Prepared for Town of Sylvan Lake

FINAL

Town of Sylvan Lake Stormwater Master Plan

April 30, 2019 | McElhanney File 2511-00966-00

Revision Record

Revision	Description	Date (YYYY-MM-DD)	Issued By
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Revision 1	Stormwater Master Plan Report DRAFT	2019-01-31	A. Sullo
Revision 2	Stormwater Master Plan Report FINAL	2019-04-30	A. Sullo

April 30, 2019

Town of Sylvan Lake
5012 - 48 Avenue, Sylvan Lake, AB, T4S 1G6
Attention: Eric Boudreau, P.Tech. (Eng.), Project Manager

TOWN OF SYLVAN LAKE STORMWATER MASTER PLAN

McElhanney Consulting Services Ltd. (McElhanney) is pleased to submit the Town of Sylvan Lake Stormwater Master Plan Report.

This report includes a compilation of material previously presented and submitted under previous Technical Memoranda and the Draft Sylvan Lake Stormwater Master Plan Report. The report also includes the 5-Year, 10-Year and 20-Year stormwater upgrade recommendations.

We have incorporated Town staff feedback received thus far from the previous Draft Sylvan Lake Stormwater Master Plan Report and Technical Memoranda submissions and comments received through on-going discussions. We trust this report provides the necessary information, as expected by the Town.

Please contact the undersigned should you have any immediate questions or comments related to this study.

Yours truly,
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REPORT SIGNATURE

This report is prepared for the sole use of the Town of Sylvan Lake. No representation of any kind, are made by McElhanney Consulting Services Ltd. or its employees to any party not affiliated with the Town of Sylvan Lake. The information provided in this report represents McElhanney's best professional judgement in light of the knowledge available to McElhanney during the time of preparation.

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EXECUTIVE SUMMARY

McElhanney Consulting Services Ltd (McElhanney) was retained by the Town of Sylvan Lake (Town) to develop an updated Stormwater Master Plan (SWMP) Report. The overarching objective of the updated SWMP was to guide the planning, cost forecasting, design and construction of the Town's stormwater conveyance, storage and treatment systems. An analysis was completed to evaluate the ability of the Town's existing and proposed drainage systems to safely capture and convey the runoff for selected return periods.

The drainage analysis was completed to develop strategies for the management of stormwater within the Town boundary. The Sylvan Lake Development Process and Design Guidelines (2018) and Alberta Environment and Parks Stormwater Management Guidelines (1999) were the main sources of design criteria for the assignment. Runoff within the Town is conveyed via two systems, typically referred to as the minor and major systems. This differentiation refers to the storm recurrence interval and storm intensities expected to be conveyed by the systems, respectively.

The minor system consists of catch-basins (inlets and leads) and the underground piped system, complete with manholes and junctions, which are designed to capture minor and moderate flow and to prevent nuisance flooding.

By contrast, the major system is designed to safely convey major overland flows and reduce the risk of major flooding. This system typically includes curb and gutter containment along roadways within an urban cross section, drainage ditches, natural streams, storm water management facilities and ponds.

The drainage analysis was undertaken with the following aims:

- The minor system has adequate capacity to convey the runoff from the 1:5-year return period storm event; and
- The major system (ditches, roadways, etc.) has adequate capacity to safely convey runoff during the 1:100-year return period storm – with some nuisance flooding being deemed acceptable.

Pipes were deemed to be under capacity, and therefore recommended for upgrade, if the design flow (based on existing conditions) was greater than the capacity of the pipe ($Q_{DES} > Q_{CAP}$). For storm sewers recommended for upgrade based on capacity constraints, recommended upgrades have been prioritized and ranked based on the existing system Hydraulic Grade Line (HGL) analysis and perceived importance in the drainage system. Overland flow routes have been identified as under capacity if flow depths exceed ditch depths or if flow depths along roadway curbside gutters exceed 0.3 m as per the City of Calgary Stormwater Management and Design Guidelines (City of Calgary, pg. 133, 2011).

The results of the drainage analysis can be summarized as follows:

- Peak runoff exceeds the capacity of a number of the Town's existing storm sewers during the 5-year 2-hour event. The undersized sewers typically have shallower slopes, less than 1.0%.
- There are several storm sewers, in the downtown core and Hewlett Park regions with slopes less than 0.30%. These storm sewers, in addition to having capacity issues, may have sedimentation issues which will require ongoing flushing and increased maintenance.
- The two downtown pump stations (43rd St and 39th St) do not have the capacity to convey the 5-year design storm flow. The inability of the pump stations to convey the 5-year flow results in a backwater effect in the

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rest of the upstream piped conveyance system. This results in an elevated HGL throughout the Lakeshore Drive storm sewer system.

- There is expected to be substantial surface ponding along 47th Ave between 43rd St and Highway 20 during the 5-year event. The upstream pipe segments west of 43rd St along 47th Ave (between 43rd St and 49th St) noted as having capacity constraints, however, are not expected to surcharge to the road surface under existing conditions. These pipes have been recommended for upgrades, as this route follows along a major arterial road.
- The Hewlett Park region exhibited modeled surcharge and surface ponding during the 5-year event under existing conditions. The relative flat terrain found in the Hewlett Park region causes substantial backwatering. The submerged outlet for the Hewlett Park region also results in substantial backwatering of the Hewlett Park storm system.
- The Westview Drive storm sewer was found to be under capacity causing surface ponding during the 5-year design storm.
- Several locations experience ponding above the assumed 0.3 m high roadway curbs during the major event. These areas include:
    - Westview Drive and along 47th Ave between 43rd St and Highway 20;
    - The Hewlett Park region; and
    - The downtown region (refer to Reference Map below).
- The major culverts examined appear to be in good condition, with a HW/D during the 100-year event under 1.5.
- Twelve stormwater management ponds within the Town were analyzed. Each of the ponds analyzed had the ability to fully contain the 5-year and 100-year flow without overtopping.

Based on discussions with Town staff, there are two areas of concern where stormwater management issues have resulted in damage to infrastructure. The two areas of concern include:

1) Hewlett Park (described in greater detail in Section 5.5):
    a. The Town noted capacity issues within the region; and
    b. Damage to infrastructure due to poor drainage.
2) Golf Course Creek (described in greater detail in Section 5.5):
    a. The Town has noted significant sedimentation in Marina Bay as a result of sediment loading from Golf Course Creek; and
    b. This has resulted in regular dredging of Marina Bay at significant cost.

Based on the capacity assessment there is one more area of concern analyzed in further detail:

1) The downtown pump stations
    a. The capacity assessment noted substantial surcharging in the downtown region as a result of existing pump station capacity.

Based on the drainage issues identified by the Town and issues noted during the analysis of the existing system, capital upgrades were recommended. The phasing strategy for the proposed upgrades was developed based on

the results of the capacity assessment (Q_{DES}>Q_{CAP}) and discussions with the Town staff. Phasing for the proposed upgrades was split into a 5-year, 10-year and 20-year plan. The proposed upgrades are summarized below based on proposed phasing horizon.

Five Year Plan:

- *Hewlett Park,*
    - In the Hewlett Park North Ditch (CN Rail Ditch) it is proposed to remove the vegetation and re-grade the ditch;
        - The vegetation within the ditch should be evaluated every year to determine if removal is required.
        - Due to the shallow grade, the ditch should be assessed every two years to determine if re-shaping and re-grading is required.
    - The Hewlett Park South Ditch is recommended to have vegetation and sediment removed within the channel to improve flow conveyance; and
    - Subsurface drainage improvements are proposed along the Hunter Road (where the damage observed is significant) and on sections of Hinshaw Drive and Hagerman Road as deemed necessary.
- *Golf Course Creek,* Reduce sedimentation through one or a combination of multiple of the following options:
    - Enlarge the Willow Spring pond and re-route the existing ditch south of Lakeshore Drive to flow into the enlarged pond. The existing ditch located on the north side of Lakeshore Drive would be relocated to the south side of the roadway;
    - Enforce strict erosion and sediment control (ESC) standards.
    - Installation of oil and grit separator (OGS) units at each of the dry ponds as there is limited land available for other options such as modification to become wet ponds;
    - Installation of a Wet Pond at the outlet of Fox Run Ph 6-7 Pond; and
    - Improvement of the Fox Run Ph 6-7 Pond through installation of forebay or an OGS.

Ten Year Plan:

- Option 1: Upgrade the capacity of the 43rd St and 39th St pump stations to convey the 5-year peak runoff rate.
    - Due to the range at which the pump station will operate it is recommended that a Variable Frequency Drive (VFD) be installed to reduce wear and tear on the pump and allow for a larger operating range.
- Option 2: Provide storage within the downtown core to reduce the peak inflow into the stormwater system. The 43rd St pump station and 39th St pump station currently have the capacity to convey approximately 13.7 L/s/ha and 28.8 L/s/ha, respectively.
    - The storage should be located offline and controlled by the HGL within the system. The storage cells should be wrapped due to the high groundwater table and sloped at a minimum of 1% towards the outlet to allow the system to drain.
- Upgrade the Willow Street storm sewer outlet from a 375 mm to a 525 mm diameter storm pipe.

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Twenty Year Plan:

- Upgrade of the Fox Run Easement storm sewer. This storm sewer crosses through an easement and is currently under capacity during the 5-year event. Surface ponding along this section of storm sewer may result in the damage to private property.
- Upgrade of the 47th Ave storm sewer. This storm sewer segment is currently under capacity for the 5-year event. The storm sewer coveys flow from a large area of the Town (approximately 165 ha) and the alignment is along a major arterial roadway. In addition, during the 100-year event the flow may not be contained within the roadway ROW.
    - Box sections may be required due to the shallow gradient available (outlet elevation is set) and there may not be enough cover for a circular pipe section.
- Upgrade of the Westview Drive storm sewer. This storm sewer segment is currently under capacity for the 5-year event. In addition, during the 100-year event the flow may not be contained within the roadway ROW.

Future development areas were determined based on a review of the MDP land uses (Town of Sylvan Lake 2014) and land uses provided in discussion with Town staff. Wet ponds were proposed for each of the developments identified. The proposed ponds were designed to attenuate the 100-year runoff to 2.1 L/s/ha (based on 100-year 24-hour Chicago design storm). Seven regional ponds were proposed for the North East Gateway annexed areas and the West annexed areas.

The study provides the following recommendations based on the analysis completed as part of the SWMP:

1) Groundwater was encountered close to the surface throughout the Town in areas such as the Hewlett Park area. Careful consideration of the impacts of groundwater need to be taken when designing stormwater infrastructure in areas with a high-water table.
2) LID opportunities that rely on infiltration are not recommended in areas with a high groundwater table. If infiltration facilities are proposed in areas of high groundwater, continuous monitoring of groundwater levels should be conducted prior to installation to confirm the facility is placed above the groundwater table. All infiltration facilities should be placed at minimum of 0.5 m above the seasonal high groundwater level (following best management practices).
3) It is recommended that a study be completed to assess the impact of increased runoff volumes on downstream water bodies, with a focus on Sylvan Creek / Cygnet Creek and Cygnet Lake. The results of the study should indicate whether the Town should adopt both rate and volume control targets.
4) Improvement of the stormwater system in the Downtown area requires careful and detailed information gathering on the older storm sewer system in conjunction with other utilities and infrastructure. The existing minor system assessment, based on majorly assumed data, shows the system is over capacity and requires improvement. At this stage, it is recommended to conduct a detail data gathering and assessment of the Downtown Area system before recommending improvement on the existing pipes.
5) The following engineering and field investigation items are recommended to be completed during the next phase of the project to further refine the upgrades proposed.
    a. The minor system drainage model is currently un-calibrated due to lack of flow monitoring data available to complete a full calibration and validation. Calibration would require flow-monitoring over at least one wet weather period at strategically located points in the conveyance network. This flow monitoring and calibration effort is recommended to be completed in the next 5 years. The resultant

calibrated model can be used to update the locations of surcharging and refine the upgrades recommended.

b. Funding for sewer condition assessments and follow-up assessment effort.

c. Engineering concept design efforts to confirm scope of projects and refine capital budget adequacy outlined in this report.

6) A significant portion of the Town is underlain by poorly drained soils that do not offer much of an opportunity to incorporate infiltration-based LID measures. However, LIDs can still be incorporated, to provide some runoff volume and rate control; together with traditional methods such as site or community detention storage. The recommended LIDs and rationale for their selection for the Town development are as follows:

   a. Absorbent Landscaping
      i. Simple and relatively cheap measure to reduce on-site runoff;
      ii. Store and infiltrate runoff near its source on-site;
      iii. Take advantage of the infiltration potential of surrounding soils.
   b. Roof Leader Disconnection
      i. Simple and relatively cheap measure to reduce on-site runoff;
      ii. Is recommended for all residential land uses, however, not for commercial, industrial or institutional buildings.
      iii. To be combined with absorbent landscaping to further enhance the benefits of storing and infiltrating runoff on-site; and,
      iv. Reduce directly connected impervious area discharging to storm sewer.
   c. Vegetated Swales
      i. Recommended in areas where ROW allows for inclusion of swale.
      ii. Reduce impervious area and increase the time of concentration to reduce peak flows into receiving water bodies;
      iii. Take advantage of surface ponding where groundwater tables are high.
   d. Bioretention / Rain Gardens / Storm Planters
      i. Effective at reducing peak flows and volumes into receiving water bodies;
      ii. Takes advantage of surface ponding where groundwater tables are high;
      iii. Provide visual benefit to neighbourhoods.

7) Sedimentation issues occur throughout the Town and is particularly severe on active construction sites. Source control is one of the best and cost-effective sedimentation mitigative measure. If effective ESC plans are developed and subsequently adhered to, most of the sediment produced from construction will be mitigated.

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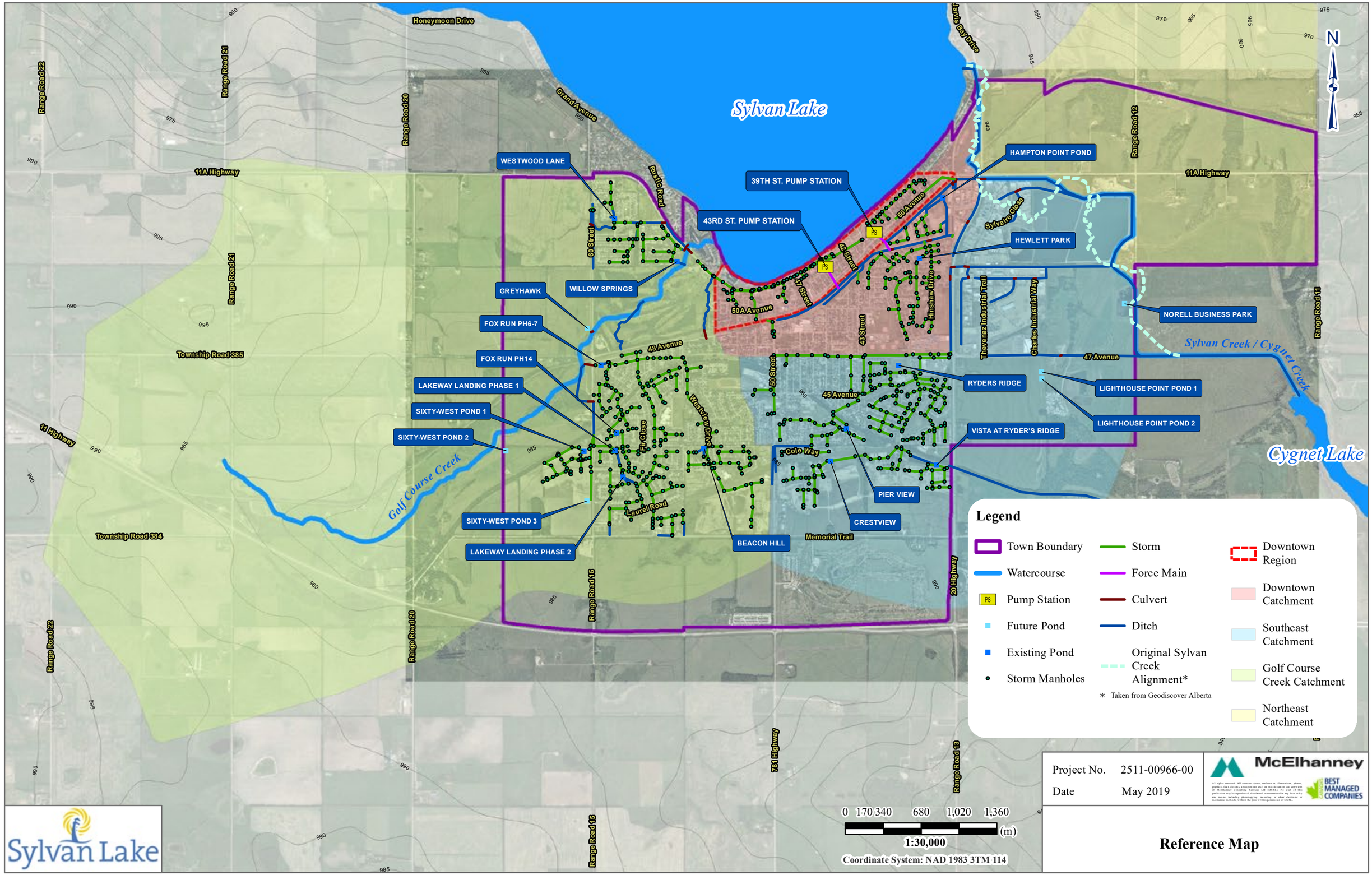

Legend

- Town Boundary
- Watercourse
- Pump Station
- Future Pond
- Existing Pond
- Storm Manholes
- Storm
- Force Main
- Culvert
- Ditch
- Original Sylvan Creek Alignment*
- Downtown Region
- Downtown Catchment
- Southeast Catchment
- Golf Course Creek Catchment
- Northeast Catchment

* Taken from Geodiscover Alberta

0 170 340 680 1,020 1,360 (m)

1:30,000

Coordinate System: NAD 1983 3TM 114

Project No.	2511-00966-00
Date	May 2019

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BEST MANAGED COMPANIES

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Sylvan Lake

Reference Map

Author: HSHIN

Document Path: M:\Proj\2511-00966 Sylvan Lake SWMP\4.6 Drainage\4.6.2 Reporting\4.6.2.5 Figures\Reference Map.mxd

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DEFINITIONS

Closed Circuit Television (CCTV) Camera Inspection – Commonly completed using a remote-operated Pipe Crawler (robotic camera on wheels) that drives from one entry point (manhole) to another, capturing video for the length of the pipe. The operator controls both the crawler and the camera and can rotate and zoom to further inspect defects. As the operator moves the camera through the pipe, he logs any defects noted, which are entered into a record log for each sewer segment.

Erosion and Sediment Control (ESC) – A practice or device designed to keep eroded soil on a construction site, so that it does not wash off and cause water pollution to a nearby receiving water body.

Force Main – Pipe that conveys flow under pressure form a pump station. Used to convey flows up gradient.

Geographic Information System (GIS) – A system designed to store, manipulate, analyze, manage and present spatial or geographic data. The spatial data can also contain relevant text or number attributes related to the feature (i.e. size, length, coordinate location, etc.).

Hydraulic Grade Line (HGL) – The level of water in an open channel or partially full pipe. When a pipe is flowing full, pressure builds up in the pipe and the HGL elevates above the water level in the pipe (without water exiting the pipe). This pressurized HGL can be measured with a vertical tube connected to the pipe.

Intensity Duration Frequency (IDF) Curve – A mathematical function that relates the rainfall intensity with its duration and frequency of occurrence.

Low Impact Development (LID) – Stormwater controls used to more closely mimic the natural hydrologic patterns in residential, commercial, industrial development and roadways.

Oil and Grit Separator – An underground device that captures oils and sediments from stormwater runoff and snowmelt.

Pump Station - Facilities designed to move stormwater or wastewater from lower to higher elevation. This is done when the elevation is insufficient for gravity flow or when gravity conveyance begins to require deep excavation. The lift station pumps the water to a higher elevation, where the flow can be conveyed by gravity.

Return Period – An estimate for the likelihood of occurrence based on statistical analysis of historical data. Return period is inversely related to probability, such that a 5-year event has a 20% chance of occurrence for any given year (1/5 = 20%). Rainfall return periods are often also presented with specific durations of time (ie. 5-year, 1-hour, or 5-year, 24-hour). These return periods and durations will all provide different rainfall amounts.

Sheet Flow – Flow that occurs overland in locations where no defined channels exist. The flow spreads out over a large area at a uniform depth. This also referred to as overland flow.

Topographic Survey – Conducted to determine horizontal and vertical (elevation) locations. Topographic surveys are used to locate natural or man-made features and can be accomplished by either using RTK survey methods or conventional survey methods. Topographic survey, in relation to this study, was used to locate sewer infrastructure depths and coordinates.

Watershed / Drainage Basin – Areas of land where precipitation collects and drains to a common outlet. The drainage basin / watershed includes all surface water as well as groundwater which collects at the common outlet.

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1. INTRODUCTION

McElhanney Consulting Services Limited (McElhanney) was retained by the Town of Sylvan Lake (the Town) to develop an updated Stormwater Master Plan (SWMP) Report. The previous Stormwater Master Plan for the Town was completed in 2010. The updated SWMP will guide the Town in planning for accommodation of future development growth, determine any deficiencies in the existing drainage system, recommend stormwater infrastructure upgrades and evaluate alternatives to improve the stormwater servicing.

In addition, emphasis was made on best management practices surrounding the storage, conveyance and treatment of stormwater. The Town intends for stormwater collection, conveyance, treatment and discharge to be undertaken in a sustainable manner, with preference given to maintenance and enhancement of natural systems, where feasible.

As directed by the Town, the SWMP focuses on analysis of the existing stormwater system under both existing and future development scenarios. The study also focuses on stormwater management solutions for two key areas of concern identified: Hewlett Park and Golf Course Creek.

The goals of the SWMP include:

1. Generate an inventory of the existing stormwater infrastructure. This data is gathered from GIS data, as-builts and previously completed reports;
2. Develop a hydrologic / hydraulic model to analyze the existing stormwater infrastructure under both existing and future development scenarios and existing and future climate scenarios;
3. Identify areas of concern based on capacity related shortfalls;
4. Identify mitigation measures for two key areas of concern: Hewlett Park and Golf Course Creek.
5. Develop an upgrade project list and preliminary costing for proposed stormwater capital projects. This is presented in a 5-Year plan, 10-Year plan, and 20-Year longer range plans; and
6. Develop strategies for the selection and implementation of Low Impact Development (LID) and Best Management Practice (BMP) methods, as they relate to stormwater management within the Town.

Maintenance and expansion of a stormwater system requires significant financial investment on the part of the Town. The SWMP provides a guide for the Town's administration to assess the condition of the existing infrastructure and the infrastructure expansions required to accommodate future development.

The information presented in this SWMP will aid in budgeting and the planning of future capital investments.

1.1. SCOPE OF WORK

The overarching objective of the project is to develop a SWMP to guide the planning, cost forecasting, design and construction of the Town's stormwater conveyance, storage and treatment systems. Based on the goals of the SWMP as outlined by the Town, the scope of work for the project is summarized as follows:

1. Review all relevant background material including Computer Aided Design (CAD) drawings, as-builts, Geographic Information System (GIS) data, previously completed reports, etc.;
2. Complete a data gap analysis identifying locations of missing information to be requested;

3. Complete a field assessment of key locations including: large culverts, outfalls and open channel / wetland inspections and the Hewlett Park region;
4. Review of the major drainage basin boundaries and establish these graphically;
5. Develop a computational hydrologic / hydraulic model for assessment of the minor 5-year return period conveyance system;
6. Develop a dual drainage computational hydrologic / hydraulic model for the assessment of the major 100-year return period conveyance system;
7. Identify BMP strategies and LID opportunities that fit with the local soils and stormwater upgrade objectives;
8. Identify minor and major system upgrades required based on the capacity assessment;
9. Complete a drainage assessment of Hewlett Park Area and develop stormwater strategies for the region;
10. Complete a drainage assessment of Golf Course Creek and develop stormwater strategies for the region;
11. Prepare a 5-Year upgrade plan and associated capital costs;
12. Prepare a 10-Year upgrade plan and associated capital costs;
13. Prepare a 20-year upgrade plan and associated capital costs; and
14. Complete a Draft and Final Stormwater Master Plan Report for the Town.

2. BACKGROUND INFORMATION

Background conveyance network geometry (i.e. inverts, size, material etc.) for the stormwater system have been compiled based on:

- GIS data provided by the Town;
- Previously completed studies and design reports;
- As-built data provided by the Town in CAD format;
- As-built data provided by the Town in PDF and picture format; and
- Topographic survey completed by McElhanney.

Topographic survey was carried out in locations where as-builts were not provided or were unable to be used with confidence. The locations of topographic survey having been undertaken can be found in *Appendix E.*

In addition, McElhanney completed a series of site visits to observe key components of the natural / major storm conveyance system, including major culvert crossings, ditches and the Hewlett Park region. Observations from these site visits, compiled with topographic survey have allowed us to confirm and complement the as-builts and linework provided by the Town.

2.1. REVIEW OF PREVIOUS STUDIES

Engineering, planning and feasibility studies have previously been completed by the Town. McElhanney has gathered and reviewed past reports provided by the Town and information obtained from open sources to gain a comprehensive understanding of the study area and design criteria. Some of the key documents that we have reviewed can be found in *Table 1, page 3*.

Table 1: Background Studies

REPORT NAME	DATE	AUTHOR	NOTES
Design Guidelines			
Sylvan Lake Development Process and Design Guidelines	2018	Town of Sylvan Lake	Used for the development of the development of the model. Used for the design of the proposed upgrades.
City of Red Deer Design Guidelines	2016	City of Red Deer	Used as a supplement to the Sylvan Lake Development Process and Design Guidelines.
Stormwater Management Guidelines for the Province of Alberta	1999	Alberta Environment and Protection	Used as a supplement to the Sylvan Lake Development Process and Design Guidelines.
City of Calgary Stormwater Management and Design Criteria	2011	City of Calgary	Used as a supplement to the Sylvan Lake Development Process and Design Guidelines.
Low Impact Development Best Management Practices Design Guide	2014	City of Edmonton	Used for development of LID design criteria

REPORT NAME	DATE	AUTHOR	NOTES
Assessment Reports for Sylvan Lake & Sylvan Creek / Cygnet Creek			
Sylvan lake Water Levels	2018	Water Survey of Canada	
Hydrologic Assessment for Proposed Temporary Diversion from Sylvan Lake	2016	Tetra Tech EBA	
Cygnet Creek Hydrological Assessment Report	2016	Senon Engineering	
Town of Sylvan Lake Information			
Town of Sylvan Lake Climate Resilience Express Action Plan	2018	Municipal Climate Action Centre	
Town of Sylvan Lake Council Visioning Session	2014	Town of Sylvan Lake	
50th Street Area Redevelopment Plan	2010	Associated Engineering	Used to establish current and future land uses and development an understanding of the study area
Town of Sylvan Lake Area Structure Plan	2007	Parkland Community Planning Services	Used to establish current and future land uses and development an understanding of the study area
Town of Sylvan Lake Waterfront Area Redevelopment Plan	2006	Armin A. Preiksatis & Associates	Used to establish current and future land uses and development an understanding of the study area
North East Area Structure Plan	2000	Town of Sylvan Lake	Used to establish current and future land uses and development an understanding of the study area
Stormwater Management Reports			
Hawk's Crest Stormwater Management Report	2017	Stantec	Used for the development of the computational model
Waterford Station Revised Stormwater Management Report	2016	Stantec	Used for the development of the computational model
Iron Gate Revised Stormwater Management Report	2016	Stantec	Used for the development of the computational model
Stormwater Management Report Proposed Lighthouse Pointe Subdivision	2015	Area Consulting Inc.	Used for the development of the computational model
Town of Sylvan Lake Stormwater Master Plan	2010	Associated Engineering	Used for the development of the computational model
Geotechnical Reports			
Geotechnical Investigation Tripp Lands Residential Subdivision	2016	Parkland Geo	Used to establish soil conditions for computational modelling
Geotechnical Investigation Proposed lighthouse Pointe Subdivision	2015	Parkland Geo	Used to establish soil conditions for computational modelling

REPORT NAME	DATE	AUTHOR	NOTES
Geotechnical Assessment for Proposed Sylvan Lake Norell Business Park	2014	Parkland Geo	Used to establish soil conditions for computational modelling
Geotechnical Investigation Sylvan Lake NexSource Centre	2014	Union Street Geotechnical Ltd.	Used to establish soil conditions for computational modelling
Environmental Information			
North East Gateway Area Structure Plan: Wetland Value and Watercourse Assessment	2018	RC BioSolutions Ltd.	Detailed assessment of the outlet from Sylvan Lake to Cygnet Lake
Natural Areas Management Plan	2017	R.C. BioSolutions Ltd.	Most accurate wetland dataset available

2.2. LiDAR Data and Aerial Photo

Aerial imagery (2017) was obtained from the Town. The aerial imagery was used in the generation of report figures and in the analysis of existing drainage conditions (i.e. percent impervious values, ditch locations, etc.). McElhanney also received LiDAR survey data, from the Town. The LiDAR survey data was used for the catchment delineation and development of the hydrologic / hydraulic model. For example, the Digital Elevation Model (DEM) developed from the LiDAR data was used to establish rim elevations for manholes and inverts for ditches and culverts, where as-built and topographic survey data was not available.

2.3. Land Use

The Municipal Development Plan (MDP) land use designations, as per the 2014 MDP, were provided by the Town in shapefile format. The land use information provided was used to establish base percent impervious values for computational modeling. The MDP land use designations were also used to identify future development locations.

For more information on the land use data provided / incorporated refer to *Section 3.2.*

2.4. Topographic Survey

As noted above, based on a review of available as-builts provided by the Town, there were several locations encountered where attributes were required to enable the drainage assessment and development of conceptual designs. *Appendix E* outlines the locations where topographic survey was recommended and undertaken by McElhanney.

3. SITE DESCRIPTION

3.1. STUDY AREA

The Town covers an area of approximately 22.59 km^2 (2,259 ha), situated along the southern banks of Sylvan Lake. The Town is situated approximately 17 km west of the City of Red Deer within the Calgary – Edmonton development corridor. The Town is bounded to the north by Sylvan Lake, to the northwest by the Village of Norglenworld, to the northeast by the Village of Jarvis Bay and to the south, east and west by Red Deer County.

Runoff from Red Deer County drains overland into the Town boundary at several locations. The runoff is conveyed using the Town's drainage infrastructure.

Figure 1, page 7 outlines the Town boundary, the study area and the major drainage catchments.

Sylvan Lake

Golf Course Creek

Sylvan Creek / Cygnet Creek

Cygnet Lake

Range Road 20

Range Road 12

Range Road 11

Range Road 15

11A Highway

11 Highway

20 Highway

Township Road 385

Township Road 384

Grand Avenue

Jarvis Bay Drive

Lakeshore Drive

39 Street

60 Avenue

Sylvaire Close

Marina Bay Court

60 Street

50A Avenue

50 Avenue

44 Street

Hinshaw Drive

48 Avenue

47 Avenue

45 Avenue

Radcliff Way

Firdale Drive

Oakmoor Drive West

Craig Road

Memorial Trail

50 Street

N

Legend

- Town Boundary
- Watercourse

0 125 250 500 750 1,000 (m)

1:22,500

Coordinate System: NAD 1983 3TM 114

Project No.	2511-00966-00
Date	May 2019

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Figure 1

Study Area

Sylvan Lake

Author: HSHIN

Document Path: M:\Proj\2511-00966 Sylvan Lake SWMP\4.6 Drainage\4.6.2 Reporting\4.6.2.5 Figures\Figure 1 - Study Area.mxd

3.2. LAND USE

Table 2, page 9 displays the MDP designated land uses within the Town (Town of Sylvan Lake, 2016). The land uses associated with the MDP were used to estimate the approximate percent impervious values used in the development of the hydrological model. The existing land uses were adjusted based on the 2017 aerial imagery provided by the Town. Most of the Town (approximately 40%) is classified as residential with varying degrees of density. A Canadian National (CN) railway alignment runs east to west through the Town, acting as a barrier to overland drainage. Areas north and south of the CN railway alignment are connected via cross-culverts.

The downtown core (designated as Waterfront Direct Control) is a mixture of residential and commercial with a higher assumed percent impervious value.

The area east of Highway 20 and south of Highway 11A is predominately industrial / commercial and contains the Sylvan Lake Wastewater Treatment Facility (lagoon system). Drainage within the eastern industrial lands is predominately conveyed overland via a series of ditches and culverts to Sylvan Creek / Cygnet Creek and eventually discharges into Cygnet Lake.

Among the recently annexed areas to the Town, the MDP displays the North East Gateway area annexation and the West Area annexation as future developments. The North East Gateway area will be comprised of a mixture of light and heavy industrial while the proposed developments in the west annexation area will be comprised of mixture of residential, commercial, institutional and light industrial.

For existing land uses, the aerial imagery (2017) was used to identify areas that are currently undeveloped but designated for development as per the MDP. These areas were modeled as undeveloped during the existing system analysis and fully developed (as per the MDP) during the future system analysis. *Table 2, page 9* outlines the percent impervious values assigned to each land use. Percent impervious values were based on applicable design guidelines and adjusted based on a review of the aerial photo.

Table 2: Assumed Percent Impervious Values

ZONE	LAND USE	ASSUMED PERCENT IMPERVIOUS
AG	Agricultural	30
CH	Highway Commercial	80
CN	Neighbourhood Commercial	65
CNS	Neighbourhood Shopping Centre	65
DC-1, DC-2, DC-50	Direct Control District	65
EOS	Environmental Open Space	5
I1	Light Industrial	70
I2	Heavy Industrial	80
L-DC	Lakeshore Direct Control	65
PF	Public Facility	30
R1	Large Lot Residential	35
R1A	Medium Lot Residential	40
R2	Medium Density Residential	50
R3	High Density Residential	70
R4	Manufactured Home	40
R5	Narrow Lot General Residential	50
R5A	Narrow Lot Duplex Residential	65
RF	Recreational Facility	30
FD	Future Development	5[1]
W-DC	Waterfront Direct Control	65
Paved Road	Paved Road (Includes entire ROW)	70

Notes:
1) Modelled as undeveloped with an assumed percent impervious value of 5 under existing conditions. Under future development conditions, the assumed percent impervious matched the land use designation as outlined in the MDP.

Sylvan Lake

Grand Avenue

11A Highway

Marina Bay Court

Lakeshore Drive

39 Street

50 Avenue

Jarvis Bay Drive

Sylvaire Close

Range Road 20

Range Road 12

Range Road 11

60 Street

50A Avenue

Hinshaw Drive

44 Street

50 Avenue

48 Avenue

47 Avenue

47 Avenue

Township Road 385

Sylvan Creek / Cygnet Creek

45 Avenue

Radcliff Way

Firdale Drive

Westview Drive

Golf Course Creek

Cygnet Lake

Craig Road

20 Highway

Township Road 384

Memorial Trail

Township Road 384

Range Road 20

50 Street

Range Road 12

Range Road 15

11 Highway

N

Legend

- Town Boundary
- Watercourse

Land Use District

- AG
- CH
- CN
- CNS
- DC-1
- DC-2
- DC-50
- EOS
- FD
- I1
- I2
- L-DC
- LC
- PF
- R1
- R1A
- R2
- R3
- R4
- R5
- R5-A
- RF
- RMB
- UR
- W-DC

0 125 250 500 750 1,000 (m)

1:22,500

Coordinate System: NAD 1983 3TM 114

Sylvan Lake

McElhanney

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Figure 2

Land Use

Author: HSHIN

Document Path: M:\Proj\2511-00966 Sylvan Lake SWMP\4.6 Drainage\4.6.2 Reporting\4.6.2.5 Figures\Figure 2 - Land Use.mxd

3.3. SOIL CONDITIONS

For soil conditions, McElhanney relied upon the area specific geotechnical reports provided by the Town. *Table 3, page 11* summarizes the soil types reported in the geotechnical investigations provided. Based on the summary, the soil types used for the drainage analysis were assumed to be clay till with low infiltration potential. Therefore, low infiltration rates were used in the development of the hydrological model (approximately 3 mm/hr). The infiltration losses in the computational modeling were calculated using the Green-Ampt method.

Figure 3, page 12 displays the location of the geotechnical investigations referenced for the selection of the assumed soil type used in the stormwater analysis.

Table 3: Summary of Soil Conditions

GEOTECHNICAL REPORT	PREDOMIONANT SOILS ENCOUNTERED	ASSUMED INFILTRATION POTENTIAL
Geotechnical Investigation Tripp Lands Residential Subdivision (Parkland Geo, August 2016)	Lacustrine Sand Clay Silt Clay Till	Low to Medium
Geotechnical Investigation Proposed Lighthouse Pointe Subdivision (Parkland Geo, April 2015)	Clay Silt Clay Till	Low
Geotechnical Assessment for Proposed Sylvan Lake Norell Business Park (Parkland Geo, September 2014)	Clay Till Silty Sand	Low
Geotechnical Investigation Sylvan Lake NexSource Centre (Union Street Geotechnical Ltd, September 2014)	Clay Till	Low

Sylvan Lake

GEOTECHNICAL REPORT:

GEOTECHNICAL INVESTIGATION
TRIPP LANDS RESIDENTIAL SUBDIVISION

PREDOMINANT SOILS ENCOUNTERED:
- **LACUSTRINE SAND**
- **CLAY**
- **SILT**
- **CLAY TILL**

GEOTECHNICAL REPORT:

GEOTECHNICAL ASSESSMENT FOR
PROPOSED SYLVAN LAKE NORWELL BUSINESS PARK

PREDOMINANT SOILS ENCOUNTERED:
- **CLAY TILL**
- **SILTY SAND**

GEOTECHNICAL REPORT:

GEOTECHNICAL INVESTIGATION
SYLVAN LAKE RESOURCE CENTRE

PREDOMINANT SOILS ENCOUNTERED:
- **CLAY TILL**

GEOTECHNICAL REPORT:

GEOTECHNICAL INVESTIGATION

LIGHTHOUSE POINTE SUBDIVISION
PREDOMINANT SOILS ENCOUNTERED:
- **CLAY**
- **SILT**
- **CLAY TILL**

Range Road 20
Grand Avenue
11A Highway
Jarvis Bay Drive
Range Road 12
Lakeshore Drive
39 Street
Sylvaire Close
Hinshaw Drive
60 Street
50 Avenue
48 Avenue
47 Avenue
Range Road 11
Sylvan Creek / Cygnet Creek
Township Road 385
Radcliff Way
Perry Drive
Cygnet Lake
Golf Course Creek
Beacon Hill Drive
20 Highway
Township Road 384
Memorial Trail
50 Street
Range Road 15
11 Highway

N

Legend
- Town Boundary
- Watercourse

0 125 250 500 750 1,000 (m)
1:22,500
Coordinate System: NAD 1983 3TM 114

Project No.	2511-00966-00
Date	May 2019

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Figure 3

Soil Studies

Sylvan Lake

Author: HSHIN
Document Path: M:\Proj\2511-00966 Sylvan Lake SWMP\4.6 Drainage\4.6.2 Reporting\4.6.2.5 Figures\Figure 3 - Soil Studies.mxd

3.4. GROUND WATER

Sylvan Lake is situated within a groundwater basin that coincides with the Sylvan Lake – Cygnet Lake watershed. The surficial geology within and surrounding Sylvan Lake is reported to consist of a clay-rich blanket that likely limits groundwater interaction. Investigations indicate that groundwater only contributes 10% of the total inflow to the lake and is widely dispersed into the clays. Of importance, however, is that Sylvan Lake and the area surrounding the lake is a region of groundwater discharge. Groundwater in upland areas to the northeast, northwest and southwest flows towards the lake and although data is limited, flow is believed to continue in a southeast direction into Cygnet Lake and eventually the Red Deer River. Flowing wells have been noted in the vicinity of Cygnet lake which is further evidence of discharge conditions and that a high-water table exists in this area.

Groundwater was encountered close to the surface throughout the Town, in particular in the Hewlett Park area. Careful consideration of the impacts of groundwater need to be taken when designing stormwater infrastructure in areas with a high-water table. If stormwater management ponds are lined to prevent the migration of groundwater into the pond, the potential of blowout due to hydrostatic pressures of the groundwater needs to be taken into consideration. These considerations include the need for all stormwater ponds to be lined as well as underground storage tanks lining to prevent inflow.

The design of both underground tank and pond liners are typically done through sound geotechnical engineering principles when completed by a Professional Engineer. Most of the issues are faced through construction of liners, this is mainly due to improper impaction of clay liners or not following manufacturer and engineering recommendations for geomembranes and geofabrics. It is recommended that the Town arrange for a more detailed construction protocol when it comes to liners to control groundwater inflow. This includes having inspection reports for both depth and compaction on clay liners and a site inspector confirming proper installation of premanufactured liners. A requirement for a supplier representative to be on-site to confirm proper install of materials is also a viable alternative to ensure proper construction to reduce the probability of failure of pond or tank liners.

The static water level, groundwater flow direction, vertical flow direction and hydraulic conductivity (*Figure 4, page 14)* can be determined by installation of a groundwater monitoring network. Additional information on groundwater in the region can be found in the *Hewlett Park Technical Memo #1 – Hewlett Park Preliminary Engineering, McElhanney 2018* (*Appendix F*).

LID / BMP opportunities that rely on infiltration is not recommended in areas with a high groundwater table. If infiltration facilities are proposed in areas of high groundwater, continuous monitoring of groundwater levels should be conducted prior to installation to confirm the facility is placed above the groundwater table. All infiltration facilities should be placed at minimum of 0.5 m above the seasonal high groundwater level (following best management practices).

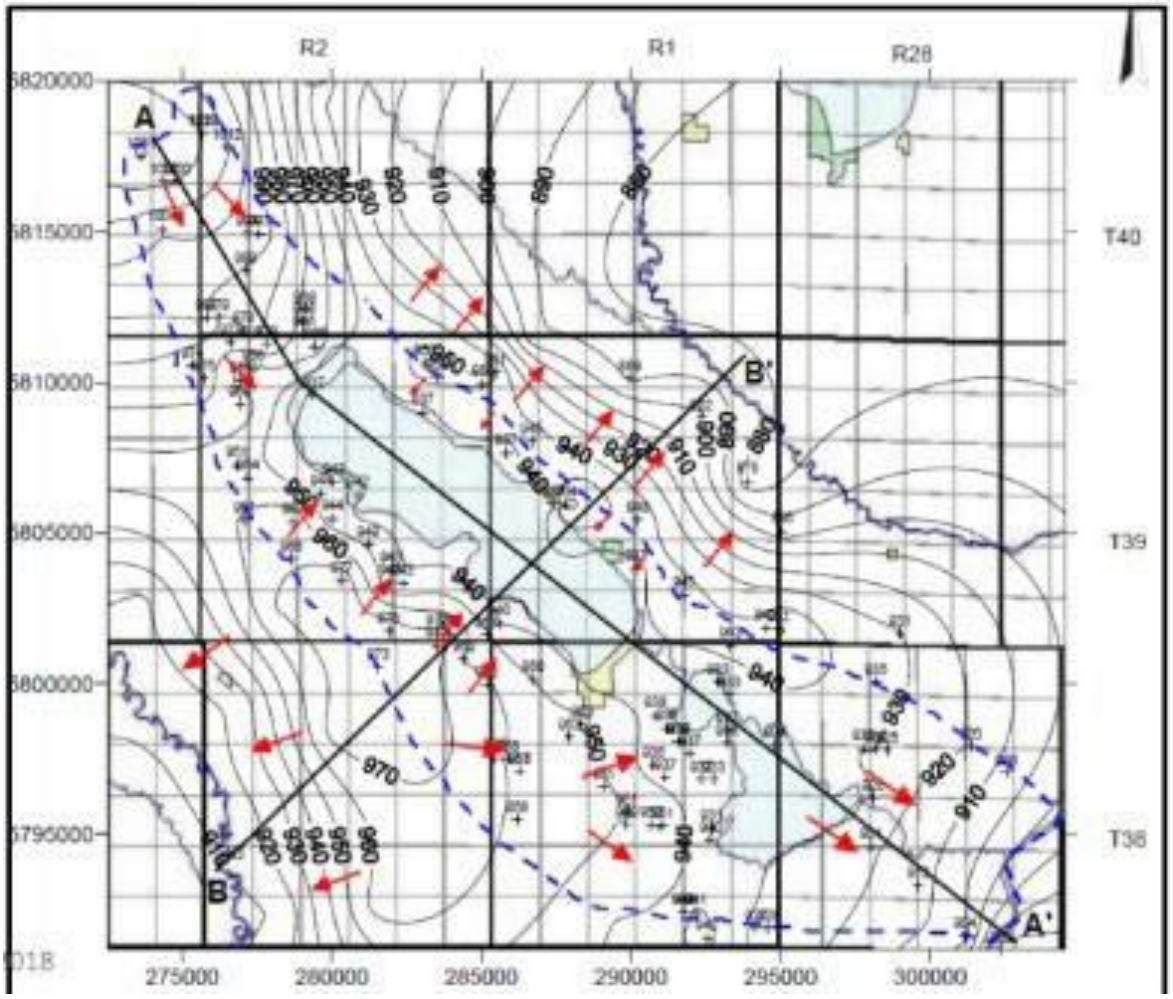

Figure 4: Historic Groundwater Flow Data

3.5. WATERSHEDS AND SUBCATCHMENTS

As displayed in *Figure 5, page 17* there are four major catchment areas draining within or into the Town boundary. Golf Course Creek and Sylvan Creek / Cygnet Creek are the two main streams flowing through the Town, and as such are major discharge points for stormwater infrastructure. *Table 4, page 15* outlines the characteristics of the major catchments.

Stormwater runoff from the Town can adversely affect the receiving water bodies, Golf Course Creek, Sylvan Lake, Sylvan Creek / Cygnet Creek and Cygnet Lake. Increased runoff rates and volumes can increase the rates of erosion within the Creeks and stormwater can generally contain high levels of sediments and nutrients. This can result in increased sedimentation in downstream waterbodies. In addition, urbanization can introduce numerous pollutants which can be transferred and conveyed to natural aquatic receiving systems. The most common pollutants include suspended solids, oil and greases, nitrogen, phosphorus, and various metals.

Sediment loading in stormwater is generally characterized by the Total Suspended Solids (TSS). Pollutants such as metals, nutrients and other constituents attach to suspended solids, and as a result, their removals rates relate to TSS removal efficiency. Water Quality standards in Canada are governed by the Fisheries Act, and subsequently enforced by each Province. The Fisheries Act states that you may not discharge a deleterious substance into a receiving water body. The Fisheries act defines a deleterious substance as:

"(a) any substance that, if added to any water, would degrade or alter or form part of a process of degradation or alteration of the quality of that water so that it is rendered or is likely to be rendered deleterious to fish or fish habitat or to the use by man of fish that frequent that water, or

(b) any water that contains a substance in such quantity or concentration, or that has been so treated, processed or changed, by heat or other means, from a natural state that it would, if added to any other water, degrade or alter or form part of a process of degradation or alteration of the quality of that water so that it is rendered or is likely to be rendered deleterious to fish or fish habitat or to the use by man of fish that frequent that water,"

The stormwater runoff quality requirement will depend on the water body it is being discharged into, in most of Central and Northern Alberta an adopted standard of 85% removal of Total Suspended Solids above 75 microns has been deemed the appropriate level of treatment for most receiving water bodies.

Table 4: Major Catchment Areas

CATCHMENT NAME	TOTAL CATCHMENT AREA (ha)	CATCHMENT AREA WITHIN TOWN (ha)	DISCHARGE POINT
Golf Course Creek	2390.8	761.1	Sylvan Lake at Marina Bay
Southeast Catchment	888.2	726.3	Cygnet Lake via Sylvan Creek / Cygnet Creek
Downtown Catchment	245.7	245.7	Cygnet Lake via Sylvan Creek / Cygnet Creek
Northeast Catchment	676.6	363.5	Cygnet Lake via Sylvan Creek / Cygnet Creek

3.5.1. Golf Course Creek

Golf Course Creek flows northeast from a high point located southwest of the Town boundary, south of Township Road 384, between Range Road 21 and Range Road 22. Golf Course Creek enters the Town boundary crossing 60th Street immediately south of 50th Avenue through twin 1,500 mm diameter culverts. The creek then flows northeast through Sylvan Lake Golf and Country Club eventually crossing Lakeshore Drive through a 2,000 mm diameter culvert. At this point Golf Course Creek flows under Marine Bay Place through twin 1,500 mm diameter culverts prior to discharging into Sylvan Lake at Marina Bay. The catchment area for Golf Course Creek outside of the Town boundary is composed predominantly of agricultural land uses. Within the Town boundary the catchment area is predominately residential and recreational. New residential developments are proposed within the catchment area at Waterford Station and Greyhawk. The Town has noted substantial sedimentation occurring within Marina Bay due to sediment loading from Golf Course Creek. The sedimentation within Marina Bay results in regular dredging at significant cost. The Town has requested that the issues of sediment loading from Golf Course Creek be addressed as part of the assignment and be given high priority.

Golf Course Creek is an unmapped Class C waterbody with a Restricted Activity Period (RAP) of April 16 to June 30. Historical records for fish species occurrence are limited to the reach between Marina Bay and the Sylvan Lake Golf and Country Club and include nine native fish species (five sport fish, and four small-bodied non-sport fish), all of which are not of management concern (Alberta Environment and Parks, 2018).

3.5.2. Sylvan / Cygnet Creek

Sylvan / Cygnet Creek contains three of the catchments identified in *Table 4, page 15*, the Southeast Catchment, the Downtown Catchment and the Northeast Catchment.

The Unnamed Tributary, locally known as Sylvan Creek or Cygnet Creek (both names have been found within the background documents) flows approximately 5.7 km to Cygnet Lake from Sylvan Lake. Sylvan Creek / Cygnet Creek flows southeast from Sylvan Lake crossing Highway 11A and Highway 20. The creek flows east along Highway 11A (acting as the highway ditch) bypassing the Sylvan Lake Wastewater treatment facility before flowing southeast to Cygnet Lake. The catchment area for Sylvan Creek / Cygnet Creek contains the Downtown Catchment, the Northeast Catchment and the Southeast Catchment. The Downtown Catchment and the Southeast Catchment are composed of a mix of land uses. While the Northeast Catchment is undeveloped and comprised of predominantly agricultural land uses.

As noted in *Figure 6, page 18*, the Sylvan Creek / Cygnet Creek original alignment has significantly altered due to Town development, namely, residential areas, road infrastructure and the Sylvan Lake Wastewater Treatment facility (lagoon system). Sylvan Creek / Cygnet Creek is an intermittent watercourse (i.e., dry in some fall / winter periods) and a Class C waterbody with a Restricted Activity Period of April 16 to June 30. Based on historical aerial photograph interpretation, Sylvan Creek / Cygnet Creek was realigned between 1980 and 1993 (see North East Gateway ASP: Wetland Value and Watercourse Assessment prepared by R.C. BioSolutions, 2018). Historical fish records have previously identified low to moderate fish habitat within Sylvan Creek / Cygnet Creek (AEP 2018; R.C BioSolutions 2018), especially for species tolerant of low Dissolved Oxygen (*e.g.*, Brook Stickleback).

Sylvan Lake

A = 677 ha

A = 246 ha

A = 885 ha

A = 2413 ha

Honeymoon Drive

Jarvis Bay Drive

Grand Avenue

Rustic Road

32 Street

39 Street

50 Avenue

Sylvaire Close

11A Highway

Range Road 22

Range Road 21

Range Road 20

Range Road 12

Range Road 11

60 Street

Lakeshore Drive

47 Street

43 Street

Hinshaw Drive

Thevenaz Industrial Trail

Charles Industrial Way

47 Avenue

48 Avenue

45 Avenue

50 Street

Sylvan Creek / Cygnet Creek

Cygnet Lake

Township Road 385

Township Road 384

Golf Course Creek

Firdale Drive

Westview Drive

Lakeway Boulevard

Cole Way

Victor Close

Memorial Trail

Range Road 15

20 Highway

761 Highway

Range Road 13

N

Legend

- Town Boundary
- Watercourse
- Downtown Catchment
- road_segment_1
- road_segment_1 selection
- Southeast Catchment
- Golf Course Creek Catchment
- Northeast Catchment

0 170 340 680 1,020 1,360 (m)

1:30,000

Coordinate System: NAD 1983 3TM 114

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Figure 5

Major Catchments

Sylvan Lake

Document Path: M:\Proj\2511-00966 Sylvan Lake SWMP\4.6 Drainage\4.6.2 Reporting\4.6.2.5 Figures\Figure 5 - Major Catchments.mxd Author: HSHIN

Sylvan Lake

Grand Avenue

11A Highway

Marina Bay Court

60 Street

Lakeshore Drive

39 Street

60 Avenue

Jarvis Bay Drive

Sylvaire Close

Range Road 20

Range Road 12

Range Road 11

50A Avenue

Hinshaw Drive

44 Street

50 Avenue

48 Avenue

47 Avenue

Township Road 385

Sylvan Creek / Cygnet Creek

Cygnet Lake

45 Avenue

Radcliff Way

Firdale Drive

Westview Drive

Golf Course Creek

Craig Road

20 Highway

Township Road 384

Memorial Trail

50 Street

Range Road 15

11 Highway

N

Legend

- Town Boundary
- Watercourse
- Original Sylvan Creek / Cygnet Creek Alignment*

* Taken from Geodiscover Alberta

0 125 250 500 750 1,000 (m)

1:22,500

Coordinate System: NAD 1983 3TM 114

Sylvan Lake

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Figure 6

Sylvan Creek / Cygnet Creek Alignment

Document Path: M:\Proj\2511-00966 Sylvan Lake SWMP\4.6 Drainage\4.6.2 Reporting\4.6.2.5 Figures\Figure 6 - Sylvan Creek Alignment.mxd Author: HSHIN

3.6. TOPOGRAPHY

Figure 7, page 20 outlines the topography of the Town, based on the 2017 LiDAR data provided by the Town. Sylvan Lake can be categorized as rolling landscape with relatively shallow slopes (0 to 10%).

Most of the Town slopes east and southeast towards Sylvan Creek / Cygnet Creek and Cygnet Lake. A high point (approximately 1003 m) is located immediately south of Township Road 384 along 50th St. A ridge line extends from the high point northwest. West of the ridge line the land slopes towards Golf Course Creek and east of the ridge line the land slopes towards Sylvan Creek / Cygnet Creek and Cygnet Lake. The Sylvan Creek / Cygnet Creek lowlands represents the lowest elevations within the Town.

Sylvan Lake

Grand Avenue

11A Highway

Range Road 20

Range Road 12

Range Road 11

60 Street

Lakeshore Drive

39 Street

Sylvaire Close

50A Avenue

Hinshaw Drive

44 Street

50 Avenue

48 Avenue

47 Avenue

Township Road 385

45 Avenue

Firdale Drive

Westview Drive

Ryder Ridge Boulevard

Craig Road

Township Road 384

Memorial Trail

50 Street

20 Highway

Golf Course Creek

Sylvan Creek / Cygnet Creek

Cygnet Lake

N

Legend

- Town Boundary
- Watercourse

Elevation (m)

- 990 - 1000
- 980 - 990
- 970 - 980
- 960 - 970
- 950 - 960
- 940 - 950
- 930 - 940
- 920 - 930
- 910 - 920
- 900 - 910

11 Highway

0 125 250 500 750 1,000 (m)

1:22,500

Coordinate System: NAD 1983 3TM 114

Sylvan Lake

Project No.	2511-00966-00
Date	May 2019

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Figure 7

Topography

Author: HSHIN

Document Path: M:\Proj\2511-00966 Sylvan Lake SWMP\4.6 Drainage\4.6.2 Reporting\4.6.2.5 Figures\Figure 7 - Topography.mxd

3.7. EXISTING WETLANDS

Figure 8, page 22 identifies the existing wetlands located within the Town boundary. The wetlands were identified as per the Alberta Environment and Parks (AEP) online wetland inventory.

Wetlands provide important landscape functions including water storage and delay, stream flow support, water quality improvement, as well as habitat. As a result, wetlands are important natural infrastructure to consider within stormwater management planning. The Province provides some wetland areas mapping (e.g., the Alberta Merged Wetland Inventory), however, the dataset is missing information for the Sylvan Lake area. Wetlands have been previously identified in detail using various data sources and ground-truthing for the Town of Sylvan Lake in the Natural Areas Management Plan (R.C. BioSolutions, 2017, Figure 3.1-1; Page 29).

Sylvan Lake

Range Road 20
Grand Avenue
11A Highway
60 Street
Marina Bay Court
Lakeshore Drive
39 Street
50 Avenue
Jarvis Bay Drive
Range Road 12
Sylvaire Close
11A Highway
50A Avenue
Hinshaw Drive
44 Street
50 Avenue
Range Road 11
Township Road 385
48 Avenue
47 Avenue
47 Avenue
Sylvan Creek / Cygnet Creek
45 Avenue
Radcliff Way
Cygnet Lake
Firdale Drive
Westview Drive
Golf Course Creek
Craig Road
20 Highway
Township Road 384
Memorial Trail
Township Road 384
Range Road 20
50 Street
Range Road 15
Range Road 12
11 Highway

N

Legend

- Town Boundary
- Watercourse
- Marsh*
- Open Water*

* Taken from Geodiscover Alberta

0 125 250 500 750 1,000 (m)

1:22,500

Coordinate System: NAD 1983 3TM 114

Project No.	2511-00966-00
Date	May 2019

McElhanney

BEST MANAGED COMPANIES

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Figure 8

Existing Wetlands

Sylvan Lake

Author: HSHIN

Document Path: M:\Proj\2511-00966 Sylvan Lake SWMP\4.6 Drainage\4.6.2 Reporting\4.6.2.5 Figures\Figure 8 - Existing Wetlands.mxd

4. METHODOLOGY

Runoff within the Town is conveyed via two systems, typically referred to as the minor and major systems. This differentiation refers to the storm recurrence interval and storm intensities expected to be conveyed by the systems, respectively.

The minor system consists of catch-basins (inlets and leads) and the underground piped system, complete with manholes and junctions. These systems are designed to capture minor and moderate flow and to prevent nuisance ponding and flooding.

By contrast, the major system is designed to safely convey major overland flows and reduce the risk of major flooding and infrastructure damage. This system typically includes curb and gutter containment along roadways within an urban cross section, drainage ditches, natural streams and storm water management facilities.

An analysis has been completed to evaluate the ability of the existing and proposed drainage systems to safely capture and convey the runoff for selected return periods.

4.1. DESIGN CRITERIA

The drainage analysis was completed to develop strategies for the management of stormwater within the Town boundary. The Sylvan Lake Development Process and Design Guidelines (2018) and Alberta Environment and Parks Stormwater Management Guidelines (1999) were the main sources of design criteria for the assignment. This analysis examines both existing stormwater infrastructure and proposed stormwater infrastructure within the Town.

The drainage analysis was undertaken with the following aims:

- The minor system has adequate capacity to convey the runoff from the 1:5-year return period storm event; and
- The major system (ditches, roadways, etc.) has adequate capacity to safely convey runoff during the 1:100-year return period storm – with some nuisance flooding being deemed acceptable.

The drainage analysis will be conducted in a manner to ensure that the discharge of stormwater from future developments meet Town standards including:

- Rate control targets; and
- Quality Control Targets.

Several municipalities in Alberta have introduced volume control targets to reduce the impact to downstream receiving water bodies (i.e. erosion) because of increased runoff volumes. A study should be completed to assess the impact of increased runoff volumes on downstream water bodies with a focus on Sylvan Creek / Cygnet Creek and Cygnet Lake. The results of the study should indicate whether the Town should adopt both rate and volume control targets.

The following rate control and quality control targets were adopted for this study and should be adopted within future developments in the Town:

- To improve stormwater runoff quality and reduce the potential impact on the receiving waters, flows will be required to meet water quality targets as set out by Alberta Environment and Parks. These targets require that at least 85% of total suspended solids (TSS) from stormwater runoff be removed for particle sizes greater than or equal to 75 microns;

- Based on the Town of Sylvan Lake Stormwater Master Plan (2010) a unit area release rate of 2.1 L/s/ha for the 100-year design storm will be required for all proposed developments being completed on previously undeveloped areas; and

- McElhanney will make recommendations regarding release rate targets for proposed re-development within the downtown core. These targets will be based on the existing capacity of the downstream storm sewers and pump stations.

Pipes were deemed to be under capacity, and therefore recommended for upgrade, if the design flow (based on existing conditions) is greater than the capacity of the pipe ($Q_{DES} > Q_{CAP}$). For storm sewers recommended for upgrade based on capacity constraints, recommended upgrades have been prioritized and ranked based on the existing system Hydraulic Grade Line (HGL) analysis and perceived importance in the drainage system. Perceived importance is based on:

- The relative size of the contributing catchment area;
- Location of sewer alignment (i.e. easement through private property, local road, arterial road, etc.); and
- Location of flooding upon sewer failure.

Higher priority is given to locations where the HGL is modeled to be above the ground and down to within 0.3 m below the ground surface under the 5-year return period design storm, causing an expectation of frequent flooding / ponding. Lower priority is given to locations where the HGL is expected to be surcharged; however, is modeled to not exceed 0.3 m below the ground surface. Once a priority was established based on the HGL analysis, the ranking was completed based on the perceived importance in the overall drainage system.

It is recommended that the Town re-visit the ranking and proposed upgrade phasing and adjust the project priorities based on available budget, other capital projects (i.e. roadway, water, sanitary, etc.) being completed in the area, maintenance issues, etc.

Overland flow routes have been identified as under capacity if flow depths exceed ditch depths or if flow depths along curbside gutters exceed 0.3 m as per the City of Calgary Stormwater Management and Design Guidelines (City of Calgary, pg. 133, 2011). The combination of the velocity and flow depth of the overland flow under the 100-year storm event was also analyzed to confirm the flows met the permissible overland flow conditions (QVD) as outlined in Alberta Environment and Parks Stormwater Management Guidelines (Table 3-1, 1999). *Table 5, page 24* outlines the permissible overland flow requirements.

Table 5: Permissible Overland Flow Conditions based on Alberta Environment and Parks Stormwater Management Guidelines (Table 3-1, 1999)

VELOCITY (m/s)	PERMISSIBLE DEPTH (m)
0.5	0.80
1	0.32
2	0.21
3	0.09

4.2. HYDROLOGIC / HYDRAULIC MODELING

Single event computational modeling was undertaken to evaluate the existing and proposed drainage systems under peak design discharge conditions. The hydrologic / hydraulic model was developed in PCSWMM version 7.1. PCSWMM is an adaptation and enhancement of the well-known and widely used United States Environmental Protection Agencies (USEPA) Stormwater Management Model (SWMM) version 5.1. PCSWMM was developed by Computational Hydraulics International (CHI) as a combination hydrology-hydraulic model.

The hydrology component performs the rainfall to runoff conversion by applying a user-selected loss method that considers both pervious and impervious areas. A runoff hydrograph is then generated for each of the specified catchments, based on the catchment's characteristic width and roughness. The hydrograph is then routed to a junction. From there, the hydraulic portion of the model routes the flow through a series of conduits (ditches, storm sewers, culverts, etc.) and storage elements using a routing methodology, such as the Dynamic Wave equation used in this analysis. The Dynamic Wave methodology was selected for this assignment primarily as it can effectively account for backwater (surcharge) effects.

The drainage system was analyzed using a dual drainage model. The dual drainage model was set up in PCSWMM using the dual drainage creator tool. A standard roadway cross section (15 m wide, 2% crown and 0.3 m available storage depth) was used to model the overland flow. For this analysis the dual drainage system was set up without inlet constriction. Therefore, flow was able to feely enter the minor system and would only flow overland once the capacity of the minor system was exceeded.

Hydrologic / hydraulic modelling requires several inputs to simulate the rainfall-to-runoff and routing process. *Table* 6*, page 26* identifies the global input parameters required for the hydrologic / hydraulic simulation of the catchment areas and conduits. The following assumptions were made in the selection of parameters:

- Depression storages are based on typical values used for similar land uses and soils types; and
- Infiltration losses are estimated using the Green-Ampt method; these values are based on the soil characteristics outlined in *Section 3.3*; and

Table 6: Hydrologic Model Input Parameters

PARAMETER	VALUE	SUPPORTING DOCUMENT / ASSUMPTIONS
Catchment Area	NA	Catchments were delineated based on cadastral data and LiDAR data provided by the Town
Overland Impervious Manning's n	0.013	Assumed for asphalt and concrete (Storm Water Management Model Reference Manual Volume I – Hydrology, pg. 75, 2016)
Overland Pervious Manning's n	0.15	Based on sheetflow through grass (Storm Water Management Model Reference Manual Volume I – Hydrology, pg. 75, 2016)
Catchment Slope	Based on DEM Provided	NA
Impervious Depression Storage (mm)	1.6 mm	Alberta Environment and Parks Stormwater Management Guidelines (pg. 4-2, 1999)
Pervious Depression Storage (mm)	3.2 mm	Alberta Environment and Parks Stormwater Management Guidelines (pg. 4-2, 1999)
Impervious Disconnect	Dependent of Location	NA
Infiltration Loss Method	Green-Ampt	NA
Suction Head	292.2 mm	Soil assumed to be Clay Till (Based on review of all geotechnical reports provided)
Conductivity	3.0 mm/hr	Soil assumed to be Clay Till (Based on review of all geotechnical reports provided)
Initial Deficit	0.267	Soil assumed to be Clay Till (Based on review of all geotechnical reports provided)
Conduit Manning's n	Concrete – 0.013 PVC – 0.013 CSP – 0.025 Ditch – 0.025 Stream – 0.035	Sylvan Lake Development Process and Design Guidelines (pg. 14-2, 2018)

For this analysis, all runoff was assumed to be able to freely enter the minor pipe system via adequate inlet spacing and capacity. Therefore, under the current analysis, only pipe capacity limitations in the minor system result in increased overland flow. It is recommended that for future assessments on development areas, individual study areas should be reviewed to determine if there is appropriate inlet capacity, which is probably a concern in some locations. Proposed overland flow routes were analyzed with an approximate cross section to determine if the major drainage system in the study area has capacity to safely convey runoff from less frequent, larger events (i.e. 100-year event).

The drainage model developed for the analysis is currently un-calibrated due to a lack of flow monitoring data available to complete a full calibration and validation. Such calibration would require flow-monitoring over at least one wet weather season at strategically located points in the conveyance network.

Instead, the model was developed based on design criteria and background information including GIS data, as-built information, and past reports. A sensitivity analysis of input parameters and a resulting review of the outputs was completed to confirm the results observed in the model are reasonable. Peak discharge rates and runoff volumes from the modelled sub-catchments were reviewed to confirm rates and volumes fall within reasonable and expected ranges, based on similar systems and similar climate conditions.

We recommend the Town complete a flow monitoring program from which the data could be used to calibrate and validate the drainage model developed for this assignment. This should be considered under the next phase of the study, as additional funding becomes available.

The objective of selecting sites for flow monitoring is to identify manholes suitable for model calibration and validation. To confirm that the future collected flow data is reliable and meets the modeling objectives, monitoring locations should be selected based on the following characteristics:

- Located at project boundary points;
- Located on branch lines near trunk sewer;
- Upstream of a system loss;
- Upstream of a pump stations;
- Upstream and downstream of split manholes
- No detention tanks / ponds in the sub-catchment;
- Manholes without a drop between the inlet / outlet pipes;
- The inlet / outlet pipes should be of the same size, have bends smaller than 15 degrees and preferably with slopes below 1%. This would avoid locations where turbulence or supercritical conditions mayoccur;
- No downstream bottlenecks, to avoid backwater effects; and
- The selected sites should represent the different soil textures and types of developments found in the region (e.g. a flow monitor for older and newer residential developments).

A one-minute data collection interval is recommended at all locations.

4.3. DESIGN STORMS

As per the Sylvan Lake Development Process and Design Guidelines (pg. 15-4, 2018) the Chicago distribution was used in the development of the design storm for the analysis. The 5-year and 100-year rainfall events were used to analyze the Town's drainage system. *Table 7, page 27* displays the IDF characteristics used to develop the design storms. These values are based on the 2014 IDF curve for the Red Deer Airport station developed by Environment Canada.

As per the Town's request, comparison of rainfall data of the Environment Canada Red Deer Airport station and limited rainfall data gathered at the Town of Sylvan Lake has been analyzed and presented in *Appendix A*. According to this comparison, there is no significant difference in rainfall data measured at the Town and the rainfall data measured at the Environment Canada Red Deer Airport gauging station. Therefore, the use of the Red Deer Airport Station data for the hydrological assessment is acceptable.

As per the Sylvan Lake Development Process and Design Guidelines (pg. 15-4, 2018), the design storm durations ranged from 1 to 24 hours, with all durations of 1, 2, 6, 12 and 24 hours being assessed. The duration providing the largest peak flow was used for the analysis and design of conveyance elements. A storm duration of 24 hours will

be used for the design and assessment of storage facilities and conveyance elements located downstream of storage facilities.

Based on the analysis completed, the 2-hour duration design storm generated the largest peak flow at the outlet locations, as would be expected in largely developed urban areas. Thus, the 2-hour duration storm event was used for the analysis of the conveyance system. For analysis of the stormwater management facilities, the 24-hour duration storm event was used, as it generated the largest runoff volumes.

Table 7: Design Storm Characteristics

PARAMETER	VALUE		
Return Period	2	5	100
a	278.7	408.7	773.8
b	1.346	0.786	0.336
c	0.697	0.712	0.729
Peaking Factor	0.3	0.3	0.3

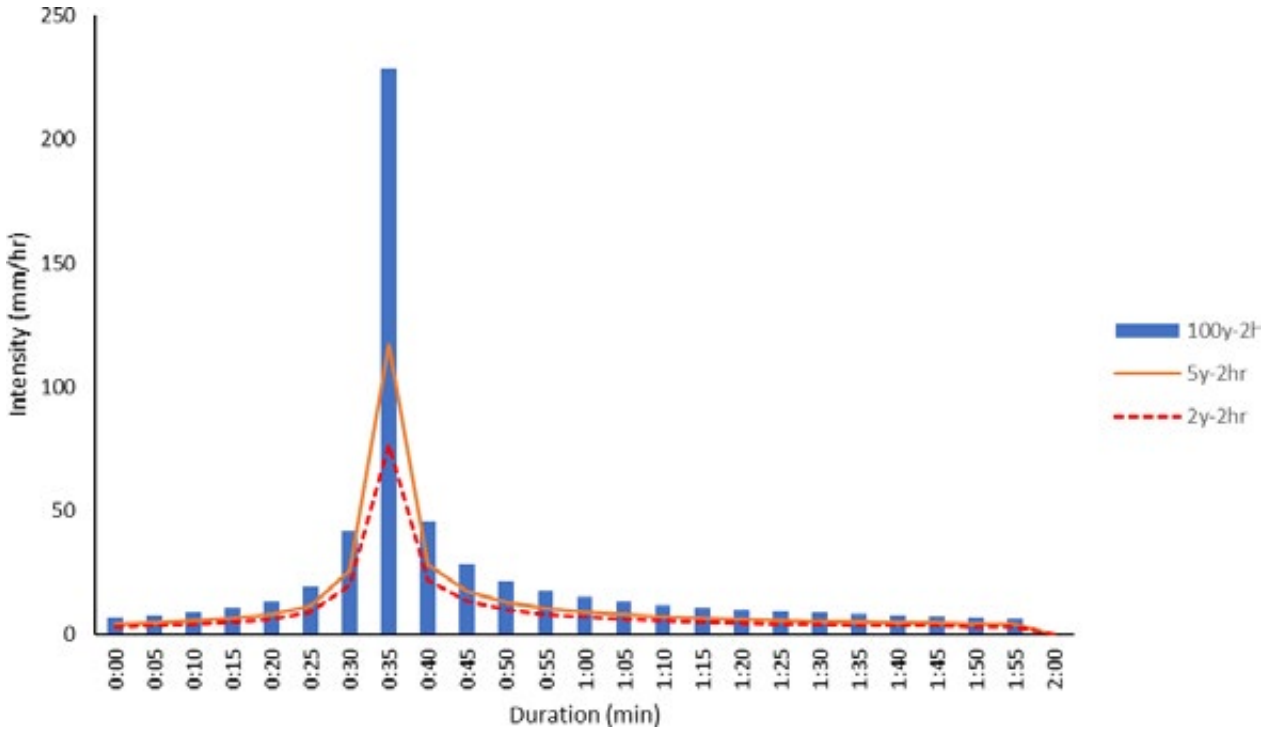

Figure 9: 100-year, 5 year and 2 Year design storm hyetographs - 2 hour

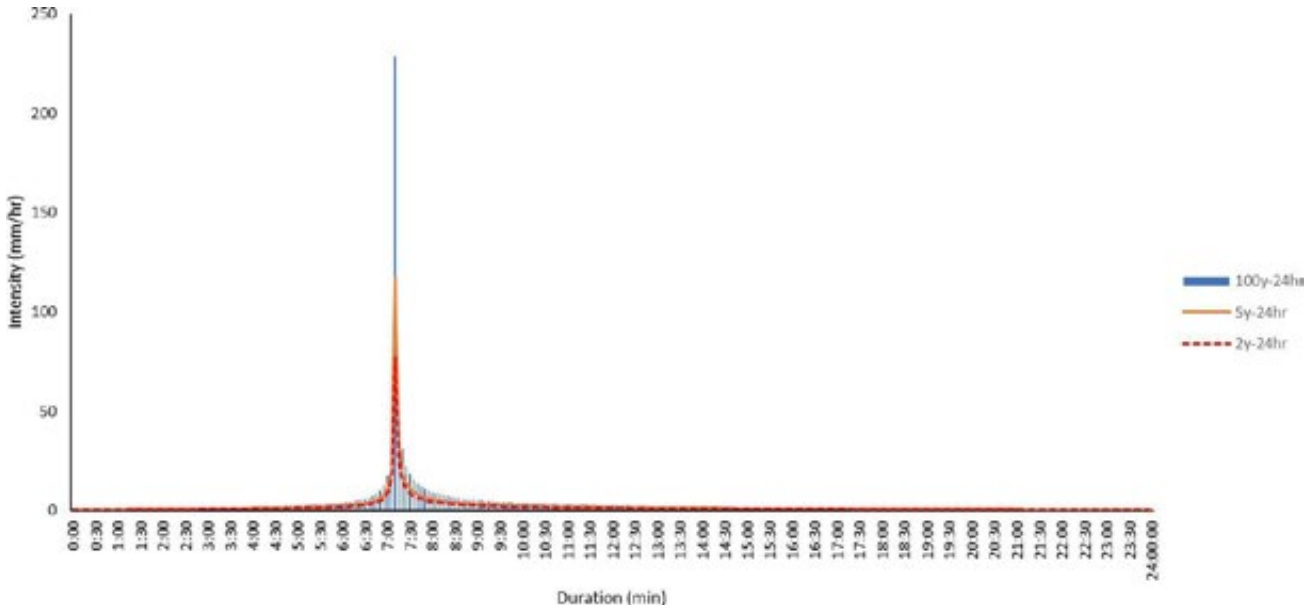

Figure 10: 100-year, 5 year and 2 Year design storm hyetographs - 24 hour

Recent studies have projected that rainfall across Alberta will significantly increase due to climate change. For the design of proposed infrastructure, rainfall data adjusted for climate change are used. Modified rainfall rates are generated for the area using the web-based Computerized Tool for the Development of Intensity-Duration Frequency Curves under Climate Change (IDF-CC tool) from the University of Western Ontario and the Institute for Catastrophic Loss Reduction (ICLR). The modified rainfall values are used as input into the PCSWMM model to size the proposed stormwater infrastructure. General steps that have been carried out include:

- Development of adjusted hyetographs for the future 5-year and 100-year return period design storms;
- Update and analyze the future drainage system model and assess the additional required upgrades; and
- Development of additional upgrade maps for potential inclusion into the upgrade phasing program.

The IDF-CC tool uses Global Environmental Multiscale Models (GEM) developed by the Pacific Climate Impacts Consortium (PCIC) for the projection of future rainfall data. As recommended by the Inter-governmental panel on Climate Change (IPCC), an ensemble of models was used in the development of the projected IDF curves. The tool also allows for the selection of various emission scenarios. The representative concertation pathway (RCP) scenarios as outlined by the IPCC were analyzed. Four RCP scenarios were adopted through the IPCC. The scenarios were adopted to guide a constant modeling approach among practitioners. The scenarios adopted range from RCP 8.5 (corresponding to a high emissions level), to RCP 2.6 (which corresponds to greenhouse gas reductions). Two intermediate scenarios, (RCPs 4.5 and 6.0), were selected to be evenly spaced between RCPs 2.6 and 8.5.

Table 8: 2100 Rainfall Amounts Based on RCP Scenarios (2-hour storm)

RETURN PERIOD	SCENARIO RCP 2.6		SCENARIO RCP 4.5		SCENARIO RCP 8.5	
	2014 RAINFALL ACCUMULATION[1] (mm)	2100 RAINFALL ACCUMULATION (mm)	2014 RAINFALL ACCUMULATION[1] (mm)	2100 RAINFALL ACCUMULATION (mm)	2014 RAINFALL ACCUMULATION[1] (mm)	2100 RAINFALL ACCUMULATION (mm)
5	24.61	26.4	24.61	27.37	24.61	30.09
100	41.68	60.21	41.68	60.19	41.68	59.30
1) Based in 2014 Red Deer IDF developed by Environment Canada 2) Based on 2-hour storm event						

The middle scenario, RCP 4.5, was selected for the generation of the future IDF curves. A target design life of 100 years was used for the design of the proposed infrastructure. Therefore, the projected IDF curve for 2100 was used for the future analysis. *Table 9, page 30* outlines the increase in total accumulated rainfall and rainfall intensity for a 2-hour storm. Based on the IDF_CC tool a 11% increase in total accumulated rainfall is projected for the 5-year 2-hour event from 2014 to 2100 and a 44% increase in total accumulated rainfall is projected for the 100-year 2-hour event from 2014 to 2100.

It is important to note that there is substantial uncertainty involved in the modeling of future rainfall and values may change significantly. These values should be updated as the design of proposed infrastructure moves forward.

Table 9: Projected rainfall values for 2100 based on IDF_CC tool (Based on 2 hour storm)

RETURN PERIOD	2014 RAINFALL[1]		PROJECTED 2100 RAINFALL	
	ACCUMULATION (mm)	PEAK INTENSITY[2] (mm/hr)	ACCUMULATION (mm)	PEAK INTENSITY[2] (mm/hr)
5	24.61	62.39	27.37	67.53
100	41.68	116.99	60.19	183.03

1) Based in 2014 Red Deer IDF developed by Environment Canada
2) Based on 15-minute time of concentration

5. EXISTING STORMWATER SERVICING

5.1. EXISTING DRAINAGE SYSTEM

Figure 11, page 35 displays the existing stormwater system servicing for the Town. Storm sewers in the Town range from 150 mm diameter to 1200 mm diameter. *Table 10, page 32* provides a summary of stormwater conveyance pipes currently owned and operated by the Town. The summary of existing pipe information is based on the GIS data provided by the Town.

Approximately 75% of the drainage network within the Town is comprised of PVC pipes with over 60% of the pipes being installed post 2000.

Figure 12, page 36 and *Figure 13, page 37* graphically illustrate the pipe materials and installation dates.

A segment of concrete pipe installed during the 1970's conveys flows along Westview Drive and is the oldest storm sewer segment within the Town. Pipes within the downtown core, the western half of Hewlett Park and in the residential neighborhood between 43rd Street and 50th Street were installed in the 1980's and 1990's. As shown in *Table 11* PVC pipes typically has a design life of 75 years. Therefore, since many of pipes were installed in the 1990's and 2000's, approximately 75% of pipes will be past the expected design life between 2065 and 2085. This may result in significant capital expenditure during this time period for maintenance of the storm system. Please note, however, that the average service life of any pipe material can be approximated but depends on a variety of factors, including manufacturing process, installation, soils and environmental conditions. High groundwater levels noted throughout the Town, in particular in the Hewlett Park area, may cause the service life of infrastructure to deteriorate at a faster rate. It is recommended that a CCTV inspection program be established as part of the broader asset management practices by the Town to assess the condition of the pipes as the system ages. Typical inspection cycles for modern sewer pipes is approximately 10 years with limited inspection required within the first 20 years of installation, unless other issues present themselves.

The areas east of Highway 20 and within the Town boundary are comprised of industrial and commercial land uses. The region is drained overland by a series of roadside ditches and culverts which convey flows east, eventually discharging into Sylvan Creek / Cygnet Creek and then Cygnet Lake. The area is relatively flat with ditches and culvert slopes varying from 0 – 1.0%. For the analysis completed, the ditches have been modeled with an assumed trapezoidal cross section, with a 1 m bottom width, 1 m maximum depth and 3:1 side slopes. The major system within the region (i.e. the ditches and culverts) was analyzed based on the ability to convey the major (100 year) storm event. Ditches typically have a larger hydraulic conveyance capacity and no major flooding issues were noted within the ditch system east of highway 20.

It is recommended that the ditches be regularly maintained through vegetation removal, sediment removal and re-shaping. Vegetation removal is recommended every 2 years and evaluation for re-shaping and grading is recommended every 25 years if appropriate on-site stormwater management controls are required in the development to prevent undue release of sediment.

Table 10: Summary of Stormwater Conveyance Pipes

MATERIAL	SMALLEST SIZE (mm)	LARGEST SIZE (mm)	PIPE LENGTHS (m)							
			PIPE INSTALLATION DATE							TOTAL
			UNKNOWN	1960 – 1970	1971-1980	1981-1990	1991-2000	2001-2010	2011-2017	
Concrete	200	1200	49		898	2,058	1,888	2,847	282	**8,322**
CSP	300	750	0	0	0	1,789	0	0	48	**1,837**
Perf-PVC	600	600	0	0	0	127	0	0	0	**127**
PVC (Ultra-Rib)	200	750	18	0	0	0	0	486	2,166	**2,670**
PVC	150	1050	282	0	0	4,549	6,371	16,164	5,955	**33,321**
STEEL	1050	1050	0	0	0	0	0	198	0	**198**
UNKNOWN	200	1050	620	0	0	19	521	341	45	**1,546**
Total			**969**	**0**	**898**	**8,542**	**8,780**	**20,036**	**8,796**	**48,021**

Table 11: Assumed Typical Service Life for Various Materials

MATERIAL ABBREVIATION	MATERIAL	ASSUMED TYPICAL PIPE SERVICE LIFE (YEARS)
CSP	Corrugated Steel Pipe	30
CMP	Corrugated Metal Pipe	30
PVC	Polyvinyl Chloride Pipe	75
Perf. PVC	Perforated Polyvinyl Chloride Pipe	75
AC	Asbestos Cement Pipe	50
ST	Steel Pipe	30
CONC	Concrete Pipe	100
DI	Ductile Iron Pipe	75

Several areas within the Town appear to have missing or incorrect storm sewer information on file. To complete the computational modeling, sizes and slopes of missing storm sewers have been assumed. Storm sewers for which data was not available have been assumed to be 300 mm in diameter, at either a constant slope or with a cover of 2 m to existing ground elevation, depending on the topography. Rim elevations were generated based on the LiDAR data provided. In areas where geometrics of larger upstream or downstream mains were known, assumed pipe diameters were adjusted to match the known sewer diameter.

The Town currently maintains 15 wet and dry stormwater management facilities. For computational modeling purposes, if the as-built for the pond was not provided, a dry pond was assumed to have a depth of 1.5 m and a

wet pond was assumed to have an active storage depth of 2 m. The stage-area curve was created based on as-builts or measurements from the 2017 aerial photo provided by the Town.

Figure 11, page 35 outlines the locations of the wet and dry ponds.

5.2. RUNOFF VERIFICATION

As discussed in *Section 4.2*, a sensitivity analysis of input parameters and resulting review of the outputs was completed to confirm that the runoff estimated from the modelled catchments is reasonable. This review aids in the development of a reasonable initial assessment of system deficiencies and capital project needs. Peak discharge rates and runoff volumes from the modelled sub-catchments were reviewed to confirm rates, runoff coefficients and volumes fall within reasonable and expected ranges, based on similar systems and similar climate conditions.

Table 12, page 33 outlines the results of the runoff verification for the 5-year 2-hour design storm. As expected, the resultant runoff coefficients from the modeling are generally lower than design values outlined in the applicable design guidelines. This can be attributed to the loss methods applied within the computational modeling and the impervious disconnect assumed during the modeling exercise. The unit area release rates observed in the model results generally align with values expected for each land use considering the peaky Chicago design storm used.

Table 12: Runoff Verification

LAND USE	LAND USE DESCRIPTION	ASSUMED PERCENT IMPERVIOUS (%)	AVERAGE RUNOFF COEFFICIENT FROM PCSWMM MODEL (UNITLESS)	SYLVAN DESIGN GUIDELINES RUNOFF COEFFICIENT (UNITLESS)
AG	AGRICULTURE	30	0.14	0.2
CH	HIGHWAY COMMERCIAL	80	0.75	0.85
CN	NEIGHBOURHOOD CONVENIENCE COMMERCIAL	65	0.63	0.65
CNS	NEIGHBOURHOOD SHOPPING CENTRE	65	0.61	0.65
DC-1	DIRECT CONTROL DISTRICT[1]	65	0.60	0.65
DC-2	DIRECT CONTROL DISTRICT[1]	65	0.60	0.65
DC-50	50 STREET DIRECT CONTROL[1]	65	0.60	0.65
EOS	ENVIRONMENTAL OPEN SPACE	5	0.05	0.2
I1	LIGHT INDUSTRIAL	70	0.67	0.65*
I2	HEAVY INDUSTRIAL	80	0.75	0.75*
L-DC	LAKESHORE DIRECT CONTROL DISTRICT[1]	65	0.60	0.65
PF	PUBLIC FACILITY	30	0.20	0.3
R1	LARGE LOT RESIDENTIAL[2]	35	0.34	0.35
R1A	MEDIUM LOT RESIDENTIAL[3]	40	0.38	0.4*
R2	MEDIUM DENSITY RESIDENTIAL[4]	50	0.47	0.5*

LAND USE	LAND USE DESCRIPTION	ASSUMED PERCENT IMPERVIOUS (%)	AVERAGE RUNOFF COEFFICIENT FROM PCSWMM MODEL (UNITLESS)	SYLVAN DESIGN GUIDELINES RUNOFF COEFFICIENT (UNITLESS)
R3	HIGH DENSITY RESIDENTIAL5	70	0.62	0.7*
R4	MANUFACTURED HOME[6]	40	0.37	0.35*
R5	NARROW LOT GENERAL RESIDENTIAL[7]	50	0.47	0.5*
R5A	NARROW LOT DUPLEX RESIDENTIAL[8]	65	0.60	0.7*
RF	RECREATION FACILITY	30	0.23	0.2
FD	FUTURE DESIGNATION (undeveloped)	5	0.05	0.1
W-DC	WATERFRONT DIRECT CONTROL DISTRICT[1]	65	0.58	0.65
Paved Road	Paved Road (Includes entire ROW)	70	0.65	0.9

1) Treated as of Neighbourhood Commercial based on review of aerial photo

2) Treated as suburban based on review of aerial photo

3) Treated as Single Family Urban based on review of aerial photo

4) Treated as Multiple detached Homes based on review of aerial photo

5) Treated as Multiple Attached Homes (Townhouses)/apartments based on review of aerial photo

6) Treated as Single Family Urban based on review of aerial photo

7) Treated as Multiple detached Homes based on review of aerial photo

8) Treated as multiple attached based on review of aerial photo

Sylvan Lake

WESTWOOD LANE
39TH ST. PUMP STATION
HAMPTON POINT POND
43RD ST. PUMP STATION
HEWLETT PARK
GREYHAWK
WILLOW SPRINGS
NORELL BUSINESS PARK
FOX RUN PH6-7
FOX RUN PH14
RYDERS RIDGE
LIGHTHOUSE POINT POND 1
LAKEWAY LANDING PHASE 1
LIGHTHOUSE POINT POND 2
SIXTY-WEST POND 2
VISTA AT RYDER'S RIDGE
SIXTY-WEST POND 1
PIER VIEW
SIXTY-WEST POND 3
CRESTVIEW
LAKEWAY LANDING PHASE 2
BEACON HILL

Range Road 20
Grand Avenue
60 Street
39 Street
43 Street
Lakeshore Drive
50 Avenue
Industrial Drive
Range Road 12
11A Highway
Thevenaz Industrial Trail
Range Road 11
Hinshaw Drive
Township Road 385
48 Avenue
47 Avenue
45 Avenue
Sylvan Creek / Cygnet Creek
Cygnet Lake
Fir dale Drive
Westview Drive
Reynolds Road
Memorial Trail
20 Highway
Township Road 384
50 Street
Range Road 15
11 Highway

N

Legend

- Town Boundary
- Watercourse
- Pump Station (PS)
- Future Pond
- Existing Pond
- Storm Manholes
- Storm
- Force Main
- Culvert
- Ditch

0 125 250 500 750 1,000 (m)

1:22,500

Coordinate System: NAD 1983 3TM 114

Project No.	2511-00966-00
Date	May 2019

McElhanney

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Figure 11

Existing Minor System

Sylvan Lake

Author: HSHIN

Document Path: M:\Proj\2511-00966 Sylvan Lake SWMP\4.6 Drainage\4.6.2 Reporting\4.6.2.5 Figures\Figure 11 - Existing Minor System.mxd

Sylvan Lake

Grand Avenue

11A Highway

Jarvis Bay Drive

Lakeshore Drive

39 Street

50 Avenue

Industrial Drive

Range Road 20

Range Road 12

Range Road 11

60 Street

50 Avenue

48 Avenue

47 Avenue

Township Road 385

Sylvan Drive

Fir Close

Baywood Link

Sylvan Creek / Cygnet Creek

Cygnet Lake

Golf Course Creek

Township Road 384

Memorial Trail

20 Highway

50 Street

Range Road 15

11 Highway

N

Legend

- Town Boundary
- Watercourse
- Culvert
- Storm Manholes

Pipe Material

- CONC
- CSP
- PVC
- PVC PERF
- PVC-UR
- STEEL
- UNKNOWN

0 125 250 500 750 1,000 (m)

1:22,500

Coordinate System: NAD 1983 3TM 114

Sylvan Lake

Project No.	2511-00966-00
Date	May 2019

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Figure 12

Minor System Review: Pipe Material

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Sylvan Lake

Sylvan Creek / Cygnet Creek

Cygnet Lake

Golf Course Creek

Range Road 20
Range Road 12
Range Road 11
Range Road 15
11A Highway
11 Highway
20 Highway
Township Road 385
Township Road 384
Grand Avenue
Jarvis Bay Drive
Lakeshore Drive
39 Street
50 Avenue
Sylvaine Close
60 Street
Marina Bay Court
50A Avenue
Hinshaw Drive
44 Street
50 Avenue
48 Avenue
47 Avenue
45 Avenue
Radcliff Way
Firdale Drive
Memorial Trail
Craig Road
50 Street

Legend

- Town Boundary
- Watercourse
- Storm Manholes

Install Year

- 1970 - 1979
- 1980 - 1989
- 1990 - 1999
- 2000 - 2009
- 2010 - 2018
- UNKNOWN

0 125 250 500 750 1,000 (m)

1:22,500

Coordinate System: NAD 1983 3TM 114

Project No.	2511-00966-00
Date	May 2019

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Figure 13

Minor System Review: Age of Infrastructure

Sylvan Lake

Author: HSHIN

Document Path: M:\Proj\2511-00966 Sylvan Lake SWMP\4.6 Drainage\4.6.2 Reporting\4.6.2.5 Figures\Figure 13 - Minor System Review - Age of Infrastructure.mxd

5.3. CAPACITY ASSESSMENT

Computational modelling was undertaken to simulate the rainfall-to-runoff process and determine the peak flows from the sub-catchments during the design storm events. A modeling scenario was developed in PCSWMM to determine if the existing minor system has adequate capacity to convey the 5-year design flows. The simulation parameters and general assumptions for this model are summarized in *Section 4.1*.

Modelling revealed that peak runoff exceeds the capacity of a substantial number of the Town's existing storm sewers during the 5-year 2-hour event. The capacity of the minor system during the 5-year design storm is depicted in *Figure 14,page 40*, with colour classification illustrating the ratios of peak flow to pipe capacity (Q_{DES}/Q_{CAP}) during the design storm event. Therefore, based on the results of the analysis the majority of storm sewers do not have capacity to convey the 5-year 2-hour runoff.

The undersized sewers typically have shallower slopes, less than 1.0%. Furthermore, there are several storm sewers, in the downtown core and Hewlett Park region with slopes less than 0.30%. These storm sewers, in addition to capacity issues, may have sedimentation issues. The maximum velocity observed along the shallow pipe segments during the design event is typically observed to be less than 1.0 m/s. The low maximum velocities (below anticipated scour velocities) may result in sediment buildup within these pipe segments. It is recommended that storms sewers with slopes less than 0.3% be flushed every five years to prevent sediment buildup.

The analysis completed revealed that the reduced capacity of these pipe segments causes water to surcharge and backup during the 5-year 2-hour storm event.

It is important to note that the model is uncalibrated. Although a review of unit area release rates and runoff coefficients confirmed that the estimate runoff is within an expected range, calibration of the model is required to confirm results.

The colour classification used in *Figure 15, page 41* depicts the manholes where the modeled design storm HGL is:

- Below the crown of the connecting pipes (cyan-coloured),
- Above the crown but 0.3m below the ground surface (dark green-coloured)
- Within 0.3 m of the surface, but still under the surface (yellow-coloured), and
- Above the ground and surface ponding occurs (red-coloured).

The storm sewers under capacity cause the storm sewer system to surcharge. The modeling was completed using a dual drainage model. Therefore, flow unable to be conveyed in the Town's storm sewer system is conveyed overland along the roadway.

It is important to note that the modeling of the minor system assumed that the overland flow can reach the inlets into the minor system and that inlet capacity is not a limiting factor. This is however, not usually the case; the purpose of the analysis completed is to assess the ability of the minor system to convey the 5-year design flows. A review of the catchbasin locations found in the GIS data provided by the Town indicate that in several neighborhood's runoff needs to travel long distances (greater than 150 m) before reaching an inlet. This is very common in the Town's older neighbourhoods (between 50th St and 43rd St). Therefore, the modelling may be overestimating the capture rate of the minor system in these areas. For the newer neighbourhoods (post 2000), it is expected that the system was designed to fully capture the 5-year event, therefore, the impact of capture rates in these areas should not be as significant.

The two downtown pump stations (43rd St and 39th St) do not have capacity to convey the 5-year design storm flow. The inability of the pump stations to convey the 5-year flow results in a backwater effect in the rest of the upstream piped conveyance system. This results in an elevated HGL throughout the Lakeshore Drive storm sewer system.

There is expected to be substantial surface ponding along 47th Ave in the segment between 43rd St and Highway 20 during the 5-year event. The other pipe segments along 47th Ave noted as having capacity constraints are not expected to surcharge to the road surface under existing conditions but are subject to expected surcharge conditions. These pipes have been recommended for upgrades, as this route follows along a major arterial road.

The Hewlett Park region also exhibited modeled surcharge and surface ponding during the 5-year event under existing conditions. The relative flat terrain found in the Hewlett Park region causes substantial backwatering. The submerged outlet for the Hewlett Park region also results in substantial backwatering of the entire system. The Hewlett Park system is discussed in more detail in *Section 5.6*.

The Westview Drive storm sewer was also found to be over capacity causing surface ponding during the 5-year design storm. The Westview Drive storm sewer traverses several private properties through utility easements to convey flows to Fern Crescent and eventually to the Fox Run Phase 6-7 dry pond. Surface ponding during the 5-year 2-hour event was observed in the segment within the private easement. Surface ponding within the easement may result in damage to private property and is recommended to be upgraded.

Pipe profile results showing the maximum HGL for major trunk sewers shown to be surcharging under existing conditions are provided in *Appendix B*.

It is recommended that the Town revisit the runoff coefficients used for the design of the minor system in residential areas. Based on a review of aerial photos, it was observed that lot coverage for residential lots constructed post 1990 was substantial (60%). This typically results in an increase in the overall impervious area and subsequently the runoff for single family residential neighbourhoods. It is recommended that the Town use the flow monitoring data proposed to develop and calibrate runoff coefficients for these residential areas and as a result of the findings, update the Town's stormwater management design guidelines.

In the interim it is recommended to increase the design residential runoff coefficient to the following values as per Table 3-10 in the City of Calgary Stormwater Management and Design Guidelines (2011):

- Single Family Urban: 0.4
- Multi-family detached: 0.5
- Multi-family attached: 0.68
- Roadways: 0.95.

Sylvan Lake

WESTWOOD LANE
HAMPTON POINT POND
HEWLETT PARK
GREYHAWK
WILLOW SPRINGS
FOX RUN PH6-7
NORELL BUSINESS PARK
FOX RUN PH14
RYDERS RIDGE
LIGHTHOUSE POINT POND 1
LAKEWAY LANDING PHASE 1
LIGHTHOUSE POINT POND 2
SIXTY-WEST POND 2
VISTA AT RYDER'S RIDGE
SIXTY-WEST POND 1
PIER VIEW
SIXTY-WEST POND 3
CRESTVIEW
LAKEWAY LANDING PHASE 2
BEACON HILL

Range Road 20
Grand Avenue
Jarvis Bay Drive
Range Road 12
11A Highway
Lakeshore Drive
39 Street
50 Avenue
51 Street
48 Avenue
Township Road 385
47 Avenue
Sylvan Creek / Cygnet Creek
Cygnet Lake
Sylvan Drive
Fir Close
Golf Course Creek
Memorial Trail
Township Road 384
20 Highway
50 Street
Range Road 15
Range Road 13
11 Highway
Road 11

N

Legend

- Town Boundary
- Watercourse
- Future Pond
- Existing Pond
- Storm Manholes
- Force Main
- Culvert
- Ditch

Storm Sewers: Q / Q_{cap} (%)

- 0 - 30
- 30 - 60
- 60 - 90
- 90 - 100
- > 100

0 125 250 500 750 1,000 (m)

1:22,500

Coordinate System: NAD 1983 3TM 114

Sylvan Lake

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Project No.	2511-00966-00
Date	May 2019

Figure 14

Existing Minor System Capacity Analysis

Author: HSHIN

Document Path: M:\Proj\2511-00966 Sylvan Lake SWMP\4.6 Drainage\4.6.2 Reporting\4.6.2.5 Figures\Figure 14 - Existing Minor System - Capacity Assessment.mxd

Sylvan Lake

Grand Avenue

11A Highway

Range Road 20

60 Street

50 Avenue

48 Avenue

Lakeshore Drive

39 Street

Jarvis Bay Drive

Industrial Drive

Range Road 12

47 Avenue

Sylvan Creek / Cygnet Creek

Township Road 385

Sylvan Drive

Fir Close

Baywood Link

Golf Course Creek

Township Road 384

Memorial Trail

20 Highway

50 Street

Range Road 15

11 Highway

N

Legend

- Town Boundary
- Watercourse
- Culvert
- Ditch

Conduits

- Surcharge
- Not Surcharging

Manholes:
HGL

- HGL < Crown
- Crown < HGL < 0.3m from Ground
- HGL > 0.3m from Ground
- HGL > Ground
- road_segment_1
- road_segment_1 selection

0 125 250 500 750 1,000 (m)

1:22,500

Coordinate System: NAD 1983 3TM 114

Sylvan Lake

Project No.	2511-00966-00
Date	May 2019

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Figure 15

Existing Minor System HGL Assessment

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5.4. EXISTING OVERLAND FLOW CONVEYANCE

Overland flow routes are incorporated within a drainage system with the intent of providing a safer flow path when the minor storm system becomes overwhelmed during a major storm event (greater than 5-year recurrence interval). These overland flow routes are typically not well defined in the asset database. As discussed, in *Section 4.2* the modeling was completed using a dual drainage model based on the LiDAR data provided. As per the Sylvan Lake Design Guidelines (2018) the overland drainage system was assed using the 100-year 2-hour design storm.

Several locations experience ponding above the assumed 0.3 m high roadway curbs during the major event. During the 100-year design storm, flow depths exceed 0.3 m along Westview Drive and along 47th Ave between 43rd St and Highway 20. Flow depths also exceed 0.3 m during the 100-year event within the Hewlett Park region and in the downtown region.

As shown in *Figure 16, page 43*, the significant flow conveyed along Westview Drive and 47th Ave result in velocities and depths which exceed the permissible overland flow conditions as outlined by Alberta Environment and Parks Stormwater Management Guidelines (Table 3-1, 1999).

The majority of overland flow routes typically have the capacity to convey the 100-year runoff within the ROW to the nearest ditch or pond.

The conveyance capacity of several major culverts (> 1,050 mm diameter) conveying flows within the Town's drainage system were assessed based on the flows generated from the 100-year, 2-hour storm event. Flows, culvert sizes and materials were based on the GIS data provided by the Town and a review of site photos. Slopes were based on inverts generated by the DEM surface provided by the Town. The major culverts examined appear to be in good condition, with a HW/D during the 100-year event under 1.5. Only one major culvert appeared to be undersized during the 100-year analysis. Culvert C87 (crossing industrial Drive immediately north of Cuendet Industrial Way) is a double barrel 1,200 mm diameter culvert which coveys flows from a catchment area of approximately 170 ha east towards Cygnet Lake. The culvert has a very shallow slope of approximately 0.5% which causes the capacity issues during the analysis. It is recommended that if the Town notices drainage issues surrounding the culvert, localised ditch re-grading be conducted to increase the grade of the culvert.

Figure 17, page 44 outlines the existing overland flow routes and the potential flooding locations.

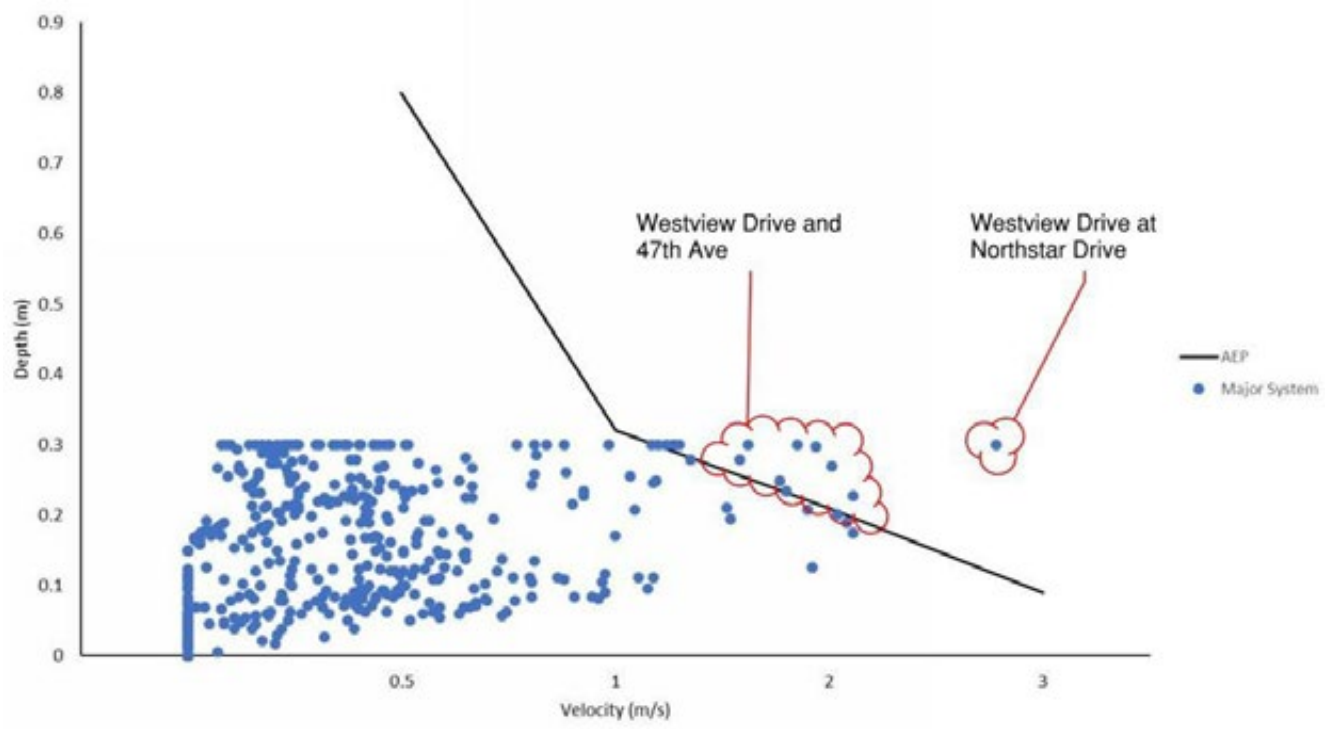

Figure 16: Modeled overland flow compared against permissible overland flow conditions based on Alberta Environment and Parks Stormwater Management Guidelines (Table 3-1, 1999)

Table 13: Summary of Major Culvert Crossing (1200 mm diameter and larger)

CROSSING	GIS ID	DIAMETER	MATERIAL [2]	Q_{100} (m^3/s)	HW/D
Golf Course Creek at Lakeshore Drive	GCC2	2,000 mm	CSP	See Note 1	See Note 1
Hinshaw Drive	HPC14	1,200 mm	CSP	5.1	1.24
Herder Drive at Highway 20	HPC15	2 x 1,200 mm	CSP	4.8	1.25
Highway 20 south of Herder Drive	C30	Box 1000 x 1200	CONC	4.9	1.33
Industrial Drive	C87	2 x 1,200 mm	CSP	5.0	1.80
Erikson Drive at Highway 20	HPC27	1,200 mm	CSP	0.5	0.35
Hagerman Road	HPC29	1,200 mm	CSP	5.4	1.20
Highway 20 at Highway 11	HPC49	1,200 mm	CSP	2.1	0.88
50th Ave at east end of Golf Course	C92	1,200	CSP	1.9	0.50
60 St at Golf Course Creek	GCC45	2 x 1,500 mm	CSP	7.5	1.00
Notes: 1) Culverts are affected by backwater from Sylvan Lake					

Sylvan Lake

WESTWOOD LANE

39TH ST. PUMP STATION

43RD ST. PUMP STATION

HAMPTON POINT POND

HEWLETT PARK

NORELL BUSINESS PARK

GREYHAWK

WILLOW SPRINGS

FOX RUN PH6-7

FOX RUN PH14

LAKEWAY LANDING PHASE 1

SIXTY-WEST POND 2

SIXTY-WEST POND 1

SIXTY-WEST POND 3

LAKEWAY LANDING PHASE 2

RYDERS RIDGE

LIGHTHOUSE POINT POND 1

LIGHTHOUSE POINT POND 2

VISTA AT RYDER'S RIDGE

PIER VIEW

CRESTVIEW

BEACON HILL

Cygnet Lake

Grand Avenue

Lakeshore Drive

39 Street

50 Avenue

Sylvatre Close

Hinshaw Drive

43 Street

48 Avenue

47 Avenue

45 Avenue

Township Road 385

Fir'dale Drive

Westview Drive

Perry Drive

Memorial Trail

50 Street

Township Road 384

11A Highway

11 Highway

Range Road 20

Range Road 12

Range Road 11

Range Road 15

Legend

- Town Boundary
- Watercourse
- Overland Flow
- Spill Direction
- Pump Station
- Future Pond
- Existing Pond
- Low Point
- Potential Flooding
- Force Main
- Culvert
- Ditch

0 125 250 500 750 1,000 (m)

1:22,500

Coordinate System: NAD 1983 3TM 114

Project No.	2511-00966-00
Date	May 2019

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Figure 17

Existing Major System

Sylvan Lake

Author: HSHIN

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5.5. AREAS OF CONCERN

As identified in *Section 1*, based on discussions with Town staff, there are two areas of concern where stormwater management issues have resulted in damage to infrastructure. The two areas of concern include:

3) Hewlett Park:
    a. The Town noted capacity issues within the region; and
    b. Damage to infrastructure due to poor drainage.
4) Golf Course Creek:
    a. The Town has noted significant sedimentation in Marina Bay as a result of sediment loading from Golf Course Creek; and
    b. This has resulted in regular dredging of Marina Bay at significant cost.

Based on the capacity assessment there is one more area of concern analyzed in further detail:

2) The downtown pump stations
    a. The capacity assessment noted substantial surcharging in the downtown region as a result of the existing pump station capacity.

These areas of concern are discussed and analyzed in more detail in the sections below.

5.5.1. Downtown Pump Stations

As shown in *Figure 13, page 37*, the downtown storm sewer was constructed between 1980 to 1999. The data available for the downtown area is minimal and the system is analyzed based on a number of key assumptions. The capacity analysis of the minor system as shown in *Figure 14, page 40* indicates that the system is over capacity. Detailed survey of the existing system is required for a comprehensive analysis and recommendation of mitigation measures.

As shown in *Figure 11, page 35,* the downtown core, north of the CN railway and between 33rd St and 53rd St is drained by two drainage pump stations. The 43rd St pump station has a contributing area of approximately 44 ha, capturing and conveying runoff from 40th St in the east to 53rd St in the west. The 39th St pump station has a contributing catchment area of approximately 13 ha, capturing flow from 33rd St in the east to 40th St in the west.

The pump curves used for the analysis can be found in *Appendix B*. The 43rd Street pump station has a peak pump rate of approximately 600 L/s and the 39th Street pump station has a peak pump rate of approximately 374 L/s. Therefore, based on the current pump configuration, the 43rd St pump station and 39th St pump station have the capacity to convey a unit area release rate from the contributing catchment areas of 13.6 L/s/ha and 28.5 L/s/ha, respectively. The pump station characteristics can be found in *Table 14, page 46*.

It is important to note that information on the pump station and forcemain configuration was not provided for this analysis. Therefore, the pump stations were modeled as a pump located in a standard manhole. Further model developments should include the full characteristics of the pump station and forcemain.

A visual condition assessment of the pump stations was not completed as part of this analysis. It is recommended that a visual inspection of the pump stations be completed during the next phase of the assignment. The visual inspection should identify any operations and maintenance issues with the pump stations as well as the condition of the infrastructure.

Table 14: Pump Station Characteristics

PUMP STATION	CONTRIBUTING AREA (ha)	EXISITNG PEAK PUMP RATE (L/s)	PEAK 5 YEAR INFLOW (L/s)
43rd St Pump Station	44	600	4800
39th St Pump Station	13	374	1340

5.5.2. Hewlett Park

Roadways within Hewlett Park area, especially along Hunter Road and sections of Hinshaw Drive and Hagerman Road, are showing signs of major asphalt heaving and significant cracking or vertical deflections along the concrete infrastructure including, sidewalk, curbing and catch basins. The problems exhibited in the road could be a symptom of poor stormwater management, high ground water table and / or poor road construction.

The Town first noted these issues in 2014 and has indicated that the issues have gotten progressively worse since 2014. Since 2014 the Town has observed:

- full or near full storm pipes;
- damaged catch basin;
- manhole structures; and
- Pavement heaving.

Due to the damage to the infrastructure the Town has indicated that resolving the Hewlett Park area stormwater issues is high priority.

The contributing catchment for the Hewlett Park area is approximately 244 ha, delineated based on the total area contributing area to the outlet ditch from the Hewlett Park area to Sylvan Creek / Cygnet Creek. Due to the interconnected drainage system of the downtown area and the Hewlett Park area, both the Hewlett Park stormwater management system and the Downtown stormwater management system needs to be assessed together.

The Hewlett Park Area is located at the southeast area of Sylvan Lake which unfortunately, is believed to coincide with a high groundwater condition. A review of groundwater hydraulic head data suggests groundwater is likely near to surface, as this area is located close to flowing artesian zones. The actual water table elevation should be verified as this may be an important consideration to proposed mitigative measures for the deteriorating infrastructure. The static water level, groundwater flow direction, vertical flow direction and hydraulic conductivity can be determined by installation of a groundwater monitoring network.

Additional details on the Hewlett Park area can be found in the Storm *Hewlett Park Technical Memorandum #1 – Hewlett Park Preliminary Engineering* included in *Appendix F*.

Hewlett Park Ditches

The two main ditches within the Hewlett Park area are the Hewlett Park North Ditch and the Hewlett Park South Ditch as shown in *Figure 11, page 35*.

The Hewlett Park North Ditch (also referred to as the ‘CN Rail Ditch’) begins on the south side of the CN rail at 39th St, conveying approximately 67.54 ha of surface area runoff. The ditch has an approximate slope of 0.4% and conveys runoff east to the Hampton Point Pond. Based on survey and visual inspection, the ditch was observed to have a trapezoidal cross section with a bottom width of 3 metres, a depth of 1.5 metres and 3H:1V side slopes. The

ditch along the Hampton Point Pond widens with a spillway located between the CN Rail ditch and the Hampton Point Pond.

The Hewlett Park South ditch conveys drainage flow east parallel to Hunter Road and then north parallel to Erikson Drive, ultimately discharging into the Hampton Point Pond. Based on the topographic survey completed the ditch was found to have a shallow slope (measured grades of 0% to 0.2%). The Hewlett Park South ditch conveys surface runoff from approximately 155.46 ha, including most of the downtown core. Based on survey and visual inspection, the ditch was observed to have a trapezoidal cross section with a bottom width ranging between 1 and 3 metres, an average depth of 1.5 m and 3H:1V side slopes. The heavy vegetation combined with the shallow grade of ditch, limits the drainage capacity of the ditch. To account for the heavy vegetation, the manning's n was increased to 0.035 during the existing system analysis.

The two ditch segments are observed to converge at the Hampton Point Pond, where the flow is then conveyed slowly eastward through an open channel ditch system and a series of culverts crossing both Erickson Drive and Highway 20. Immediately before the Erickson Drive culvert (twin 1200 mm diameter CSP), there is a 400 mm diameter CSP culvert which is used as a flow control.

Computational hydraulic modeling was used to analyze the existing and proposed conditions in the Hewlett Park area. *Table 15, page 47* outlines the characteristics of each of the ditch segments and the flow estimate based on the modeling completed.

Table 15: Hewlett Park Ditch Characteristics

DITCH SEGMENT	APPROXIMATE SLOPE (%)	Q_5 (m3/s)	Q_5 (L/s/ha)	Q_{100} (m3/s)	Q_{100} (L/s/ha)	5 YEAR RUNOFF VOLUME (m^3)	100 YEAR RUNOFF VOLUME (m^3)
Hewlett Park North Ditch	0.4	2.17	96	4.04	180	7,070	13,600
Hewlett Park South Ditch	0.0 to 0.25	6.81	40	12.83	75	56,300	93,600
Outfall Ditch to Cygnet Lake	0.2	2.65	13.41	3.53	18	N/A	N/A

Hewlett Park Ponds

The Hewlett Park Pond, a dry pond (see *Figure 11, page 35*) located immediately south of Hunter Rd, captures and attenuates runoff from a 33.12 ha residential development located south of the pond. For the analysis, the Hewlett Park Pond stage storage curve was assumed based on survey of the pond perimeter and record drawings provided by the Town. Immediately upstream of the pond is a flow split manhole, allowing larger flows to bypass the pond. The flow from the pond is controlled using a 300 mm diameter outlet pipe.

The Hampton Point Pond, as shown in *Figure 11, page 35*, is located at the northeast corner of the Hampton Development. The wet pond captures and attenuates runoff from the entire downtown catchment. The wet pond acts as an offline pond for the north ditch catchment area (CN rail ditch) and as an online pond for the south ditch catchment area. The stage storage curve was based on survey of the pond perimeter. Based on review of groundwater levels in the area, the pond is assumed to be in direct connection with the groundwater table.

Hewlett Park Storm Sewers

The Town provided storm sewer and pond information in the form of shape files, reports, LiDAR data and as built drawings. After reviewing the information provided, a data gap analysis was completed. Based on the data gap analysis, several storm sewer segments were missing key information including invers and pipe sizes. As per the Town's recommendation, a topographic survey was completed to fill the data gap.

5.5.3. Golf Course Creek

As discussed in *Section 3.4*, there is substantial sedimentation at the outlet of Golf Course Creek into Marina Bay. The sedimentation has resulted in regular dredging of Marina Bay at significant cost. Therefore, the Town has requested potential options and recommendations be provided to reduce the sediment and nutrient loading in Golf Course Creek. The Town has indicated that resolving the Marina Bay sedimentation issue is high priority.

The total catchment area for Golf Course Creek is approximately 2,390 ha. Approximately 26% (781 ha) of the catchment area lies within the Town's boundary. For this study, the catchment area is subdivided into three sub-catchments, the north catchment, the southeast catchment and the southwest catchment as shown in *Figure 18, page 48*.

Additional details on the Golf Course Creek area can be found in the *Golf Course Creek Technical Memorandum #1 – Preliminary Assessment & Improvement Options (McElhanney, 2018)* included in *Appendix G*.

North Catchment of Golf Course Creek

The north catchment of the Golf Course Creek has an approximate area of 340 ha. Approximately 15% of this catchment is within the Town boundary. The catchment area within the Town boundary consists predominately of residential development. The land use in this catchment outside the Town boundary is agricultural. The agricultural land drains at a 1.5% grade from west to east and is captured by a ditch located in the West Wood Lane development. The ditch receives the agricultural catchment flow and the West Wood Lane residential development flow and conveys it through the development area east, crossing the Lakeshore Drive immediately north of Wildrose Drive. After crossing Lakeshore Drive, the ditch flows south towards Golf Course Creek. The ditch along the Lakeshore Drive has a shallow slope and is a vegetated with grasses. Based on the characteristics of the ditch it is anticipated that substantial sedimentation will occur within the ditch prior to discharging to Golf Course Creek.

A storm sewer from part of the Willow Spring residential development (approximately 5.9 ha) conveys flows to a small wet pond (Willow Springs Pond), located to the southeast of the development, before discharging to the Golf Course Creek. The storm sewer from the remaining 9.5 ha of the Willow Springs residential development drains east and then south parallel to the Lakeshore drive before discharging to Golf Course Creek. It is understood that other than the small pond located at the outlet of the Willow Spring development area, there are no stormwater management facilities detaining the flow to reduce peak discharge rate or to improve the water quality.

Southwest Catchment of Golf Course Creek

The southwest catchment of Golf Course Creek is approximately 1,731 ha and sheet flows directly to Golf Course Creek. The catchment includes the Sylvan Lake Golf and Country Club within the Town boundary and agricultural land outside the Town boundary. The Waterford Station residential area, within the Town boundary, which is under development, is also part of this catchment. The Sylvan Lake Golf and Country Club is a privately-owned property with the Creek crossing through the middle of the course. A large pond is located in the middle of the course along the Creek alignment. Both the Sylvan Lake Golf and Country Club and the agricultural lands are expected to be contributing sources of sediments and nutrients to the Lake via Golf Course Creek.

Southwest Catchment of Golf Course Creek

The southeast catchment of Golf Course Creek has an approximate area of 319 ha. The catchment area is entirely located within the boundary of Town and land-use is predominately residential. A portion of the southeastern catchment is still under development (as residential). The stormwater is managed by four stormwater management facilities located within the catchment boundary that ultimately drain to Golf Course Creek.

Two of the existing ponds are in the Lakeway Landing Phase I and Phase II residential areas and are designed as dry ponds. The stormwater from these ponds is conveyed through a single 1050 mm diameter storm sewer, which flows into the roadside ditch along 60th St and discharges into Golf Course Creek. The catchment area to these ponds is fully developed and no current major construction activity has been observed.

The Beacon Hill Pond is designed as a dry pond. The pond receives runoff from the newly constructed and under construction areas within the catchment. The area south of Beacon Hill is still under construction and may be a large contributor of sediment to the pond and therefore, to the downstream storm sewer system. The detained flow from the Beacon Hill Pond is conveyed through an outlet control structure at a restricted rate. The runoff is then conveyed north through the storm sewer system along Westview Drive before turning west, leaving the Westview Drive right-of-way until it reaches Fern Crescent. The flow is eventually conveyed to the Fox Run Ph 6-7 Pond. According to data received from the Town, the residential lands between Westview Drive and 50 St have no minor storm system and drain overland using the major storm system to the storm sewer on Westview Drive.

The storm sewer from the Beacon Hill Pond joins with another major storm sewer system on Old Boomer Road, conveying flow from the developed area to the south before discharging to the Fox Run Ph 6-7 Pond. According to the storm sewer data provided, there is a flow split manhole at the intersection of Old Boomer Road and Fern

Crescent. During low flows, all the flow to this junction drains towards the Fox Run Ph 6-7 Pond. During larger storm events, a portion of the flow is conveyed north under the CN Rail track to the Sylvan Lake Golf and Country Club area.

The Fox Run Ph 6-7 Pond accepts flows from both the Fox Run development area, in addition to flows from the Beacon Hill development area as noted above. The Fox Run pond is a dry pond design that discharges west under 60th St to Golf Course Creek. The dry ponds within the catchment provide no water quality benefits, therefore, the runoff is not treated prior to discharge to Golf Course Creek.

5.6. EXISTING STORMWATER PONDS

Table 16, page 51 outlines the results of the analysis of the existing ponds. As displayed, each of the ponds analyzed had the ability to fully contain the 5-year and 100-year flow without overtopping.

It is important to note that based on the review of the existing system, four stormwater management ponds within the Town include an overflow pipe (at a split manhole) upstream of the pond. The characteristics of the overflow for the ponds identified can be found in *Table 17, page 51*. It is recommended that a more detail assessment of each pond with overflows be undertaken, complete with on-site data collection, to determine if the operations of the ponds can be optimized to further reduce flow downstream and improve water quality. At the Hewlett Park Pond, Ryder's Ridge Pond and Lakeview Landing Phase 1 Pond, flows are only diverted to the pond during larger rainfall events (2 year). The flow diversions should be modified to capture and detain smaller rainfall events.

It is recommended that an asset condition program, as part of the Town's asset management program, be set up to track the condition of important major drainage components such as ponds. It is also recommended that regulations be included within the Stormwater Design Criteria which outlines pond maintenance practices and schedules. A visual inspection of the pond and outlet control structure should be conducted by Town staff yearly (in the fall) and sediment depths should be measured every 5 years (or as required) to determine if dredging is required.

Eight of the existing ponds analyzed are dry ponds. Dry ponds do not have any water quality benefits associated, as sediments are flushed through the pond and back into the stormwater system or receiving water body. To improve downstream water quality, it is recommended that all existing dry ponds be equipped with an oil and grit separator. It is also recommended that all future ponds (both dry and wet) be equipped with an oil and grit separator to improve downstream water quality and meet water quality objectives outlined in *Section 4.1*. The following recommendations are proposed for the maintenance of the oil and grit separators:

- The oil and grit separator be inspected twice during the first year following installation to determine the rate of sediment accumulation.
- Based on the rate of accumulation set up a maintenance program for cleaning out of the sediment.
- Sediment depths which trigger cleaning is dependent on the product and should be taken into account when selecting a product.

Table 16: Existing Pond Conditions

POND NAME	TYPE	CONTRIBUTING AREA (ha)	MAX DEPTH	5 YR PEAK INFLOW (L/s)	5 YR DEPTH (m)	100 YR PEAK INFLOW (L/s)	100 YR DEPTH (m)
Crestview	Wet Pond	56.57	3.50	1935.68	2.96	3217	3.13
Crestview Phase 1	Wet Pond	113.05	3.50	2517.52	2.62	4819	3.09
Ryders Ridge	Dry Pond	23.44	1.50	1820.91	0.51	2846	0.78
Pier View	Dry Pond	21.51	2.20	1455.73	1.42	2236	2.11
Beacon Hill	Dry Pond	56.05	3.96	1817.67	1.48	2512	1.77
Fox Run Phase 14	Dry Pond	0.49	1.82	45.05	0.35	140	0.57
Fox Run Phase 6-7	Dry Pond	172.68	2.00	4795.65	2	6862	2.00
Lakeway Landing Phase 2	Wet Pond	178.53	4.00	3796.66	3.52	5794	4.00
Lakeway Landing Phase 1	Wet Pond	10.04	2.50	574.51	1.87	840	2.23
Westwood Lane	Dry Pond	7.20	0.60	725.48	0.6	2206	0.60
Willow Springs	Dry Pond	5.85	0.50	5546.72	0.5	6338	0.50
Hewlett Park	Dry Pond	36.68	1.00	1492.94	0.92	2541	0.86

Table 17: Ponds with Overflows

POND NAME	UPSTREAM DIVERSION MANHOLE	INVERT OF PIPE INTO POND	INVERT OF DIVERSION PIPE	RETURN PERIOD WHEN SPILIT OCCURS
Hewlett Park Pond	I8STM106	937.796	937.766	Only high flows (i.e. 2 year) are diverted into the pond
Ryder's Ridge Pond	I12STM1508	942.968	942.35	Only high flows (i.e. 2 year) are diverted into the pond
Fox Run Phase 14	B11STM231	949.5	950.25	2 Year
Lakeview Landing Phase 1	B15STM8	964.88	964.1	Only high flows (i.e. 2 year) are diverted into the pond

6. PROPOSED STORMWATER SERVICING

The proposed pipe system was analyzed using PCSWMM with the design criteria discussed in *Section 4*. Recommended upgrades can be found in *Figure 19, page 55*. In locations where the existing system does not have capacity to convey existing flow, pipes have been recommended to be upsized such that the HGL falls within the pipe (i.e. Q_{DES}/Q_{CAP} is less than 1).

Due to the capacity issues observed in a significant number of the Town's stormwater sewers, only select locations have been proposed for upgrades within the 20-year phasing horizon based on their perceived importance in the overall stormwater system. These locations are selected based on based on the existing system Hydraulic Grade Line (HGL) analysis and perceived importance in the drainage system. As discussed in *Section 4*, the perceived importance is based on:

- The relative size of the contributing catchment area;
- Location of sewer alignment (i.e. Statutory Right-of-Way (SRW), local road, arterial road, etc.); and
- Area of inundation upon sewer failure.

Higher priority is given to locations where the HGL is modeled to be above the ground and down to within 0.3 m below the ground surface under the selected return period design storm, causing an expectation of frequent flooding / ponding. Lower priority is given to locations where the HGL is expected to be surcharged; however, is modeled to not exceed 0.3 m below the ground surface. Once a priority was established based on the HGL analysis, the ranking was completed based on the perceived importance in the overall drainage system.

In addition, as directed by the Town, higher priority was afforded to the drainage issues observed in the Hewlett Park region and the sedimentation issues observed in Golf Course Creek (Marina Bay). The higher priority for these areas was reflected in the prioritization and therefore, the proposed phasing.

Again, it is recommended that the Town re-visit the prioritization and adjust the project priorities based on available budget, other capital projects (i.e. roadway, water, sanitary, etc.) being completed in the area, maintenance issues, etc.

All proposed upgrades were then analyzed under future development conditions, which included full MDP buildout and design storms adjusted to account for climate change as described in *Section 4.3*.

6.1. MINOR SYSTEM CONVEYANCE

As shown in *Figure 19, page 55*, there are three main trunk sewers where upsized sewers are being recommended as a result of modeled capacity constraints. Proposed upgrades are also recommended in the Hewlett Park region, Golf Course Creek and the Downtown core. The upgrades in the areas of concern, Hewlett Park region, Golf Course Creek and downtown core, are discussed in further detail in *Sections 6.3, 6.4 and 6.5*, respectively.

Capacity related upgrades are recommended along 47th Ave from 50th St to the outfall into the Highway 20 ditch. The storm sewer is currently over capacity causing surcharging during the 5-year design storm which rises above the ground surface. The storm sewer collects runoff from a large area of the Town (approximately 161 ha) and is located beneath a major arterial roadway. The storm sewer is mainly comprised of concrete and installed between 1990 and 1999. As shown in *Figure 19* the proposed storm sewer will allow for connections to the collection sewers along 49th St, 48th St, 47th St, 46th St and 45th St as re-development occurs in the area.

Capacity related upgrades are recommended for the storm sewer crossing through easements conveying flows from the Westview Drive storm sewer to the Fox Run Phase 6-7 dry pond. The storm sewer currently is over capacity

resulting the HGL rising above ground. The storm sewer conveys flows from a large area of the Town (approximately 140 ha), including a large undeveloped area south of the Town. The storm sewer currently runs through an easement within private properties. Therefore, the risk of damage to private property due to surface ponding is higher along this alignment. The alignment currently includes flow split manhole pipe at the intersection of Old Boomer Road and Fern Crescent. The flow split allows for larger flows to bypass the Fox Run Phase 6-7 dry pond. The flows are instead conveyed to a ditch along 48th Ave which then flows south across the CN railway and through the Sylvan Lake Golf and Country club, discharging to Golf Course Creek. It is recommended that the flow split be eliminated and therefore, all flows will be conveyed to the Fox Run Phase 6-7 dry pond.

Capacity related upgrades are recommended for the Westview storm sewer. The storm sewer is currently over capacity, resulting in the HGL rising above ground. The storm sewer is mainly comprised of concrete and installed between 1970 and 1980. The surcharging currently results in overland flow which does not meet the permissible depth and velocities outlined by Alberta Environment.

Several alternatives exist to eliminate ponding / flooding and reduce the HGL within the minor system other than increasing the pipe sizes as identified in this report. These alternatives include introducing storage elements where possible. Some examples of alternative methods that could be employed include:

- Oversized pipes;
- Underground storage tanks;
- Introducing Inlet Control Devices at strategic location to create surface trap lows;
- Rain gardens; and
- Combination soil/water underground storage tanks (i.e. Silva Cells).

The conversion of the existing dry ponds into wet ponds was also considered as part of the study, however, due to existing land constraints, the conversion to wet ponds was not deemed feasible. *Table 18, page 53* outlines the characteristics of the recommended pipe upgrades.

Table 18: Pipe Characteristics for Proposed Upgrades

UPGRADE NAME	LOCATION	PIPE NAME	LEN. (m)	SLOPE (%)	PROP. DIA (mm)	EX. DIA (mm)	Q[1] (L/S)	d/D (%)
47th Ave Storm	50th St	SRM701	106.3	5.39	600	525	1306	80
	50th St	SRM703	148.9	2.465	750	525	1405	75
	50th St	SRM769	17.5	1.772	900	525	1407	81
	47th Ave	SRM859	114.4	1.005	900	300	2000	83
	47th Ave	SRM770	98.0	1.45	1050	600	2376	76
	47th Ave	SRM771	130.3	0.629	1200	600	2828	82
	47th Ave	SRM772	118.0	0.627	1200	600	3237	90
	47th Ave	SRM905	29.4	0.646	1200	600	3141	98
	47th Ave	SRM915	88.2	0.635	1200	600	3219	99
	47th Ave	SRM916	118.9	0.623	1200	900	3526	91
	47th Ave	SRM724	113.0	0.752	1350	900	3807	87
	47th Ave	SRM689	25.6	0.782	1500	1050	6029	100
	47th Ave	SRM280	371.5	0.544	1500	1050	5771	95

UPGRADE NAME	LOCATION	PIPE NAME	LEN. (m)	SLOPE (%)	PROP. DIA (mm)	EX. DIA (mm)	Q[1] (L/S)	d/D (%)
	47th Ave	SRM55	58.3	0.635	1500	1050	5897	90
	47th Ave	SRM281	157.2	0.63	1500	1050	5950	92
	47th Ave	SRM283	74.1	0.621	1500	1050	6006	93
	47th Ave	SRM284	94.1	0.628	1500	1050	6043	96
	47th Ave	SRM530	11.5	0.323	1500	1050	7898	92
	47th Ave	SRM531	18.4	1.089	1500	1050	7639	84
Willow Street	Willow St	SRM28	85.2	0.352	525	375	250	97
Fox Hill Storm Easement	Fox Hill Easement	SRM538	9.1	1.86	1050	675	4004	94
	Fox Hill Easement	SRM86	103.4	1.819	1050	675	3963	85
	Fox Hill Easement	SRM85	44.6	1.818	1200	675	4027	67
	Fox Hill Easement	SRM84	53.0	1.623	1200	675	4035	68
	Fox Hill Easement	SRM82	57.1	1.769	1200	675	4135	68
	Fox Hill Easement	SRM83	51.8	1.534	1200	675	4138	71
	Fox Hill Easement	SRM356	92.9	0.867	1500	675	4338	78
	Fox Hill Easement	SRM355	102.9	0.579	1500	1200	6095	88
	Fox Hill Easement	SRM158	100.6	1.315	1500	1200	6276	83
	Fox Hill Easement	SRM27	62.4	0.674	1500	1200	6315	98
Westview Dr. Storm	SRM368	SRM368	35.0	1.81	525	450	457	75
	SRM369	SRM369	75.9	1.818	600	450	734	81
	SRM245	SRM245	102.1	1.822	750	525	1273	73
	GCC54	GCC54	1.6	1.874	750	525	1375	75
	SRM366	SRM366	111.8	1.646	1050	675	3059	72
	SRM246	SRM246	68.9	1.815	1050	825	3144	72
	SRM247	SRM247	132.8	1.822	1050	825	3248	74
	SRM248	SRM248	118.4	1.74	1050	825	3323	76
	SRM249	SRM249	88.5	1.819	1050	900	3601	91
	GCC55	GCC55	11.5	1.823	1050	600	3551	100
	SRM371	SRM371	60.1	1.813	1050	600	3958	100
	SRM372	SRM372	45.7	1.817	1050	675	3987	97

Sylvan Lake

Sylvan Creek / Cygnet Creek

Cygnet Lake

Golf Course Creek

Range Road 20
Grand Avenue
11A Highway
Marina Bay Court
60 Street
Lakeshore Drive
39 Street
Jarvis Bay Drive
Sylvaire Close
Range Road 12
Hinshaw Drive
50 Avenue
44 Street
48 Avenue
Township Road 385
47 Avenue
45 Avenue
Radcliff Way
Firdale Drive
Westlawn Drive
Craig Road
20 Highway
Township Road 384
Memorial Trail
50 Street
Range Road 15
11 Highway

Legend

- Town Boundary
- Watercourse
- Pump Station
- Future Pond
- Existing Pond
- Existing Storm Manholes
- Existing Storm Mains
- Force Main
- Culvert
- Ditch
- Ditch Upgrade

Proposed Storm (mmØ)

- 450
- 525
- 600
- 750
- 900
- 1050
- 1200
- 1350
- 1500

0 125 250 500 750 1,000 (m)

1:22,500

Coordinate System: NAD 1983 3TM 114

Project No.	2511-00966-00
Date	May 2019

McElhanney

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Figure 19

Proposed Minor System Upgrades

Sylvan Lake

Author: HSHIN

Document Path: M:\Proj\2511-00966 Sylvan Lake SWMP\4.6 Drainage\4.6.2 Reporting\4.6.2.5 Figures\Figure 19 - Proposed Minor System Upgrades.mxd

6.2. MAJOR SYSTEM CONVEYANCE

Additional work on the major system is proposed within the Hewlett Park region and Golf Course Creek, this is described in further detail in *Section 6.3 and Section 6.4,* respectively.

Flow depths above 0.3 m were noted within the major system along 47th Ave and Westview Drive. The proposed upgrades to the minor system along within these areas will increase the capacity of the minor system and reduce the potential for surface ponding along this route. Flow depths above 0.3 m were also noted within the downtown region. The proposed upgrades to the pump stations or addition of storage will reduce the risk of surface ponding in the area, this is discussed in more detail in *Section 6.5*.

Sylvan Lake

OPTION 1:
• INCREASE PEAK PUMP RATE AT 39TH ST. PUMP STATION

39TH ST. PUMP STATION

OPTION 2:
• INCLUDE STORAGE TO ATTENUATE FLOW TO 28.8 L/S/HA (5 YR EVENT)

• INSTALL OGS

OPTION 1:
• INCREASE PEAK PUMP RATE AT 43RD ST. PUMP STATION

43RD ST. PUMP STATION

• ENLARGE HAMPTON POINT POND

• OVERALL DITCH CLEANUP

• ENLARGE WILLOW SPRINGS POND AND REROUTE DITCH

OPTION 2:
• INCLUDE STORAGE TO ATTENUATE FLOW TO 13.7 L/S/HA (5 YR EVENT)

• PROPOSED GOLF COURSE CREEK SEDIMENTATION FACILITY

• EQUIP DRY PONDS WITH OGS

Sylvan Creek / Cygnet Creek

Cygnet Lake

Golf Course Creek

Range Road 20
Grand Avenue
11A Highway
39 Street
50 Avenue
Industrial Drive
Range Road 12
48 Avenue
60 Street
47 Avenue
Sylvan Drive
Fir Close
Baywood Link
Memorial Trail
20 Big Hwy
Township Road 384
Township Range Road 15
50 Street
11 Highway

PS

N

Legend

- Town Boundary
- Watercourse
- Pump Station
- Future Pond
- Existing Pond
- Existing Storm Manholes
- Existing Storm Mains
- Force Main
- Culvert
- Ditch
- Ditch
- Ditch Upgrade

Proposed Storm (mmØ)

- 450
- 525
- 600
- 750
- 900
- 1050
- 1200
- 1350
- 1500

0 125 250 500 750 1,000 (m)

1:22,500

Coordinate System: NAD 1983 3TM 114

Sylvan Lake

McElhanney

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Project No.	2511-00966-00
Date	May 2019

Figure 20

Proposed Major System Upgrades

Author: HSHIN

Document Path: M:\Proj\2511-00966 Sylvan Lake SWMP\4.6 Drainage\4.6.2 Reporting\4.6.2.5 Figures\Figure 20 - Proposed Major System Upgrades.mxd

6.3. AREAS OF CONCERN

The following sections examine proposed upgrades to the areas of concern noted in *Section 5.5*.

6.3.1. Hewlett Park

This preliminary Hewlett Park analysis examined various improvement options to substantially improve the deteriorating road and infrastructure in the Hewlett Park area, specifically along Hunter Road. These upgrade options were assessed in further detail in the *Hewlett Park Technical Memo #1 – Preliminary Engineering Design (McElhanney, 2018)* found in *Appendix F*.

The proposed upgrades for Hewlett Park area have been assessed based on their capability to mitigate damages due to the surface and subsurface drainage issues. These improvements are to be accomplished by implementing an integrated multi-dimensional approach with active interaction between the hydraulic engineer, hydrogeologist, geotechnical engineer and roadway expert.

The following sections describe the options evaluated under an integrated improvement approach through:

- Surface Water Drainage Improvements;
- Storage Pond Improvements;
- Subsurface Water Drainage Improvements; and
- Road Structure Improvements.

It is important to note that due to the shallow grades within the Hewlett Park area, substantial sedimentation is likely to occur. Construction activities are one of the largest contributors to sediment loading in a stormwater management system. It is recommended that the Town continue to implement erosion and sediment control (ESC) standards. The Town should consider a stricter review of erosion and sediment control plans while potentially incorporating a Revised Universal Soil Loss Equation (RULSE) similar to what has been implemented with the City of Calgary, to review soil loss without and then with erosion and sediment control measures to assist in plan review. In addition to this up-front approach, we recommend the Town undertake regular enforcement of installed erosion and sediment control measures to ensure they are used and maintained throughout the construction phase. Using BMPs for ESC will substantially lower sediment loading from construction areas reducing the risk of sedimentation and associated maintenance and capital replacement costs.

In addition, as another BMP measure for sediment reduction, it is recommended that an OGS be installed at the inlet to the Hewlett Park dry pond as there is not adequate land available to create a wet pond.

Surface Water Drainage Improvement

The surface drainage ditches are almost flat with overgrown (natural) vegetation. In the Hewlett Park North Ditch (CN Rail Ditch) it is proposed to remove the vegetation and re-grade the ditch. The cleanup of the ditch together with regrading will significantly improve the capacity of the ditch and improve the backwater effects. The Hewlett Park South Ditch is almost flat without any slope. A sanitary sewer is located under the ditch making it difficult to regrade the ditch without causing impact to the existing infrastructure. Without regrading this ditch, the resulting flow improvements would be minimal. While it may be possible to insulate the existing sanitary sewer to provide grade to improve the ditch, this would be costly. The improvement of the ditches should be combined with Pond Pumping (Hampton Point Pond Improvement) to lower the entire drainage system.

Figure 21: Existing Undersized Culvert Near Erickson Drive

Hampton Point Storage Pond Improvements

The existing pond water level is almost the same as the water level in the ditch at the outlet of the storm sewer, resulting in a backflow in the sewer system. A pumping system is recommended for the outlet of this pond to lower the 5-year flow event from the pond within a 48-hour period after storm events. It is also proposed to discharge the pumped flow (through a future forcemain) to the existing open channel ditch along Highway 11A just east of Highway 20 where the existing ditch has more grade than the CN Rail Ditch.

Subsurface Water Drainage Improvements

High groundwater in the Hewlett Park area is believed to be a major issue for the failure of infrastructure. Subsurface drainage improvements are proposed along Hunter Road where the damage observed is significant and on sections of Hinshaw Drive and Hagerman Road as deemed necessary by the Town. Confirmation of properly installed sub-drainage systems in the road is important, in addition to potentially oversizing to accommodate enhanced drainage. It is recommended to maintain or replace existing catch basins to ensure that sub-drainage systems are working effectively.

6.3.2. Golf Course Creek

Several mitigation options for the three sub-catchment areas of the Golf Course Creek (see *Figure 18, page 48*) to assist in reducing the sediment and nutrient issues under existing conditions. The various mitigation options assessed for each sub-catchment are discussed in detail in Golf Course Creek Tech Memo #1 – Preliminary Assessment & Improvement Options found in *Appendix G*.

Capacity issues along Golf Course Creek were not observed during the modeling exercise. To complete a hydraulic analysis of Golf Course Creek, it is recommended that a regional frequency analysis be completed to determine 100-year flows in Golf Course Creek and the resulting inundated area.

Capacity issues in the minor system were noted in the Golf Course Creek catchment. In particular, substantial surcharging was noted during the 5-year design storm along Westview Drive. Upgrade recommendations have been noted in *Section 6.1*.

North Catchment Mitigation Measures

The existing Willow Springs pond receives flow from only a small part (5.85 ha) of the catchment and does not have the permanent pool size and configuration to remove the desired sediment. One of the mitigative measures proposed is to enlarge the pond and re-routing the existing ditch south of Lakeshore Drive to flow into the enlarged pond (see *Figure 22, page 60*). The existing ditch located on the north side of Lakeshore Drive would be relocated to the south side of the roadway. Due to the limited space available at the pond site, the pond could not be enlarged more than 450 m^2. The enlarged pond would capture sediment generated from the large agricultural land and from part of the Westwood Lane residential area. The existing ditch requires re-routing to the south before crossing the Lakeshore Drive. As noted in *Figure 22, page 60*, the new proposed alignment for the ditch is in front of the existing residential area. Rerouting could also be considered through an enclosed storm sewer. This mitigative measure requires further assessment of the proposed pond sediment removal capacity. Installation of OGS at the outlet of each storm sewer is another option to improve sediment discharge to the Marina Bay.

Figure 22: Golf Course Creek North Catchment - Proposed Enlarged Pond & Re-routing the Existing Creek

Southwest Catchment of the Golf Course Creek

Due to most of this catchment being outside of the Town boundary (see *Figure 18, page 48*), there are limited actions that can be taken directly by the Town. Water quality, both within Golf Course Creek and the general area, is recommended to be a topic of discussion within the Intermunicipal Development Plan. Water quality is in the best interest of all affected parties.

Within the Town boundary McElhanney suggests improvements along Golf Course Creek and associated wetlands within the Sylvan Lake Golf and Country Club (SW 32-38-1 W5M) to reduce flow velocities, thereby increasing retention time and water quality. However, upon consultation with the Town and stakeholders, it was determined

that this is not feasible at this time. The Town will continue to work with the relevant stakeholders to manage sediment issues in this area. Regulatory requirements for this work was not evaluated.

Southeast Catchment of the Golf Course Creek

The southeast catchment has newly developing residential areas. The Town has also indicated concern of sediment laden flows from the ultimate outlet of this catchment. Source control is one of the best and cost effective mitigative measure. If effective ESC plans are developed and subsequently adhered to, most of the sediment produced from construction will be mitigated. If no measures are taken, erosion from construction sites could reach as high as 10 times the erosion from agricultural lands. It is proposed for the Town to adopt a stricter approach to the BMPs guideline proposed by the Town with respect to all construction within the Town boundary. It is highly recommended that strict erosion and sediment control (ESC) standards, be adopted by the Town which include enforcement by an independent party.

Installation of oil and grit separators (OGSs) at the inlet of each dry pond will improve water quality. Dry ponds are impoundment areas used to temporarily store stormwater runoff to restrict downstream discharge to predetermined rates and to reduce downstream flooding and erosion potential. Dry ponds without a sediment forebay or an OGS are not effective for sediment removal and can return any captured sediment during high flow events to downstream tributaries. All four ponds installed in the southeast catchment of Golf Course Creek are dry ponds without any additional measures to retain the sediment transported through the stormwater system. In addition, there is limited available land to modify these facilities to become wet ponds so an OGS is the most practical solution to improve water quality.

Improvement of water quality from this catchment can be improved by installing a Wet Pond west of 60th St to receive flow from the outlet of Fox Run Ph 6-7 Pond as shown in *Figure 23, page 62*.

The Fox Run Ph 6-7 Pond receives flow directly from the areas under construction as well as other dry ponds. The proposed Wet Pond downstream of the Fox Run Ph 6-7 Pond is expected to improve the sediment removal before discharge to Golf Course Creek. The other option to be considered is upgrading the Fox Run Ph 6-7 pond by installing a forebay or and OGS at the inlet of this pond. This option is dependent on the Town reaching agreement with the community responsible for the pond. If this agreement is reached, this could be a cost-effective solution to improve the sediment issue of this catchment.

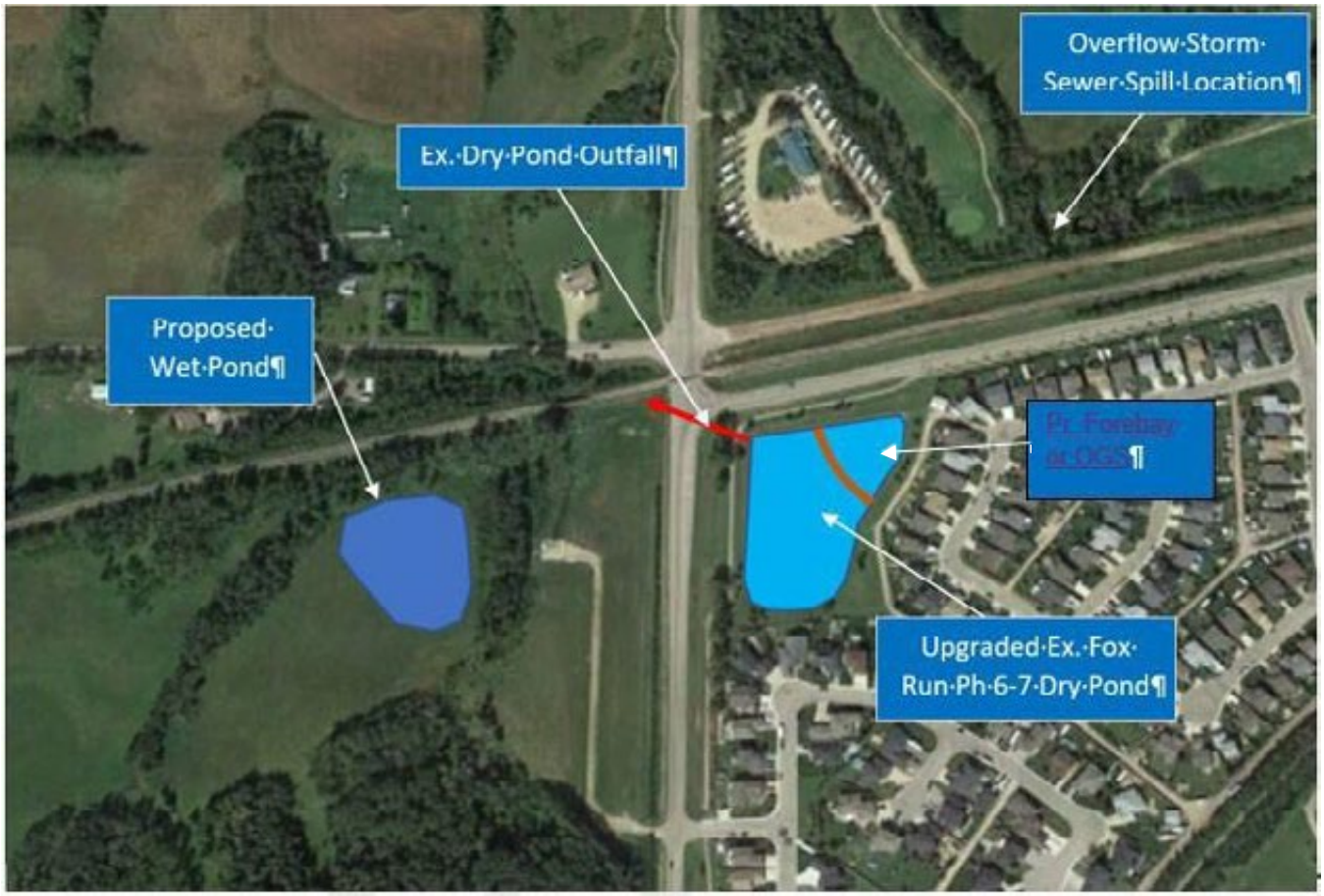

Figure 23: Golf Course Creek Southeast Catchment Proposed Wet Pond and Construction Wetland Locations

6.3.3. Downtown Pump Stations

Improvement of the stormwater system in the Downtown area requires careful and detailed information gathering on the older storm sewer system in conjunction with other utilities and infrastructure. The existing minor system assessment, based on majority assumed data, shows the system is over capacity and requires improvement. At this stage, it is recommended to conduct a detail data gathering and assessment of the Downtown Area system before recommending improvement on the existing pipes.

Currently, the existing 43rd Street pump station and 39th Street pump stations have a peak pump rate of 600 L/s and 373.8 L/s, respectively. The current configuration does not have the ability to convey the 5-year design flow for either of the contributing catchments. This results in the surcharging of the upstream stormwater system. Two options to reduce the risk of surface ponding / flooding include:

1) Upgrading the existing pump stations to match the 5-year inflows; and
2) Providing storage downtown to reduce the peak 5-year inflow into the pump stations.

Another option considered but not evaluated further was discharging into Sylvan Lake. Unfortunately, due to the grades of the lake compared to downtown, pumping will still be required.

Option 1

As per the future system modeling, the 5-year inflow into the 43rd St pump station and 39th St pump station (including climate change) is approximately 4800 L/s and 1500 L/s, respectively. These pump stations could be improved to limit the amount of surcharging in the upstream storm sewer network to below ground. In addition, the existing conveyance system to both pump stations, currently do not have the capacity to convey the 5-year design flow rate. Therefore, the storm sewers would need to be upsized to accommodate the flow.

The upgrade of the pump station would increase the flow to the downstream ditch by approximately 5400 L/s. Based on future system modeling the proposed downstream CN railway ditch has the capacity to accommodate the additional flow.

Option 2:

Option 2 involves the strategic placement of storage within the downtown core to reduce the peak inflow into the stormwater system. The 43rd Street pump station and 39th Street pump station currently have the capacity to convey approximately 13.7 L/s/ha and 28.8 L/s/ha, respectively. A high-level analysis was completed to determine the approximate storage requirements to achieve a 5-year target unit area flow rate into the 43rd Street pump station and 39th Street pump station of 13.7 L/s/ha and 28.8 L/s/ha, respectively. *Table 19, page 63* outlines the estimated storage requirements for both contributing catchment areas. This analysis was completed for the 5-year design storm event. Under the 100-year design storm event, overland flow and ponding is expected, however, with the proposed upgrades the flow and ponding will be limited to the roadways resulting in nuisance flooding which does not result in damage.

Table 19: Option 2 - downtown storage requirements

PUMP STATION	CONTRIBUTING CATCHMENT AREA (ha)	TARGET UNIT AREA RELEASE RATE (L/s/ha)	REQUIRED STORAGE (m^3)
43rd St Pump Station	44	13.7	3900
39th St Pump Station	13	28.8	725

Space within the downtown core is limited, therefore, the strategic placement of underground storage would be required. One possible location is to Include underground storage is along the Sylvan Lake Park parking lot. The addition of storage could also be added in phases as re-development within the downtown core occurs. This option could be completed in conjunction with an upgrade to the 43rd and 39th St pump stations.

Due to space constraints for storage, it is recommended that a combination of pump station upgrades and storage be explored. It is recommended, to maintain feasibility of this option and reasonable pumping limits, that the maximum amount of storage is exploited through preliminary design. At that time the modelling can be updated with those details and a final pumping rate can be determined.

Until potential upgrades to the pumping stations is completed it is recommended to set the release rate for any proposed re-developments in the downtown core to 13.7 L/s/ha and 28.8 L/s/ha for the 5-year event until upgrades are made to the pump stations.

7. FUTURE DEVELOPMENTS STORMWATER STRATEGY

7.1. FUTURE DEVELOPMENT PONDS

Future development areas were determined based on a review of the MDP land uses (Town of Sylvan Lake 2014) and land uses provided in discussion with Town staff. *Figure 24, page 66* outlines the proposed development areas. To develop this land, a stormwater servicing strategy is required to confirm that the lands are developed sustainably, and runoff is drained effectively and efficiently. The proposed developments will substantially increase impervious areas by introducing paved surfaces and buildings. This increase in imperviousness will cause runoff rates and volumes to increase, this increase must be mitigated to prevent flooding and damage of downstream property, infrastructure and natural systems. Based on Alberta Environment and Parks guidelines, post-development flows should be limited to pre-development rates. As noted in *Section 4,* to prevent damage to downstream systems a release rate of 2.10 L/s/ha was proposed to match pre-development flow rates.

As directed by the Town, wet ponds were proposed for each of the developments identified. Regional wet ponds were placed such that each ¼ section (approximately 64 ha) was controlled by a single pond. The ponds were placed at low points within the ¼ section and near the identified discharge points.

The pond and future storm sewer systems for the future developments are designed based on the following criteria:

1) Ponds are sized using the 100-year 24-hour Chicago design storm.
2) Ponds are located to act as regional ponds.
3) Ponds are located at low points within the developments.
4) Permanent pool depths of 2 m are assumed for wet ponds for water quality.

It is understood that several of the future development areas have already completed conceptual designs of stormwater management facilities. This includes:

- Waterford Development;
- Greyhawk; and
- Iron Gate.

These areas were, therefore, not included in the future servicing analysis, as ponds designs have already been completed.

Pond 1 is proposed to capture and attenuate flows from a proposed 62.5 ha residential area located south of Township Road 390 between 60th St and Range Road 20. The proposed pond will attenuate the 100-year runoff to 2.1 L/s/ha (based on 100-year 24-hour Chicago design storm). The residential development was assumed to consist of suburban homes with a percent total percent imperviousness of 40%. Flows from the regional pond will be discharged through a culvert across 60th St into the Westwood lane ditch. From there the flows will follows existing drainage paths, discharging to Golf Course Creek at Lakeshore Drive.

Pond 2 is proposed to capture and attenuate runoff from a proposed 64 ha institutional and industrial development, located south of Township Road 384 and east of Range Road 15. The proposed pond will attenuate the 100-year runoff to 2.1 L/s/ha (based on the 100-year 24-hour Chicago design storm). The institutional development is assumed to have a percent imperviousness of 30% and the industrial development is assumed to be composed of light industrial with a total percent imperviousness of 70%. Flows from the regional pond will be discharged through a culvert across Township Road 384 into the Range Road 15 roadside ditch. From there it will follow existing drainage patterns, discharging into Golf Course Creek.

As per discussion with the Town, the NE Gateway area will be developed as light / heavy industrial. Pond 3, Pond 4 and Pond 5 have contributing catchment areas of approximately 55.6 ha, 64.6 ha and 62.7 ha, respectively. Each pond is located along Highway 11A and will discharge into the highway ditch, which will eventual drain south into Sylvan Creek / Cygnet Creek. Pond 6 and Pond 7 have contributing areas of approximately 63.2 ha and 69.6 ha, respectively. Pond 6 and Pond 7 are located along the southern end of the proposed catchments. The ponds will discharge directly into Sylvan Creek / Cygnet Creek. The proposed ponds will attenuate the 100-year runoff to 2.1 L/s/ha (based on the 100-year 24-hour Chicago design storm). The proposed light / heavy industrial development has an assumed percent imperviousness of 75%.

Pond 8 is proposed to capture and attenuate flows from a proposed 133 ha residential area located south of Township Road 384 between Highway 781 and Range Road 15. The proposed pond will attenuate the 100-year runoff to 2.1 L/s/ha (based on 100-year 24-hour Chicago design storm). The residential development was assumed to consist of suburban homes with a percent total percent imperviousness of 40%. Flows from the regional pond will be discharged through a culvert across Township Road 384 and into the existing storm sewer system. From there the flows will follows existing drainage paths, discharging to Golf Course Creek.

In the future, it is presumed the Town will coordinate cost sharing agreements between benefitting land owners, presuming benefits of larger stormwater mitigation facilities extend beyond the lands under control of the developer(s) who are expected to design and install these facilities. Several mechanisms exist for these purposes, such as latecomer agreements, local service area designations, area-wide levies, and subdivision servicing agreements. Therefore, costs for the proposed ponds have therefore not been carried in the 5, 10 and 20-year infrastructure planning estimates.

Figure 24, page 66 outlines the location of the proposed stormwater management facilities as would be needed to accommodate future development. *Table 20, page 65* summarizes design data for the proposed wet ponds.

Table 20: Design Data for Future Community Based Ponds (Western Developments)

ATTRIBUTES	POND 1	POND 2	POND 8
Contributing Drainage Area	63 ha	64 ha	133 ha
Contributing Impervious Area	25 ha	32 ha	54 ha
Maximum Depth Below NWL	2 m	2 m	2 m
Area at NWL	7,225 m^2	14,400 m^2	28,900 m^2
Required Total Pond Volume	44,043 m^3	56,800 m^3	116,270 m^3
Required Active Storage	25,795 m^3	32,400 m^3	64,870 m^3
Maximum Storage Depth	4 m	4 m	4 m
Calculated 1:5 Year Peak Discharge	77 L/s	89 L/s	150 L/s
Calculated 1:100 Year Peak Discharge	131 L/s	134 L/s	287 L/s

Table 21: Design Data for Future Community Based Ponds (NE Gateway Development)

ATTRIBUTES	POND 3	POND 4	POND 5	POND 6	POND 7
Contributing Drainage Area	56 ha	65 ha	63 ha	64 ha	70 ha
Contributing Impervious Area	42 ha	49 ha	47 ha	48 ha	53 ha
Maximum Depth Below NWL	2 m	2 m	2 m	2 m	2 m
Area at NWL	16,130 m^2	18,770 m^2	18,225 m^2	17,424 m^2	19,600 m^2
Required Total Pond Volume	63,580 m^3	73,990 m^3	72,100 m^3	69,235 m^3	77,540 m^3
Required Active Storage	36,000 m^3	41,530 m^3	40,650 m^3	39,270 m^3	43,540 m^3
Maximum Storage Depth	4 m	4 m	4 m	4 m	4 m
Calculated 1:5 Year Peak Discharge	80 L/s	93 L/s	89 L/s	97 L/s	102 L/s
Calculated 1:100 Year Peak Discharge	117 L/s	136 L/s	132 L/s	133 L/s	146 L/s

Sylvan Lake

OUTFALL TO WESTWOOD LANE DITCH

POND 1

A = 63 ha
%IMP = 40%

A = 62 ha
%IMP = 40%

39TH ST. PUMP STATION

43RD ST. PUMP STATION

A = 56 ha
%IMP = 75%

POND 3

A = 65 ha
%IMP = 75%

POND 4

POND 5

A = 63 ha
%IMP = 75%

A = 63 ha
%IMP = 75%

POND 6

A = 70 ha
%IMP = 75%

POND 7

DISCHARGE TO
SYLVAN / CYGNET CREEK

GREY HAWK

OUTFALL TO RANGE ROAD 15 DITCH

A = 64 ha
%IMP = 58%

POND 2

POND 8

A = 133 ha
%IMP = 40%

Cygnet Lake

Range Road 20
Grand Avenue
Lakeshore Drive
39 Street
Industrial Drive
Range Road 12
11A Highway
60 Street
50 Avenue
48 Avenue
47 Avenue
Range Road 11
Township Road 385
Sylvan Drive
Fir Close
Baywood Link
Township Road 384
Memorial Trail
20 Highway
50 Street
Range Road 15
11 Highway

N

Legend

- Outfall
- Pump Station
- Proposed Pond
- Future Pond
- Existing Pond
- Existing Storm Manholes
- Existing Storm Mains
- Force Main
- Culvert
- Ditch
- Watercourse
- Future Industrial Development
- Future Institutional Development
- Future Residential Development

0 125 250 500 750 1,000 (m)

1:22,500

Coordinate System: NAD 1983 3TM 114

Project No. 2511-00966-00
Date May 2019

McElhanney

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BEST MANAGED COMPANIES

Figure 24

Future Development
Proposed Stormwater Infrastructure

Sylvan Lake

Document Path: M:\Proj\2511-00966 Sylvan Lake SWMP\4.6 Drainage\4.6.2 Reporting\4.6.2.5 Figures\Figure 24 - Future Development - Proposed Stormwater Infrastructure.mxd Author: HSHIN

8. BEST MANAGEMENT PRACTICES

Best Management Practices (BMPs) are techniques used in stormwater management to reduce the impact of development on downstream receiving waterbodies. BMPs are employed to control runoff rates, runoff volume and water quality. Stormwater management practices have begun to shift from focusing on simply collecting and conveying stormwater, with the goal of protecting properties from flooding, to a more holistic approach aimed at better representing the natural environment. The aim of including BMPs within stormwater design is to provide the following benefits to Golf Course Creek, Sylvan Lake, Sylvan / Cygnet Creek and Cygnet Lake:

- Improve stream health through the reduction in runoff peak flows and volumes, resulting in less erosive flows into receiving water bodies;
- Improve water quality and restore aquatic habitat through the reduction in pollutant loading / sedimentation in receiving water bodies; and
- Restore aquatic habitat through the lowering of creek / stream water temperatures;
    - Runoff from impervious surfaces increases temperatures within the receiving water body, with small increases in temperature greatly affecting the health of aquatic habitat;

Due to the low gradients within the Town's drainage system and receiving water bodies, sediment loading can have a significant effect on the health of the aquatic system. The receiving water bodies, in particular, Sylvan Lake, Sylvan Creek / Cygnet Creek and Cygnet Lake will experience substantial sedimentation as a result of sediment loading from stormwater. The sedimentation within Golf Course Creek, Sylvan Lake, Sylvan Creek / Cygnet Creek and Cygnet Lake can result in:

- Loss of habitat;
- Further reduction in channel gradient resulting in overland flooding and further sedimentation;
- Loss in channel capacity requiring extensive dredging or regrading; and
- Reduction in water quality resulting in extensive damage to aquatic habitat.

Section 8.3 outlines further the effects of stormwater quality on receiving waterbodies and the measures recommended to the Town to improve stormwater runoff water quality. Further discussion on the effect of sedimentation in the Golf Course Creek catchment can be found in the *Golf Course Creek Technical Memorandum #1 – Preliminary Assessment & Improvement Options* included in *Appendix G*.

8.1. SOURCE CONTROL / RUNOFF REDUCTION

Low Impact Development (LID) techniques emphasize the use of stormwater measures integrated within small scale stormwater controls to more closely mimic the natural hydrologic patterns in residential, commercial, industrial development and roadways.

LID measures go beyond the use of traditional stormwater conveyance and storage systems to convey and control peak discharge rates. LIDs offer the opportunity to capture and control runoff volumes in addition to controlling the peak discharge rates. Although peak flow reduction through traditional methods such as detention ponds provides mitigation against increases in peak flows, LID measures also help to alleviate the increase in runoff volume that would be introduced to downstream areas resulting from development.

As existing natural areas change to residential, commercial, or industrial land uses, an increase in imperviousness area will be introduced accompanied by a reduction in natural vegetation and significant removal of the upper

organic soil layer typical of natural areas. If unmitigated, this would alter the natural hydrology by reducing the amount of absorption and infiltration of rainfall and increasing the amount of direct surface runoff. The incorporation of LIDs will help to re-balance the rainfall-runoff process toward the original natural condition.

A significant portion of the Town is underlain by poorly drained soils that do not offer much of an opportunity to incorporate infiltration-based LID measures. However, LIDs can still be incorporated, to provide some runoff volume and rate control; together with traditional methods such as site or community detention storage.

8.1.1. Applicability

Numerous types and names for LIDs have emerged and been described by guiding documents and publications (i.e. Low Impact Development Best Management Practices Design Guide, City of Edmonton, 2014). For this study, LIDs are considered synonymous to Source Controls and BMPs. The types of LIDs can range, however the LIDs for consideration under this study can be classified into the following types:

- **Absorbent Landscaping** primarily achieved through the placement of a thick layer (300 to 450mm) of topsoil beneath a parcel's lawn. This acts as an on-site storage component for runoff, promoting infiltration and limiting the rate and volume flowing off-site and into storm infrastructure. Trees and shrubs also act as absorbent landscaping. Note that a buffer between the absorbent landscaping and building envelope should be maintained to prevent seepage of stormwater into the building foundation and basement.
- **Vegetated Swale** is similar to a ditch but is shallower and broader. Swales can be grass-lined, rock-lined, or lined with specific vegetation to promote water treatment / pollutant uptake (bioswales). They can also be lined with an absorbent layer of topsoil, as described above, to include a storage component. Swales are used as a replacement for, or in combination with, storm sewers in conveying runoff to specific discharge points, but they will slow the rate of runoff due to the higher roughness coefficient. They can also promote infiltration if the natural surrounding soils are sufficiently permeable. Swales may discharge into a storm sewer system, water body, detention pond or seepage pit.
- **Rainwater Harvesting and Reuse** collects rainfall from roofs and stores it in cisterns or barrels. This keeps the runoff on-site and allows it to be used later. Rainwater is currently reused for irrigation purposes, such as for watering gardens, but can also be used for other non-potable purposes such as flushing toilets if connected (purple pipe). It is important to note that due to the reliance on individual user, it is not typically accounted for during stormwater analysis. Therefore, benefits may not be fully realized within the design of the stormwater system.
- **Impervious Disconnection** aims to disconnect impervious areas by directing runoff from impervious areas to pervious areas. This helps to increase absorption and infiltration of runoff and slow down flows that would otherwise be directly conveyed to a downstream collection and conveyance system. Examples include disconnecting roof leaders of single-family homes and allowing runoff to be directed to the grassed yard area, and designing driveways, sidewalks, roadway and parking areas to direct runoff to grassed areas. This particular LID has proven to be quite effective for single family residential homes when combined with installation of amended topsoil.

  Lot grading plan control is also recommended, to reduce nuisance flooding of abutting lands and to maximize the potential for infiltration of surface water. This would include maximum allowable percent grades within developments and clearly defined runoff routing onto, within and off-of proposed development lands. This may include requirements for drainage rights of way in favour of the Town.
- **Bio-Retention** are LIDs that allow runoff to be absorbed, stored, and infiltrated and includes retention or storage of runoff which is absorbed by an organic topsoil and planting mix. A key component of this LID is temporary storage or retention of runoff which can either infiltrate or be absorbed by an organic growing

medium, or both. Examples of Bio-Retention include raingardens, amended or enhanced topsoil placement. Commercially manufactured products also exist to allow runoff to be stored and absorbed by topsoil, plants and trees.

- **Bio-Swales** are essentially vegetated/grassed swales which incorporate a complex of topsoil and planting material within the upper surface which helps promote absorption and retention of runoff. The bio-swales are generally designed for shallow sheet flow to maximize absorption / retention and infiltration. Bio-swales usually don't include a storage component within the LID; however, check dams can be introduced to further promote above ground storage, similar to a Bio-Retention LID.
- **Permeable Pavement** reduces the impervious area in driveways / parking lots and walkways by allowing water to seep through and either infiltrate or travel under the surface to other stormwater management facilities (rain gardens for example). This is done by leaving spaces between the impermeable surfaces so that rainwater hitting these surfaces runs off and seeps through the nearby pervious openings, as opposed to travelling to the storm sewer system.
- **Green Roofs** are comprised of vegetation on top of buildings and reduce runoff to the storm sewer system by capturing the rainfall on-site and allowing for evapotranspiration. Green roofs can vary from having a thinner layer of a growing medium and represent marshy conditions to having a thicker growing medium while supporting plants and trees. These two conditions are known as intensive and extensive green roofs, respectively.

The LID's identified are recommended to be designed as per Chapters 6 through 13 in the City of Edmonton Low Impact Development Best management Practices Design Guide (City of Edmonton, 2014).

Due to the existence of soils with low infiltration potential and the high groundwater table observed throughout the Town, LID measures which rely on infiltration may be less effective. The features will aid in the reduction of runoff during higher frequency minor events, however, will have minimal impact on larger events.

The surface source control LID measures such as bio-swales, rain gardens etc. can improve neighbourhood appeal through the use of naturalized stormwater infrastructure.

The benefits and challenges for each LID described above are presented in *Table 22, page 69*.

Table 22: LID Benefits and Challenges

LID	BENEFITS	CHALLENGES
Absorbent Landscaping	1. Simple installation and relatively cheap addition to new developments 2. Reduces runoff rate and volume 3. Improves water quality 4. Improves evapotranspiration 5. Low O&M requirements	1. Challenge to add to existing developments / should only be implemented for new developments 2. Maintain a buffer between topsoil and building envelope so that water does not migrate to building and leak into basement

LID	BENEFITS	CHALLENGES
Roof Leader Disconnection	1. Simple installation and relatively cheap 2. Can be implemented for both new and existing developments 3. Reduces runoff rate and volume 4. Improves water quality 5. Increases time of concentration 6. Improves evapotranspiration 7. Low O&M requirements 8. Low initial capital cost	1. Ensure discharge point is a few feet from building so that water does not migrate to building and leak into basement 2. Ensure discharge point includes a splashpad to mitigate possibility of erosion for lawn/garden 3. Can cause pooling within yards with low infiltration potential, overflow may be required
Vegetated Swales	1. Increases time of concentration 2. Reduces runoff rate 3. Reduces impervious area 4. Improves water quality 5. Improves evapotranspiration 6. Infiltration potential	1. Requires maintenance (5 years for minor maintenance, 25 years for major maintenance) 2. Requires substantial right-of-way (ROW), i.e. a 0.3 m deep swale requires a 2 m ROW
Infiltration Trenches / Seepage Pits	1. Increases time of concentration 2. Reduces runoff rate and volume 3. Reduces impervious area 4. Improves water quality 5. Improves evapotranspiration 6. Improves groundwater recharge	1. Requires regular maintenance (5 – 10 years) 2. Potential for clogging voids if not maintained 3. Requires permeable subsurface soils to be effective, therefore, may not be effective in the Town 4. Requires a 0.5 m freeboard to the seasonally groundwater table, therefore, may limit potential locations within the Town where implementation is possible.

LID	BENEFITS	CHALLENGES
Bioretention / Rain Gardens / Storm Planters	1. Increases time of concentration 2. Reduces runoff rate and volume 3. Reduces impervious area 4. Improves water quality 5. Improves evapotranspiration 6. Groundwater recharge (if water infiltrates) 7. Provides visual benefit	1. Requires regular maintenance (5 – 10 years) 2. Vegetation must be selected carefully and can increase costs substantially 3. Requires permeable subsurface soils to be effective, therefore, may not be effective in the Town 4. Requires a 0.5 m freeboard to the seasonally groundwater table, therefore, may limit potential locations within the Town where implementation is possible.
Rainwater Harvesting and Reuse	1. Reduces runoff rate and volume 2. Rainwater reuse to reduce potable water use for irrigation and other potential grey water uses	1. Rainwater cistern or barrel must be used / emptied regularly to be effective or else it will overflow during rain events 2. Due to reliance on individual user, it is not typically accounted for during stormwater analysis. Therefore, benefits may not be fully realized within design of the stormwater system. 3. Re-use within buildings requires additional plumbing at significant cost. Requires Alberta Health Services Approval.
Permeable Pavement	1. Increases time of concentration 2. Reduces runoff rate and volume (if water infiltrates) 3. Reduces impervious area 4. Improves water quality 5.	1. Prone to clogging and becoming ineffective. 2. Requires substantial maintenance at a regular interval (1 year). 3. Should not be used in locations where sand is used on roadways to improve winter driving.
Green Roofs	1. Increases time of concentration 2. Reduces runoff rate and volume 3. Reduces impervious area 4. Improves water quality 5. Improves evapotranspiration 6. Provides visual benefit	1. Prone to clogging and becoming ineffective. 2. Requires substantial maintenance; 3. Increases capital cost and O&M costs for building

8.1.2. Typical LID Performance in the Town

To test the effectiveness of the applicable and proposed LIDs within the Town, several modeling scenarios were developed to determine the reduction in peak discharge rates and runoff volumes for various forms of development.

Table 23, page 72 and *Figure 25, page 73* outlines the results of the scenario modeling of differing LID measures for three principle development types (Single Family Residential [R1], Multi-family Residential [R2], and Commercial [CH]). A hypothetical development area was modeled for each development type to compare the performance of the applicable LIDs.

The analysis was completed using the following assumptions with respect to the LIDs being modelled:

- **Bio-Retention** facilities were modelled as raingardens consisting of a 300mm above-ground depression available for ponding storage at the surface, 450mm topsoil layer immediately below the ponding surface for planting and retention / absorption of runoff, and an additional 500mm of drain rock below the topsoil layer for additional storage and infiltration of runoff.
- **Bio-swales** were modelled as a vegetated swale consisting of 500mm depth for flow conveyance and a 450mm layer of topsoil immediately below the surface for absorption and infiltration of runoff.
- **Seepage Pits** were modelled with a 1m depth of rock storage consisting of a void ratio of 35%.
- **Absorbent landscaping** was modeled as 300mm of topsoil placed on all pervious areas of the subject development (e.g. front / rear of yards, open spaces, boulevards, etc.).
- **Imperviousness disconnection** was applied to each development type by disconnecting roof leaders for each development and directing the runoff to the pervious areas. This was modelled together with the 300 mm topsoil as both are typically implemented together.

The surface area assigned for the above three LIDs was assumed to cover 5% of the development area which is typical of LID coverage.

Table 23: Impacts of LIDs

LID MEASURE	TYPICAL SINGLE-FAMILY RESIDENTIAL LOT (R1)		TYPICAL MULTI FAMILY RESIDENTIAL LOT (R2)		COMMERCIAL (CH)	
	APPROX. DECREASE 5 YEAR RUNOFF VOLUME (%)	APPROX. DECREASE 5 YEAR PEAK RUNOFF RATE (%)	APPROX. DECREASE 5 YEAR RUNOFF VOLUME (%)	APPROX. DECREASE 5 YEAR PEAK RUNOFF RATE (%)	APPROX. DECREASE 5 YEAR RUNOFF VOLUME (%)	APPROX. DECREASE 5 YEAR PEAK RUNOFF RATE (%)
Bio-Retention	84%	86%	86%	84%	43%	43%
Seepage Pit	83%	86%	86%	84%	43%	43%
Vegetative Swale	6%	6%	4%	3%	0%	0%
450mm of Absorbent Landscaping and Rooftop Disconnect	37%	61%	20%	10%	2%	2%

As shown in *Table 23, page 72,* the most effective LID within the poorly draining soils are bio-retention. This is due to significant runoff storage that was included within the modeling of this LID, which verifies the need for significant LID storage when implementing such LIDs within the poorly drained soils. The placement of 450mm topsoil as an absorbent landscaping in tandem with directing rooftop runoff to the pervious areas provides benefits, particularly

for the single-family residential developments, where the impervious ratio is low enough (i.e. pervious areas are not overloaded with runoff from the impervious areas).

Swales or ditches are acceptable here and will serve as conveyance and some opportunity for runoff quality improvements (via filtration of suspended solids, reducing turbidity of flows), but not quantitative flow reductions (via infiltration).

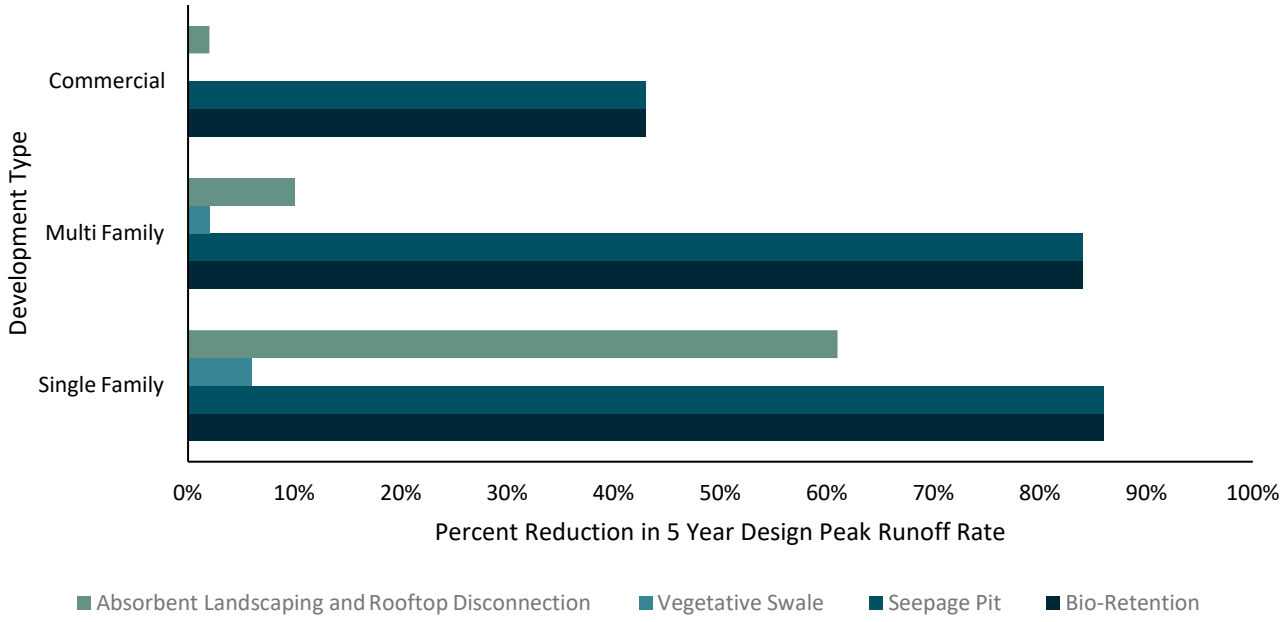

Figure 25: LID Effectiveness

Table 22, page 69 indicates that many of the LIDs have similar benefits, while a few present specific challenges for the Town and are not recommended to be implemented in order to minimize risks and limit future maintenance costs. Based on previous geotechnical investigations, the Town typically has soils with low infiltration potential and a high groundwater table. Therefore, infiltration cannot be fully relied upon, and surface ponding will need to be accounted. The recommended LIDs and rationale for their selection for the Town development are as follows:

- Absorbent Landscaping
  - Simple and relatively cheap measure to reduce on-site runoff;
  - Store and infiltrate runoff near its source on-site;
- Roof Leader Disconnection
  - Simple and relatively cheap measure to reduce on-site runoff;
  - Is recommended for all residential land uses, however, not for commercial, industrial or institutional buildings.
  - To be combined with absorbent landscaping to further enhance the benefits of storing and infiltrating runoff on-site; and,
  - Reduce directly connected impervious area discharging to storm sewer.
- Vegetated Swales
  - Recommended in areas where ROW allows for inclusion of swale.
  - Reduce impervious area and increase the time of concentration to reduce peak flows into receiving water bodies;
  - Take advantage of surface ponding where groundwater tables are high.
- Bioretention / Rain Gardens / Storm Planters

- As shown in *Section 8.1.2*, effective at reducing peak flows and volumes into receiving water bodies;
- Takes advantage of surface ponding where groundwater tables are high
- Provide visual benefit to neighbourhoods.

8.2. END OF PIPE / CONVEYANCE CONTROLS

BMPs for end of pipe / conveyance controls include wet ponds, dry ponds and engineered wetlands. Each of the end of pipe facilities identified are well established techniques and are best used in conjunction with source control methods. Each facility controls the release rate using a flow control manhole at the outlet, the excess runoff is then stored within the facility. All facilities should be design as per the Town of Sylvan Lake Development Process and Design Guidelines (2018).

Both wet ponds and engineered wetlands enhance water quality through sedimentation. Proper maintenance for these facilities is required to confirm they continue to function as designed. This includes continuously measuring sediment levels and dredging the facilities once sediment levels reached designed depths. Dredging of these facilities can be costly, therefore, it is recommended that the Town require an OGS system be placed upstream of all wet ponds and engineered wetlands to reduce the frequency of dredging required. The OGS system requires sediment levels be measured yearly (or as needed, depending on the upstream catchment) and systems are typically cleaned every two years.

Dry ponds do not provide any water quality benefits. Sediment which accumulates within the dry pond is typically "flushed out" during the early stages of rainfall events. Therefore, it is recommended that the Town require an OGS system be placed upstream of all dry ponds to improve downstream water quality. It is also recommended that all existing dry ponds either be modified, where possible, to become wet ponds or that an OGS system be placed upstream of all existing dry ponds to reduce sedimentation issues in downstream receiving water bodies. OGS systems have a typical service life of 75 years similar to other underground infrastructure, they require annual visual inspection to determine if sediment removal is required. Sediment removal is typically completed using a Vactor truck as required.

8.3. STORMWATER QUALITY AND TREATMENT

Urbanization can introduce numerous pollutants which can be transferred and conveyed to natural aquatic receiving systems. The most common pollutants include suspended solids, oil and greases, nitrogen, phosphorus, and various metals.

Sediment loading in stormwater is generally characterized by the Total Suspended Solids (TSS). Pollutants such as metals, nutrients and other constituents attach to suspended solids, and as a result, their removals rates relate to TSS removal efficiency.

Typical measures that have proven to be effective for stormwater treatment generally include a combination of structural and non-structural elements. Some typical measures include:

- Wet ponds and wetlands that incorporate a permanent water level to allow for settling of suspended particles and trapping of floatables such oils, greases, and trash;
- Use of oil / water separators and/or vortex separators at specific locations within developments;
- Use of oil-grit traps on catch basins located within roadway ROW; and
- Regular street sweeping and maintenance to remove sediment at the roadway source.

There are several wet detention ponds located within the Town that appear to have a permanent pool (based on site visits and aerial photos) that effect some treatment of runoff. It may be possible to retrofit some of these facilities

to include or expand the wet pool volumes or provide a forebay to promote treatment near the pond inlet. This would be the subject of further study.

Pre-fabricated products such as OGS have proven to be effective in improving runoff water quality, if regularly maintained. Typically, these facilities can be located on multi-family, commercial, and industrial sites where the obligation for maintenance can be passed on to the strata / ownership of such developments. Some jurisdictions have also elected to place separators within the municipal system, which would then require regular maintenance by the operating municipality. This is typically done to ensure adequate maintenance is completed, as tracking / enforcing maintenance of private assets can be challenging.

The Town has already noted issues regarding sediment loading into downstream water bodies. Therefore, stringent water quality targets should be implemented for future development.

There are two approaches the Town can take to implement and achieve water quality targets.

1) Performance-Based Standards. The Town can implement performance-based standards (such as 80% removal of particles greater than 50 µm) and place the burden on the developer to demonstrate they are able to achieve the performance standards.
2) Prescriptive Solution. With prescriptive-based standards, the Town will indicate the type of water quality treatment solution they wish to see implemented for each land use type and area.

It is recommended that the Town adopt **performance-based standards**, requiring the developer to prove the proposed method of treatment achieves the results required.

Prior to the Town completing a review of downstream habitats, 85% removal of particles 75 µm and larger is recommended to be adopted. The target removal efficiency is widely used by municipalities. This removal efficiency shall be based on a particle distribution applicable to the area of proposed development.

Again, it is important to note that source control is one of the best and cost-effective sedimentation mitigative measure. If effective erosion and sediment control (ESC) plans are developed and subsequently adhered to, most of the sediment produced from construction will be mitigated. As per the *Sylvan Lake Development Process and Design Guidelines (2018),* ESC controls are the responsibility of the developer. It is highly recommended that strict ESC plans, be enforced by the Town. This includes independent inspection by representatives of the Town for enforcement of approved ESC plans.

9. PROPOSED UPGRADE PHASING

Figure 26,page 78, *Figure 27, page 80* and *Figure 28, page 82* outline the proposed phasing strategy for the 5-year, 10-year and 20-year recommended upgrades, respectively.

The phasing strategy was developed based on the results of the capacity assessment (Q_{DES}>Q_{CAP}) and discussions with the Town staff. As discussed in *Section 5.3*, not all pipes under capacity have been identified for upgrade under the 20-year horizon. Due to the significant number of pipes identified as over-capacity, the proposed upgrade projects have been prioritized and ranked based on the existing system HGL analysis and the perceived importance to the Town's drainage system.

It is expected the Town will further refine the phasing proposed herein.

9.1. 5-YEAR PLAN

The 5-Year plan phasing strategy was developed based on the results of the capacity analysis and discussion with Town staff. As identified in *Sections 5,* the Town has indicated that the drainage issues noted in the Hewlett Park region and the sedimentation issues noted in Golf Course Creek are high priority. Therefore, upgrades within these regions have been included in the 5-year plan. These upgrades are shown in *Figure 26, page 78* and are summarized as follows:

- *Hewlett Park,*
    - In the Hewlett Park North Ditch (CN Rail Ditch) it is proposed to remove the vegetation, re-grade the ditch and remove the existing 400 mm diameter under capacity culvert;
        - The vegetation within the ditch should be evaluated every year to determine if removal is required.
        - Due to the shallow grade, the ditch should be assessed every 5 years to determine if re-shaping and re-grading is required.
    - Hewlett Park South Ditch is proposed to remove vegetation and sediment within the channel to improve flow; andSubsurface drainage improvement is proposed along the Hunter Road where the damage observed is significant and on sections of Hinshaw Drive and Hagerman Road as deemed necessary.
    - Refer to the *Hewlett Park Technical Memorandum #1 – Hewlett Park Preliminary Engineering* included in *Appendix F* for more detail.
- *Golf Course Creek,* Reduce sedimentation through one or a combination of multiple of the following options:
    - Enlarge the Willow Spring pond and re-route the existing ditch south of Lakeshore Drive to flow into the enlarged pond. The existing ditch located on the north side of Lakeshore Drive would be relocated to the south side of the roadway;
    - Strict erosion and sediment control (ESC) standards. As per the Sylvan Lake Development Process and Design Guidelines (2018) ESC controls are the responsibility of the developer. It is recommended that the Town continue to implement erosion and sediment control (ESC) standards. The Town should consider a stricter review of erosion and sediment control plans while potentially incorporating a Revised Universal Soil Loss Equation (RULSE) similar to what has been implemented with the City of Calgary, to review soil loss without and then with erosion and sediment control measures to assist in plan review. It is also highly recommended that strict erosion and

sediment control (ESC) plans, be enforced by the Town. This includes independent inspection by representatives of the Town for enforcement of approved ESC plans;

- Installation of OGS units at each of the dry ponds;
  - Sediment levels within the OGS units will need to be checked yearly to determine cleaning intervals.
- Installation of a Wet Pond at the outlet of Fox Run Ph 6-7 Pond; and
- Improvement of the Fox Run Ph 6-7 Pond through installation of forebay or an OGS.
  - Sediment levels within the OGS unit will need to be checked yearly to determine cleaning intervals.
- Refer to the *Golf Course Creek Technical Memorandum #1 – Preliminary Assessment & Improvement Options* included in *Appendix G* for more detail.

Sylvan Lake

- INSTALL OGS
- ENLARGE HAMPTON POINT POND
- OVERALL DITCH CLEANUP
- ENLARGE WILLOW SPRINGS POND AND REROUTE DITCH
- PROPOSED GOLF COURSE CREEK SEDIMENTATION FACILITY
- EQUIP DRY PONDS WITH OGS

Range Road 20
Grand Avenue
11A Highway
60 Street
50 Avenue
48 Avenue
Lakeshore Drive
50 Avenue
39 Street
PS
Industrial Drive
Range Road 12
47 Avenue
Sylvan Creek / Cygnet Creek
Range Road 11
Baywood Link
Cygnet Lake
Sylvan Drive
Fir Close
Golf Course Creek
Memorial Trail
20 Highway
Township Road 384
Township Road 384
Range Road 20
Range Road 15
50 Street
11 Highway

N

Legend

- Town Boundary
- Watercourse
- Pump Station
- Future Pond
- Existing Pond
- Existing Storm Manholes
- Existing Storm Mains
- Force Main
- Culvert
- Ditch
- Ditch Upgrade

0 125 250 500 750 1,000 (m)

1:22,500

Coordinate System: NAD 1983 3TM 114

Project No.	2511-00966-00
Date	May 2019

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BEST MANAGED COMPANIES

Figure 26

5 Year Planning Horizon

Sylvan Lake

Author: HSHIN

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9.2. 10-YEAR PLAN

The 10-Year plan phasing strategy was developed based on the results of the capacity analysis and discussion with Town staff.

Based on the results of the capacity assessment the limited pump rate at the 43rd St and 39th St pump stations result in surcharging and surface ponding during the minor 5-year event. Therefore, the downtown upgrades have been proposed under the 10-year phasing plan. These are shown in *Figure 27, page 80* and are summarized as follows:

- Option 1: Upgrade the capacity of the 43rd St and 39th St pump stations to convey the 5-year peak runoff rate.
    - Due to the range at which the pump station will operate it is recommended that a Variable Frequency Drive (VFD) be installed to reduce wear and tear on the pump and allow for a larger operating range.
    - Pump station will need to have a regular maintenance interval and pumps will need to be replaced as component wear out.
- Option 2: Provide storage within the downtown core to reduce the peak inflow into the stormwater system. The 43rd St pump station and 39th St pump station currently have the capacity to convey approximately 13.7 L/s/ha and 28.8 L/s/ha, respectively.
    - The storage should be located offline and controlled by the HGL within the system. The storage cells should be wrapped due to the high groundwater table and sloped at a minimum of 1% towards the outlet to allow the system to drain.
    - Easements will be required for the storage systems and there is currently no room within the road ROW, therefore, this option will require land negotiation for the acquisition of a utility easement.

In addition, under the 10-Year phasing plan it is recommended that the Willow Street storm sewer outlet, a 375 mm, be upgraded to a 525 mm diameter storm.

Sylvan Lake

OPTION 1:
- INCREASE PEAK PUMP RATE AT 39TH ST. PUMP STATION

39TH ST. PUMP STATION

OPTION 2:
INCLUDE STORAGE TO ATTENUATE FLOW TO 28.8 L/S/HA (5 YR EVENT)

OPTION 1:
- INCREASE PEAK PUMP RATE AT 43RD ST. PUMP STATION

43RD ST. PUMP STATION

OPTION 2:
- INCLUDE STORAGE TO ATTENUATE FLOW TO 13.7 L/S/HA (5 YR EVENT)

Range Road 20
Grand Avenue
11A Highway
60 Street
39 Street
50 Avenue
Industrial Drive
Range Road 12
48 Avenue
51 Street
Township Road 385
47 Avenue
Sylvan Creek / Cygnet Creek
Sylvan Drive
Fir Close
Baywood Link
Cygnet Lake
Golf Course Creek
Township Road 384
Memorial Trail
20 Highway
50 Street
Range Road 15
11 Highway

PS

N

Legend

- Town Boundary
- Watercourse
- Pump Station
- Future Pond
- Existing Pond
- Existing Storm Manholes
- Existing Storm Mains
- Force Main
- Culvert
- Ditch
- Ditch Upgrade

Proposed Storm (mmØ)

- 525

0 125 250 500 750 1,000 (m)

1:22,500

Coordinate System: NAD 1983 3TM 114

Project No.	2511-00966-00
Date	May 2019

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BEST MANAGED COMPANIES

Figure 27

10 Year Planning Horizon

Sylvan Lake

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9.3. 20-YEAR PLAN

The 20-Year plan phasing strategy was developed based on the results of the capacity analysis and discussion with Town staff.

For the capacity triggered upgrades, capital plan projects have been prioritized and ranked based on the existing system HGL analysis and the perceived importance to the Town's drainage system. *Table 24, page 81* outlines the rankings for the capacity related upgrades under the 20-Year phasing plan, while *Figure 28* shows the locations of the upgrades.

As discussed in *Section 4*, the perceived importance is based on the relative size of the contributing catchment area, location of sewer alignment (i.e. SRW, local road, arterial road, etc.), sewer diameter and area of inundation upon sewer failure. The proposed upgrades are shown in *Figure 28, page 82* and are summarized as follows:

- Upgrade of the Fox Run Easement storm sewer. This storm sewer crosses through an easement and is currently over capacity during the 5-year event. Surface ponding along this section of storm may result in the damage to private property.
- Upgrade of the 47th Ave storm sewer. This storm sewer segment is currently over capacity for the 5-year event. The storm sewer coveys flow from a large area of the Town (approximately 165 ha) and the alignment is along a major arterial roadway. In addition, during the 100-year event the flow may not be contained within the roadway ROW.
    - Box sections may be required due to the shallow gradient available (outlet elevation is set) and there may not be enough cover for a circular pipe section.
- Upgrade of the Westview Drive storm sewer. This storm sewer segment is currently over capacity for the 5-year event. In addition, during the 100-year event the flow may not be contained within the roadway ROW.

Table 24: Storm Sewer Upgrade Rankings

ITEM	RANKING
Upgrade of the Fox Run Easement storm sewer	1
Upgrade of the 47th Ave storm sewer	2
Upgrade of the Westview Drive storm sewer	3

Sylvan Lake

Range Road 20
Grand Avenue
11A Highway
60 Street
50 Avenue
48 Avenue
Township Road 385
Sylvan Drive
Fir Close
Memorial Trail
Township Road 384
Range Road 15
50 Street
20 Highway
11 Highway
Range Road 12
47 Avenue
Baywood Link
Jarvis Bay Drive
Lakeshore Drive
39 Street
Industrial Drive
PS

Golf Course Creek
Sylvan Creek / Cygnet Creek
Cygnet Lake

N

Legend

- Town Boundary
- Watercourse
- Pump Station
- Future Pond
- Existing Pond
- Existing Storm Manholes
- Existing Storm Mains
- Force Main
- Culvert
- Ditch
- Ditch Upgrade

Proposed Storm (mmØ)

- 450
- 525
- 600
- 750
- 900
- 1050
- 1200
- 1350
- 1500

0 125 250 500 750 1,000 (m)

1:22,500

Coordinate System: NAD 1983 3TM 114

Sylvan Lake

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Date	May 2019

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BEST MANAGED COMPANIES

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Figure 28

20 Year Planning Horizon

Author: HSHIN

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9.4. NEXT STEPS

A methodology for establishment of capital plan priorities needs to be followed, based on the cumulative gathering of information needed to guide the process. This process will require some expenditure of funds, which we believe, in turn, should be considered as capital plan line items unto themselves. These include:

- Further field investigations and conceptual designs; and
- Rational refinement of phasing plan priorities can then be undertaken.

The following engineering and field investigation items are recommended to be completed during the next phase of the project to further refine the upgrades proposed.

1. The minor system drainage model is currently un-calibrated due to lack of flow monitoring data available to complete a full calibration and validation. Calibration would require flow-monitoring over at least one wet weather period at strategically located points in the conveyance network. This flow monitoring and calibration effort is recommended to be completed in the next 5 years. The resultant calibrated model can be used to update the locations of surcharging and refine the upgrades recommended.
2. Funding for sewer condition assessments (CCTV) and follow-up assessment effort.
3. Engineering concept design efforts to confirm scope of projects and refine capital budget adequacy outlined in this report.
4. Develop a strategy to enforce ESC guidelines.

10. COST ESTIMATE

10.1. COSTING METHODOLOGY

The costing completed is based on previous projects completed in the area, budget pricing provided by a contractor.

10.1.1. Storm Mains and Manholes

The following Class 'D' estimated capital replacement costs include unit rates for pipes, by diameter, expressed in 2018 dollars. For Class 'D' budgetary costs, we have assumed that pipe replacement will occur with 2 m to 3 m of cover. Costs shown in *Table 25, page 84* are intended as a per linear meter of pipe replacement. The per metre cost includes installation of manholes and catch basins as well as roadway restoration. Excluded in the per metre cost is service connection (lateral) replacements or reconnections.

Table 25: Assumed Pipe Replacement Costs

PIPE DIAMETER (mm)	CONSTRUCTION COST PER m (2018 DOLLARS)
250Ø – minimum recommended diameter	$1,250
300Ø	$1,500
375Ø	$1,875
450Ø	$2,250
525Ø	$2,625
600Ø	$3,000
675Ø	$3,375
750Ø	$3,750
825Ø	$4,125
900Ø	$4,500
1050Ø	$5,250
1200Ø	$6,000
1350Ø	$6,750
1500Ø	$7,500

10.1.2. Assumptions

Cost estimates have been compiled based on the following key assumptions:

- No engineering fees or contingencies are included in the above unit rates for pipe / manholes. These would typically be cited, at this level of detail as:
    - 15% for engineering; and
    - 40% contingency
- Manholes are included in the pipe cost per metre;
- Road restoration is included in the pipe cost per metre;

- Capital costs for ponds upgrading have been roughly approximated for discussion purposes.
- Pipe replacements are assumed less than 3 metres depth;
- Per linear metre of pipe replacement is based roughly on the local market in 2018 dollars; and,
- Inflation – (time value of money) has not been considered.

10.2. FUTURE DEVELOPMENT PONDS

Table 26, page 85 outlines the estimated costs for the proposed regional wet pond. There is only one proposed residential development that does not currently have a pond designed. The proposed pond and associated infrastructure are indicated for completeness and for staff guidance as to community need only, not carried into the final phasing plan budgets, noting land developer pay expectation discussed above.

Table 26: Future Development Pond Costing

POND	TOTAL STORAGE VOLUME (m^3)	APPROX. AREA[1] (m^2)	STRIPPING COSTS	EXCAVATION COSTS	LANDSCAPING	OUTLET CONTROL STRUCTURE	CONTINGENCY (40%)	TOTAL COST
1	44,050	15,625	$32,000	$561,700	$792,000	$50,000	$575,000	$2,011,000
2	56,800	19,600	$40,000	$724,200	$993,000	$50,000	$723,000	$2,531,000
3	63,780	21,610	$44,000	$813,200	$1,095,000	$50,000	$801,000	$2,804,000
4	73,990	24,650	$50,000	$943,400	$1,249,000	$50,000	$917,000	$3,210,000
5	72,100	24,025	$49,000	$919,300	$1,217,000	$50,000	$895,000	$3,131,000
6	69,235	23,105	$47,000	$882,800	$1,171,000	$50,000	$861,000	$3,012,000
7	77,540	25,600	$52,000	$988,700	$1,297,000	$50,000	$956,000	$3,344,000
8	116,270	36,100	$72,000	$1,483,000	$1,829,000	$50,000	$859,000	$4,293,000

10.3. 5-YEAR PLAN COSTING

Table 27, page 86 summarizes the costs for all items included in the 5-Year phasing plan. Refer to *Figure 26, page 78* for a map of the locations described below. The proposed 5-Year phasing plan upgrades have been divided based on the options outlined in *Section 9.1*.

Table 27: 5-Year Costs

PROPOSED UPGRADES	ESTIMATED COST	CONTINGENCY (40%)	ENG[1] (15%)	TOTAL COST
Hewlett Park Ditch Improvements				
540 m of ditch re-grading and vegetation clearing	$200,000	$80,000	$42,000	$322,000
removal of twin 400 mm Ø culverts	$10,000	$4,000	$3,000	$17,000
Hewlett Park Subsurface Water Drainage Improvements				
Remove and Replacement Damaged Manholes	$40,000	$16,000	$9,000	$65,000
Remove and Replacement Damaged Catchbasins	$48,000	$20,000	$11,000	$79,000
Installation of Permeable Pavement Structure	$450,000	$180,000	$95,000	$725,000
Installation of Perforated Pipe Subdrain	$165,000	$66,000	$35,000	$266,000
Golf Course Creek				
Enlarge the existing Willow Park Pond and re-routing the existing ditch to the pond.	$101,000	$41,000	$22,000	$164,000
Installation of OGS at end of Willow Park Subdivision	$25,000	$10,000	$6,000	$41,000
Best Management Practices at Construction Sites	NA	NA	NA	NA
Equipping Dry Ponds with OGS	$125,000	$50,000	$27,000	$202,000
Proposed wet pond at the outlet of Fox Run Ph 6-7 Pond	$281,000	$113,000	$60,000	$454,000

10.4. 10-YEAR PLAN COSTING

Table 28, page 87 summarizes the costs for all items included in the 10-Year phasing plan. Refer to *Figure 27, page 80* for a map of the locations described below. The proposed 10-Year phasing plan upgrades have been divided based on the options described in *Section 9.2*. Phasing for option 2 (the inclusion of storage) can be completed over several years.

Table 28: 10-Year Plan Costs

DESCRIPTION	PROPOSED UPGRADES	ESTIMATED COST	CONTINGENCY (40%)	ENG[1] (15%)	TOTAL COST
43rd St Pump Station					
Option 1	Upgrade pump station to match peak 5-year design flow	$1,050,000	$420,000	$221,000	$1,691,000
Option 2	Include 3,900 m^3 of storage and attenuate flow rate to 13.7 L/s/ha	$3,900,000	$1,560,000	$819,000	$6,279,000
39th St Pump Station					
Option 1	Upgrade pump station to match peak 5-year design flow	$1,050,000	$420,000	$221,000	$1,691,000
Option 2	Include 725 m^3 of storage and attenuate flow rate to 28.8 L/s/ha	$725,000	$290,000	$153,000	$1,168,000
Willow Street Storm	86 m of 525 mm Ø Storm	$226,000	$91,000	$48,000	$365,000

10.5. 20-YEAR PLAN COSTING

Table 29, page 87 summarizes the costs for the items included in the 20-Year phasing plan. Refer to *Figure 28, page 82* for a map of the locations described below. Phasing for the large storm sewer projects have been developed - to spread the cost out over several years.

Table 29: 20-Year Plan Costs

DESCRIPTION	PROPOSED UPGRADES	ESTIMATED COST	CONTINGENCY (40%)	ENG[1] (15%)	TOTAL COST
47TH Ave Storm Upgrade	107 m of 600 mm Ø Storm 149 m of 750 mm Ø Storm 132 m of 900 mm Ø Storm 98 m of 1050 mm Ø Storm 485 m of 1200 mm Ø Storm 113 m of 1350 mm Ø Storm 811 m of 1500 mm Ø Storm	$11,744,000	$4,698,000	$2,467,000	$18,909,000
Fox Run Easement	113 m of 1050 mm Ø Storm 207 m of 1200 mm Ø Storm 359 m of 1500 mm Ø Storm	$3,342,000	$1,337,000	$702,000	$5,381,000
Westview Storm Sewer	35 m of 525 mm Ø Storm 80 m of 600 mm Ø Storm 104 m of 750 mm Ø Storm 638 m of 1050 mm Ø Storm	$4,072,000	$1,629,000	$856,000	$6,557,000

11. CONCLUSION AND RECOMMENDATIONS

McElhanney has developed a 5-Year, 10-Year and 20-Year Prioritization Plan to identify and recommend stormwater upgrade locations. The information provided in this report provides the Town with a basis for the implementation of proposed capital drainage works.

The study provides the following recommendations for system management process and system modeling and capital plan upgrades:

1) Groundwater was encountered close to the surface throughout the Town in areas such as the Hewlett Park area. Careful consideration of the impacts of groundwater need to be taken when designing stormwater infrastructure in areas with a high-water table.

2) LID opportunities that rely on infiltration is not recommended in areas with a high groundwater table. If infiltration facilities are proposed in areas of high groundwater, continuous monitoring of groundwater levels should be conducted prior to installation to confirm the facility is placed above the groundwater table. All infiltration facilities should be placed at minimum of 0.5 m above the seasonal high groundwater level (following best management practices).

3) It is recommended that a study be completed to assess the impact of increased runoff volumes on downstream water bodies, with a focus on Sylvan Creek / Cygnet Creek and Cygnet Lake. The results of the study should indicate whether the Town should adopt both rate and volume control targets.

4) Based on the capacity analysis of the Town's minor system (based on 5-year 2-hour Chicago design storm) the following upgrades are recommended:

    a. Capacity related upgrades are recommended along 47th Ave from 50th St to the outfall into the Highway 20 ditch. The storm sewer is currently over capacity causing surcharging during the 5-year design storm which rises above the ground surface. the proposed storm sewer will allow for connections to the collection sewers along 49th St, 48th St, 47th St, 46th St and 45th St as re-development occurs in the area.

    b. Capacity related upgrades are recommended for the storm sewer crossing through easements conveying flows from the Westview Drive storm sewer to the Fox Run Phase 6-7 dry pond. The storm sewer currently is over capacity resulting the HGL rising above ground. It is recommended that the flow split be eliminated and therefore, all flows will be conveyed to the Fox Run Phase 6-7 dry pond.

    c. Capacity related upgrades are recommended for the Westview storm sewer. The storm sewer is currently over capacity, resulting in the HGL rising above ground.

5) It is recommended that the Town revisit the runoff coefficients used for the design of the minor system in residential areas. Based on a review of aerial photos, it was observed that lot coverage for residential lots constructed post 1990 was substantial (60%). This typically results in an increase in the overall impervious area and subsequently the runoff for single family residential neighbourhoods. It is recommended that the Town use the flow monitoring data proposed to develop and calibrate runoff coefficients for these residential areas and as a result of the findings, update the Town's stormwater management design guidelines. In the interim it is recommended to increase the design residential runoff coefficient to the following values as per Table 3-10 in the City of Calgary Stormwater Management and Design Guidelines (2011):

    a. Single Family Urban: 0.4

    b. Multi-family detached: 0.5

c. Multi-family attached: 0.68

d. Roadways: 0.95.

6) Based on discussion with the Town there are three main areas of concern with regards to stormwater runoff:

a. The Hewlett Park Area;

b. Golf Course Creek; and

c. Downtown pump stations.

7) The following recommendations are made for improvements to the areas of concern identified.

a. Hewlett Park:

- In the Hewlett Park North Ditch (CN Rail Ditch) it is proposed to remove the vegetation, and re-grade the ditch;
- A pumping system is recommended for the outlet of the Hampton Point pond to reduce the 5-year water level in the pond within a 48-hour period after storm events. It is also proposed to discharge the pumped flow (through a future forcemain) to the existing open channel ditch along 33 Street just west of Highway 20 where the existing ditch has more grade than the CN Rail Ditch; and
- Subsurface drainage improvement is proposed along the Hunter Road where the damage observed is significant and on sections of Hinshaw Drive and Hagerman Road as deemed necessary.

b. Golf Course Creek

- Enlarge the Willow Spring pond and re-route the existing ditch south of Lakeshore Drive to flow into the enlarged pond. The existing ditch located on the north side of Lakeshore Drive would be relocated to the south side of the roadway;
- Installation of OGS units at each of the dry ponds;
- Installation of a Wet Pond at the outlet of Fox Run Ph 6-7 Pond; and
- Improvement of the Fox Run Ph 6-7 Pond through installation of forebay or an OGS.

c. Downtown drainage pump stations

- Option 1: Upgrade the capacity of the 43rd St and 39th St pump stations to convey the 5-year peak runoff rate.
- Option 2: Provide storage within the downtown core to reduce the peak inflow into the stormwater system. The 43rd St pump station and 39th St pump station currently have the capacity to convey approximately 13.7 L/s/ha and 28.8 L/s/ha, respectively.
- Due to space constraints for storage, it is recommended that a combination of pump station upgrades and storage be explored. It is important to note that an inspection of the pump station was not completed as part of this analysis. Detailed inspection of the pump stations is recommended.
- Until potential upgrades to the pumping stations is completed it is recommended to set the release rate for any proposed re-developments in the downtown core to 13.7 L/s/ha and 28.8 L/s/ha for the 5-year event until upgrades are made to the pump stations.

8) Improvement of the stormwater system in the Downtown area requires careful and detailed information gathering on the older storm sewer system in conjunction with other utilities and infrastructure. The existing minor system assessment, based on majorly assumed data, shows the system is over capacity and requires improvement. At this stage, it is recommended to conduct a detail data gathering and assessment of the Downtown Area system before recommending improvement on the existing pipes.

9) The following engineering and field investigation items are recommended to be completed during the next phase of the project to further refine the upgrades proposed.

    a. The minor system drainage model is currently un-calibrated due to lack of flow monitoring data available to complete a full calibration and validation. Calibration would require flow-monitoring over at least one wet weather period at strategically located points in the conveyance network. This flow monitoring and calibration effort is recommended to be completed in the next 5 years. The resultant calibrated model can be used to update the locations of surcharging and refine the upgrades recommended.

    b. Funding for sewer condition assessments and follow-up assessment effort.

    c. Engineering concept design efforts to confirm scope of projects and refine capital budget adequacy outlined in this report.

10) Seven regional wet ponds have been proposed to accommodate future developments.

11) A significant portion of the Town is underlain by poorly drained soils that do not offer much of an opportunity to incorporate infiltration-based LID measures. However, LIDs can still be incorporated, to provide some runoff volume and rate control; together with traditional methods such as site or community detention storage. The recommended LIDs and rationale for their selection for the Town development are as follows:

    a. Absorbent Landscaping
        - Simple and relatively cheap measure to reduce on-site runoff;
        - Store and infiltrate runoff near its source on-site;
        - Take advantage of the infiltration potential of surrounding soils.

    b. Roof Leader Disconnection
        - Simple and relatively cheap measure to reduce on-site runoff;
        - Is recommended for all residential land uses, however, not for commercial, industrial or institutional buildings.
        - To be combined with absorbent landscaping to further enhance the benefits of storing and infiltrating runoff on-site; and,
        - Reduce directly connected impervious area discharging to storm sewer.

    c. Vegetated Swales
        - Recommended in areas where ROW allows for inclusion of swale.
        - Reduce impervious area and increase the time of concentration to reduce peak flows into receiving water bodies;
        - Take advantage of surface ponding where groundwater tables are high.

    d. Bioretention / Rain Gardens / Storm Planters
        - As shown in Section 8.1.2, effective at reducing peak flows and volumes into receiving water bodies;
        - Takes advantage of surface ponding where groundwater tables are high
        - Provide visual benefit to neighbourhoods.

12) The most effective LID within the poorly draining soils are bio-retention. This is due to significant runoff storage that was included within the modeling of this LID, which verifies the need for significant LID storage when implementing such LIDs within the poorly drained soils.

13) The placement of 450mm topsoil as an absorbent landscaping in tandem with directing rooftop runoff to the pervious areas provides benefits, particularly for the single-family residential developments, where the impervious ratio is low enough (i.e. pervious areas are not overloaded with runoff from the impervious areas).

14) Sedimentation issues occur throughout the Town and is particularly severe on active construction sites. Source control is one of the best and cost-effective sedimentation mitigative measure. If effective ESC plans are developed and subsequently adhered to, most of the sediment produced from construction will be mitigated.

APPENDIX A

SYLVAN LAKE RAINFALL ANALYSIS TECHNICAL MEMORANDUM

TECHNICAL MEMO

To Eric Boudreau	**From** Haimanot Yadete, PEng.
Company Town of Sylvan Lake	**MCSL Branch** 2511 – Calgary
Re Rainfall Data Comparison	**Date** September 24, 2018 **File Number** 2511-00966-00

1. INTRODUCTION

McElhanney Consulting Services Limited (McElhanney) was retained by the Town of Sylvan Lake (the Town) to provide an update to the Town of Sylvan Lake Stormwater Master Plan (SWMP). For this update McElhanney uses the Sylvan Lake Development Process and Design Guidelines (2018) and Alberta Environment and Parks Stormwater Management Guidelines (1999) will be the main sources of design criteria for the assignment.

The availability of a long term and complete rainfall record is very important for carrying out a hydrological study successfully. The Town of Sylvan Lake does not have a long-term rainfall gauging station and as per the Town's design guideline recommendation, the Red Deer Airport station is used for any hydrological analysis

The Town requested McElhanney to compare and verify the suitability of the Red Deer Airport Station data for the Town of Sylvan Lake use. The Town provided short term rainfall data gathered at the Town of Sylvan Lake. The rainfall data is collected at two stations, the Main Lagoon Lift Station and at the Reservoir from February 15, 2017 to May 26, 2018.

This memo presents comparison of the data and the conclusion reached based on the available data.

2. DATA COMPARISON

Lack of long-term rainfall data at the Town of Sylvan Lake necessitates the use of a nearby station of the Red Deer Airport for its hydrological analysis. The Red Deer Airport station is about 20 km away from the Town of Sylvan Lake. The Town of Sylvan Lake has collected rainfall data between February 15, 2017 to May 26, 2018 and requested comparison of the data measured in the Town with the Red Deer Airport Station data.

The rainfall data provided by the Town was a screen shot of the monthly cumulative rainfall plot of the Main Lagoon Lift Station and at the Reservoir Station. Rainfall is a highly dynamic process, constantly changing in form and intensity as it passes over a given area. Even the data collected at the Town's two stations show variability for the same time interval.

The inter comparison of the rainfall data is accomplished by using the screen shots of the cumulative rainfall for the Towns station and a plot chart prepared for the data of Red Deer Airport for the same time duration. Since the peak rainfall data are critical in the assessment of the stormwater system, the comparison charts provided are from April to September of 2017.

Comparison of Cumulative Rainfall (April 1st to May 1st, 2017)

As noted in Figure 1A, the accumulated rainfall chart within the Town's two stations split apart. Even though the rainfall events at the two stations coincide, there was a difference in the magnitude of the peak. At the end of the month, the rainfall collected at the Main Lagoon Lift Station is about 15 mm higher than the rainfall at the Reservoir. Between April 12 and 13, the station at the Reservoir received larger peak rainfalls resulting in higher cumulation. For the same month, the cumulative rainfall at the Red Deer Airport is presented in Figure 1B. The chart closely resembles the peak and the cumulative rainfall data of the Reservoir station.

Comparison of Cumulative Rainfall (May 1st to May 31st, 2017)

For the two gauging stations located within the Town, the same cumulative rainfall chart separation carried over to the month of May (See Figure 2A). The peak events for this month coincided and have similar magnitude. As shown in Figure 2B, the rainfall event peaks and the cumulative rainfall at the Red Deer Airport station closely resembles the data collected at the reservoir.

Comparison of Cumulative Rainfall (May 31st to June 30th, 2017)

For the two gauging stations located within the Town, the same cumulative rainfall chart separation is carried over to the month of June as well (See Figure 3A). The peak events for this month coincided and have similar magnitude. As shown in Figure 3B, the rainfall event peaks and the cumulative rainfall at the Red Deer Airport station closely fits between the two Town of Sylvan Lake stations data.

Comparison of Cumulative Rainfall (June 30th to July 30th, 2017)

As noted in Figure 4A, in the month of July, very little rainfall was recorded at the Main Lagoon Lift Station. The Reservoir Station recorded a total of 67 mm within the month. The Red Deer Airport (see Figure 4B) recorded close to 50 mm rainfall within the month and the peak events were one day apart. It can be noted that, the cumulative chart of the Red Deer Airport station closely resembles with the Town of Sylvan Lake Reservoir Station chart.

Comparison of Cumulative Rainfall (July 30th to August 29th, 2017)

As noted in Figure 5A, there is no available data at the Main Lagoon Lift Station. Overall the cumulative plot at the Reservoir and at the Red Deer Station (see Figure 5B) closely much, with 233.8 mm and 233.5 mm cumulative rainfall at the end of August. One of the peak rainfall within the month did not coincide.

Comparison of Cumulative Rainfall (August 29th to September 28th, 2017)

As noted in Figures 6A and 6B, there is no available data at the Main Lagoon Lift Station. The cumulative plot at the Reservoir and at the Red Deer Station resemble closely with 271.5 mm and 283.7 mm cumulative rainfall at the end of August. The peak rainfall within the month coincide very well.

3. CONCLUSIONS

Overall the cumulative data gathered at the Reservoir in the Town of Sylvan Lake and the Red Deer Airport Station much very well. Majority of the peak rainfalls also align with some matching peaks. Based on the limited data available, it can be concluded that using the Red Deer Airport Station data for the Town of Sylvan Lake Stormwater Analysis is acceptable.

DRAFT

Figure 1A: Town of Sylvan Lake at Main Lagoon Station and Reservoir Cumulative Rainfall

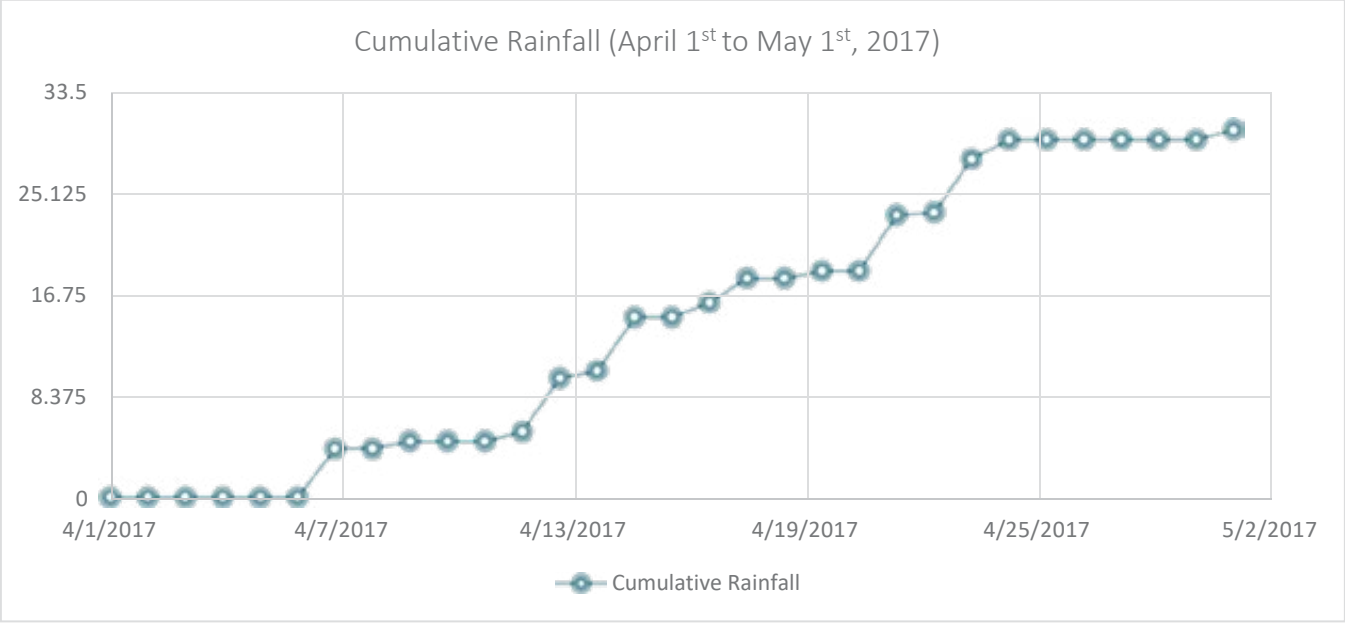


Figure 1B: National & Regional Climate Services of Canada – City of Red Deer Cumulative Rainfall

Figure 2A: Town of Sylvan Lake at Main Lagoon Station and Reservoir Cumulative Rainfall Data

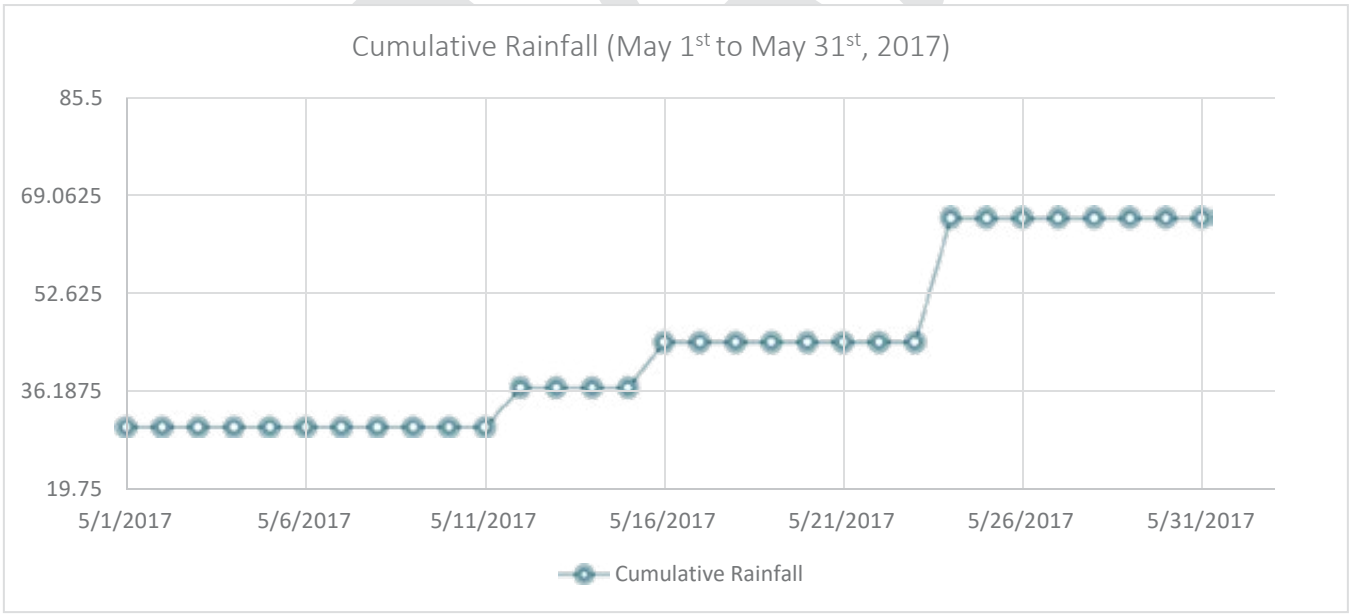


Figure 2B: National & Regional Climate Services of Canada – City of Red Deer Cumulative Rainfall

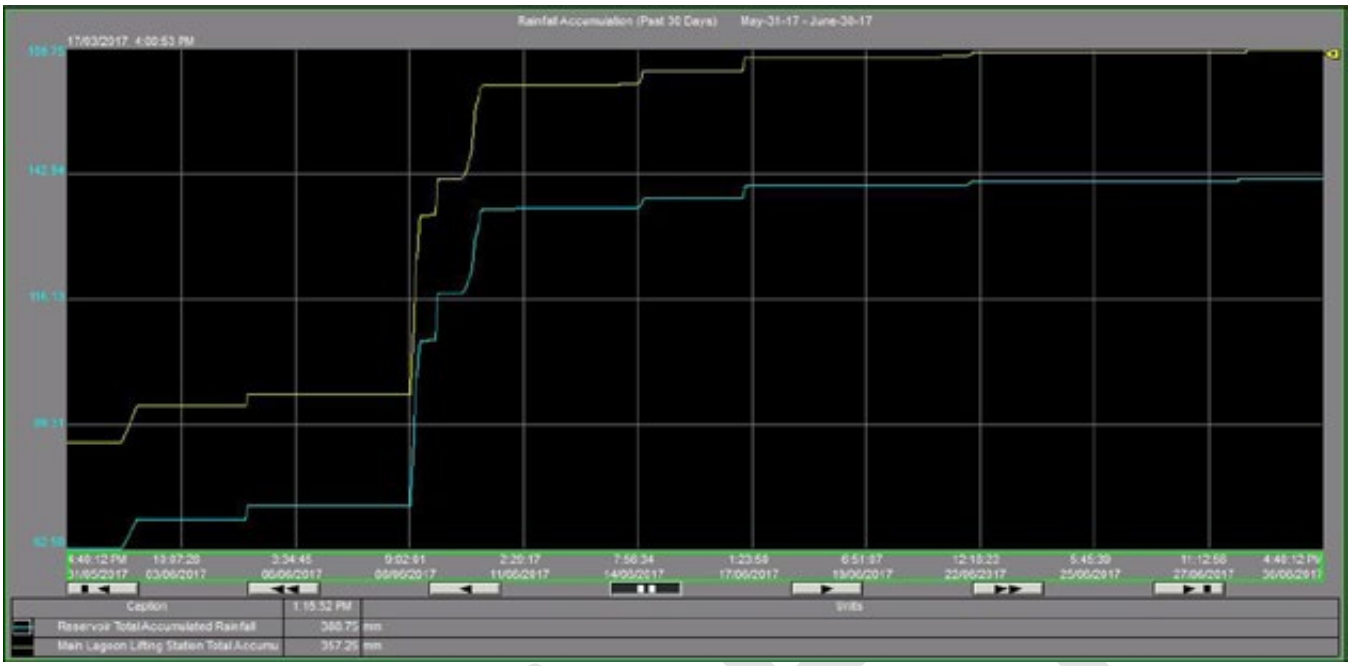


Figure 3A: Town of Sylvan Lake at Main Lagoon Station and Reservoir Cumulative Rainfall

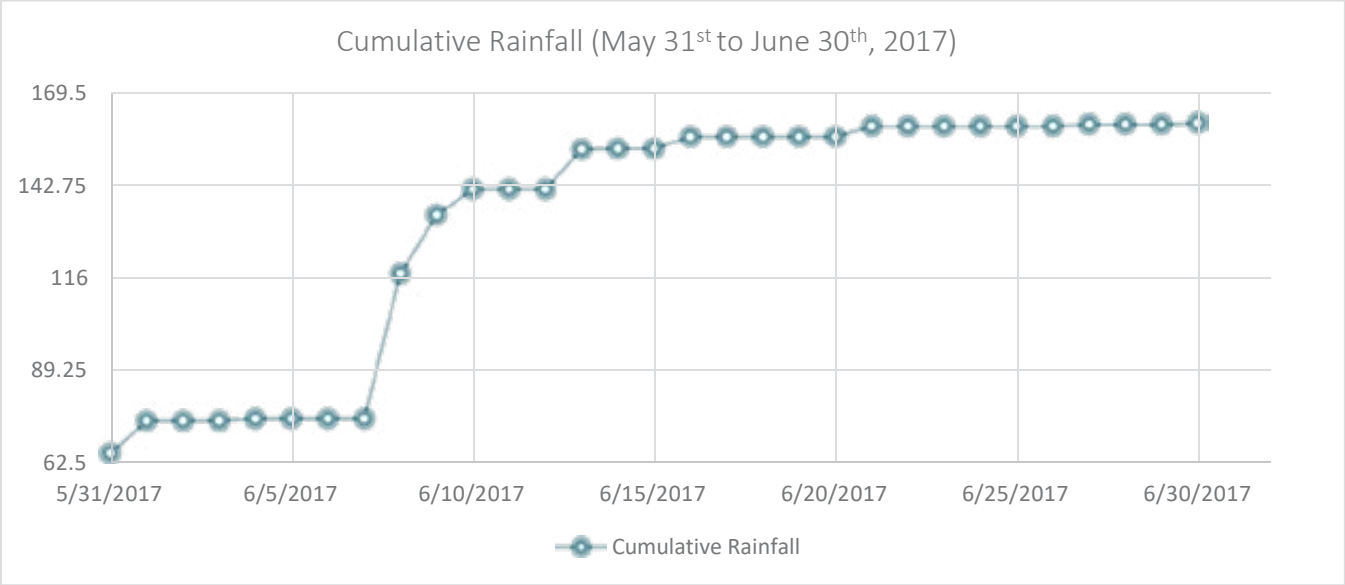


Figure 3B: National & Regional Climate Services of Canada – City of Red Deer Cumulative Rainfall

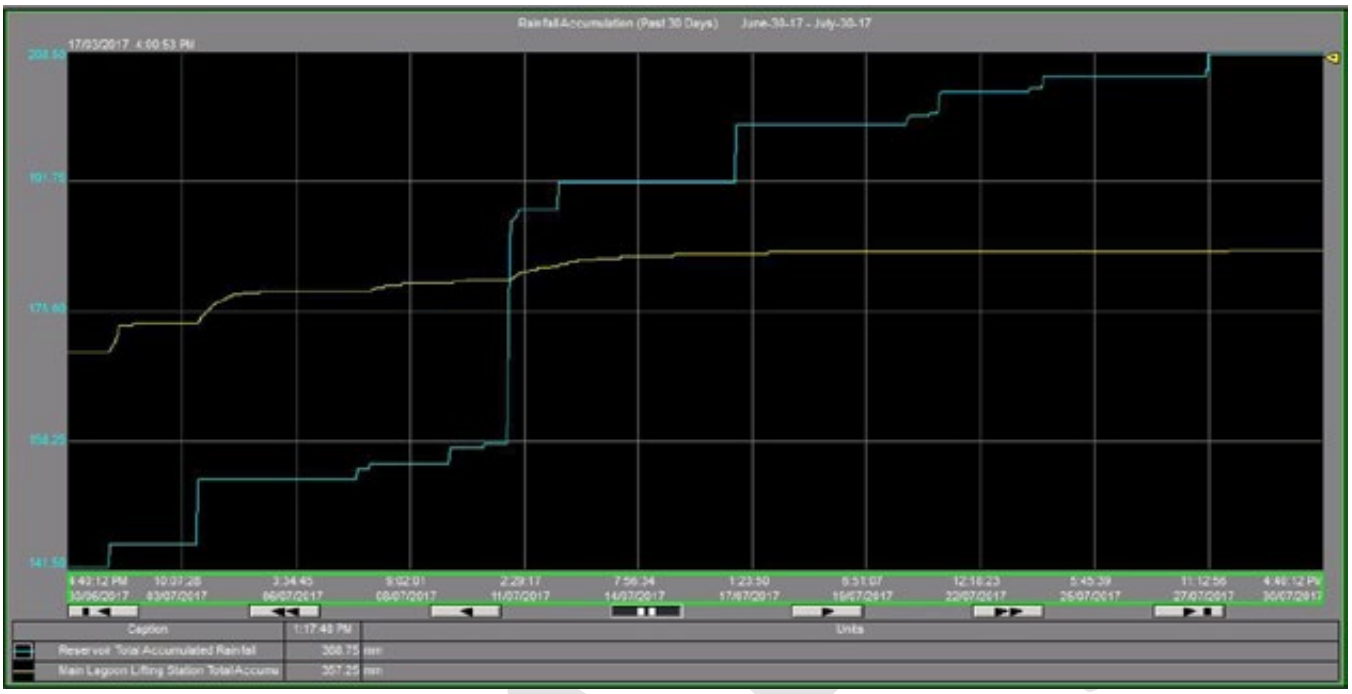


Figure 4A: Town of Sylvan Lake at Main Lagoon Station and Reservoir Cumulative Rainfall

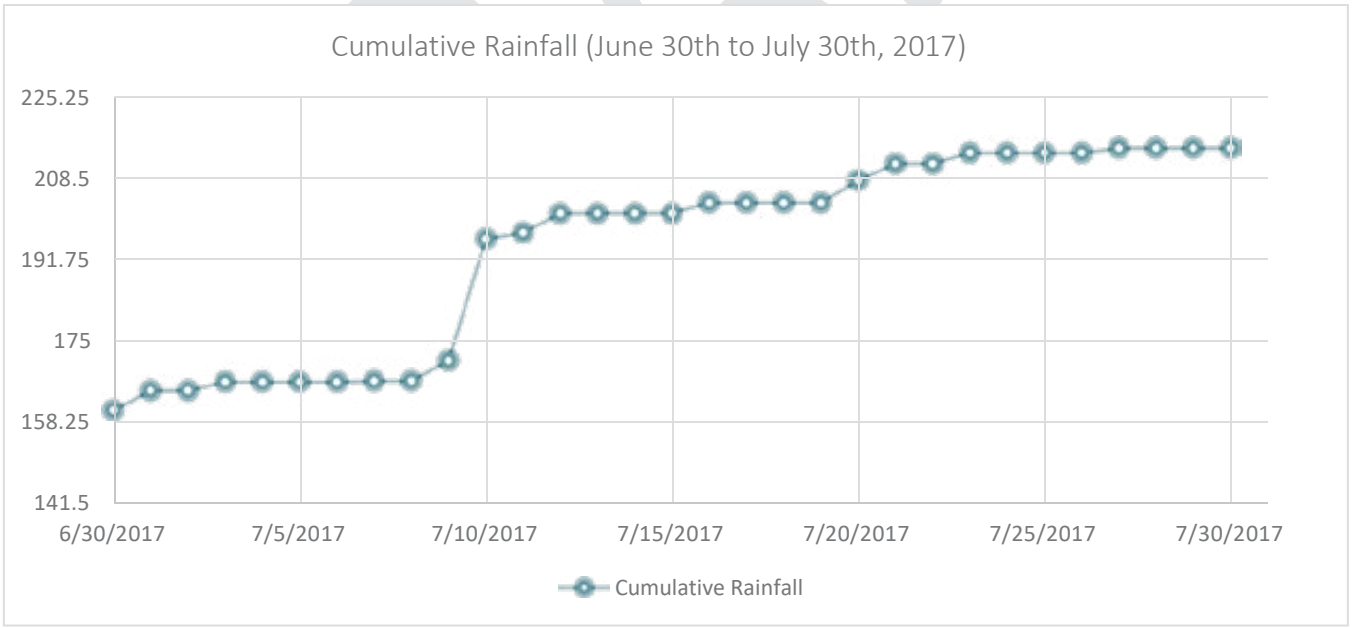


Figure 4B: National & Regional Climate Services of Canada – City of Red Deer Cumulative Rainfall

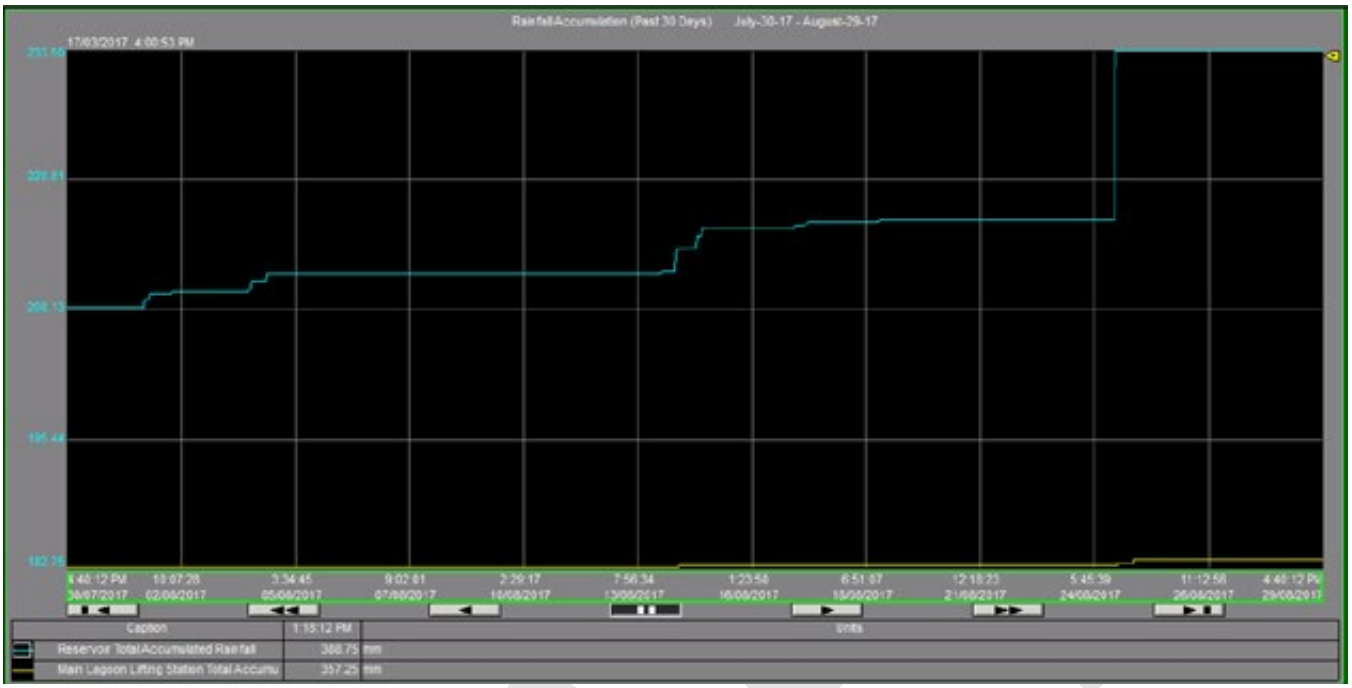


Figure 5A: Town of Sylvan Lake at Main Lagoon Station and Reservoir Cumulative Rainfall

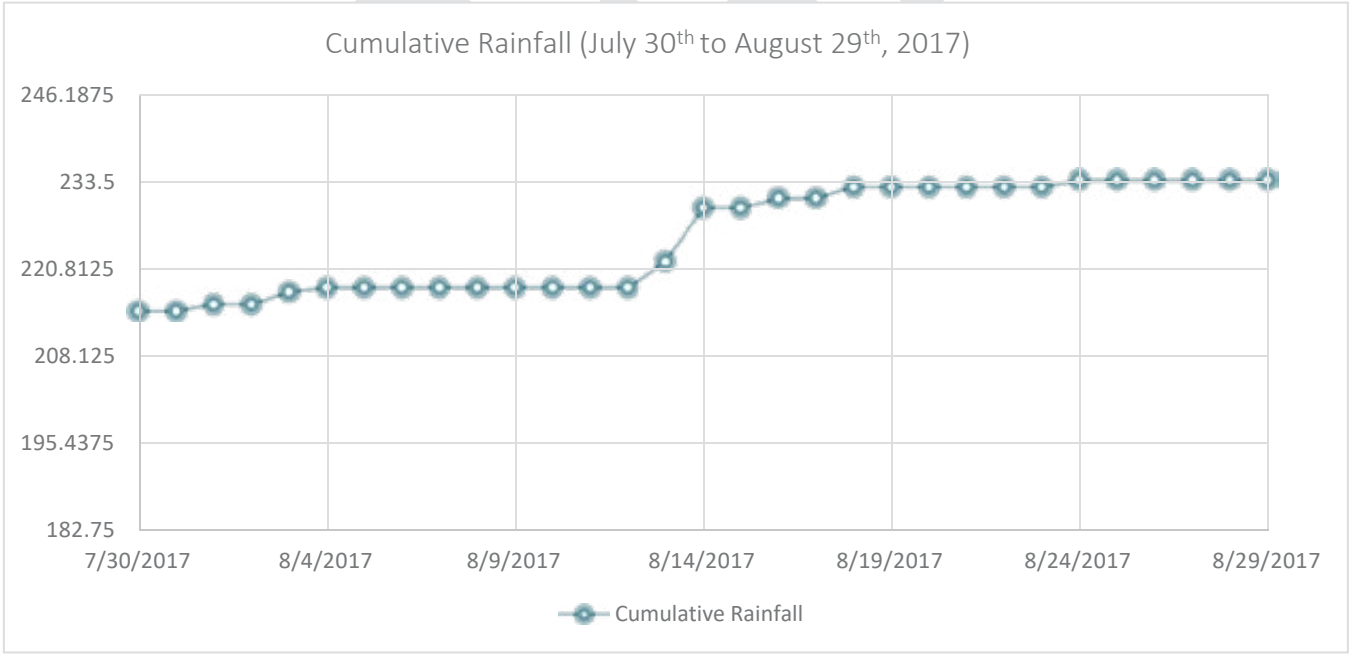


Figure 5B: National & Regional Climate Services of Canada – City of Red Deer Cumulative Rainfall

Figure 6A: Town of Sylvan Lake at Main Lagoon Station and Reservoir Cumulative Rainfall

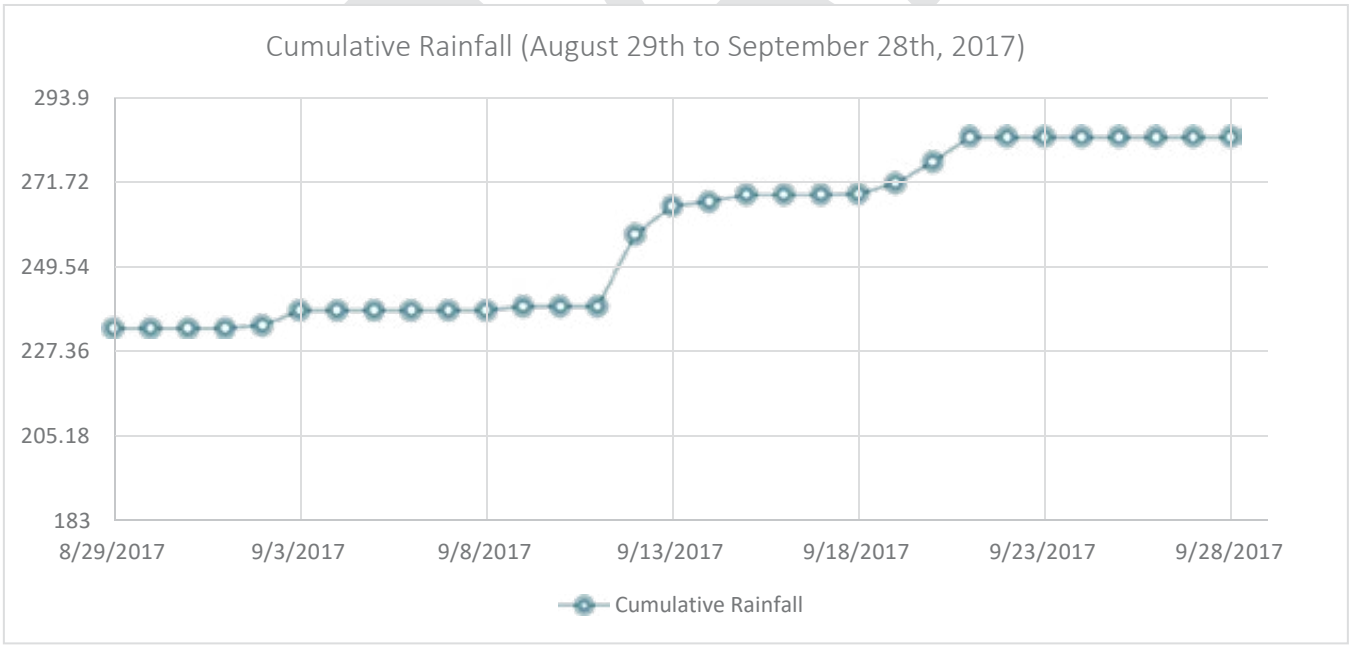


Figure 6B: National & Regional Climate Services of Canada – City of Red Deer Cumulative Rainfall

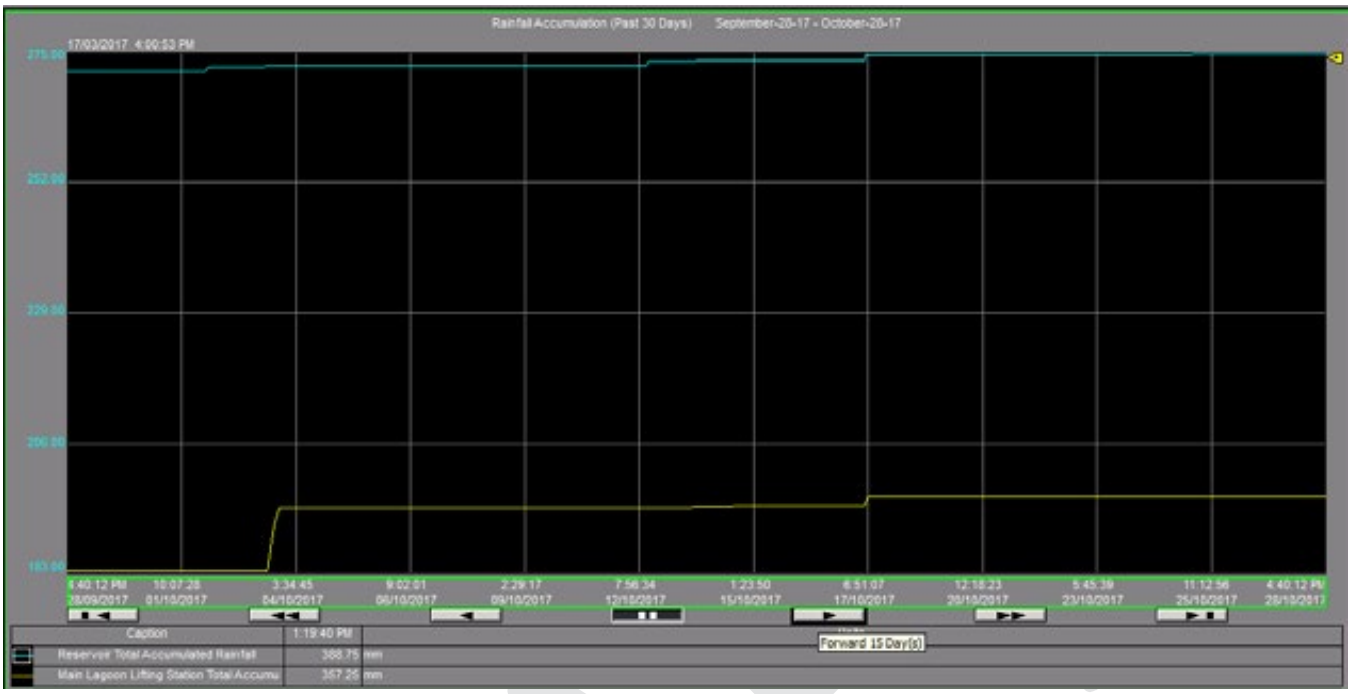


Figure 7A: Town of Sylvan Lake at Main Lagoon Station and Reservoir Cumulative Rainfall

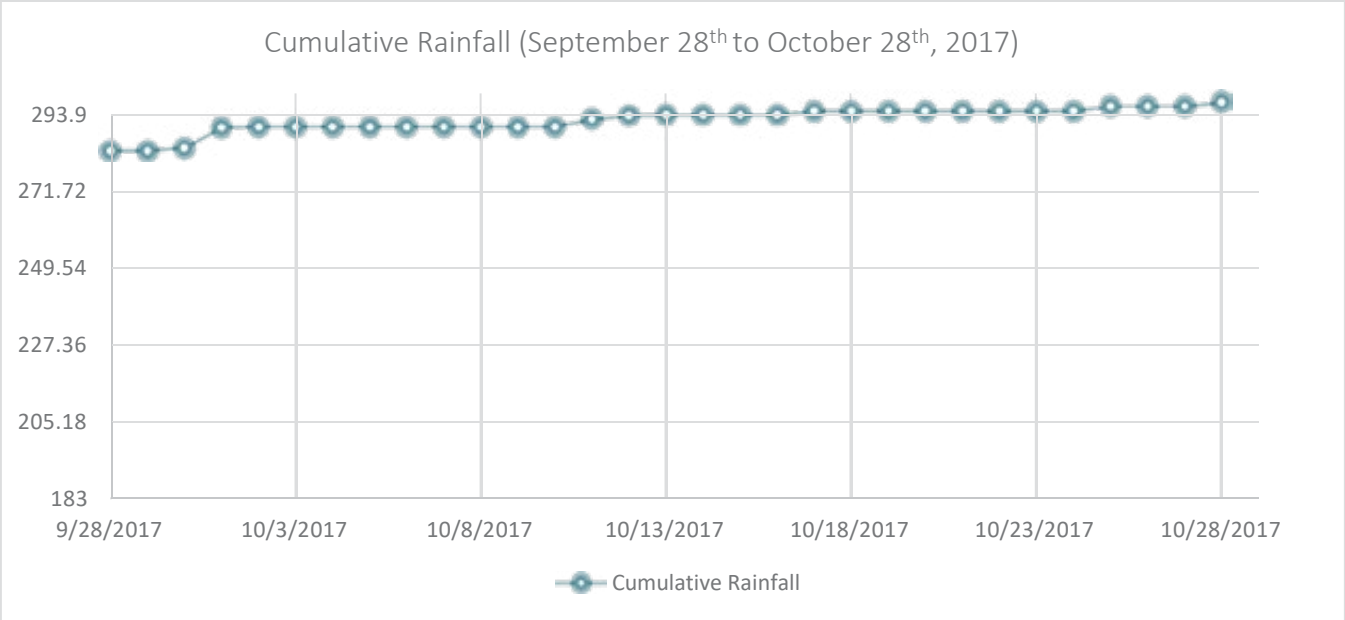


Figure 7B: National & Regional Climate Services of Canada – City of Red Deer Cumulative Rainfall

4. CLOSING

This memo is prepared for the sole use of the Town of Sylvan Lake. No representation of any kind, are made by McElhanney Consulting Services Ltd. or its employees to any party not affiliated with the Town of Sylvan Lake. The information provided in this report represents McElhanney's best professional judgement in light of the knowledge available to McElhanney during the time of preparation.

We trust the above provides the necessary information for your review. Please contact the undersigned should you have any questions.

Sincerely,

Prepared by:

Haimanot Yadete, MSc, PEng.
Senior Water Resources Engineer
hyadete@mcelhanney.com

DRAFT

APPENDIX B
PCSWMM MODEL ASSUMPTIONS

Appendix C
PCSWMM Modelling Assumptions

Project Name Sylvan Lake Stormwater Master Plan
MCSL No. 2511-00966-00
Prepared by: Jack Mckee
Review by: Haimanot Yadete

Date: June 2018

Layer	Parameter	Associated Assumptions
Sub-catchment	Rainfall parameters	Used Environment Canada Red Deer Airport IDF curves to create Chicago Design Storms.
	Catchment area (ha)	Sub-catchments were delineated using the City's parcel shape file and DEM.
	Width (m)	$Width = \sqrt{Area}$
	Flow length (m)	$Flow\ Length = \sqrt{Area}$
	Slope (%)	The average slope for the sub-catchment areas was obtained from the LiDAR terrain data.
	Percent impervious (%)	The percent of imperviousness for the sub-catchments was defined based land uses associated with the MDP. Percent impervious values were based on applicable design guidelines and adjusted based on a review of the aerial photo: o Agricultural – 30% o Highway Commercial – 80% o Neighbourhood Commercial – 65% o Neighbourhood Shopping Centre – 65% o Direct Control District – 65% o Environmental Open Space – 5% o Light Industrial – 70% o Heavy Industrial – 80% o Lakeshore Direct Control - 65% o Public Facility – 30% o Large Lot Residential – 35% o Medium Lot Residential - 40% o Medium Density Residential – 50% o High Density Residential – 70% o Manufactured Home – 40% o Narrow Lot General Residential – 50% o Narrow Lot Duplex Residential – 65% o Recreational Facility – 30% o Future Development – 51% o Waterfront Direct Control – 65% o Paved Road (Includes entire ROW) – 70%
	Manning's N for impervious area	A Manning's "n" roughness value of 0.013 was used for impervious areas.
	Manning's N for pervious area	A Manning's "n" roughness value of 0.15 was used for pervious areas.

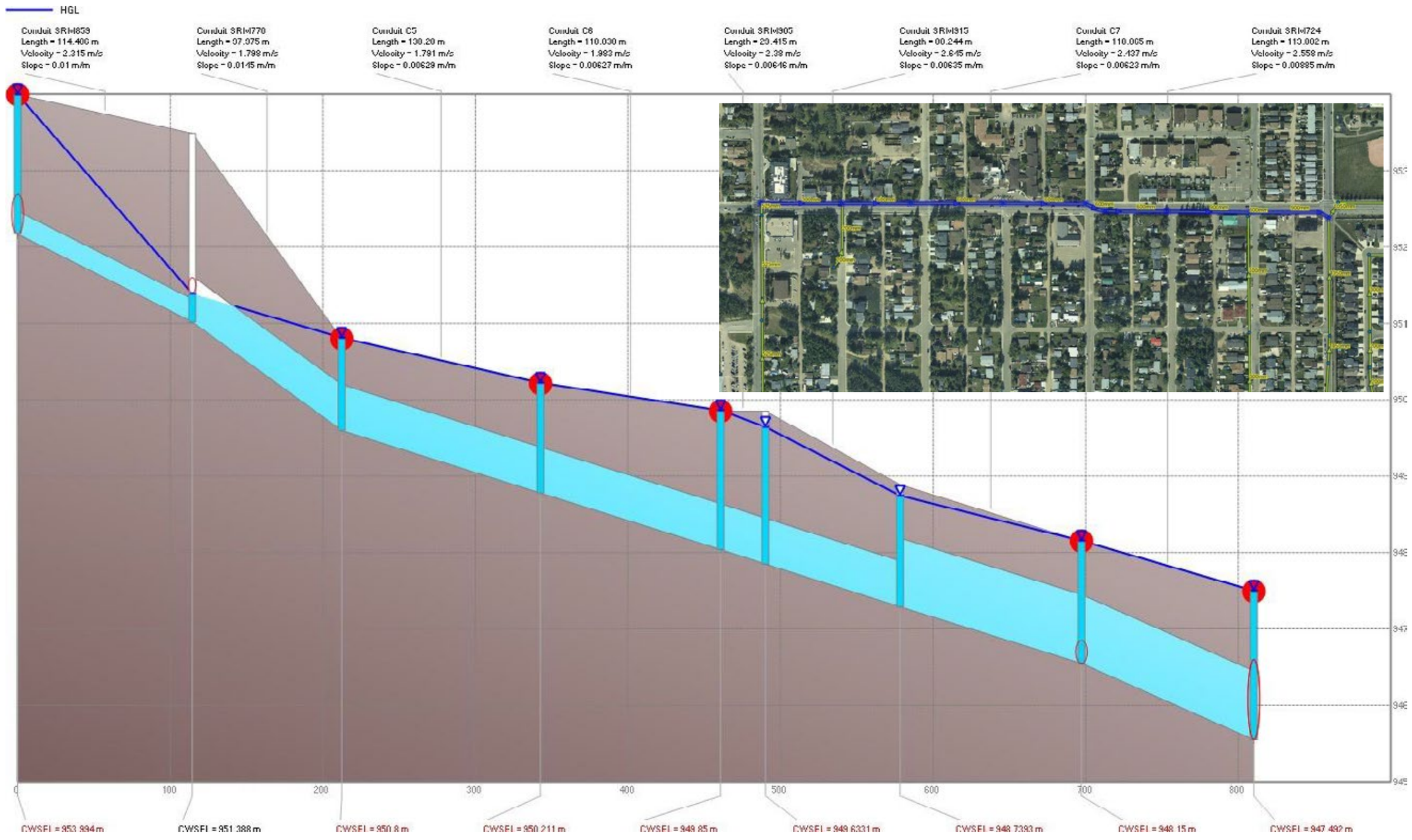
	Infiltration method	Soil assumed to be Clay Till (Based on review of all geotechnical reports provided), the Green-Ampt infiltration method was used with the following parameters: o Suction head (mm) = 292.2 mm o Conductivity (mm/hr) = 3.0 mm/hr o Initial deficit (frac.) = 0.267
	Depression storage	The following depression storage values were used: o Impervious surface (mm) = 1.6 o Pervious surface (mm) = 3.2
	Subarea routing	Agricultural/Parks/Open Space: 100% impervious area routed to pervious area Residential: 20% - 50% impervious area routed to pervious area Remaining land uses: No Routing

Layer	Parameter	Associated Assumptions
Conduits	Roughness	Concrete – 0.013 PVC – 0.013 CSP – 0.025 Ditch – 0.025 Stream – 0.035
Outfalls	Type	Fixed for outfall to standing water/Free for outfall to ditch

APPENDIX C
MODEL PROFILES

EXISTING CONDITIONS – 5Yr 2hr Chicago Design Storm

47th Ave from 50th St to Highway 20



HGL

Conduit SR M680
Length= 168 .079 m
Velocit}' = 2.525 *mis*
Slope = 0.0104 m/m

Conduit SR M689
Length = 25.579 m
Velocit}' = 3. 721 *mis*
Slope = 0.00782 m/m

Conduit SR M280
Length = 371 .535 m
Velocit}' = 2.812 *mis*
Slope= 0.00544 m/m

Conduit SR M55
Length= 58.298 m
Velocit}' = 2.807 *mis*
Slope = 0.00635 m/m

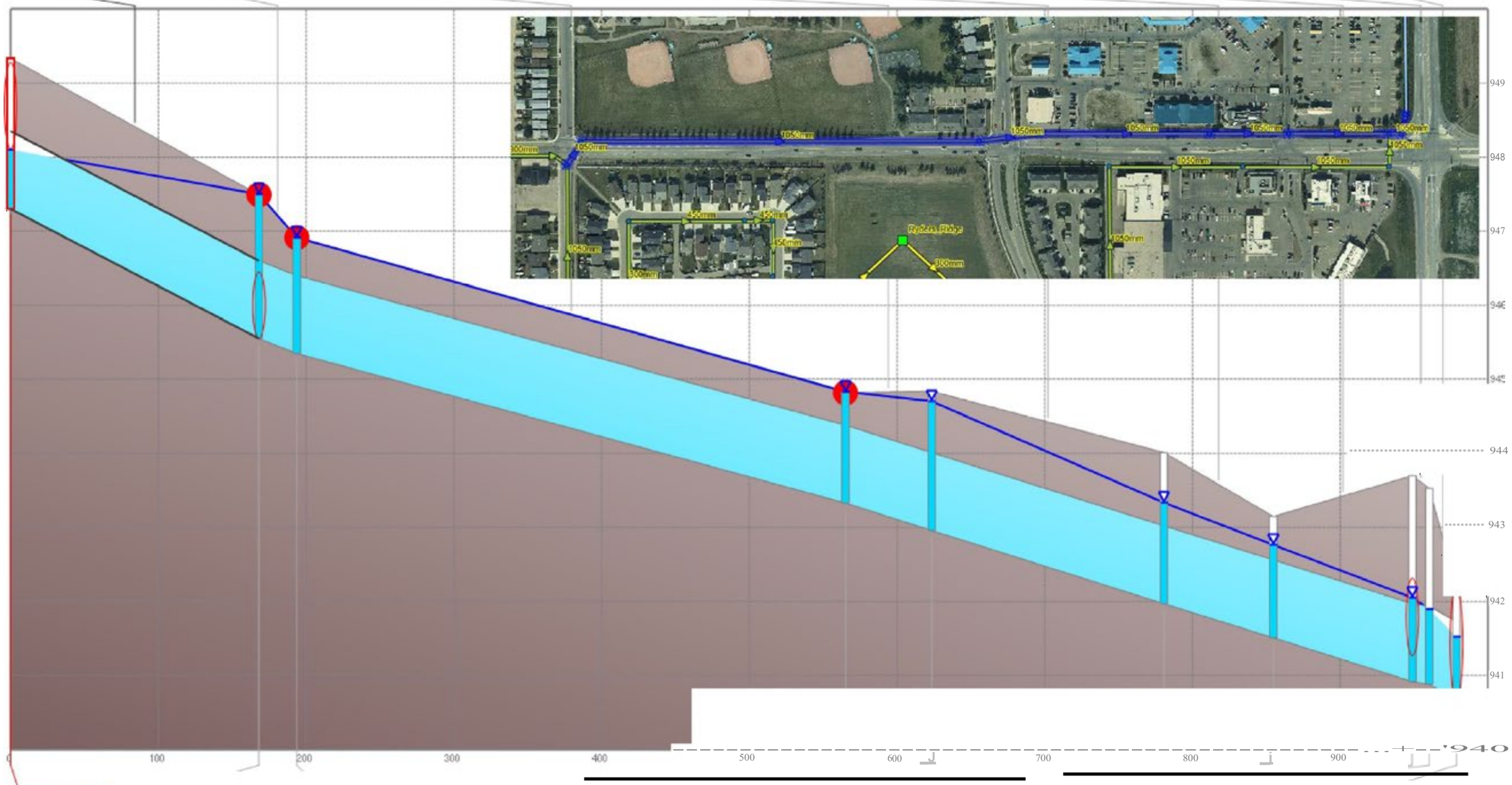
Conduit SR M281
Length = 157.207 m
Velocit}' = 2.834 *mis*
Slope = 0.0063 m/m

Conduit SR M283
Length= 74.099 m
Velocit}' = 2.89 *mis*
Slope = 0.00621 m/m

Conduit SR M284
Length= 94.101 m
Velocit}' = 2.826 *mis*
Slope = 0.00628 m/m

Conduit SR M530
Length= 11 .463 m
Velocit}' = 3 .84 *mis*
Slope = 0.00323 m/m

Conduit C23
Length = 18.366 m
Velocity = 5.74 m/s
Slope = 0.0109 m/m



CWSEL = 948.0937 m
05/22/2018 12:46AM

CWSEL= 947.492 m
05/22/2018 12:38AM

CWSEL= 946.913 m
05/22/2018 12:38AM

CWSEL= 944.818 m
05/22/2018 12:40AM

CWSEL= 944.6981 m
05/22/2018 12:40AM

CWS EL= 943.3254 m
05/22/2018 12:44AM

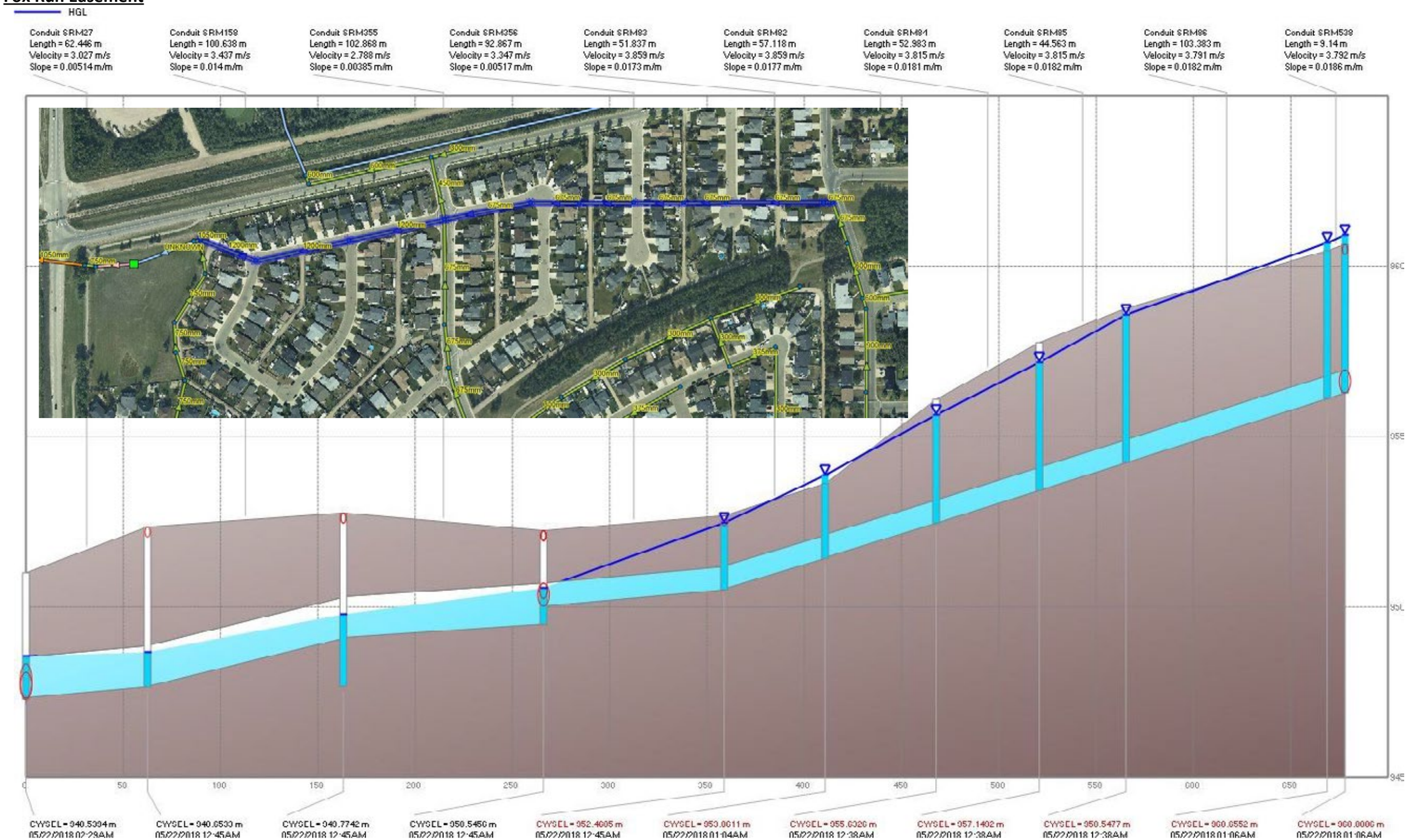
CWSEL= 942.7574m
05/22/2018 12:45AM

CWSEL= 942.049 m
05/22/2018 12:45AM

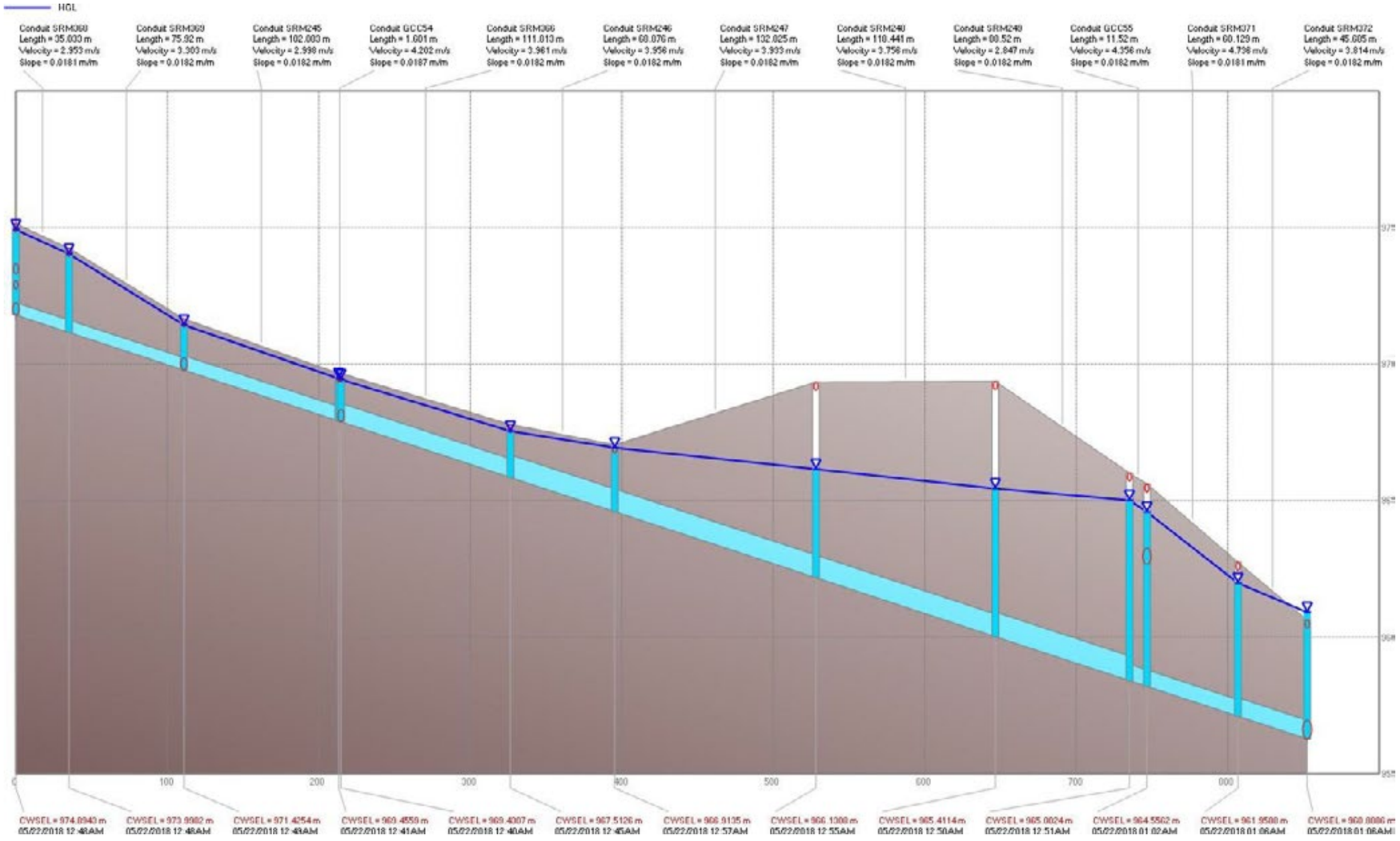
CWSEL= 941.884m
05/22/2018 12:45AM

CWSEL= 941.5132 m
05/22/2018 12:50AM

Fox Run Easement

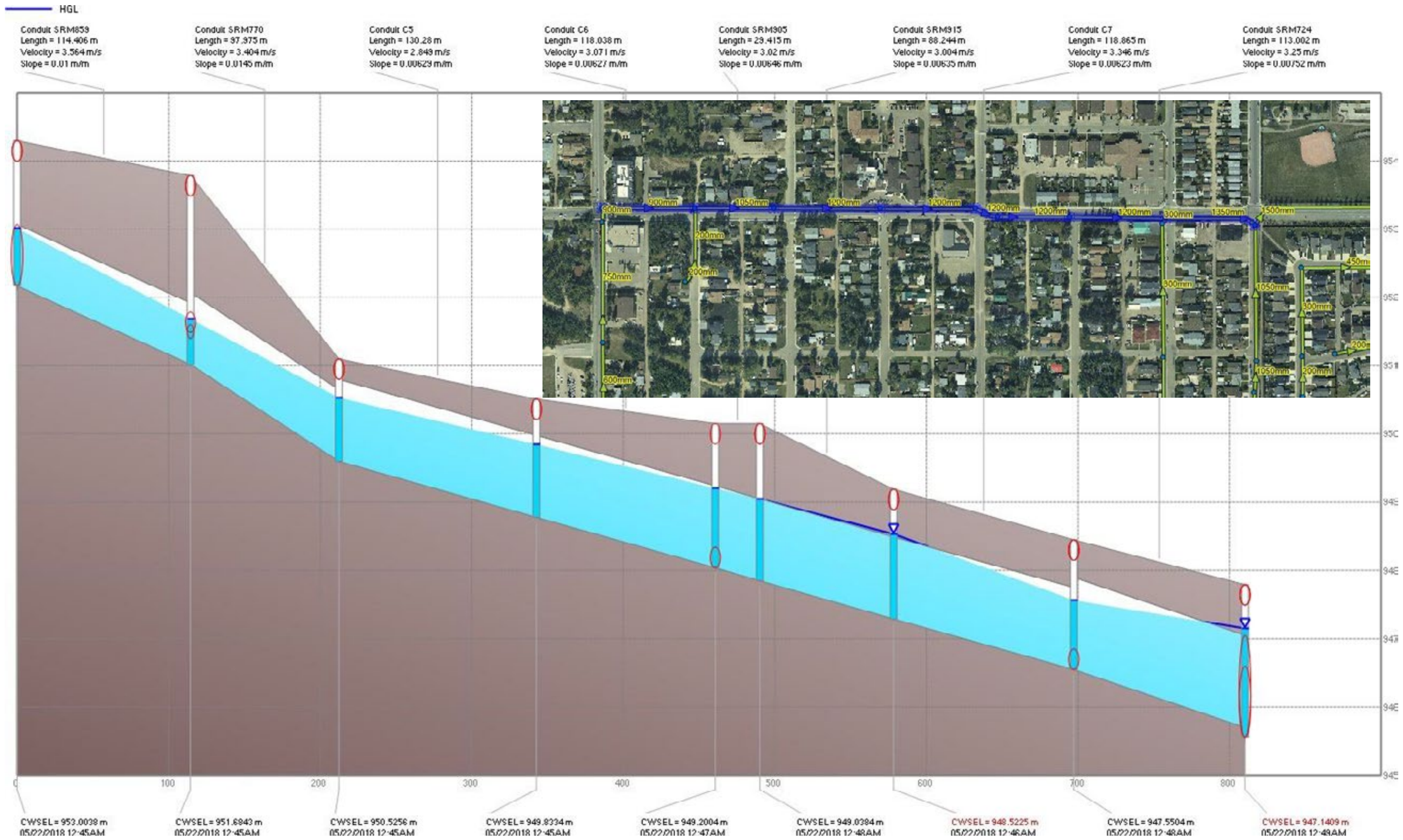


Westview Drive Storm



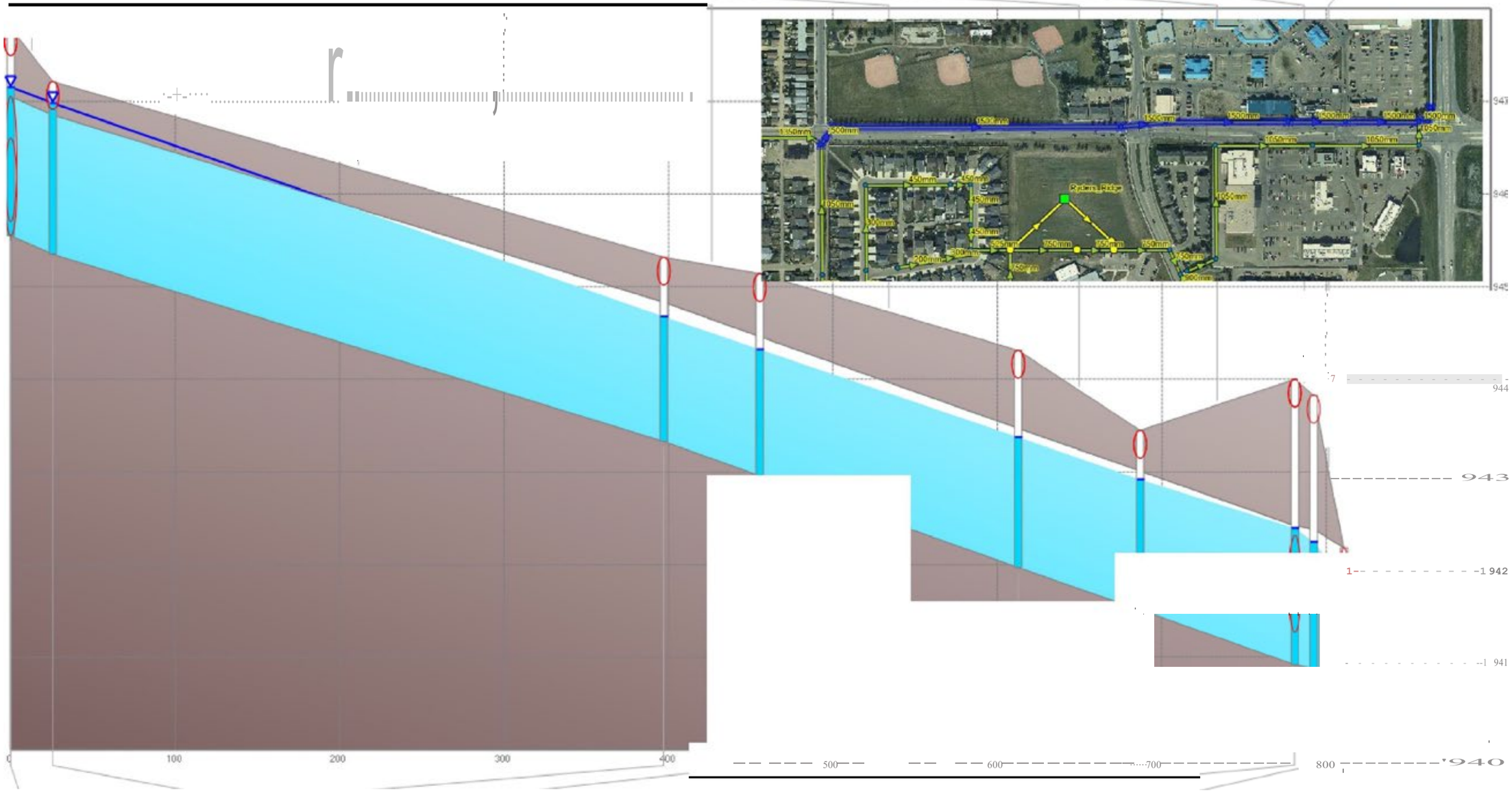
PROPOSED CONDITIONS – 5Yr 2hr Chicago Design Storm (WITH CLIMATE CHANGE)

47th Ave from 50th St to Highway 20

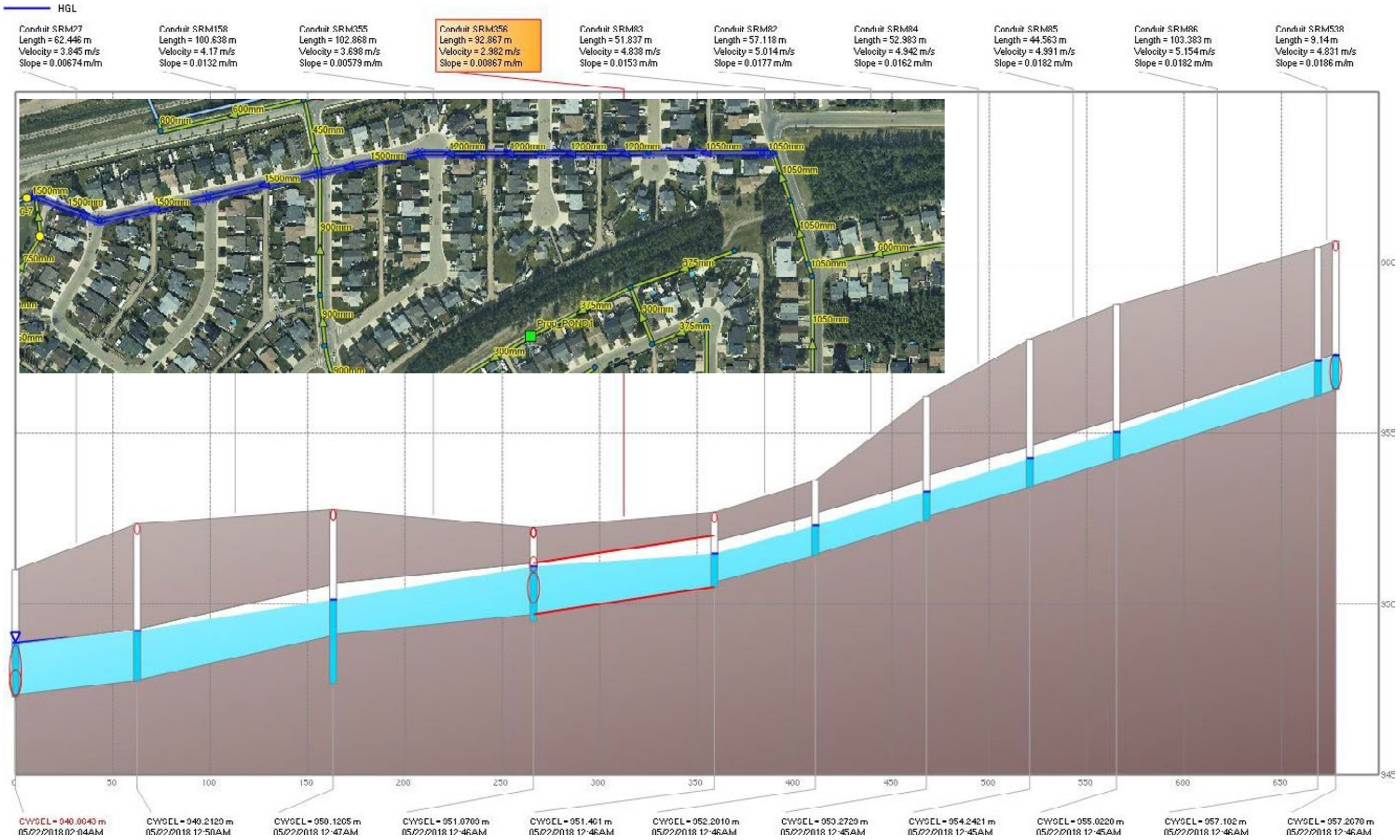


HGL

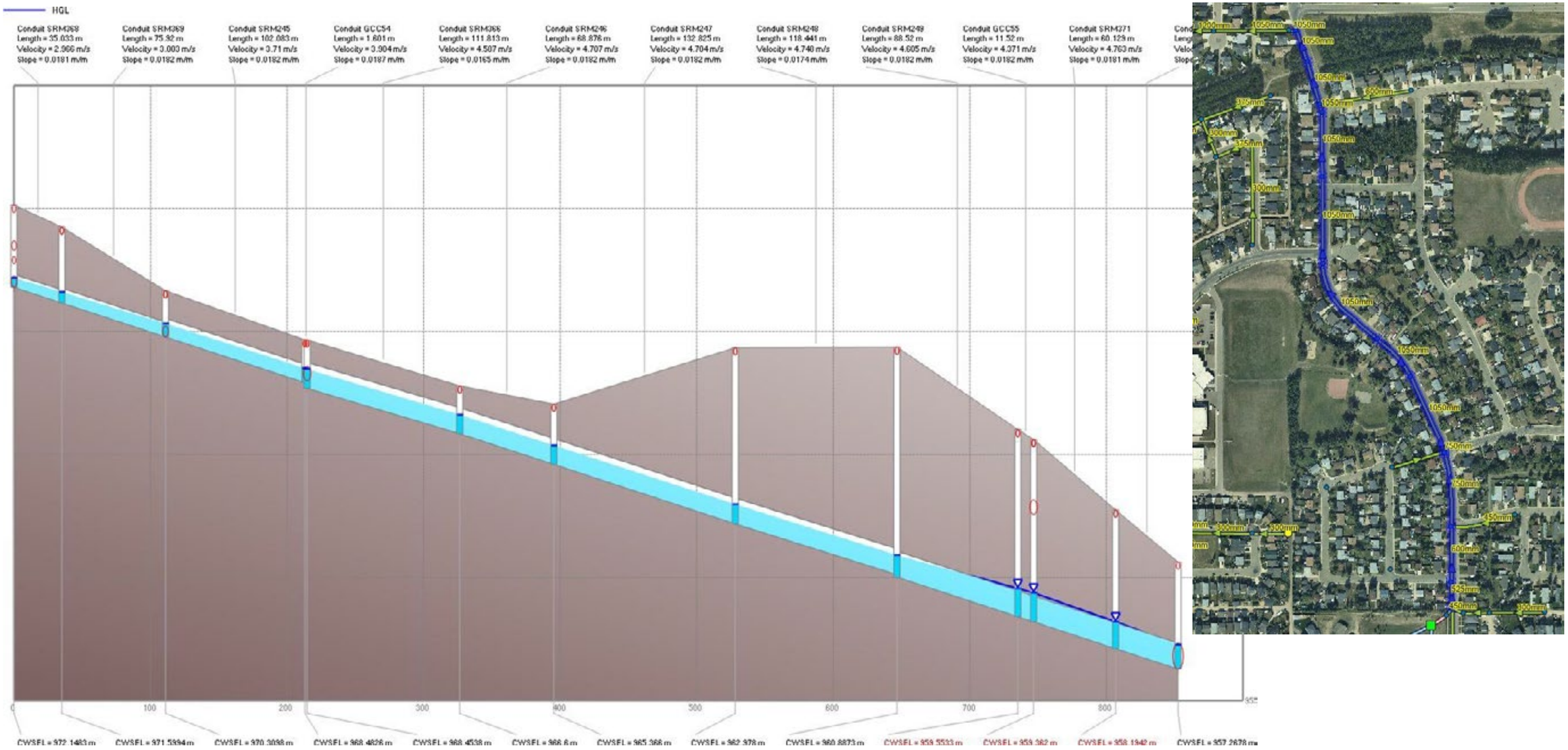
Conduit SR M689	Conduit SR M280	Conduit SR M55	Conduit SR M281	Conduit SR M283	Conduit SR M284	Conduit SR M530	Conduit C23
Length = 25.579 m	Length = 371 .535 m	Length = 58.298 m	Length = 157.207 m	Length= 74.099 m	Length= 94.101 m	Length= 11 .463 m	Length = 18.366 m
Velocit}' = 3 .481 *mis*	Velocit}' = 3 .426 *mis*	Velocit}' = 3 .547 *mis*	Velocit}' = 3 .532 *mis*	Velocit}' = 3 .533 *mis*	Velocit}' = 3 .56 *mis*	Velocit}' = 4.722 *mis*	Velocit}' = 5 .264 *mis*
Slope= 0.00782 m/m	Slope = 0 .00544 m/m	Slope= 0.00635 m/m	Slope = 0 .0063 m/m	Slope= 0.00621 m/m	Slope = 0 .00628 m/m	Slope= 0.00323 m/m	Slope = 0.0109 m/m


1350mm
1500mm
1500mm
1500mm
1500mm
1500mm
1500mm
1050mm
1050mm
1050mm
450mm
450mm
450mm
450mm
450mm
1050mm
Ryders Ridge
1050mm
750mm
750mm
750

Fox Run Easement



Westview Drive Storm



APPENDIX D
COSTING

SYLVAN LAKE STORMWATER MANAGEMENT PLAN
SYLVAN LAKE, AB
CAPACITY-RELATED UPGRADES SEWER RE-ROUTING UPGRADES
CLASS D CONSTRUCTION COST ESTIMATE

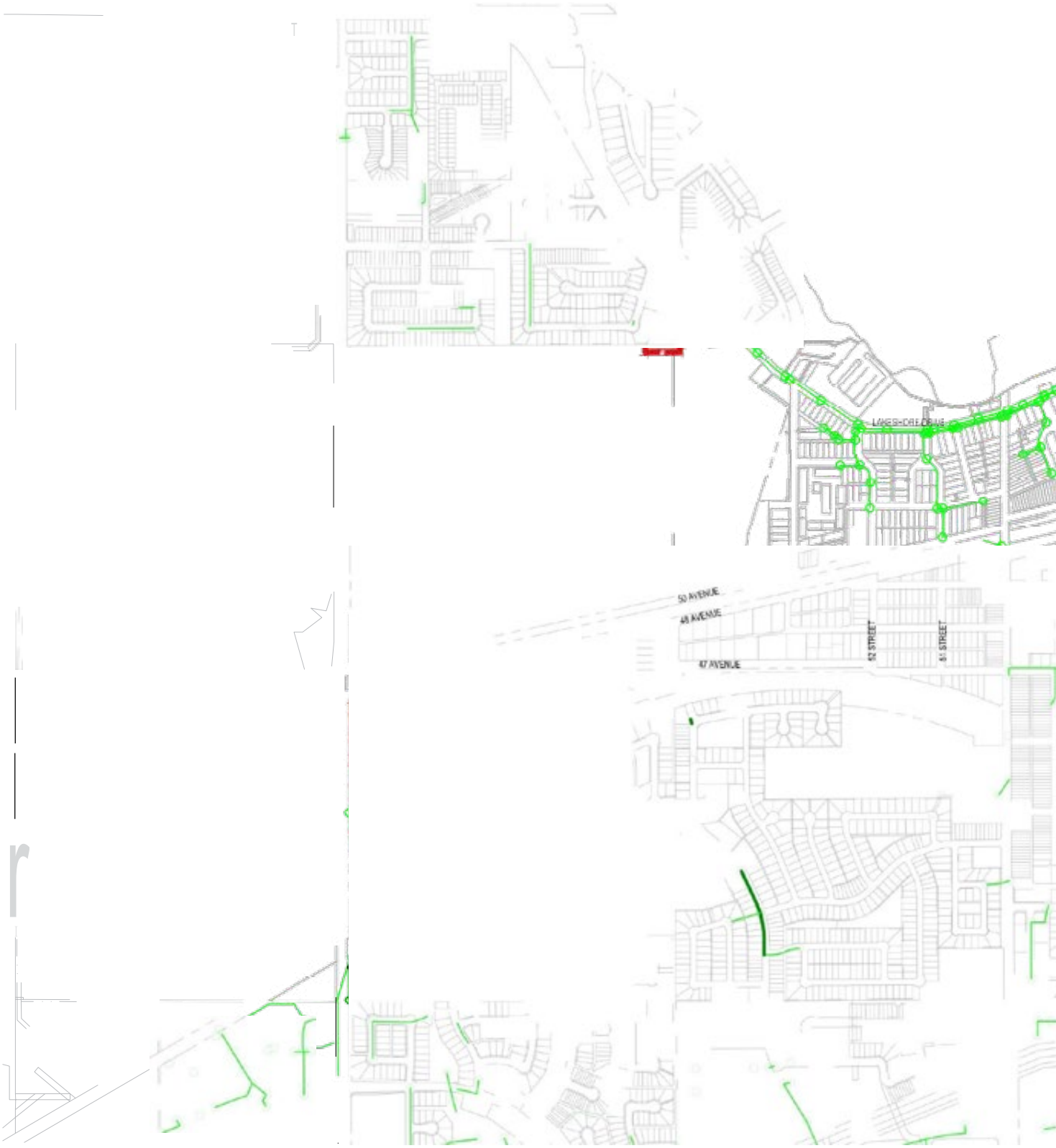
	PROJECT DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1.0	**Willow Street Storm**				
1.1	`525 mm dia. Sewer Pipe, Imported Backfill	m	86	$2,625	$ 225,750
	SUBTOTAL				**$ 225,750**
	CONTINGENCY ALLOWANCE @ 40%				$ 91,000
	SUBTOTAL CONSTRUCTION COST				$ 316,750
	ENGINEERING @ 15%				$ 48,000
	TOTAL CONSTRUCTION COST				**$ 365,000**

	PROJECT DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
2.0	**The 47th Ave Storm Upgrades**				
2.1	`600 mm dia. Sewer Pipe, Imported Backfill	m	107	$3,000	$ 321,000
2.2	`750 mm dia. Sewer Pipe, Imported Backfill	m	149	$3,750	$ 558,750
2.2	`900 mm dia. Sewer Pipe, Imported Backfill	m	132	$4,500	$ 594,000
2.2	`1050 mm dia. Sewer Pipe, Imported Backfill	m	98	$5,250	$ 514,500
2.2	`1200 mm dia. Sewer Pipe, Imported Backfill	m	485	$6,000	$ 2,910,000
2.3	`1350 mm dia. Sewer Pipe, Imported Backfill	m	113	$6,750	$ 762,750
2.3	`1500 mm dia. Sewer Pipe, Imported Backfill	m	811	$7,500	$ 6,082,500
	SUBTOTAL				**$ 11,743,500**
	CONTINGENCY ALLOWANCE @ 40%				$ 4,698,000
	SUBTOTAL CONSTRUCTION COST				$ 16,441,500
	ENGINEERING @ 15%				$ 2,467,000
	TOTAL CONSTRUCTION COST				**$ 18,909,000**

	PROJECT DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
3.0	**Fox Run Easement**				
3.1	`1050 mm dia. Sewer Pipe, Imported Backfill	m	113	-$5,250	-$ 593,250
3.2	`1200 mm dia. Sewer Pipe, Imported Backfill	m	207	$6,000	$ 1,242,000
3.3	`1500 mm dia. Sewer Pipe, Imported Backfill	m	359	$7,500	$ 2,692,500
	SUBTOTAL				**$ 3,341,250**
	CONTINGENCY ALLOWANCE @ 40%				$ 1,337,000
	SUBTOTAL CONSTRUCTION COST				$ 4,678,250
	ENGINEERING @ 15%				$ 702,000
	TOTAL CONSTRUCTION COST				**$ 5,381,000**

	PROJECT DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
4.0	**Westview Storm Sewer**				
4.1	`525 mm dia. Sewer Pipe, Imported Backfill	m	35	$2,625	$ 91,875
4.1	`600 mm dia. Sewer Pipe, Imported Backfill	m	80	$3,000	$ 240,000
4.1	`750 mm dia. Sewer Pipe, Imported Backfill	m	104	$3,750	$ 390,000
4.2	`1050 mm dia. Sewer Pipe, Imported Backfill	m	638	$5,250	$ 3,349,500
	SUBTOTAL				**$ 4,071,375**
	CONTINGENCY ALLOWANCE @ 40%				$ 1,629,000
	SUBTOTAL CONSTRUCTION COST				$ 5,700,375
	ENGINEERING @ 15%				$ 856,000
	TOTAL CONSTRUCTION COST				**$ 6,557,000**

APPENDIX E
SURVEY LOCATIONS



McElhanney

McEl[illegible]g Sc, ices Ltd.

Units 100& 402
11th Avenue SE
Calgary AB
Canada T2GOY4
Tel4032625042

LEGEND:

- EXISTING STORM MAIN ANO MANHOE PROVIDED BY THE TOWN OF SYLVAN LAKE
- SURVEYED STORM MAIN AND MANHOLE
- SURVEYED TOPOGRAPHIC AREA

APPENDIX F

HEWLETT PARK TECHNICAL MEMORANDUM

TECHNICAL MEMORANDUM

To	From
Eric Boudreau, P.Tech. (Eng.), Project Manager	Andy Heath, P.Eng., P.E., Project Manager Adam Sullo, P.Eng.
Company	**Company**
Town of Sylvan Lake	McElhanney Consulting Services Ltd.
Re	**Date**
OP1825: Storm Water Master Plan, Hewlett Park **Technical Memo #1 – Preliminary Engineering Analysis**	April 30, 2019

1.0 INTRODUCTION

McElhanney is pleased to submit this technical memorandum in support of the Preliminary Analysis of the Hewlett Park area, located in northeast part of the Town of Sylvan Lake. This summary of preliminary findings has been prepared to provide an overview of the design criteria, approach and rational used in the development of the recommended preliminary design for the improvement of surface and subsurface drainage in the Hewlett Park area. The drainage condition in the area has resulted in deterioration of Town infrastructure and an increase in concern from local citizens.

It should be noted that this technical memo is prepared in consultation with the Town of Sylvan Lake and in accordance with the requirements of the Town's Design Guidelines. The preliminary design methods and recommendations presented herein consider a fully integrated approach in surface water management, subsurface drainage improvement and road structure upgrade of the Hewlett Park area.

2.0 PROJECT INTERPRETATION

Problem Definition

The problem for the project area was defined through discussion with the Town, review of previous studies, visual field inspections, topographic surveys and stormwater modelling being conducted in concurrently with the Town wide overall Storm Water Master Plan study. McElhanney has observed that roadways within Hewlett Park area, especially along Hunter Road and sections of Hinshaw Drive and Hagerman Road, are showing signs of major asphalt heaving and significant cracking or vertical deflections along concrete infrastructure including sidewalk, curbing and catch basins. It is our understanding that these issues were first noted in 2014 and has gotten progressively worse since then resulting in observed full or near full storm pipes and damaged catch basin and manhole structures at the surface. It is believed that major contributing to the road heaves may directly be related to a high groundwater table as this neighborhood may have been constructed in a former wet (marsh) area. Fortunately, based on our discussions with the Town, there has been no basement flooding in the area, and that all properties have sump pumps. The issues have only been on Town infrastructure with no damage to private property.

Project Objectives

The main objective of the preliminary design for this assignment is to ultimately address the root cause of the infrastructure issues within the Hewlett Park area and improve the continuous basement pumping reported by residents along Hunter Road. Even though infrastructure damage is observed in the other parts of the Hewlett Park area, its damage is significant along Hunter Road and especially around the storm sewers connecting the Hewlett Park Pond to the existing open channel ditch leading to the Hampton Point Pond.

For the preliminary findings to be successful, the overall design will need to demonstrate that a recommended integrated improvement approach will address the root cause(s) and will provide a lasting solution to observed damages on the road

and other infrastructure. In consideration of required improvements to surface drainage, subsurface drainage, pond operation and road rehabilitation / reconstruction, the overall design will need to:

- Ensure that the surface and subsurface drainage system in the northern part of the Hewlett Park area (in and around Hunter Road) be re-designed to effectively and efficiently drain the road and the surrounding area and to lower the existing subsurface water as much as possible.

- The road structure upgrade will need to consider the existing high water table and the shallow nature of the storm sewer system.

Project Limits

Figure 1: Anticipated Project Limits

The existing Hunter Road is a paved two-lane roadway located in the north part of the Hewlett Park area development. There is currently an existing storm sewer system for the roadway. The storm sewer outlets into a surface ditch running west-to-east and then northward to a wet pond. From there the flow is conveyed east through a series of culverts crossing Erikson Drive and Highway 20. The flow is eventually conveyed southeast to Cygnet Lake.

Even though the main concern of the road heave to be addressed is primarily along the Hunter Road, it is important to gather a complete drainage data from the entire Hewlett Park area, including the underground storm sewer network. The project limit also encompasses the storm sewer systems that are parallel to the roadways, the series of surface ditches and ponds that extend from the CP Rail track in the north to Highway 20 in the east. Figure 1 presents the anticipated Project Limits for this assignment.

3.0 BACKGROUND REVIEW

Background Information Gathering

The *Town of Sylvan Lake Stormwater Management Guidelines* has been relied upon as the primary source for design criteria for the analysis of this assignment. However, other relevant documents to the Hewlett Park area provided by the Town have been reviewed, as follows:

- *Sylvan Lake Development Process and Design Guidelines;*
- *Hunter Road Survey and Road Reconstruction Options (Tagish Engineering, August 2017);*
- *Sylvan Lake Water Quality Assessment and Watershed Management Considerations (AXYS Environmental Consulting, July 2015)*
- *Geotechnical Investigation Proposed Lighthouse Pointe Subdivision (Parkland Geo, 2015);*
- *Geotechnical Assessment for Proposed Sylvan Lake Norell Business Park (Parkland Geo, 2014); and*
- *Geotechnical Investigation Sylvan Lake NexSource Centre (Union Street Geotechnical Ltd., 2014).*

Review of Tagish Memorandum (August 2017)

The memorandum provided by Tagish Engineering summarizes that based on the investigation to date, the reasons for road failures could largely be due to high groundwater elevation. The memo also concluded that due to the restriction of the elevation of the existing drainage ditch to the north of the subdivision, attempting to lower the groundwater elevation would be difficult to achieve.

The findings from the survey conducted within the study indicate that all the road cross sections showed some extent of consistent movement across the entire road. Cross sections which showed drastic movement are located at the lowest points and groundwater is suspected to be the main contributor of the movement.

It is understood that on May 18, 2016, the Town completed an excavation of a small portion of the roadway along Hunter Road west of Hinshaw Drive. In the excavation the asphalt ranged from 40 to 75 mm thick, granular structure ranged from 400 to 600 mm thick over the storm main pipe with filter fabric between granular and high moisture clay subgrade.

It was indicated that settlement issues around the storm main could be due to the continual freeze-thaw movement in in the subgrade material around the pipe and that area where the movement was observed the largest is where the groundwater is the highest, the depth of the main is the shallowest and the diameter of the main is equal or larger than 900 mm.

Groundwater Analysis

McElhanney reviewed documentation, primarily a study named *Sylvan Lake Water Quality Assessment and Watershed Management Considerations* to estimate the effects that groundwater may be having near Hunter Road. The assessment will assist the Town in selecting the most suitable engineering solution to mitigate issues with roads and related infrastructure in this area.

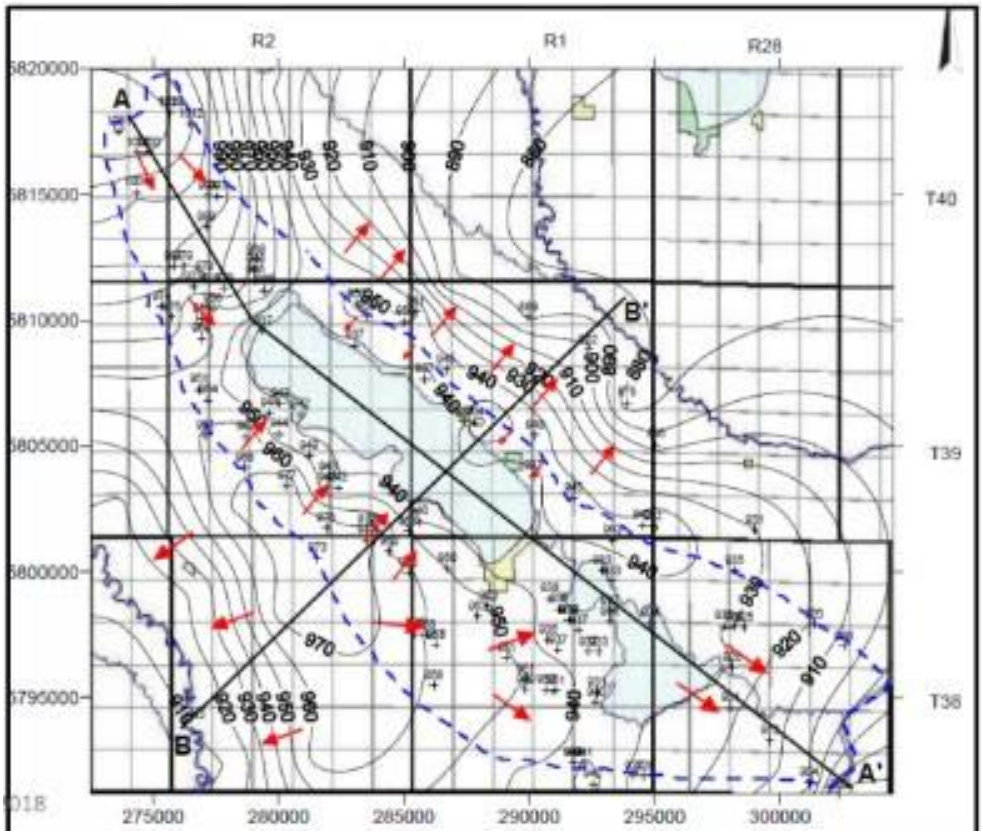
Objective of Review

The goal of this review is estimate groundwater elevations in the Hunter Road area based on available information, which will assist in the analysis to provide a long-term engineering solution for road construction and maintenance. The solution may require some form of drainage or dewatering strategy depending on the engineering solution that is selected.

Sylvan Lake is situated within a groundwater basin that coincides with the Sylvan Lake – Cygnet watershed. The surficial geology within and surrounding the lake is reported to consist of a clay-rich blanket that likely limits groundwater interaction; investigations indicate that groundwater only contributes 10% of the total inflow to the lake and is widely dispersed into the clays. Of importance, however, is that Sylvan Lake and the area surrounding the lake is a region of groundwater discharge. Groundwater in upland areas to the northeast, northwest and southwest flows towards the lake and although data is limited, flow is believed to continue in a southeast direction into Cygnet Lake and eventually the Red Deer River. Flowing wells have been noted in the vicinity of Cygnet lake which is further evidence of discharge conditions and that a high-water table exists in this area.

Hunter Road is located at the southeast area of Sylvan Lake which unfortunately, is believed to coincide with a high groundwater condition. A review of groundwater hydraulic head data suggests groundwater is likely near to surface as this area is located close to flowing artesian zones.

Figure 2: Historic Groundwater Flow Data



Hydraulic conductivities were reported to fall within a wide range within the upper till in the area (5×10^{-10} to 3×10^{-6} m/s), although the higher values represent sand pockets within the till. It is also important to note that very high hydraulic conductivities were noted in sandstones underlying the till, in the order of 10^{-4} m/s. Groundwater flow direction is upward into the till units and should be viewed as continuously supplying water to the Hunter Road area.

Given the above information, groundwater near Hunter Road will most likely be above 3 metres below ground surface (mbgs) but may be less than 1 mbgs during times of seasonally high-water table. The actual water table elevation should be verified as this may be an important consideration to future engineering applications for mitigation of the deteriorating road condition. The static water level, groundwater flow direction, vertical flow direction and hydraulic conductivity (see Figure 2) can be determined by installation of a groundwater monitoring network.

Conclusion & Recommendations

A review of available information suggests a high groundwater condition likely exists near Hunter Road, and this condition may be contributing to deteriorating road conditions and related infrastructure issues in this area. Should the required engineering solution to resolve the road issues depend on knowing water table elevation and site-specific hydraulic conductivity, it is necessary to install a basic groundwater network to assess physical groundwater properties.

Hydraulic conductivity testing is required to estimate the site-specific hydraulic conductivity of the upper water-bearing zone. This can be accomplished by completing slug testing in the piezometers. The hydraulic conductivity estimates would be crucial to consideration of a dewatering program should this be required.

A minimum of three (3) groundwater piezometers is recommended to assess groundwater flow direction and properly assess static water levels in the area of Hunter Road. It is also recommended to assess vertical flow (recharge/discharge conditions) to estimate the magnitude of groundwater discharge in the area; this can be accomplished by installing an additional (nested) well in a deeper zone.

Other Geotechnical Reports (2014, 2015)

The geotechnical reports completed by Parkland Geo indicate soft subgrade soils at various locations 1.5 to 2 km southeast of Hunter Road that generally consist of surficial soils of topsoil, silt, clay and/or sand overlaying glacial clay till. Further geotechnical investigation is recommended within this assignment.

Further Geotechnical Investigations

Under the management of McElhanney, ENC Testing performed further geotechnical testing along Hunter Road on July 31, 2018. Their scope of work within their program included the following:

- Four (4) MacroCore testholes, up to a depth of 3.7 metres, for defining the existing soil profiles and measuring moisture content;
- A single standpipe installed at each testhole to measure the existing groundwater levels; and
- Testhole logs complete with the lab test results.

A single, limited unbound geotechnical investigation report with recommendations for related issues will be provided to the Town as soon as possible. This report will also address previous geotechnical recommendations to the Town, as provided to McElhanney.

Hydrogeological Investigations

Additional hydrogeological (groundwater) investigations in the field are being undertaken by McElhanney to monitor groundwater levels to evaluate the effectiveness of the dewatering program. The outline of this work is part of Technical Memorandum #3 for this work which is appended tot his memo.

Topographic Survey

A 2-person survey crew was mobilized on two separate mobilization in late June 2018 and late July 2018 to acquire a detailed topographic (surface and subsurface) survey of the roads, ditches, existing storm system (e.g. manhole rim, pipe inverts, pipe sizing), pond perimeters and control information suitable for Preliminary/Detailed Design in anticipation for 2018 Construction in/around the Hunter Road area. This survey information also greatly aided the further detailing and development of the stormwater model.

Franchise Utility Coordination

An Alberta 1-Call was performed in tandem with the Geotechnical Investigations and a list of existing franchise utility owners along Hunter Road was received. More information on existing utilities in the area will be ascertained within the Project Limits during Detailed Design.

4.0 EXISTING CONDITIONS

From the various assessments conducted for the project area, the following sections highlight our knowledge of the existing conditions of the catchment area, ditches, storage ponds, storm sewers and road structure.

Hewlett Park Catchment Area

The catchment, 145 ha, for the Hewlett Park area is delineated based on the total area contributing to the outlet ditch from the Hewlett Park area towards the Cygnet Lake. The Town of Sylvan Lake Master Plan Study concurrently underway together with this preliminary analysis identified the catchment area as shown in Figure 3 at the end of this section. Due to the interconnected drainage system of the downtown area and the Hewlett Park area, the stormwater management system of the area requires assessment of these areas together.

Surface Ditches

The two main ditches within the Hewlett Park area are the Hewlett Park North Ditch and the Hewlett Park South Ditch and are shown in Figure 4 at the end of this section.

- The Hewlett Park North Ditch (also referred to as the 'CP Rail Ditch') begins on the south side of the CP rail at 39 Street, conveying roughly 67.54 ha of runoff from of the Town. The ditch has an approximate slope of 0.4% and conveys runoff east to the Hampton Point Pond. Based on survey and visual inspection, the ditch was observed to have a trapezoidal cross section with a bottom width of 3 metres, a depth of 1.5 metres and 3H:1V side slope. The ditch along the Hampton Point Pond area widens with a spillway located between the widened stretch and the Hampton Point Pond.
- The Hewlett Park South Ditch conveys drainage flow eastward and then northward ultimately draining to the Hampton Point Pond. This ditch surveyed as virtual flat (measured grades of 0% to 0.2%) conveys flow from approximately 155.46 ha including most of the downtown core. Based on survey and visual inspection, the ditch was observed to have a trapezoidal cross section with a bottom width of 1 to 3 metres, an average depth of depth of 1.5 m and 3H:1V side slope. The heavy vegetation combined with the shallow grade of ditch, limits the drainage capacity of the ditch.

The two ditch segments are observed to converge at the Hampton Point Pond, where the flow is then conveyed slowly eastward through an open channel ditch system and through a series of culverts crossing both Erickson Drive and Highway 20. Immediately before the Erickson Drive culvert (twin 1200 mm diameter CSP), there is a 400 mm diameter CSP culvert, appears to be installed for a temporary access, constricting the flow in the ditch. The flow from the ditch is eventually conveyed southeast to Cygnet Lake. Table 1 provides further characteristics of each of the ditch segments and the flow estimate based on the computer modelling conducted for the project (refer Section 5).

Table 1: Hewlett Park Ditch Characteristics

DITCH SEGMENT	Approximate Slope (%)	Q_5 (m3/s)	Q_5 (L/s/ha)	Q_{100} (m3/s)	Q_{100} (L/s/ha)	5 year runoff Volume (m^3)	100 year Runoff Volume (m^3)
Hewlett Park North Ditch	0.4	2.17	96	4.04	180	7,070	13,600
Hewlett Park South Ditch	0.0 to 0.25	6.81	40	12.83	75	56,300	93,600
Outfall Ditch to Cygnet Lake	0.2	2.65	13.41	3.53	18	N/A	N/A

Storage Ponds

Hewlett Park Pond

The Hewlett Park Pond, a dry pond (see Figure 3) is in the middle of the Hewlett Park area and captures and attenuates runoff from 33.12 ha area located south of the pond. For this preliminary analysis, the Hewlett Park Pond stage storage curve was assumed based on aerial photograph, survey of the pond perimeter and record drawings provided by the Town. Immediately upstream of the pond is a flow split manhole, allowing larger flows to bypass the pond. The flow from the pond is controlled using a 300 mm diameter outlet pipe. Based on the computer modelling analysis conducted for the area, the outflow from the pond during the 5 Year event is approximately 0.076 m^3/s (2.3 L/s/ha) and the outflow from the pond during the 100 Year event is approximately 10.093 m^3/s (2.8 L/s/ha).

Hampton Point Pond

The Hampton Point Pond, is a wet pond located in the north east corner of the Hewlett Park area. The flow attenuated in the South Pond and the rest of the Hewlett Park south area drain to the Hampton Point Pond. During this study, no information on the current design nor future expansion of this pond is made available. However, according to McElhanney's discussion with the Town, it is understood that, the Hampton Point Pond is planned in phases and the current pond size is most probably the first phase to be expanded in the later phase of the neighborhood development. For this preliminary analysis, the Hampton Point Pond storage curve was assumed based on aerial photography and survey of the pond perimeter. The aerial photo of the pond shows a spillway, located in the north, spilling into the Hewlett Park North Ditch.

Storm Sewer System

The Town provided the storm sewer and pond information in the form of shape files, reports, LiDAR data and as built drawings in pdf formats. After reviewing the available information, McElhanney prepared a data gap analysis and submitted to the Town. As per the Town's recommendation, McElhanney conducted a survey to fill the data gap and gathered most of the missing data. Figure 3 presents the storm sewer system with the missing data highlighted in red. The downtown missing storm sewer information and existing pumping system was found to be difficult to be collected by the current survey. For this preliminary analysis, assumptions to fill the data gaps were derived from the LiDAR data and by using upstream and downstream storm sewer information.

The area of focus, in the storm sewer system, to address the Hunter Road improvement begins from the Hewlett Park Pond outlet. The pond outlet is located at 937.25 m elevation. A 600 mm diameter storm sewer conveys the flow from the pond and the upstream bypass storm sewer to a manhole located at the intersection of the Hunter Road. From the manhole, a 1050 mm diameter storm sewer conveys the combined flow from the Hewlett Park Pond and Hunter Road storm sewer to the Hewlett Park South Ditch. According to the survey information collected for this study, the invert of the

storm sewer outlet at the South Hewlett Park Ditch is only 0.17 m below the outlet invert elevation of the Hewlett Park Pond.

It should be noted that the existing storm sewer system has been designed to convey the 5-year design flow. The existing pipe system was analyzed in PCSWMM for its ability to accommodate the 1hr 5-year design storm event. Based on the model results, the storm sewer floods at several locations during the 5-year design storm event. The water is then conveyed overland via curb and gutter towards the Hewlett Park ditching system and ultimately to the Hampton Point Pond. It is important to note that the analysis assumes that all flow can enter the system.

Roadways

Much of the roadways within the Hewlett Park area, especially along the Hunter Road and sections of Hinshaw Drive and Hagerman Road, are showing signs of major asphalt heaving and significant cracking or vertical deflections along concrete infrastructure including sidewalk, curbing and catch basins. Previous studies noted that the failure of the road is due to high groundwater elevation.

Subsurface water could result from water infiltrating through cracked pavements and unsealed joints, seepage from damaged sewer, capillary water rising from the underlying water table or from high groundwater table. The signs observed at the Hewlett Park area, such as failure of pavement, wet spots in the pavement, undulating pavement surfaces and Cattails growing in the ditch are the telltale sign of subsurface water close to the ground.

Constraints

Through the evaluation of potential solutions for Hewlett Park several constraints were identified within the study area.

AEP Approvals

In a follow-up meeting with the Town and Stantec on October 24, McElhanney discovered that the necessary approvals for future upgrades to the Hampton Point Pond and the area directly south, including the Hewlett Park South Ditch, are currently in a pending status with no imminent date established. In addition, AEP has requested that the wetlands disturbed to the south of the Pond be restored. To date, no order has been issued by AEP, but it was indicated that no further applications would be considered until the wetlands area restored. This severely limits the ability to make any changes to the Hewlett Park South Ditch or surrounding area until these issues are resolved

Existing Sanitary Truck Mains

Through further preliminary design investigations, two (2) existing sanitary sewer mains, which serve as the trunk main for the Town and surrounding area in parallel with the Hewlett Park South ditch. It also crosses the same ditch and currently has approximate 150mm of cover from the ditch bottom. We understand through discussions with the Town that it would be impractical to relocate this trunk sewer main. This limits the ability to perform any improvements to the Hewlett Park South Ditch beyond cleaning.

Figure 3: Hewlett Park Catchment Area & Storm Drainage System

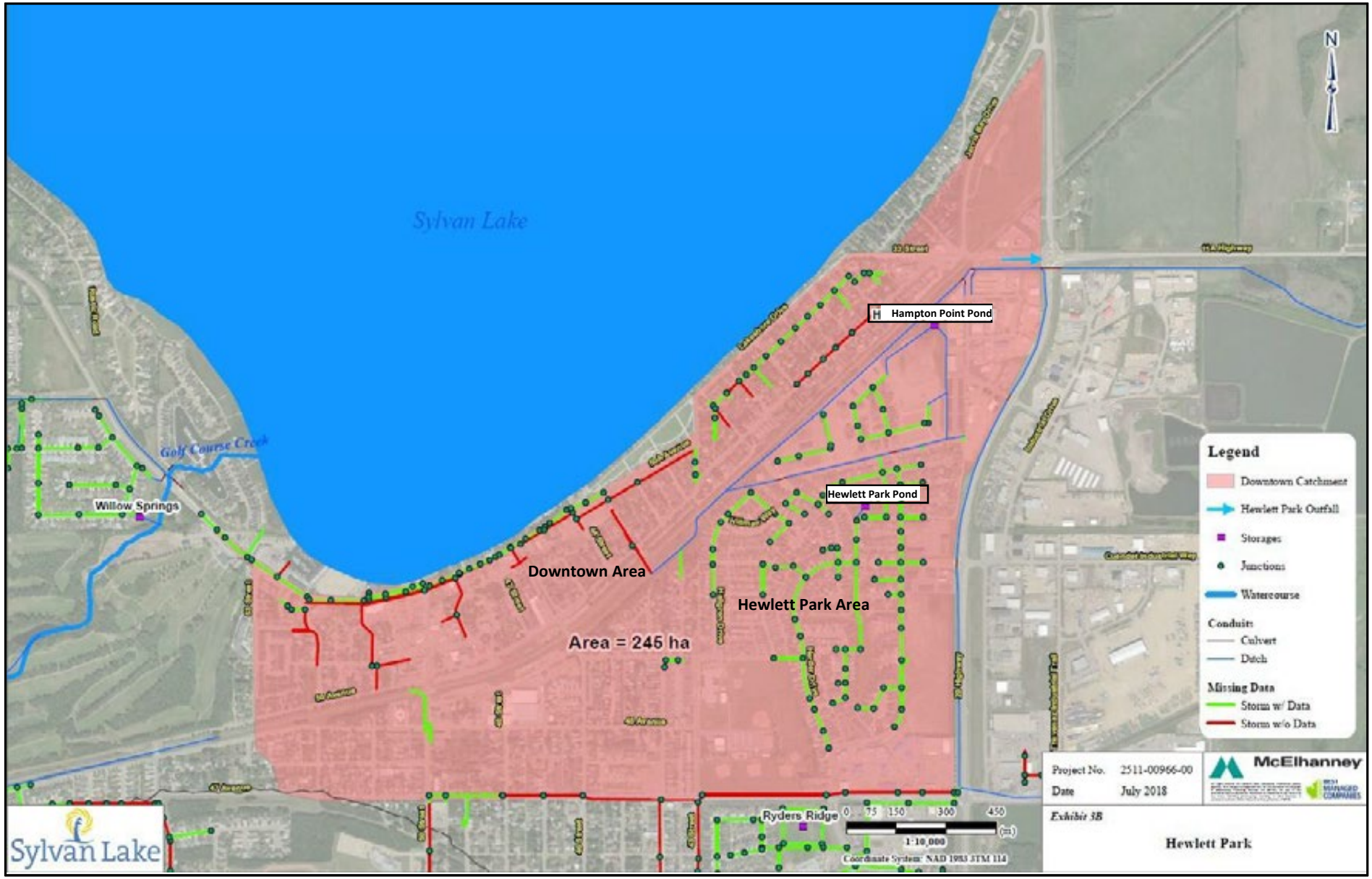


Figure 4: Hewlett Park Catchment Area & Storm Drainage System

5.0 SYSTEM ANALYSIS

The existing and proposed stormwater system has been analyzed using PCSWMM computer model. The catchment delineation, the input parameters used and the modelling approach considered are presented in this section.

Catchment Area Delineation for Modelling

Catchments were delineated based on lot lines provided by the Town and existing grades. The hydrologic modelling of catchment areas requires several inputs to simulate the rainfall to-runoff process. Table 2 shows the global input parameters required for the hydrologic simulation of the catchment areas. Depression storages used are based on typical values used for similar land uses and soils types. Infiltration losses are estimated using the Green Ampt method; these values are based on a Silty Clay medium, which was assumed based on a review of all Geotechnical Reports provided (conservative value selected). The assumed percent imperviousness for the various land uses were based on design values in the Alberta Environment and Parks Stormwater Management Guidelines (pg. 4-16, 1999). The ditches throughout the study area were modeled as open channels with a constant trapezoidal cross section.

Table 2: Catchment Modelling Input Parameters

Parameters	Value
Impervious Manning's n	0.013
Pervious Manning's n	0.15
Impervious Depression Storage (mm)	2.5
Pervious Depression Storage (mm)	7.5
Infiltration Loss Method	Green-Ampt
Suction Head (mm)	292.2
Saturated Hydraulic Conductivity (mm/hr)	1.0
Initial Deficit (frac.)	0.229
Percent Impervious	Business: 70 – 95% Residential: 50 – 70% Industrial: 80 – 90% Parks: 7% Playgrounds: 13% Schools: 50% Railway Yard Areas: 40% Asphalt: 100% Gravel: 13% Roofs: 90% Lawns: 0%
Concrete Pipe (Manning's n)	Concrete: 0.013 PVC: 0.013 CSP: 0.025 Ditch: 0.025

As per the Sylvan Lake Development Process and Design Guidelines (pg. 15-4, 2018):

- The Chicago distribution was used in the development of the design storm used in the analysis with the criteria:
    - The Hewlett Park Storm sewer system was analysed using the 5-year design storm; and
    - The ditching (major system) was analysed using the 100-year rainfall events.
- The design storm durations analysed ranged from 1 to 24 hours, with all durations of 1, 2, 6, 12 and 24 hours being assessed; however, the 24-duration design storm was used for the analysis and design as it provides the largest peak flow at the outlet due to the substantial storage achieve in the ditching system and the two ponds.

Computer Modelling

In conjunction with the overall Storm Water Master Plan study, computational hydraulic modeling was used to analyze the existing and proposed conditions in the Hewlett Park area. The Sylvan Lake Development Process and Design Guidelines (2018) and Alberta Environment and Parks Stormwater Management Guidelines (1999) were the main sources of design criteria used in the development of the hydrologic / hydraulic model. Runoff within the Hewlett Park area is conveyed using a dual drainage minor and major system. The minor system consists of catch basins (inlets and leads) the underground pipe system and manholes and junctions. The major system is designed to convey overland flows and includes curb and gutter on roadways with an urban cross section, drainage ditches and two storm water management facilities (SWMF). The analysis has been completed to analyze the ability of the existing and proposed drainage system to safely capture and convey the runoff for design return period (5 year).

Single event computational modelling was undertaken to evaluate the existing and proposed drainage systems under peak discharge conditions. It is also important to note that the model was not calibrated and was developed based on design criteria and background information including GIS data, as-built information, and past reports.

From the modelling exercise undertaken, the storm sewer system along the Hunter Road and the receiving ditch and pond system have capacity and grade issues. The ditch receiving the storm sewer flow has almost zero grade with the outfall of the storm sewer discharging at the bottom of the ditch resulting in a stagnating water in the system. It is also understood that the project area is prone to high groundwater level and shallow storm sewers. All these issues in combination are expected to be the reason in road damages from frost heave.

Dual Drainage Modelling

Based on the computational analysis, majority of the flow is conveyed overland via curb and gutter. Therefore, computational modeling of only the minor system resulted in significant flooding at the junctions and loss of water during the simulation period. Therefore, the major system was included in the modeling using the PC-SWMM dual drainage model creation tool (see Figure 5). Overland flow cross sections were assumed based on a typical 15 m wide roadway cross-section with a 0.3 m storage depth. Using the dual drainage model runoff is conveyed via curb and gutter and ponds within the roadway at low points up to a depth of 0.3 m. Runoff freely flows into the minor system when capacity is available.

Figure 5: Hewlett Park Area Dual Drainage Modelling

6.0 PROPOSED IMPROVEMENT OPTIONS

This preliminary analysis assesses various improvement options to substantially improve the deteriorating road and infrastructure in the Hewlett Park area specifically along the Hunter Road. The proposed options have been assessed based on their capability to mitigate damages due to the surface and subsurface drainage issues as well as their feasibility given both constraints and costs. These improvements are to be accomplished by implementing an integrated multi-dimensional approach with active interaction between the hydraulic engineer, hydrogeologist, geotechnical engineer and roadway expert.

The following sections describe the options evaluated under an integrated improvement approach through:

- Surface Water Drainage Improvements
- Storage Pond Improvements
- Subsurface Water Drainage Improvements
- Road Structure Improvements

Surface Water Drainage Improvement Options

Various options have been evaluated for the improvement of the surface water drainage. The surface water drainage structure improvements evaluated are the Hewlett Park North Ditch and the Hewlett park South Ditch.

Hewlett Park North Ditch (CP Rail Ditch) Improvement Options

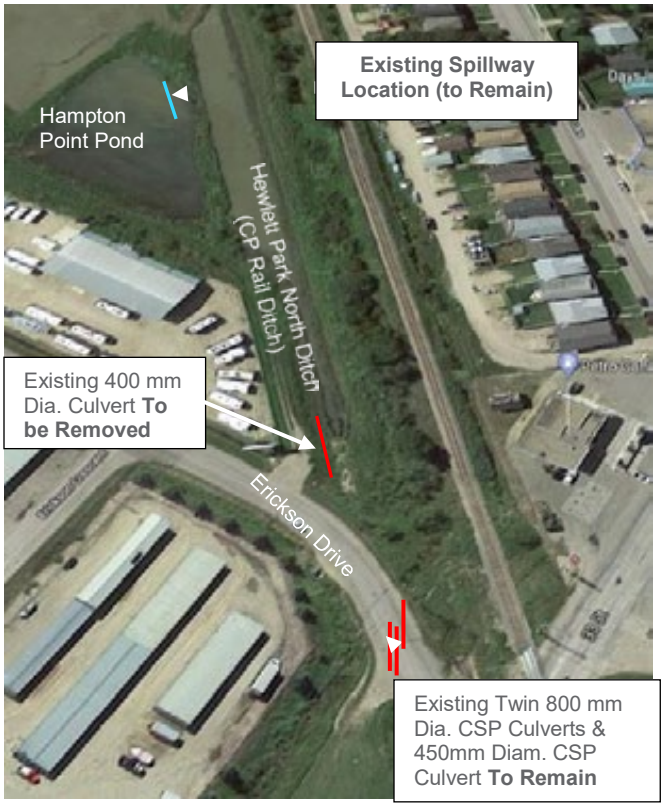
- ***Option 1 – Overall Ditch Cleanup:*** involves clean-up of overgrown (natural) vegetation from the entire ditch and removal of sediment deposit wherever encountered within the cross-section of CP Rail Ditch, thereby improving the roughness coefficient of the ditch and increasing capacity.

✓ **Conclusion:** This option will result in only a minor improvement of the ditch drainage as the original design grade of the ditch is considered flat; however, it involves a low construction cost and could easily be implemented by Town Public Works.

- ***Option 2 – Removal of Culvert & Ditch Re-grading:*** involves the removal of the existing 400mm diameter CSP culvert, immediately upstream of the Hampton Point Pond on the west side of the Erickson Drive (see Figure 6) as it does not have the capacity to convey the current flow, re-grading of the Hewlett Park North Ditch to the Twin 800mm diameter culverts and single 450mm diameter culvert, as well as removal sediment deposits.

✓ **Conclusion:** The cleanup of the ditch together with the removal of the constricting culvert will significantly improve the capacity of the ditch and improves the backwater effect from the constricted existing culvert.

Figure 6: Existing Undersized Culvert near Erickson Drive



Hewlett Park South Ditch Improvement Options

- ***Option 1 – Ditch Cleanup:*** Involves cleanup of vegetation from the entire ditch alignment and sediment deposit removal where ever encountered.

✓ **Conclusion:** This option will result in only a minor improvement of the ditch drainage as the original design grade of the ditch is considered flat; however, it involves a low construction cost and could easily be implemented by Town Public Works.

- ***Option 2 – Ditch Re-Grading & Removal/Reuse of Existing Culverts:*** Involves cleanup of the Hewlett Park South Ditch vegetation from the entire ditch and re-grading of the ditch to a 0.35% slope starting from the 1050mm diameter storm sewer outlet to the Hampton Point Pond (about 540 m long). The proposed grade lowers the outlet ditch invert at the pond to just under 1.0 m.

  It should be noted this option will also ultimately require the removal and reuse of the existing twin 1200mm diameter culverts under Hinshaw Road to account for the proposed re-graded ditch slope of 0.35% and lowered invert elevations to ensure good drainage to the north.

✓ **Conclusion:** This option is not possible given the constraints of both the existing wetland concerns with AEP and the 900mm diameter and 600mm sanitary trunk mains which cross under the ditch, with 15cm of cover, which eliminate the ability to lower it further.

- ***Option 3*** **– Relocate Sanitary Trunk and Re-grade existing channel:** This option includes all of the work noted in Option 2, but to permit it to happen the existing sanitary trunks with limited cover would be either located, or a pump station for the sanitary sewer, with forcemain is installed to remove the obstruction. This option also assumes that the wetland concerns with AEP are alleviated to allow the existing ditch to be improved.

✓ **Conclusion:** Based on conversations with the Town, it is not practical to relocate or adjust the sanitary trunk mains. Also, the wetland issues with AEP are between the developer and AEP. The disruption and costs associated with the sanitary trunk main relocation are significant as well.

- ***Option 4*** **–Drain Hewlett Park South Ditch into Hewlett Park North Ditch:** This option includes the redirecting of flows into the north ditch from the development area either by an open channel or piped storm sewer. Then re-grade the north ditch to the stormwater pond.

✓ **Conclusion:** Due to both the existing sanitary trunk main conflict along with existing and proposed development there would be no possible way to achieve this option without significant disruption to existing utilities both via a piped network or an open drain.

- ***Option 5*** **– Construction of Additional Stormwater Pond and Redirection of Flow to Highway 20 Ditch:** Involves the discharge of the Hewlett Park South ditch directly to the Highway 20 roadside ditch. This option would require the installation of a new stormwater management facility prior to Highway 20 and possible improvements to the Hewlett Park Dry pond.

✓ **Conclusion:** This option is likely to be most preferred long term solution and would allow for the lowering of storm sewers within the Hewlett Park Area. Although it is also the costliest solution as it requires the construction of a stormwater management pond to replace the Hampton Point pond and the purchase of land to do so. It would also require the approval of Alberta Transportation to discharge to the Highway 20 drainage ditch.

Storage Pond Improvement Options

Various options have been evaluated for the improvement of the existing Hampton Pond in the Hewlett Park area.

Hewlett Park Pond Improvement Options

The Hewlett Park Pond, operates as a dry pond from the neighborhood and drains to the South Hewlett Park Ditch via an existing storm sewer system. Based on preliminary assessment the pond could be improved to provide additional storage to support Option 4 above, but it is limited as the proximity to existing properties and the reduced ability for access.

Hampton Point Pond Improvement Options

- ***Option 1 – Do Nothing:*** This option will maintain the current Hampton Point Pond which is assumed to be the first phase of the pond with the expansion to follow at the final stage of the Hampton area development (By Others). For that reason, the evaluated options did not consider expansion of the pond.

✓ **Conclusion:** Considering the overall cost associated with other options and the inability to improve grade in upstream channels this is the preferred approach in the interim condition. The costs associated with repair and In combination with other ditch and subsurface drainage improvements and temporarily pumping the pond, this option could be considered as an interim option.

- ***Option 2 – Installation of a Pumping Station:*** A proposed pumping station is recommended to be equipped with 100 L/s capacity pump to lower the 5-year flow event from the pond within a 48-hour period. It is also proposed to discharge the pumped flow (through a future forcemain) to the existing open channel ditch along 33 Street just west of Highway 20 where the existing ditch is slightly steeper than the CP Rail Ditch. Two separate options with different locations near the Hampton Point Pond are possible, described as follows:
    - ***Option 2A – Lowering Pond Operating Level through Pumping at the NE Corner:*** This option proposes a pumping system at the NE corner of the Hampton Point Pond to lower the operating water level of the pond.

        ✓ **Conclusion:** The pumping system will lower the pond water level but without the ability to lower the Hewlett Park South Ditch as noted above this will be of limited value at high expense.

    - ***Option 2B – Bypass the Pond & Pumping the Lowered Outlet of Hewlett Park South Ditch at the SE Corner:*** This option proposes a pumping system at the SE corner of the Hampton Point Pond to completely bypass the pond and pump out the north end (outlet) of the Hewlett Park South Ditch.

        ✓ **Conclusion:** The pumping system will bypass the pond altogether as it is understood that the current pond size only accounts for catchment area of the Hampton Point development and was never intended to accommodate the entire Hewlett Park area which is currently acting as a flow through to this area. This is a high flow rate which would require substantial pumping station and would be costly to implement.

    - ***Option 2C – Pumping the Hampton Point Pond and 50 Ave Redevelopment Outfall:*** This option proposes a pumping system at the SW corner of the Hampton Point Pond and pump out the Hampton Point Pond as well as the outfall of the 50 Avenue Redevelopment (by others).

        ✓ **Conclusion:** Based on previous assessment along 50 Avenue, there is no feasible solution to provide for its stormwater outfall, except under the CP Rail to the Hampton Point Pond. This would result in the need for a dual pumping station to facilitate the stormwater from Hampton Point as well as along 50 Avenue.

- ***Option 3 – New Stormwater Management Facility on Hinshaw Drive south of Herder Drive in vacant Commercial Lands:*** This solution is in coordination with the Option 5 under the Hewlett Park South ditch improvement options. Currently there is a large vacant commercial property within the south end of the Hewlett Park

development area. This solution centres around the construction of a new wet pond to service the entire Hewlett Park area, with a pumped discharge to the Alberta Transportation Highway 20 ditch. This would require rework of storm sewers within the neighbourhood. This solution would take 80-90% of the neighbourhoods flows away from Hampton Point Pond and would allow future deepening of storm sewers to alleviate any flooding issues in the neighbourhood. It also takes pressure off of Hampton Pointe Pond which could be made to service a larger area of the existing portion of Sylvan Lake.

- ✓ **Conclusion:** This would solve the long term problems within Hewlett Park at highest cost. The lands noted are currently zoned commercial but would not have access to Highway 20 and only through the residential neighbourhood. These lands could be swapped with baseball diamonds with the Town owns along 47 Avenue which may be a more attractive commercial development location. There are considerable costs associated with the upgrades to the storm network in Hewlett Park, which includes the redirecting of storm sewers, lowering of them, and then construction of a large stormwater management pond.

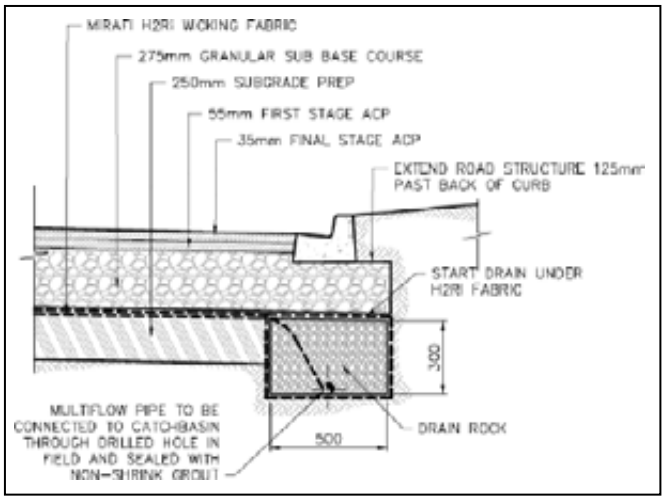
Subsurface Water Drainage Improvement Options

As per the project scope, the subsurface drainage improvement is proposed along the Hunter Road where the damage on the road is significant. The following three options are evaluated for the subsurface drainage.

- ***Option 1 – Drainable Pavement System:*** The option involves provision of drainable pavement system which are effective to remove water from the subgrade (see Figure 7). It is composed of coarse aggregate with high permeability, a separator layer to prevent fine subgrade particles from entering and clogging the permeable base and an edge drain.

  Conclusion: This system is capable of removing the surface water infiltrated into the road system and leakage from the damaged catch basins. However, the high groundwater may not be lowered below the frost depth by this option.

Figure 7: Drainable Pavement System



- ***Option 2 – Perforated Pipe Subdrain:*** Involves installation of perforated pipe subdrain (see Figure 8). The subdrains will be installed parallel to the road on each side of the road. These sub drains are expected to intercept groundwater and any seepage from damaged catch basins and manholes. If possible, the subdrains are proposed to be installed below the frost line, which is estimated as 1.5 m below ground (to be verified during the detailed design). The perforated pipes may be drained to each catch basin, or based on our last meeting, to a small pump station at the Hewlett Park South ditch to artificially lower the water table within the roadway

✓ **Conclusion:** This system can lower the groundwater and seepage from damaged structures below the frost line thereby improving frost heave damage to infrastructure.

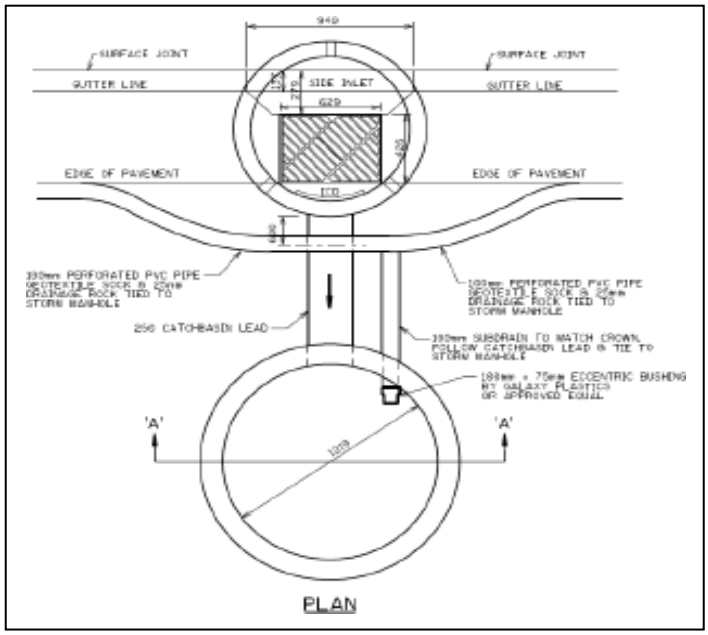


Figure 8: Perforated Pipe Subdrain Connect to Catch Basin

- ***Option 3 – Replacement of Damaged Catch Basins and Possible Storm Sewer Upgrades:*** It is understood that some sections of curb & gutter, sidewalks and catch-basin frames have been damaged due to the frost heaves experienced along the Hunter Road. These damaged infrastructures contribute to the subsurface saturation.

✓ **Conclusion:** This option recommends CCTV inspection of the pipes to identify and replace damaged storm sewers and replacement of damaged catch basins and sidewalks.

Road Improvement Options

Once the geotechnical and groundwater assessment is finalized, the most appropriate road infrastructure will be further analyzed and a comprehensive road reconstruction design will be proposed. However, a wicking geotextile (e.g. Mirafi H_2Ri Geotextile, or approved equivalent) installed at the road design subgrade elevation (as shown in Figure 9) could easily be implemented in addition to the surface and subsurface drainage improvements to protect the road pavement structure along the Hewlett Park roadways, especially Hunter Road.

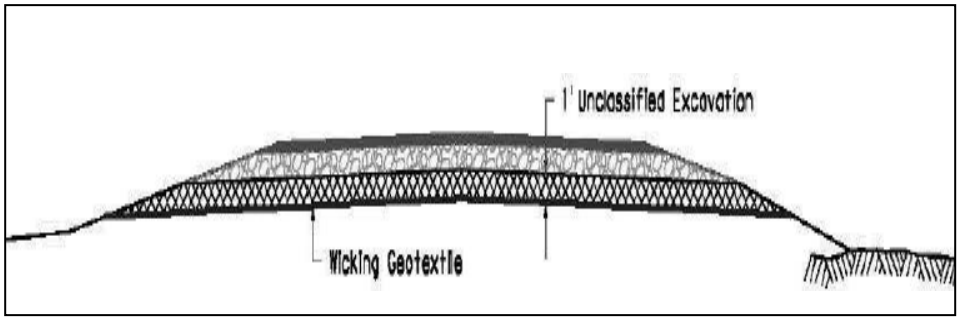


Figure 9: Wicking Geotextile Installation Road Subgrade

7.0 DISCUSSION AND RECOMMENDED OPTIONS

The problem for the project area is damage to Town infrastructure due to high groundwater conditions. The configuration of the both the Hewlett Park Pond and the Hampton Point Pond have led to storm sewers being installed with minimum cover making this problem more pronounced by having the hydraulic grade line of the storm sewer operate just below the surface causing the stormwater network rely on both storage and conveyance in the major system, on the roads and open channels.

All solutions presented in this memo, aside from doing nothing, focus on lowering the hydraulic grade line by lowering the outlet. This can be achieved both by pumping the area directly, lowering the normal water level of the pond by pumping or by introducing new stormwater management ponds which have a lower normal water level. This requires that the existing ditching and/or storm sewers be lowered to extend this benefit further upstream.

Due to both the issues around the Hewlett Park South Ditch there are limited solutions that can be implemented. With the preferred solution is the implementation of a new stormwater management facility within Hewlett Park, discharging to the Alberta Transportation Highway 20 ditch, it is the costliest.

As stated early on, most of the concerns within the Hewlett Park area relate to public infrastructure, with a focus around damage to the roadway. There has been no record of private property damage in recent years. The costs associated with roadway maintenance and improvement within Hewlett Park to manage the high groundwater issues will be significantly less costly than the implementation of stormwater improvements outlined above, even if done on a more regular basis.

The recommendations within this report reflect this, focusing on improving the road conditions within Hewlett Park area of concerns, while also maintaining the stormwater infrastructure so that it performs as was designed.

Surface Water Drainage Improvements

- ✓ **Hewlett Park North Ditch (CP Rail Ditch)– Overall Ditch Cleanup (Option 1) & Removal of Culvert & Ditch Re-grading (Option 2)** *to include the cleanup of vegetation (~960 m long), removal of sediment deposits when encountered and removal of the existing undersized 400mm dia. CSP culvert located west of Erickson Drive.*

- ✓ **Hewlett Park South Ditch– Ditch Cleanup (Option 1)** *to include the cleanup of vegetation (~840 m long) along the channel length and removing any built up sediments.*

Storage Pond Improvements

- ✓ **Hewlett Park Pond:** *do nothing*

- ✓ **Hampton Point Pond:** *do nothing; however, Option 2C will be required based on the stormwater requirements for 50 Avenue (By Others).*

    - *Town to proceed with expansion of the pond as required (By Others).*
    - *Town to coordinate with developers to clear issues with AEP over wetland disturbance in the area.*

Subsurface Water Drainage Improvements

- ✓ **Option 2 – Perforated Pipe Subdrain** *installation on both sides of the roadway to be reconstructed pending further geotechnical and hydrotechnical investigations along with a pump at the outlet to the Hewlett Park South ditch to improve the groundwater conditions in the area.*

- ✓ **Option 3 – Replacement of Damaged Catch Basins and Possible Storm Sewer Upgrades** *pending further site reconnaissance for measurement of damaged infrastructure, CCTV inspections, as well as further geotechnical and hydrotechnical investigations.*

Road Improvements

- ✓ *Pending further site reconnaissance for measurement of damaged infrastructure, CCTV inspections, as well as further geotechnical and hydrotechnical investigations, continue to review all pavement structure options including the installation of wicking geotextile along Hunter Road*.

8.0 POTENTIAL STAGING APPROACH

The integrated recommended options involve several improvements which could span from over two construction seasons. The following staged approach, as presented within Table 3 is proposed with consideration of the construction season limitation, availability of funding and the immediate need of the Hewlett Park area community.

Table 3: Hewlett Park Staging Approach

Recommended Improvement	Stage 1	Stage 2	Ultimate
Hewlett Park North Ditch: Overall Ditch Cleanup	✓		✓
Hewlett Park North Ditch: Removal of 400mm Culvert & Ditch Re-grading	✓		✓
Hewlett Park South Ditch: Overall Ditch Cleanup	✓		✓
Hewlett Park Pond	*(No Improvement Recommendations)*		
Hampton Point Pond: Stage 2 Expansion	*(By Others)*		✓
Asphalt Milling & Resurfacing of Hunter Road and adjacent intersections	✓		
Spot Surface Repairs (e.g. sidewalks, curb & gutter) along Hunter Road and adjacent intersections	✓		
CCTV Inspection of the Storm Sewers	✓		✓
Hewlett Park Road Reconstruction incl. Perforated Pipe Subdrain, New Catch Basins, Wicking Membrane, etc.		✓	✓

9.0 PRELIMINARY COST ESTIMATE

Figure 10 presents a Preliminary (Class 'B') Cost Estimate of the Stage 1 (Schedule 'A' & Schedule 'B') Improvements within the Project Limits, including some additional 'Project Costs' that are recommended within the Hewlett Park Ultimate Stage of Redevelopment. (It should be noted that Total Road Reconstruction costs are not included.

Figure 10: Hewlett Park Preliminary (Class 'B') Cost Estimate

Town of Sylvan Lake
Hewlett Park Rehabilitation
Preliminary (Class 'B') Cost Estimate

McElhanney

26-Apr-19

Item	Description	Unit	Estimated Rate	Estimate Quantity	Estimated Class 'B' Cost
	SECTION 1 - CONSTRUCTION COSTS				
Section 1 - General Works					
1.1	Mobilization & Demobilization (assumes 7%)	ls	$ 40,000.00	1	$ 40,000
Schedule A					
A.1	Traffic Accommodation (assumes 3%)	ls	$ 6,000.00	1	$ 6,000
A.2	Asphalt Milling (40mm depth)	m2	$ 8.00	3,000	$ 24,000
A.3	Variable Asphalt Milling (40-80mm depth)	m2	$ 14.00	750	$ 10,500
A.4	Asphalt Concrete Pavement (ACO) – Supply & Install (40 or 80mm)	t	$ 165.00	450	$ 74,250
A.5	Remove & Replace Concrete Curb & Gutter (Spot Repairs)	lm	$ 200.00	150	$ 30,000
A.6	Remove & Replace Concrete Monowalk (Spot Repairs)	m2	$ 230.00	180	$ 41,400
Schedule B					
B.1	Culverts - Remove & Dispose (C.S.P) (Up tp 700mm dia.)	lm	$ 75.00	21	$ 1,575
B.2	Clearing & Grubbing (incl. Dewatering & Ditch Clean Up)	ha	$ 42,000.00	0.85	$ 35,700
B.3	Topsoil Stripping (assumes 300mm thick)	m3	$ 10.00	2,600	$ 26,000
B.4	Channel Excavation (Fine Grading for Ditching)	m2	$ 18.00	1,700	$ 30,600
B.5	Borrow Excavation - (Contractor Supplied)	m3	$ 32.00	425	$ 13,600
B.6	Waste Excavation To Disposable Site	m3	$ 28.00	5,100	$ 142,800
B.7	Topsoil Placement (Contractor Supplied) (200mm)	m2	$ 6.00	8,500	$ 51,000
B.8	Sod Only - Supply & Install (Bottom of Ditch)	m2	$ 16.00	550	$ 8,800
B.9	Hydroseed (c/w Hydromulch)- Supply & Install	ha	$ 18,000.00	0.85	$ 15,300
B.10	Erosion Control Blanket - Supply & Install	m2	$ 4.00	8,000	$ 32,000
B.11	Straw Fibre Rolls (Filtration Logs) - Supply & Install	each	$ 150.00	15	$ 2,250
B.12	Silt Fence - Supply & Install	lm	$ 15.00	100	$ 1,500
B.13	Hand Laid Riprap	m2	$ 280.00	80	$ 22,400
			SECTION 1 - CONSTRUCTION SUBTOTAL		$ 610,000
			CONTINGENCIES 20%		$ 122,000
			SECTION 1 - CONSTRUCTION COSTS TOTAL		$ 732,000
			TOTAL HEWETT PARK STORMWATER REHAB COSTS		$ 732,000

Notes & Assumptions:
1 Item Descriptions are assumed from Town of Sylvan and Alberta Transportation Construction Standards.
2 Unit prices are based on equivalent pricing from 2017 & 2018 Central Region (AT) Regional averages & engineering judgement.
3 Embankment quantities were increased by 20% to account for shrinkage.
4 All uncertain quantities have been increased by at least 10% and rounded.

9.0 NEXT STEPS

Working in conjunction with the projected timelines of the assignment, we understand that the Hewlett Park area must be prioritized for construction due to current conditions adjacent to Hunter Road.

10.0 CERTIFICATION & CLOSING

This technical memorandum has been prepared solely for the Town of Sylvan Lake by McElhanney Consulting Services Ltd. under the direction of a professional engineer registered in the Province of Alberta. There are no beneficiaries of this report, and no other person or entity is entitled to rely upon this report for any purpose whatsoever. It is intended only for the Town of Sylvan Lake and for the purposes and within the limitations stated in the report. McElhanney makes no guarantees and disclaims all liability to any third party with respect to any information or opinions set forth herein.

Should you have any questions or require clarification, please do not hesitate to contact Adam Sullo at 587.774.5034 or via email at asullo@mcelhanney.com.

MCELHANNEY CONSULTING SERVICES LTD.

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Report reviewed and approved by:

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ATTACHMENTS

Technical Memorandum #3

APPENDIX G

GOLF COURSE CREEK TECHNICAL MEMORANDUM

To	From
Eric Boudreau, P.Tech. (Eng.), Project Manager	Haimanot Yadete, P.Eng., Water Resources Engineer Courtney Miller, M.Sc., P. Biol., QWSP, Wetland Ecologist
Company	**Company**
Town of Sylvan Lake	McElhanney Consulting Services Ltd.
Re	**Date**
OP1825: Storm Water Master Plan (Golf Course Creek) **Tech Memo #1 – Preliminary Assessment & Improvement Options**	October 12, 2018

1.0 INTRODUCTION

McElhanney Consulting Services Limited (McElhanney) submits this technical memorandum to provide recommended mitigative options for sediment and nutrient issues from Golf Course Creek to Marina Bay in Sylvan Lake (the Town).

2.0 PROJECT INTERPRETATION

The problem for the project area covered in this technical memorandum was defined through discussion with Town officials, review of previous studies, visual field inspections, surveys conducted and through a stormwater model being completed concurrently with the Town-wide overall Storm Water Master Plan study. Golf Course Creek has been identified as a primary source of nutrient and sediment loading to Sylvan Lake Marina Bay. For this study the project limit, as shown in Figure 1, is the Golf Course Creek catchment within the Town boundary.

The Town has requested McElhanney to identify and assess potential options and provide recommendations to reduce the sediment and nutrient loading in Golf Course Creek. It is understood that subsequent work will be required based upon this preliminary assessment to provide the preliminary and detailed design details to substantiate the recommended mitigative option(s) contained within this technical memorandum.

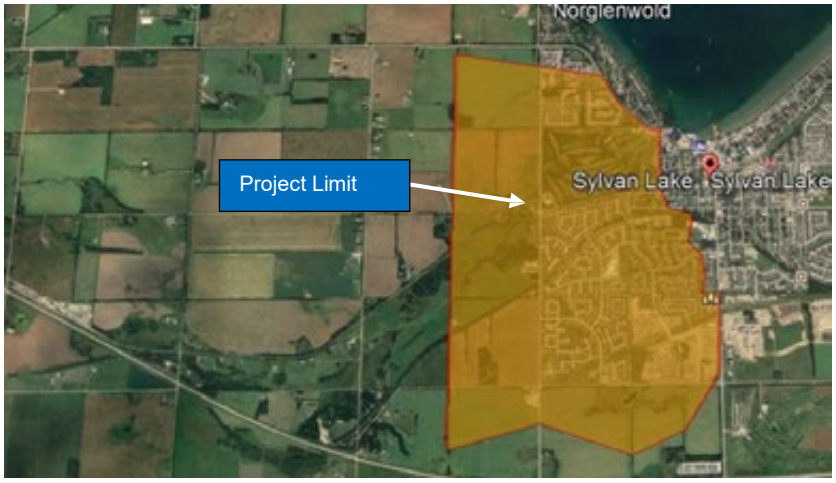

Figure 1: Golf Course Creek Project Limit

3.0 BACKGROUND REVIEW

Relevant water quality documents gathered from open sources and obtained from the Town have been reviewed as well as Federal and Provincial regulatory frameworks relating to this work. The *Town of Sylvan Lake Stormwater Management Guidelines* has been relied upon as the primary source for design criteria for the stormwater management analysis. This section outlines, along with relevant appendices, the relevant background information reviewed.

Sylvan Lake Water Quality Assessment and Watershed Management Considerations

To help manage the growth and development within the Sylvan Lake watershed, AXYS Environmental Consulting Ltd (AXYS) characterized the Sylvan Lake condition and its tributaries. This report was prepared in 2005 but includes historical data from the early-mid 1990s.

AXYS (2005) reviewed Golf Course Creek, North West Creek, Lambe Creek, Honeymoon Creek and Birchcliff Creek as well as Sylvan Lake. Generally, nutrients were higher in Golf Course Creek than in Sylvan Lake, however, phosphorous and nitrogen levels were lower in Golf Course Creek than the other Creeks. Both Total Suspended Solids (TSS) and fecal coliform was highest in Golf Course Creek when compared to other waterbodies. AXYS was unable to pinpoint a source of the high fecal coliform, but the land-use surrounding Golf Course Creek was most highly developed when compared to the other creeks (Agricultural [49%], Development [16%], Forest [20%] and Wetlands [15%]), suggesting it was a result of development.

Golf Course Creek was classified as a eutrophic system; it had high nutrient levels. At the time of this assessment, nutrient inputs were at the maximum allowable limit or exceeded the guidelines for freshwater aquatic life (data from 1993, 2001, 2003, and 2004). However, the 2018 guidelines are more qualitative based measures on ecosystem properties and normal measurements, which suggest that Golf Course Creek may not be exceeding nutrient levels (Government of Alberta, 2018). However, the historic fecal coliform levels were above historical allowable limits and are still considered above allowable limits for freshwater aquatic life (Government of Alberta, 2018).

Regulatory Framework

The following is a list of Federal and Provincial regulations, acts and policies that relate to stormwater management and water quality in the Province of Alberta, and specifically the Town of Sylvan Lake, with respect to this memo. A more detailed description for each item is contained within Appendix A.

Federal

- Fisheries Act
- Species at Risk Act
- Migratory Birds Convention Act

Provincial

- Public Lands Act
- Environmental Protection and Enhancement Act
- Water Act (including Fish Research License and Wetland Policy)
- Wildlife Act
- Weed Control Act

Town of Sylvan Lake

McElhanney has identified the following environmental reporting requirements for the Town of Sylvan Lake:

- Environmental Impact Assessment (EIA) according to the Waterfront Area Redevelopment Plan (2006)
- Biophysical Impact Assessment (BIA) pursuant to the Natural Areas Management Plan (2017); and
- Biophysical Assessment (BA) outlined in Development Process and Design Guidelines (2018).

Further outline of the plans and guidelines, and subsequent requirements, can be found in **Appendix B.**

4.0 EXISTING CONDITIONS

The following sections highlight our knowledge of the existing conditions of the Golf Course Creek catchment area, storm system, ditches and storage ponds.

Golf Course Creek Catchment Area

The total catchment area for Golf Course Creek is approximately 2390 ha. Approximately 26% (781 ha) of the catchment are within the Town's boundary and the remainder outside of it. For this study, the catchment area is subdivided into three sub-catchments, the north catchment, the southeast catchment and the southwest catchment as shown in Figure 2.

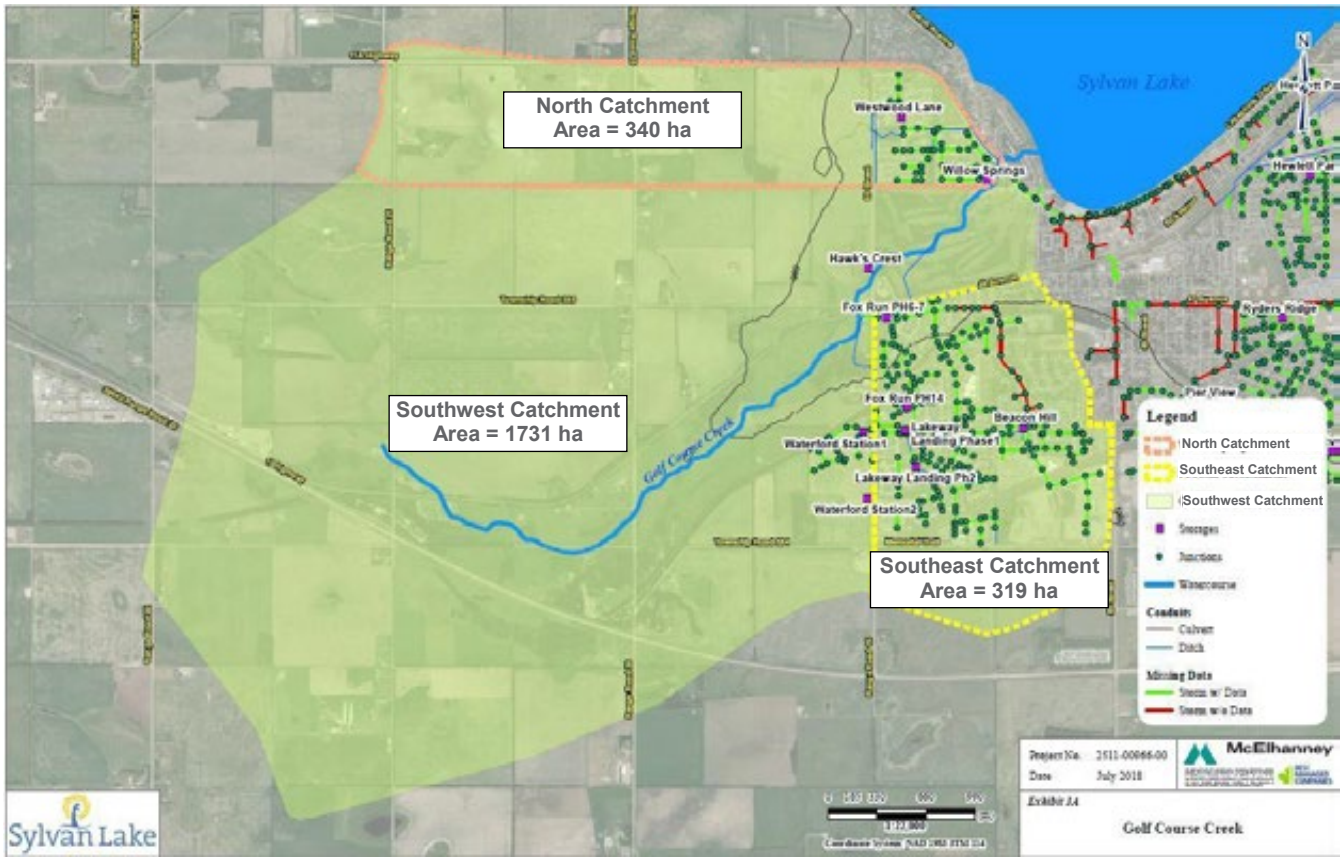

Figure 2: Golf Course Creek Catchment Area & Drainage System

North Catchment of the Golf Course Creek

The north catchment of the Golf Course Creek has an approximate area of 340 ha (see Figure 2). Approximately 15% of this catchment is within the Town boundary, consisting of a residential development. The remaining land use in this catchment, outside the Town boundary, is agricultural. The agricultural land drains at 1.5% grade from west to east and is captured by a ditch located in the West Wood Lane development. The ditch receives the agricultural catchment flow and the West Wood Lane residential development area flow and conveys it through the development area to the east crossing the Lakeshore drive. After crossing the road, the ditch turns south towards the Golf Course Creek. The gently sloping ditch along the Lakeshore Drive is well vegetated and is expected to intercept most of the sediment generated from the contributing catchment.

A storm sewer from part of the Willow Spring residential neighborhood (approximately 5.9 ha) conveys the storm water, to a small wet pond (Willow Springs Pond) located to the southeast of the development, before discharging to the Golf Course Creek. The storm sewer from the remaining 9.5 ha of the Willow Spring residential area heads east and then south parallel to the Lakeshore drive before discharging to the Golf Course Creek. It is understood that other than the small pond located at the outlet of the Willow Spring development area, there is no pond detaining the flow to reduce peak discharge rate or improving the water quality of the Golf Course Creek North Catchment.

Southwest Catchment of the Golf Course Creek

The southwest catchment of the Golf course Creek as shown in Figure 2 is approximately 1731 ha and drains directly to the Golf Course Creek. The catchment includes the Sylvan Lake Golf and Country Club within the Town boundary and agricultural land (55%) outside the Town boundary. The Waterford Station residential area, within the Town boundary, which is under development is part of this catchment. The Sylvan Lake Golf and Country Club is a privately-owned property with the Creek crossing the middle of the course. A large pond is in the middle of the golf course along the Creek alignment. The pond receives overflow from the storm sewer located south of the pond. Both the Sylvan Lake Golf and Country Club and the agricultural lands are expected to be contributing sources of nutrients to the Lake via Golf Course Creek.

Southeast Catchment of the Golf Course Creek

The southeast catchment of the Golf Course Creek has an approximate area of 319 ha (see Figure 2). The catchment area is entirely located within the boundary of Town of Sylvan Lake and land-use is primarily residential development, with the southeastern portion still under development. The storm water is managed by four ponds located within the catchment boundary that ultimately drain to Golf Course Creek.

Two of the existing ponds are in the Lakeway Landing Phase I and Phase II residential areas and are designed as dry ponds. However, satellite imagery indicates some wet areas in the ponds. The stormwater from these ponds is conveyed through a single 1050 mm diameter storm sewer, which flows into the roadside ditch along 60th Street and discharges into Golf Course Creek. The catchment area to these ponds is developed residential area and no current major construction activity was observed.

The Beacon Hill Pond, though large and deep, is designed as a dry pond. The pond receives runoff from the newly constructed and under construction areas within the catchment. The area south of Beacon Hill is still under construction and is a large contributor of sediment to the pond and then to the storm sewer system. The detained flow from the Beacon Hill Pond is conveyed through an outlet control structure at a restricted rate. It then flows north through a storm sewer system along Westview Drive before turning west through, leaving the Westview Drive right-of-way until it reaches Fern Crescent. It then flows towards the Fox Run Ph 6-7 Pond (see Figure 3). According to data received from the Town, most of the residential lands between Westview Drive and 50 Street have no minor storm system and drain overland using the major storm system to the storm sewer on Westview Drive.

The storm sewer from the Beacon Hill Pond joins with another major storm sewer system on Old Boomer Road, conveying flow from the developed area to the south before discharging to the Fox Run Ph 6-7 Pond. According to the storm sewer data provided by the Town, there is a flow split manhole at this junction. During low flows, all the flow to this junction drains towards the Fox Run Ph 6-7 Pond. During large storm events, the flow splits to the north under the CP Rail track to the Sylvan Lake Golf and Country Club area.

The Fox Run Ph 6-7 Pond accepts flows from both the Fox Run development area, in addition to flows from the Beacon Hill development area as noted above. The Fox Run pond is a dry pond design that discharges west under 60 Street to Golf Course Creek.

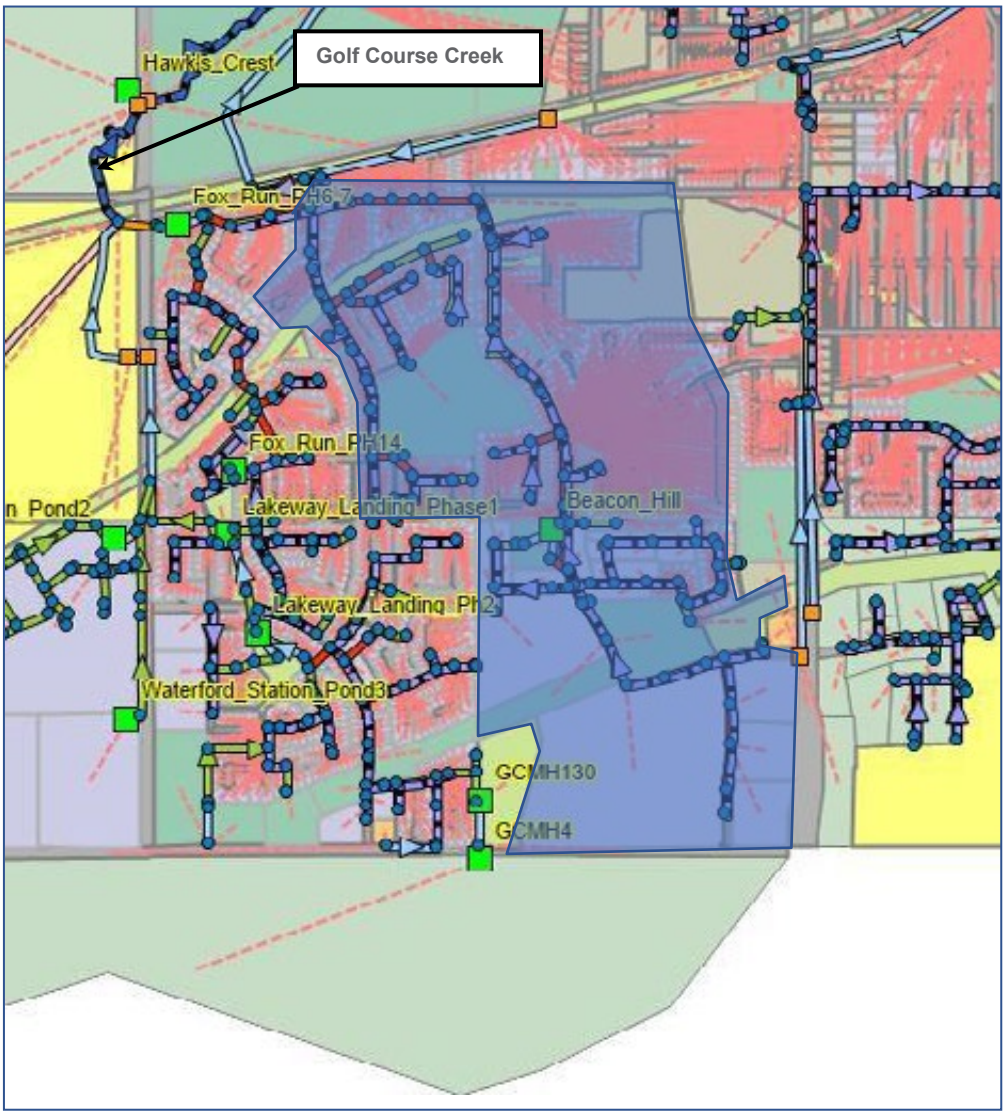

Figure 3: Golf Course Creek Storm System Contributing to the Existing Fox Run Ph 6-7 Pond

5.0 SYSTEM ANALYSIS

The existing stormwater system has been analyzed using PCSWMM computer model. The catchment delineation, the input parameters used, and the modelling approach are presented in this section.

Catchment Area Delineation for Modelling

Catchments were delineated based on lot lines provided and existing grades obtained from LiDAR, both of which were provided by the Town. The hydrologic modelling of catchment areas requires several inputs to simulate the rainfall to-runoff process. Table 1 shows the global input parameters required for the hydrologic simulation of the catchment areas. Depression storages used are based on typical values used for similar land uses and soils types. Infiltration losses are estimated using the Green Ampt method; these values are based on Silty Clay, which was assumed based on a review of all Geotechnical Reports provided. The assumed percent imperviousness for the various land uses were based on design values in the Alberta Environment and Parks Stormwater Management Guidelines (pg. 4-16, 1999). For details on land use percent imperviousness, see the Stormwater Master Plan.

Table 1: Catchment Modelling Input Parameters

Parameters	Value
Impervious Manning's n	0.013
Pervious Manning's n	0.15
Impervious Depression Storage (mm)	2.5
Pervious Depression Storage (mm)	7.5
Infiltration Loss Method	Green-Ampt
Suction Head (mm)	292.2
Saturated Hydraulic Conductivity (mm/hr)	1.0
Initial Deficit (frac.)	0.229
Percent Impervious	Business: 70 – 95% Residential: 50 – 70% Industrial: 80 – 90% Parks: 7% Playgrounds: 13% Schools: 50% Railway Yard Areas: 40% Asphalt: 100% Gravel: 13% Roofs: 90% Lawns: 0%
Mannings's n	Concrete: 0.013 PVC: 0.013 CSP: 0.025 Ditch: 0.025

As per the Sylvan Lake Development Process and Design Guidelines (pg. 15-4, 2018):

- The Chicago distribution was used in the development of the design storm used in the analysis with the criteria:
    - The Golf Course Creek catchment storm sewer system was analysed using the 5-year design storm; and
- The ditching (major system) was analysed using the 100-year rainfall events.

The design storm durations analysed ranged from 1 to 24 hours, with all durations of 1, 2, 6, 12 and 24 hours being assessed; however, the 24-duration design storm was used for the analysis and design as it provides the largest peak flow at the outlet due to the substantial storage achieve in the ditching system and the two ponds.

Computer Modelling

In conjunction with the overall Storm Water Master Plan study, computational hydraulic modeling was used to analyze the existing and proposed conditions in the Golf Course Creek area. The Sylvan Lake Development Process and Design Guidelines (2018) and Alberta Environment and Parks Stormwater Management Guidelines (1999) were the main sources of design criteria used in the development of the hydrologic / hydraulic model. Runoff within the Golf Course Creek area is conveyed using a dual drainage minor and major system. The minor system consists of catch basins (inlets and leads), the underground pipe system and manholes/junctions. The major system is designed to convey overland flows and includes curb and gutter on roadways with an urban cross section, drainage ditches and four storm water management facilities (SWMF). The analysis has been completed to analyze the ability of the existing and proposed drainage system to safely capture and convey the runoff for design return period (5 year).

Single event computational modelling was undertaken to evaluate the existing and proposed drainage systems under peak discharge conditions. It is also important to note that the model was not calibrated and was developed based on design criteria and background information including GIS data, as-built information, and past reports.

Golf Course Creek Catchment Erosion Estimate

Based on our discussions with the Town and background reports (e.g., AXYS 2005), Golf Course Creek has been identified as a primary source of sediment loading to the Sylvan Lake. Even though the source of sediment is not determined, the Town believed that the southeast catchment area is a significant producer of sediment in Golf Course Creek. The southeast catchment is a residential area partly under development with major construction activities. Erosion intensity in construction sites is 10 to 20 times higher than in a normal agricultural plot (Pudasaini et al. 2004 as presented in Jaramillo 2007). Therefore, without implementation of Best Management Practices (BMPs) through an Erosion and Sediment Control (ESC) Plan, construction sites will significantly contribute to sediment loading.

For this conceptual assessment of mitigation of options McElhanney considered a very high-level estimate of erosion from the construction areas without ESC plans of BMPs in place. For this high-level estimate the Revised Universal Soil Loss Equation (RUSLE) is used. Despite the availability of large number of empirical models, RUSLE was the one chosen because of its widespread use and hence the ease with which information is available for selection of its parameter values.

$$A = R \times K \times LS \times C \times P$$

Where:

- A: Annual soil loss due to erosion (tonnes/(hectare/year)
- R: Erosivity index at a specific climatic location (320 for Calgary)
- K: Index for soil erodibility based on a specific soil's susceptibility to erosion
- L: Topographic factor specific to length of the overland flow path
- S: Topographic factor specific to steepness/slope of the overland flow path length
- C: Cover and management factor
- P: Support practices factor

Based on this calculation 11.2 tonnes/ha/yr sediment is generated from construction areas in the southeast catchment without BMPs implemented. This is equivalent to 560 tonnes of sediment.

6.0 PROPOSED IMPROVEMENT OPTIONS

McElhanney has assessed several options for the three sub-catchment areas of the Golf Course Creek (see **Figure 2** above for sub-catchments) to assist in the reduction of existing sediment and nutrient loading under existing conditions. The various mitigation options assessed for each sub-catchment are discussed in the following sections including regulatory considerations and other related risks.

Golf Course Creek is an unmapped Class C waterbody with a Restricted Activity Period (RAP) of April 16 to June 30 (Government of Alberta 2006). Work should occur outside the RAP (from July 1 to April 15). The provincial Landscape Analysis Tool (LAT) identifies specific environmental conditions (e.g., species specific surveys) that may be required for work within Crown owned land (e.g., bed and shore of Golf Course Creek). The LAT report confirmed that there are no wildlife or rare plant specific requirements for this portion of Golf Course Creek. However, wildlife sweeps prior to construction are required 100m beyond the construction limit. The LAT report can be provided at the Town's request.

North Catchment Mitigation Measures

Option 1A- Enlarging the Existing Wet Pond and Re-Routing the Existing Ditch to the Pond: This option proposes to enlarge the existing 100 m^2 area pond that only serves a portion of the catchment to approximately 450 m^2 thereby servicing the entire north catchment (see Figure 4). The existing ditch located on the north side of Lakeshore Drive would be relocated to the south side. Due to the limited space available at the pond site, the pond could not be enlarged more than 450 m^2. The enlarged pond is to capture sediment generated from the large agricultural land and from part of the Westwood Lane residential area. The existing ditch requires re-routing to the south before crossing the Lakeshore Drive. As noted in Figure 4, the new proposed alignment for the ditch is in front of the existing residential area.

The regulatory requirements to consider with this option will depend on whether or not work is required to be done below the high water level (HWL) of Golf Course Creek. The specific requirements for this option are provided in Appendix C.

- ✓ **Conclusion:** The existing grass ditch on Lakeshore Drive helps to improve water quality, but perhaps not meet provincial guidelines for protection of aquatic life and improve sediment and nutrient loading of the Mariana Bay. The enlarged pond proposed for this option may still not sufficiently meet those guidelines, as the size will be inadequate for such a large catchment. Additionally, the new proposed alignment to re-route the ditch in front of the residential area may not be received favourably by the residents which could be mitigated through a piped drainage system.

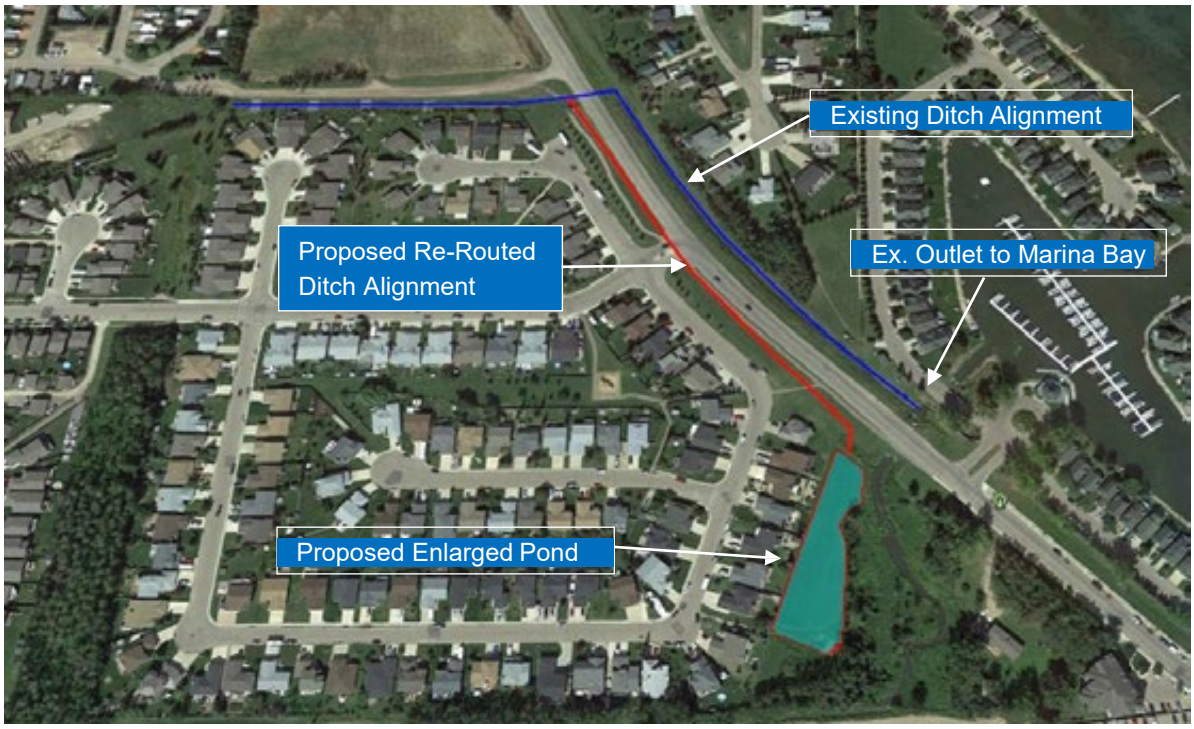

Figure 4 Golf Course North Creek Catchment - Proposed Enlarged Pond & Re-Routing the Existing Creek

Option 1B - Naturalized Wet Pond: This option was assessed as per the Town's request. The Naturalized Wet Pond is proposed in the same location as the proposed enlarged wet pond as show in Option 1A (see Figure 4). Due to space limitation, the proposed pond cannot be naturalized (e.g., not vegetated at the margins) as the grade required for vegetation will significantly limit the capacity of the pond. In addition, based on the limitation of re-routing the existing ditch to this pond, this option was not assessed further. The ditch is recommended for rerouting as construction of a ditch on the west side of the Lakeshore Drive is more cost effective than new a culvert installation under Lakeshore Drive.

The pond will not be eligible for replacement under the Wetland Policy as there is insufficient area available for adequate vegetation and grading. Regulatory requirements were not evaluated for this option as it is not feasible.

✓ **Conclusion:** The area available is not large enough to accommodate a naturalized wet pond or as a constructed wetland for replacement. This option is neither viable nor cost effective.

Option 1C - *Installation of Oil Grit Separators (OGS):* This option proposes installation of an OGS on the storm sewers discharging to the Golf Course Creek south of Lakeshore Drive (See Figure 5). This storm sewer captures runoff from the Westwood Lane residential area and directs the flow to Golf Course Creek. The south storm sewer outlet discharges through a small pond while the north outlet discharges directly into the creek. An OGS at each outlet is proposed under this option to improve water quality at the outlet before it discharges to the Creek.

The specific regulatory requirements for this option are provided in Appendix C.

✓ **Conclusion:** This is a more economical option considering the catchment area it is serving. Since it is not possible to capture most of the north catchment in the pond proposed in Option 1B, the OGS is an economical solution to intercept the sediment from the area. However, this option addresses the water quality issue from a very small part

of the North Catchment. A regular maintenance program is critical for an OGS to operate as designed and remove the sediment.

Figure 5 Golf Course Creek North Catchment Proposed OGS Location

Southwest Catchment of the Golf Course Creek

Due to most of this catchment being outside of the Town boundary (see Figure 2 above), there are limited actions that can be taken directly by the Town. Water quality, both within Golf Course Creek and the general area, is recommended to be a topic of discussion within the Intermunicipal Development Plan, which McElhanney will be working on in the coming months with area Municipalities. Water quality is in the best interest of all affected parties.

Within the Town boundary McElhanney suggested improvements along Golf Course Creek and associated wetlands within the Sylvan Lake Golf and Country Club (SW 32-38-1 W5M) to reduce flow velocities, thereby increasing retention time and water quality. However, upon consultation with the Town and stakeholders, it was determined that this is not feasible at this time. The Town will continue to work with the relevant stakeholders to manage sediment issues in this area. Regulatory requirements for this work was not evaluated.

Southeast Catchment of the Golf Course Creek

Option 2A- Best Management Practices (BMPs) at Construction Sites: This option proposes the Town to adopt a strict approach to the BMPs guideline proposed by the Town with respect to all construction. As noted in this memorandum, erosion from construction sites can reach as high as 10 times the erosion from agricultural land. The Southeast Catchment has developing residential areas. If effective ESC plans are developed and adhered to, most of the sediment produced from construction will be mitigated. Standards may consider timing and duration of activities, wet or dry soil handling, erosion and sediment control methods and plans, and equipment considerations. Alternatively, the standards developed by other municipalities may be considered for adoption (e.g., City of Calgary).

As each development will be responsible for their respective regulatory requirements, this Memorandum does not evaluate potential requirements for this option.

- ✓ **Conclusion:** While potentially requiring additional Town resources (e.g., enforcement), this option is the most cost-effective short-term solution to manage sediment at its source for all construction areas. Developers and contractors are expected to employ BMPs at each construction site. If the Town takes a strict approach to this guideline, with proper monitoring, the option would give the most effective solution.

Option 2B- Equipping Dry Ponds with OGS/Forebay: This option proposes the installation of either an OGS or forebay at the inlets of each dry pond to improve water quality. Dry ponds are impoundment areas used to temporarily store stormwater runoff thereby restricting downstream discharge at to predetermined rates and reducing downstream flooding and erosion potential. Dry ponds without a sediment forebay or an OGS are not effective for sediment removal and can return any captured sediment during high flow events to downstream waterbodies (e.g. Golf Course Creek). All four ponds installed in the southeast catchment of Golf Course Creek are dry ponds without additional measures to retain the sediment transported through the stormwater system. The Fox Run Ph 6-7 receives a large portion of the South East catchment, and the installation of a forebay at this location would have the greatest overall impact.

The specific regulatory requirements for this option are provided in Appendix C.

- ✓ **Conclusion:** This option could be effective in removing the sediment during average flows. Additionally a regular maintenance program is critical for both forebays and OGSs to operate as designed and remove the sediment. Installation of a forebay on the Fox Run Ph 6-7 dry pond is dependent on the Town reaching agreement with the community responsible for the pond. If this agreement is reached, this could be a cost-effective solution to improve the sediment issue of this catchment. Other pond locations would require similar agreements for a forebay if feasible, otherwise and OGS at each location would suffice.

Option 2C- Proposed Wet Pond at the Outlet of Fox Run Ph 6-7 Pond: This option proposes a Wet Pond at the outlet of Fox Run Ph 6-7 Pond as shown in Figure 6. The Fox Run Ph 6-7 Pond receives flow directly from the areas under construction and other dry ponds. Assuming 50 ha of the southeast catchment is under construction, without any Best Management Practices, the sediment generated from this catchment is expected to be high. A high-level estimate, assuming no BMPs and the dry ponds are not effective to intercept the sediment generated from the construction area has been conducted. The result is, approximately 11.2 tonnes/ha/yr sediment is generated from the construction area, which is equivalent to 560 tonnes of sediment. The proposed Wet Pond immediately downstream of the Fox Run Ph 6-7 Pond is expected to improve the sediment removal before discharged to the Golf Course Creek. Compared to Option 2D, the size of this wet pond is comparatively smaller reducing the excavation hence the cost of this option. The proposed wet pond location can be adjusted or relocated to the Option 2D location if there are any conflicts identified.

The regulatory requirements to consider with this option will depend on whether work is required to be done below the HWL of Golf Course Creek. The specific requirements for this option are provided in Appendix C.

- ✓ **Conclusion:** This option provides improvement in sediment removal from the storm water generated from the already developed residential areas and from areas under construction. This is the most cost and performance effective solution.

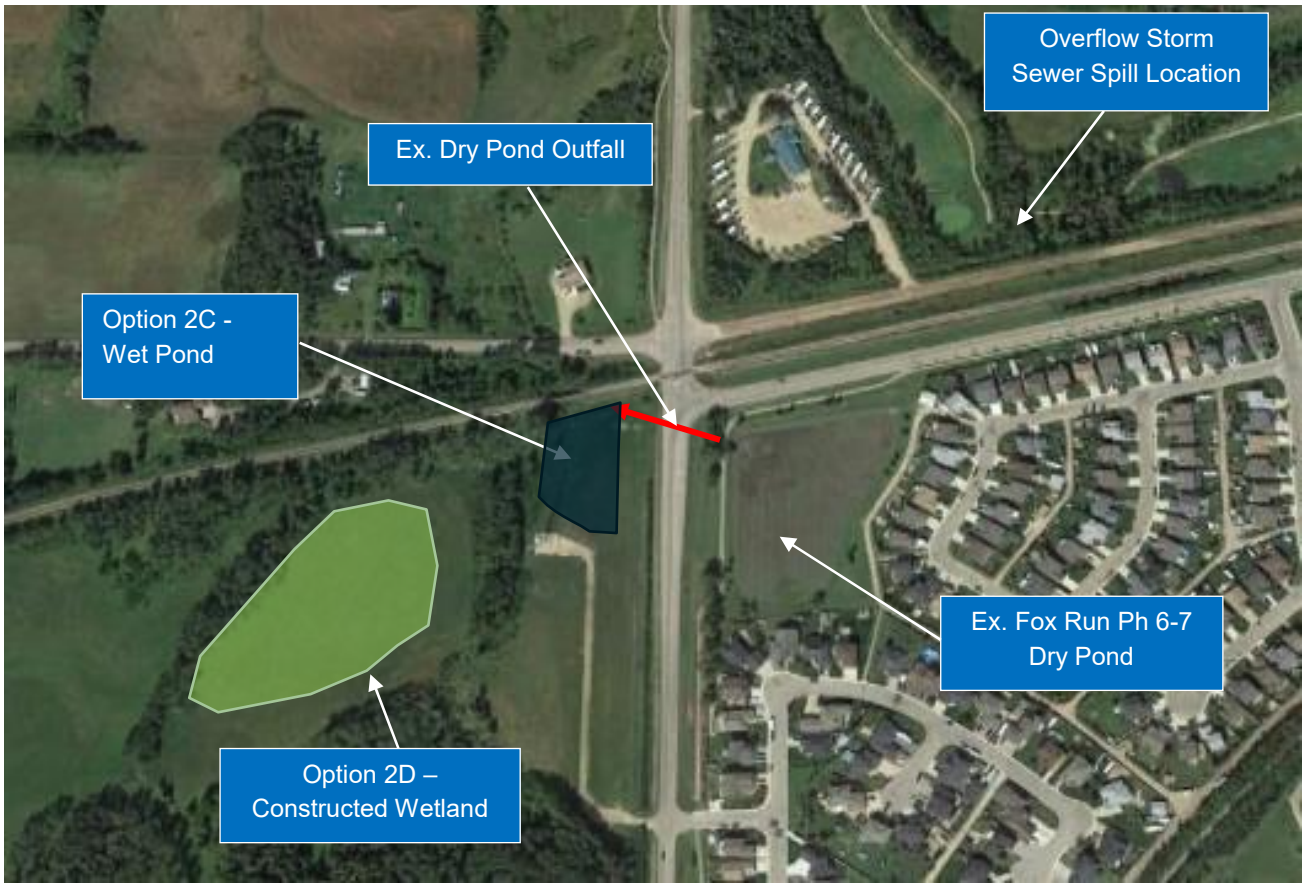

Figure 6: Golf Course Creek Southeast Catchment Proposed Wet Pond and Construction Wetland Locations

Option 2D- Proposed Constructed Wetland at the Outlet of Fox Run Ph 6-7 Pond: This option proposes a constructed wetland at the outlet of Fox Run Ph 6-7 Pond to the west of the proposed wet pond as Option 2C (see **Figure 6**). The Constructed Wetland would improve the sediment removal before discharged to the Golf Course Creek. The Town can also use it for wetland replacement. Compared to the Fox Run Ph 6-7 pond, the constructed Wetland is on high ground requiring larger excavation and disturbance additionally, the area required for vegetation pursuant to the Wetland Policy would increase costs.

The regulatory requirements are not presented in this Technical Memorandum as this option was not selected. This decision was based on discussion with the Town with respect to construction costs and disturbance required for a constructed wetland for replacement.

- ✓ **Conclusion:** This option is not the most cost-effective solution. The large quantity of excavation due to the high ground location of the proposed area, the cost vegetation required to create the wetland and the limited area available to consider it for a wetland replacement are factors not to pursue the option

7.0 RECOMMENDED OPTION

With consideration of the objective of the study there is no one single option that is likely to solve the water quality issues in Golf Course Creek. Each distinct catchment is contributing to the sediment loading and subsequent water quality in the Creek and Sylvan Lake. Consequently, a phased approached to address water quality in each catchment will generate the best outcome.

Phase 1

A Proposed Wet Pond (Option 2C) at the Outlet of Fox Run Ph 6-7 pond is found to cover the largest problem area and may have the largest impact to improve water quality with successful mitigation. This option will be further analyzed during the preliminary design.

Phase 2

The Town should create, and subsequently enforce, Best Management Practice Standards (Option 2A) for all construction activities in the Town, including developments, reconstruction activity, and individual site construction.

Phase 3

Each of the dry ponds within the catchment should be equipped with OGSs (Option 2B). The Town also needs to reconsider the design criteria for detention ponds. All the ponds in the Golf Course Creek area, except the small Willow Springs Pond, are dry ponds. Dry ponds detain the peak flow rate but are ineffective in water quality control. Design criteria for ponds within the Town should be revised to allow for better water quality control, including wet ponds with forebays, or other means of water quality treatment.

If agreements can be made with the already developed residential areas, the existing dry ponds can also be retrofitted to include forebays, OGSs, or another means of sediment control while continuing their management of water quantity. All these are viable options to be considered by the Town.

Phase 4

The storm outlets from the Westwood Lane residential area will have an OGS installed at each of them. It may be possible to combine these outlets to flow through a single OGS or maintain them as separate outlets with separate OGS units. Depending on the flow rate, a single outlet from the area may require an OGS that would cost more than separate units for each outlet. The most cost-effective approach for this area will need to be determined during detailed design.

The recommendations provided in this Technical Memorandum will improve water quality. However, without clearly identifying the source(s) of sediment into Golf Course Creek, it is possible that these options may not have enough impact to ensure water quality meets water quality guidelines for freshwater aquatic life.

8.0 NEXT STEPS

If the Town agrees with the recommended option, McElhanney will conduct the preliminary design of proposed Option 2C Wet Pond which is Phase 1 outlined above. Phases 2 through 4 are outside of the scope of work for this current assignment and will be undertaken at a time determined by the Town.

To undertake the preliminary design topographic survey will be required. The current assessment under this Memorandum is conducted based on a LiDAR data. It is recommended to obtain topographical data of the proposed pond area and the respective outlet to the Golf Course Creek.

Detailed design will require biophysical information for permitting. It is anticipated that regulatory applications will be submitted in winter/spring 2019. Biophysical information, especially wetlands, must be collected during the growing season. As a result, McElhanney collected biophysical data to support winter/spring 2019 permit applications. Field activities focused on Golf Course Creek Qualified Aquatic Environmental Specialist assessments to support any Fisheries Act, Water Act or EPEA applications/notification; as well as any wetlands to support Water Act applications/notifications. During the field assessment, field staff also characterized vegetation, identified weeds, and recorded incidental wildlife observations to support design and Best Management Practice recommendations.

9.0 CERTIFICATION & CLOSING

This technical memorandum has been prepared solely for the Town of Sylvan Lake by McElhanney Consulting Services Ltd. under the direction of a professional engineer registered in the Province of Alberta. There are no beneficiaries of this report, and no other person or entity is entitled to rely upon this report for any purpose whatsoever. It is intended only for the Town of Sylvan Lake and for the purposes and within the limitations stated in the report. McElhanney makes no guarantees and disclaims all liability to any third party with respect to any information or opinions set forth herein.

Should you have any questions or require clarification, please do not hesitate to contact Andy Heath at 780.809.3272 or via email at aheath@mcelhanney.com.

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APPENDIX A

Federal

Fisheries Act

The Fisheries Act is administered by the Department of Fisheries and Oceans (DFO). The Act prohibits work, undertaking, or activity that results in 'serious harm' to fish that are part of a commercial, recreational or Aboriginal fishery, or to fish that support such a fishery. Serious harm includes the death of fish or permanent alteration to, or destruction of, fish habitat. The Act also prohibits the deposition of deleterious substances into waters used by fish; ensures the safe passage of fish, requires flow of water and passage of fish, and requires water intakes and diversions to have fish guards or screens. The DFO has introduced a self-assessment tool to facilitate the Act. A DFO Self-Assessment is required for works within a waterbody. It is a tool that outlines a number of activities and criteria that do not require a DFO Review. A Self-Assessment should be conducted prior to submission to the DFO for Review. If serious harm to fish and fish habitat is unavoidable then the Project should be submitted to DFO. Request for Review takes 3 months. If after the Request for Review is complete and DFO has determined that an Authorization will be required.

Species at Risk Act

The Species at Risk Act identifies measures to protect listed wildlife species through recovery strategies, protection of critical habitat, management of species of concern, agreements and permits, as well as Project reviews. Species identified cannot be killed, harmed, harassed or captured and their residence (e.g., nest, burrow) and habitat cannot be destroyed or moved under the Act.

Migratory Birds Convention Act

The Migratory Birds Convention Act (MBCA) ensures protection of migratory birds, their nest, and their eggs. Birds protected by the MBCA include waterfowl (such as ducks, geese and swans), insectivorous birds (such as wrens, robins, shrikes and woodpeckers), and some nongame birds (such as herons and gulls).

To protect migratory birds, the MBCA provides general nesting periods based on geographic location. The general nesting period covers the majority of species covered under the MBCA, however, it may not be accurate for species that can breed at any time during optimal conditions (e.g., crossbill species), or species that may nest earlier or later. It is important to note that this period may not include those nesting periods for species not covered under the MBCA but are covered under Alberta's Wildlife Act (see below).

Provincial

Public Lands Act

The Public Lands Act requires surface disposition be issued for the use of all public lands in Alberta. The Act is responsible for administering lands owned by the Crown. Under Section 3 of the Act, public lands include the bed and shore of all permanent and naturally occurring waterbodies, including wetlands, unless the title has been granted to a private landowner. The Water Boundary Group for Alberta Environment and Parks (AEP) makes a determination of Crown claimed waterbodies under the Public Lands Act. All watercourses are assumed to be claimed by the Crown, however, all reasonably permanent wetlands must be submitted to the Water Boundary group for determination of Crown ownership. Additionally, authorization is required for the alteration of or work within a Crown-owned waterbody: 1) a Department License of Occupation (DLO) for permanent infrastructure or alterations and/or 2) a Temporary Field Authorization (TFA) for temporary activities, such as construction.

Environmental Protection and Enhancement Act

The Environmental Protection and Enhancement Act (EPEA) supports the protection, enhancement and wise use of environment within a development framework through management of air, land, and water. EPEA and its accompanying regulations set out in detail which activities require approvals and the requirements for obtaining them. An approval may

be required for activities related to waste management, substance release, potable water, pesticides, designated materials, water wells, as well as conservation and reclamation. EPEA also manages stormwater quality, quantity, and release rate to natural systems (e.g., waterbodies).

Water Act

The Water Act manages Alberta's water resources. Through Alberta Environment and Parks the Act governs activities affecting waterbodies in Alberta (including wetlands). An approval under the Water Act is required to alter flow levels of water; change the location of water; change the direction of water flow, cause the siltation of water; cause erosion of bed or shore of any waterbody; or any effect on the aquatic environment. A Water Act License is required for the consumptive use of water.

AEP has developed Restricted Activity Periods (RAPs) for waterbodies based on stream classification applied to all watercourses in the province. Activities that occur within a RAP may be considered high risk to cause damage to fish and fish habitat. The intent on timing restriction (e.g., RAP) for instream activities is to protect sensitive life history stages of fish, such as spawning, embryo incubation and fry emergence. Under some circumstances some activities are permitted to occur within the RAP. Those activities should be recommended the by a Qualified Aquatic Environmental Specialist (QAES) to limit the effect of the activity on fish and fish habitat. It should be noted that a Fish Research License (FRL) is required for any aquatic assessment that requires sampling, or for any fish salvage for an in-stream isolation. Details of the FRL is provided below

Within the Water Act several activities fall under the guidance of Code of Practice (COP) Notifications. A COP for Watercourse Crossings is required for all vehicle and equipment crossings, pipeline and telecommunication line crossings, temporary diversion of water for hydrostatic testing, as well as outfall structures. Notification must be submitted to AEP at least 14 days prior to construction. For activities that are not regulated under a COP, a Water Act approval is required, which may include a review by the Water Boundary Group from the Public Lands Act (see above) and consideration under the Wetland Policy (see below).

Fish Research License

For all activities that require collecting, holding or sampling of fish for inventory or salvage, an FRL must be obtained from the provincial government. If work is to occur within the fish window (e.g., not during the RAP), an FRL can be obtained in 10 business days. If work occurs within the fish window, the file is elevated to senior fisheries biologist for review and there is no guaranteed timeline for which an FRL may be granted. Once the FRL is granted, four business days' notice is required to the regional fisheries officer before work can begin.

Wetland Policy

The Wetland Policy for Alberta was released in 2015. The goal of the Policy is to conserve, restore protect and manage Alberta's wetlands. For activities that that do not fall under a Code of Practice or are not designated as low-impact (e.g., infilling wetlands), wetlands must be classified using the Alberta Wetland Classification System and assigned an ecological wetland value using the Alberta Wetland Rapid Evaluation Tool – Actual (ABWRET-A). This standardized method must be performed by a Qualified Wetland Science Practitioner (QWSP) to ensure that wetland replacement, considers both specific wetland function and loss of area. A Wetland Assessment and Impact Report (WAIR) must be prepared according to the relevant Directive and submitted with a Water Act application. Any replacement for wetland disturbance (or loss) will eventually be directed toward county and municipal-level agencies to assist with its sustainability planning and restoration efforts; however, Ducks Unlimited Canada currently provides replacement.

For activities that fall under a Code of Practice (see Water Act section above) or for activities designated as low-impact by the Wetland Policy, wetlands must be classified and delineated using the Alberta Wetland Classification System and associated directives. Additionally, a Wetland Assessment and Impact Form (WAIF) must be

submitted with the appropriate Notification or Application (e.g., Code of Practice Notification for Code of Practice Activities, or Water Act application for activities not under the Code of Practice and are described as low-impact). The WAIF must be signed by a QWSP. For Code of Practice activities wetland replacement is not required, however, for low-impact (e.g., WAIF) Water Act applications, wetland replacement may be required.

The Wetland Policy provides several mechanisms for wetland replacement: in lieu Fee, Restoration; Enhancement and Construction.

- *In lieu Fee:* The Wetland Policy will shift replacement payments away from non-profit conservation agencies such as Ducks Unlimited Canada and redirect funds back to local areas where actual wetland losses may occur or have historically occurred. This recent redirection of local compensation funds will be administered by AEP or a municipality and all wetland values will be assessed using the ABWRET-A. This will allow counties and municipalities to account for their own respective past, current and future wetland losses and better inform their sustainable development plans. Funds from wetland losses derived from development activities or historic loss in the county can be integrated into local stewardship and restoration efforts.

- *Restoration:* Restoration is the re-establishment of hydrology, vegetation and processes within a previously drained wetland. The process for this mechanism is provided in the Wetland Restoration Directive (Government of Alberta 2016).

- *Enhancement:* Enhancement replacement includes actions taken to increase the function and/or health of an existing degraded wetland (e.g., vegetation planting, soil stabilization). The process for this mechanism is not yet released. However, enhancement as a replacement mechanism may occur if an existing agreement is in place between the proponent and AEP for previous wetland disturbance.

- *Construction:* Construction replacement is the creation of a wetland on land that was previously upland, or that is designated into a portion of an artificial system, such as a stormwater management facility or borrow pit excavation. The process for this replacement mechanism will be formally provided in the Wetland Construction Directive to be released in fall 2018 (Matthew Wilson, pers.comm.). Upon consultation with AEP (August 17, 2018), any application with wetland construction as a replacement mechanism must wait for the Wetland Construction Directive to be released. However, Construction may occur before then if an existing agreement is in place between the proponent and AEP for previous wetland disturbance.

Wildlife Act

In addition to the federal MBCA, birds may be protected provincially under the Wildlife Act. AEP administers the Wildlife Act, which influences and controls human activities that may have adverse effects on wildlife or wildlife habitat on both Crown and privately-owned land. Section 36(1) of the Wildlife Act states that a person shall not willfully molest, disturb or destroy a house, nest or den of prescribed wildlife or beaver dam in prescribed areas and prescribed times. This applies to nests and dens of endangered wildlife, migratory birds, snakes (except prairie rattlesnakes), bats and prairie rattlesnake hibernacula. Additionally, Section 36(1) also applies to beaver dens and houses on land that is not privately owned as well as houses, nests, and dens of all wildlife in a wildlife sanctuary and nests of game birds in game bird sanctuaries.

Weed Control Act

The Weed Control Act protects stakeholders from economic and invasive losses caused by weeds. Some weed species exhibit extreme growth habits, which can have consequences for line of sight at intersections, wildlife control along roadways, culvert and outfall maintenance, agricultural production, livestock forage quality, and many others. The Act prescribes activities that must be undertaken should a noxious or restricted weed be encountered. Each Municipality is responsible for enforcing the Act.

APPENDIX B

Town of Sylvan Lake

McElhanney has identified two potential environmental reporting requirements for the Town of Sylvan Lake: Environmental Impact Assessment (EIA) according to the Waterfront Area Redevelopment Plan (2006), a Biophysical Impact Assessment (BIA) pursuant to the Natural Areas Management Plan (2017), and a Biophysical Assessment (BA) outlined in Development Process and Design Guidelines (2018).

The Waterfront Area Redevelopment Plan *recommends* that an EIA is developed where development may have a detrimental effect. The EIA must include but is not limited to:

- description of the proposed development, including its purpose, alternatives and staging requirements;
- description of the biophysical environment that would be affected;
- prediction of the effects (positive and negative) that the proposed undertaking may have on the biophysical environment;
- indication of the limitation of the study, criteria used in predicting effects, and interests consulted;
- recommended measures to mitigate any negative effects identified; and
- presentation of the results in a framework that can assist decision-makers in determining the final course of action.

The Natural Areas Management Plan identifies High, Moderate, and Low Significant Environmentally Significant Areas (ESA). The below summarizes the *recommendations* for reporting requirements for development within each ESA.

- High Significance: No development should occur unless a detailed BIA is completed to determine the impact on the ESA. The BIA must be completed by an environmental Professional and demonstrate to the satisfaction of the Town Council that little or no impact will occur within the ESA. The BIA is submitted at the time of an Area Structure Plan or Outline Plan.
- Moderate Significance: Development may occur within a moderate ranked ESA at the discretion of the Town. If development is to occur, a BIA is required to determine the impact on the ESA. The BIA must be completed by an environmental Professional and demonstrate to the satisfaction of the Town Council that little or no impact will occur within the ESA. The BIA is submitted at the time of an Area Structure Plan or Outline Plan.
- Low Significance: Low ranked ESAs are disturbed and have limited function on the landscape. The Natural Areas Management Plan does not require a BIA for a Low Significance ESA; however, development should follow all widely accepted best management practices.

The Natural Areas Management Plan also identifies Best Management Practices for Aquatic Resources (watercourses, waterbodies, and wetlands), Vegetation, Soil Resources, Weed Control, as well as Wildlife and Wildlife Habitat.

The Development Process and Design Guidelines require that a developer submit a BA with the outline plan. The BA identifies any ESAs and prioritizes land for Environmental Reserve (ER) and Municipal Reserve (MR). The Town reserves the right to require a deviation from Guidelines where conditions warrant. The BA must include:

- Site context including location, climate, physiographic description, etc.;
- Approach and assessment methods;
- Applicable Federal and Provincial regulatory legislation;
- Assessment results of existing environment including, but not limited to: historical information, topography, geology, soils, hydrology, wetlands, vegetation, wildlife and aquatic resources;
- Impact assessment including cumulative effects in relation to the lands within the local and regional context; and
- Mitigation and conservation recommendations.

APPENDIX C

North Catchment Mitigation Measures

Option 1A- Enlarging the Existing Wet Pond and Re-Routing the Existing Ditch to the Pond

Fisheries Act:

If the outfall and/or any associated design elements (e.g., rip-rap) is placed above the high-water mark of Golf Course Creek, the Fisheries Act will not be applicable. However, stormwater discharge must meet water quality guidelines to protect aquatic life (e.g., no deleterious substances).

If the outfall and/or any associated design elements (e.g., rip-rap) is placed above the high-water mark of Golf Course Creek, the Fisheries Act may be applicable. The level of DFO involvement will depend on design. Stormwater discharge must meet water quality guidelines to protect aquatic life (e.g., no deleterious substances).

Species At Risk Act:

There are no historical occurrences of Species at Risk Act listed species in the Project area. It is not anticipated that any listed species will be encountered on the Project.

MBCA:

There are no permits associated with the MBCA. However, the general migratory bird nesting period for the Sylvan Lake area is approximately April to August. During this period, construction activities require a pre-construction nest-sweep to avoid disturbance and nest sweeps every 2- 6 days where habitat occurs. If there is no habitat on the Project footprint, but adjacent to the footprint, nest sweeps are also required as some species have large setbacks. If nesting migratory birds are identified during the nest sweep, a setback may be identified through consultation with the federal government where feasible, or a permit could be granted to remove the nest in special circumstances.

Public Lands Act:

If the outfall and/or any associated design elements (e.g., rip-rap) is placed above the high-water mark of Golf Course Creek, Public Lands Act will not be applicable.

If the outfall and/or any associated design elements (e.g., rip-rap) is placed below the high-water mark of Golf Course Creek, Public Lands Act will be applicable. A TFA will be required for any construction activities, and a DLO will be required for the outfall and design elements (e.g., rip-rap). A DLO will require a legal survey.

EPEA:

Under Wastewater and Stormwater Regulation (Alberta Regulation 119/93), authorization is required for AEP for the construction of stormwater ponds and outfalls. To obtain authorization, final design must be provided and stamped by a Professional Engineer, the discharge points must be identified, the nature and extent of treatment of stormwater prior to discharge, pre- and post- development storm drainage flow, and confirmation by a Professional Engineer that the increased flow is within the design capacity of the existing storm system. McElhanney anticipates that the OGS installation will require only an Amendment to the existing EPEA. An Amendment will require much of same information as an Approval.

Water Act:

If the outfall and/or any associated design elements (e.g., rip-rap) is not placed within the bed and shore Golf Course Creek, but will discharge to the Creek, a Code of Practice for Outfall Structure on Water Bodies should be submitted. If the outfall and/or any associated design elements (e.g., rip-rap) is placed within the bed and shore of Golf Course Creek, the Code of Practice for Outfall Structure on Water Bodies will be applicable and an FRL will be required for an in-stream isolation (see below). A Code of Practice requires 14 days notification and a QAES assessment. Additionally, discharge must meet water quality guidelines to protect aquatic life (e.g., no deleterious substances).

- *Fish Research Licence:*

  The FRL timeline is dependent on work within the RAP: If work is to occur within the fish window (e.g., not during the RAP), an FRL can be obtained in 10 business days. If work occurs within the RAP, the file is elevated to senior fisheries biologist for review and there is no guaranteed timeline for which an FRL may be granted. Once the FRL is granted, four business days' notice is required to the regional fisheries officer before work can begin.

- *Wetland Policy:*

  The existing pond is assumed to be artificial, however, historic aerial photographs are currently unavailable due to a closure at the provincial aerial photograph repository (fire incident). The repository is anticipated to be opened before October 31, 2018. The artificial nature of he existing pond will be confirmed upon aerial photograph interpretation. In the interim, McElhanney will collect field information on the pond in the event that the pond is not artificial and an approval is required to disturb it.

  Additionally, based on site visit (July 30, 2018), no wetlands were identified in the proposed expansion of the of the pond. Riparian areas of watercourses may also be wetland features, however, any approvals associated with the Golf Course Creek supersede the Wetland Policy requirements.

  McElhanney does not anticipate that the Wetland Policy will not apply to this Option.

Wildlife Act:

There are no permits associated with the Wildlife Act. Additionally, due to the existing disturbance in the area, McElhanney does not recommend wildlife surveys prior to tender. However, the LAT Report recommends similar to the MBCA, wildlife sweeps are recommended prior to construction following the MBCA and LAT Report recommendations.

Weed Control Act:

There are no permits associated with the Weed Control Act. However, a Weed Management Plan is recommended to provide direction during construction.

Municipal:

There are no permits associated with the Town's requirements, however, the Town may request BIA or BA for Option 1A as Golf Course Creek is considered a High Significance ESA pursuant to the Natural Areas Management Plan.

Option 1C - Installation of Oil Grit Separator (OGS):

Fisheries Act:

The OGS will not be installed within the HWL of Golf Course Creek, consequently, there are no Fisheries Act requirements.

Species At Risk Act:

There are no historical occurrences of Species at Risk Act listed species in the Project area. It is not anticipated that any listed species will be encountered on the Project.

MBCA:

There are no permits associated with the MBCA. However, the general migratory bird nesting period for the Sylvan Lake area is approximately April to August. During this period, construction activities require a pre-construction nest-sweep to avoid disturbance and nest sweeps every 2- 6 days where habitat occurs. If there is no habitat on the Project footprint, but adjacent to the footprint, nest sweeps are also required as some species have large setbacks. If nesting migratory birds are identified during the nest sweep, a setback may be identified through consultation with the federal government where feasible, or a permit could be granted to remove the nest in special circumstances.

Public Lands Act:

The OGS will not be installed within the bed and shore of Golf Course Creek, consequently, there are no Public Lands Act requirements.

EPEA:

Under Wastewater and Stormwater Regulation (Alberta Regulation 119/93), authorization is required for AEP for the construction of stormwater ponds and outfalls. McElhanney anticipates that the OGS installation will require only an Amendment to the existing EPEA. An Amendment will require much of same information as an Approval.

Water Act:

The OGS will not be installed within the bed and shore of Golf Course Creek, consequently, there are no Water Act requirements.

Wildlife Act:

There are no permits associated with the Wildlife Act. The LAT Report recommends similar to the MBCA, wildlife sweeps are recommended prior to construction following the MBCA and LAT Report recommendations.

Weed Control Act:

There are no permits associated with the Weed Control Act. However, a Weed Management Plan is recommended to provide direction during construction for soil handling.

Municipal:

There are no permits associated with the Town's requirements and it is not anticipated that an EIA, BIA, or BA is required.

Southeast Catchment of the Golf Course Creek

Option 2B- Equipping Dry Ponds with OGS:

Fisheries Act:

There are no Fisheries Act requirements.

Species At Risk Act:

There are no historical occurrences of Species at Risk Act listed species in the Project area. It is not anticipated that any listed species will be encountered on the Project.

MBCA:

There are no permits associated with the MBCA. However, the general migratory bird nesting period for the Sylvan Lake area is approximately April to August. During this period, construction activities require a pre-construction nest-sweep to avoid disturbance and nest sweeps every 2- 6 days where habitat occurs. If there is no habitat on the Project footprint, but adjacent to the footprint, nest sweeps are also required as some species have large setbacks. If nesting migratory birds are identified during the nest sweep, a setback may be identified through consultation with the federal government where feasible, or a permit could be granted to remove the nest in special circumstances.

Public Lands Act:

There are no Public Lands Act requirements.

EPEA:

Under Wastewater and Stormwater Regulation (Alberta Regulation 119/93), authorization is required for AEP for the construction of stormwater ponds and outfalls. McElhanney anticipates that the OGS installation will require only an amendment to the existing EPEA. An amendment will require much of same information as an approval.

Water Act:

There are no Water Act requirements.

Wildlife Act:

There are no permits associated with the Wildlife Act. The LAT Report recommendations are similar to the MBCA, wildlife sweeps are recommended prior to construction following the MBCA and LAT Report recommendations.

Weed Control Act:

There are no permits associated with the Weed Control Act. However, a Weed Management Plan is recommended to provide direction during construction for soil handling.

Municipal:

There are no permits associated with the Town's requirements and it is not anticipated that an EIA, BIA, or BA is required.

Option 2C- Proposed Wet Pond at the Outlet of Fox Run Ph 6-7 Pond:

Fisheries Act:

If the outfall and/or any associated design elements (e.g., rip-rap) is placed above the high-water mark of Golf Course Creek, the Fisheries Act will not be applicable. However, discharge to Golf Course Creek must meet water quality guidelines to protect aquatic life (e.g., no deleterious substances).

If the outfall and/or any associated design elements (e.g., rip-rap) is placed above the high-water mark of Golf Course Creek, the Fisheries Act may be applicable. The level of DFO involvement will depend on design. Discharge to Golf Course Creek discharge must meet water quality guidelines to protect aquatic life (e.g., no deleterious substances).

Species At Risk Act:

There are no historical occurrences of Species at Risk Act listed species in the Project area. It is not anticipated that any listed species will be encountered on the Project.

MBCA:

There are no permits associated with the MBCA. However, the general migratory bird nesting period for the Sylvan Lake area is approximately April to August. During this period, construction activities require a pre-construction nest-sweep to avoid disturbance and nest sweeps every 2- 6 days where habitat occurs. If there is no habitat on the Project footprint, but adjacent to the footprint, nest sweeps are also required as some species have large setbacks. If nesting migratory birds are identified during the nest sweep, a setback may be identified through consultation with the federal government where feasible, or a permit could be granted to remove the nest in special circumstances.

Public Lands Act:

If the outfall and/or any associated design elements (e.g., rip-rap) is placed above the high-water mark of Golf Course Creek, Public Lands Act will not be applicable.

If the outfall and/or any associated design elements (e.g., rip-rap) is placed below the high-water mark of Golf Course Creek, Public Lands Act will be applicable. A TFA will be required for any construction activities, and a DLO will be required for the outfall and design elements (e.g., rip-rap). A DLO will require a legal survey.

There are no reasonably permanent wetland features associated with this design option that may be eligible for Crown ownership.

EPEA:

Under Wastewater and Stormwater Regulation (Alberta Regulation 119/93), authorization is required for AEP for the construction of stormwater ponds and outfalls. To obtain authorization, final design must be provided and stamped by a Professional Engineer, the discharge points must be identified, the nature and extent of treatment of stormwater prior to discharge, pre- and post- development storm drainage flow, and confirmation by a Professional Engineer that the increased flow is within the design capacity of the existing storm system.

Water Act:

If the outfall and/or any associated design elements (e.g., rip-rap) is not placed within the bed and shore Golf Course Creek, but will discharge to the Creek, a Code of Practice for Outfall Structure on Water Bodies should be submitted. If the outfall and/or any associated design elements (e.g., rip-rap) is placed within the bed and shore of Golf Course Creek, the Code of Practice for Outfall Structure on Water Bodies will be applicable and an FRL will be required for an in-stream isolation (see below). A Code of Practice requires 14 days notification and a QAES assessment. Additionally, discharge must meet water quality guidelines to protect aquatic life (e.g., no deleterious substances).

Based on satellite imagery review, maybe a wetland feature in the vicinity of the Project. For details on wetland requirements see the Wetland Policy section below.

- *Fish Research Licence:*

  The FRL timeline is dependent on work within the RAP: If work is to occur within the fish window (e.g., not during the RAP), an FRL can be obtained in 10 business days. If work occurs within the RAP, the file is elevated to senior fisheries biologist for review and there is no guaranteed timeline for which an FRL may be granted. Once the FRL is granted, four business days' notice is required to the regional fisheries officer before work can begin.

- *Wetland Policy:*

  Depending on geometry of the pond, it is possible that a wetland may be impacted (e.g., infilled) for construction. To infill a wetland, a Water Act application and WAIR is required. Currently, it can take up to one year to obtain a Water Act approval from AEP. Based on discussions with the Town, the wet pond will not be used for wetland replacement. Consequently, *in lieu fee* replacement will be required. The cost for wetland replacement in the Sylvan Lake area is $19,100/ ha. The results of the ABWRET-A will indicate if the wetland is an A, B, C, or D value wetland, which has a corresponding replacement ratio: A value wetlands are 8:1, B-value wetlands are 4:1; C-value wetlands are 2:1, and D-value wetlands are 1:1. For example a 1 ha A value wetland would be $152,800 in replacement fee; while a 1 ha D-value wetland would be $19,100 in replacement fee.

Wildlife Act:

There are no permits associated with the Wildlife Act. The LAT Report recommends similar to the MBCA, wildlife sweeps are recommended prior to construction following the MBCA and LAT Report recommendations.

Weed Control Act:

There are no permits associated with the Weed Control Act. However, a Weed Management Plan is recommended to provide direction during construction.

Municipal:

There are no permits associated with the Town's requirements, however, the Town may request BIA or BA for Option 2C. as Golf Course Creek is considered a High Significance ESA pursuant to the Natural Areas Management Plan.

APPENDIX I

GUIDELINES AND STANDARDS

As Based in *Table 1, page 3: Background Studies*

REPORT NAME	DATE	AUTHOR	LINKS
Design Guidelines			
Sylvan Lake Development Process and Design Guidelines	2018	Town of Sylvan Lake	https://www.sylvanlake.ca/uploads/1058/Doc_636577676158736437.pdf?ts=636577676474722641
City of Red Deer Design Guidelines	2016	City of Red Deer	http://www.reddeer.ca/media/reddeerca/city-services/engineering/publications/Design-Guidelines-Full-Version.pdf
Stormwater Management Guidelines for the Province of Alberta	1999	Alberta Environment and Protection	https://open.alberta.ca/dataset/75b4611e-d962-4411-ac56-935ec2f8dcd1/resource/c6ccd70c-1a1e-4f2a-ae23-58e287ed5ada/download/stormwatermanagementguidelines-1999.pdf
City of Calgary Stormwater Management and Design Criteria	2011	City of Calgary	https://www.calgary.ca/_layouts/cocis/DirectDownload.aspx?target=http%3a%2f%2fwww.calgary.ca%2fPDA%2fpd%2fDocuments%2furban_development%2fbulletins%2f2011-stormwater-management-and-Design.pdf&noredirect=1&sf=1
Low Impact Development Best Management Practices Design Guide	2014	City of Edmonton	https://www.edmonton.ca/city_government/documents/PDF/LIDGuide.pdf

APPENDIX H
PCSWMM MODEL RESULTS

Existing System (Results from 5 year 2 hour Design Storm)

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.012)

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Element Count
****

Number of rain gages 22
Number of subcatchments ... 5681
Number of nodes 970
Number of links 1527
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Recording Type	Interval
2100-Chicago_2h_Red_Deer	2100-Chicago_2h_Red_Deer	INTENSITY	5 min.
Chicago_24h_5Yr(Stantec)	Chicago_24h_5Yr(Stantec)	INTENSITY	5 min.
Chicago_2h-100YR-15min	Chicago_2h-100YR-15min	INTENSITY	15 min.
Chicago_2h-15min-5yr	Chicago_2h-15min-5yr	INTENSITY	15 min.
Red_Deer_100yr_Chicago_12h	Red_Deer_100yr_Chicago_12h	INTENSITY	5 min.
Red_Deer_100yr_Chicago_1h	Red_Deer_100yr_Chicago_1h	INTENSITY	5 min.
Red_Deer_100yr_Chicago_24h	Red_Deer_100yr_Chicago_24h	INTENSITY	5 min.
Red_Deer_100yr_Chicago_2h	Red_Deer_100yr_Chicago_2h	INTENSITY	5 min.
Red_Deer_100yr_Chicago_4h	Red_Deer_100yr_Chicago_4h	INTENSITY	5 min.
Red_Deer_100yr_Chicago_6h	Red_Deer_100yr_Chicago_6h	INTENSITY	5 min.
Red_Deer_2yr_Chicago_12h	Red_Deer_2yr_Chicago_12h	INTENSITY	5 min.
Red_Deer_2yr_Chicago_1h	Red_Deer_2yr_Chicago_1h	INTENSITY	5 min.
Red_Deer_2yr_Chicago_24h	Red_Deer_2yr_Chicago_24h	INTENSITY	5 min.
Red_Deer_2yr_Chicago_2h	Red_Deer_2yr_Chicago_2h	INTENSITY	5 min.
Red_Deer_2yr_Chicago_4h	Red_Deer_2yr_Chicago_4h	INTENSITY	5 min.
Red_Deer_2yr_Chicago_6h	Red_Deer_2yr_Chicago_6h	INTENSITY	5 min.
Red_Deer_5yr_Chicago_12h	Red_Deer_5yr_Chicago_12h	INTENSITY	5 min.
Red_Deer_5yr_Chicago_1h	Red_Deer_5yr_Chicago_1h	INTENSITY	5 min.
Red_Deer_5yr_Chicago_24h	Red_Deer_5yr_Chicago_24h	INTENSITY	5 min.
Red_Deer_5yr_Chicago_2h	Red_Deer_5yr_Chicago_2h	INTENSITY	5 min.
Red_Deer_5yr_Chicago_4h	Red_Deer_5yr_Chicago_4h	INTENSITY	5 min.
Red_Deer_5yr_Chicago_6h	Red_Deer_5yr_Chicago_6h	INTENSITY	5 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
GC1_1	1416.29	4033.96	5.00	5.4500	Red_Deer_5yr_Chicago_2h	CULV5475_Inlet
GC1_2	210.99	4033.96	5.00	1.0200	Red_Deer_5yr_Chicago_2h	CULV5481
GC10_1	0.70	83.58	5.00	9.5100	Red_Deer_5yr_Chicago_2h	GCMH148
GC10_2	2.09	83.58	5.00	9.5100	Red_Deer_5yr_Chicago_2h	Waterford_Station_Pond2
GC100	0.06	15.00	35.00	7.7800	Red_Deer_5yr_Chicago_2h	A13STM2275
GC1000	0.07	15.00	50.00	3.1400	Red_Deer_5yr_Chicago_2h	B13STM225
GC1001	0.06	15.00	35.00	3.4200	Red_Deer_5yr_Chicago_2h	B14STM38
GC1002	0.06	15.00	35.00	2.2100	Red_Deer_5yr_Chicago_2h	B13STM240
GC1003	0.06	15.00	50.00	4.2200	Red_Deer_5yr_Chicago_2h	B13STM226
GC1004	0.37	15.00	70.00	3.1800	Red_Deer_5yr_Chicago_2h	A13STM45
GC1005	0.20	15.00	70.00	2.8800	Red_Deer_5yr_Chicago_2h	B7STM176
GC1006	0.16	15.00	70.00	2.8600	Red_Deer_5yr_Chicago_2h	GCMH3
GC1007	0.07	15.00	35.00	4.9700	Red_Deer_5yr_Chicago_2h	B16STM674
GC1008	0.13	15.00	70.00	3.5300	Red_Deer_5yr_Chicago_2h	B17STM677
GC1009	0.20	15.00	70.00	2.8300	Red_Deer_5yr_Chicago_2h	B8STM191
GC101	0.09	15.00	35.00	6.0800	Red_Deer_5yr_Chicago_2h	Fox_Run_PH6-7
GC1010	0.27	15.00	70.00	2.9000	Red_Deer_5yr_Chicago_2h	B15STM11
GC1011	0.09	15.00	70.00	3.2000	Red_Deer_5yr_Chicago_2h	B15STM24
GC1012	0.10	15.00	70.00	2.7400	Red_Deer_5yr_Chicago_2h	B13STM225
GC1013	0.07	15.00	35.00	5.3100	Red_Deer_5yr_Chicago_2h	B11STM232
GC1014	0.06	15.00	35.00	3.1800	Red_Deer_5yr_Chicago_2h	B17STM676

GC1015	0.07	15.00	35.00	3.4700	Red_Deer_5yr_Chicago_2h B11STM232
GC1016	0.06	15.00	40.00	2.8500	Red_Deer_5yr_Chicago_2h B16STM194
GC1017	0.04	8.00	50.00	3.4600	Red_Deer_5yr_Chicago_2h B7STM176
GC1018	0.08	15.00	35.00	5.1100	Red_Deer_5yr_Chicago_2h B16STM678
GC1019	0.35	15.00	35.00	3.9500	Red_Deer_5yr_Chicago_2h CULV5170
GC102	0.08	15.00	35.00	3.6600	Red_Deer_5yr_Chicago_2h A13STM44
GC1020	0.06	15.00	35.00	4.8200	Red_Deer_5yr_Chicago_2h B16STM192
GC1021	0.08	15.00	35.00	2.9900	Red_Deer_5yr_Chicago_2h B15STM17
GC1022_1	0.63	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h B14STM38
GC1022_2	0.09	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h B14STM38
GC1023	0.07	15.00	35.00	3.5700	Red_Deer_5yr_Chicago_2h B8STM191
GC1024	0.09	15.00	35.00	4.7400	Red_Deer_5yr_Chicago_2h B13STM242
GC1025	0.06	15.00	50.00	2.7300	Red_Deer_5yr_Chicago_2h B13STM226
GC1027	0.06	15.00	35.00	3.9100	Red_Deer_5yr_Chicago_2h B14STM38
GC1028	0.08	15.00	35.00	6.4300	Red_Deer_5yr_Chicago_2h B15STM11
GC1029	0.04	8.00	50.00	2.8300	Red_Deer_5yr_Chicago_2h B7STM175
GC103	0.05	8.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h GCMH132
GC1030	0.04	8.00	50.00	2.9500	Red_Deer_5yr_Chicago_2h B7STM175
GC1031	0.07	15.00	35.00	4.8100	Red_Deer_5yr_Chicago_2h B16STM678
GC1032	0.06	15.00	40.00	3.0400	Red_Deer_5yr_Chicago_2h B15STM195
GC1033	0.27	15.00	70.00	2.8200	Red_Deer_5yr_Chicago_2h B17STM676
GC1034	0.07	15.00	35.00	4.5900	Red_Deer_5yr_Chicago_2h B13STM242
GC1035	0.07	15.00	35.00	4.6800	Red_Deer_5yr_Chicago_2h B11STM232
GC1036	0.07	15.00	35.00	2.9700	Red_Deer_5yr_Chicago_2h B13STM240
GC1037	0.16	15.00	70.00	2.8600	Red_Deer_5yr_Chicago_2h B13STM226
GC1038	0.08	15.00	35.00	3.3700	Red_Deer_5yr_Chicago_2h B8STM190
GC1039	0.06	15.00	35.00	3.8400	Red_Deer_5yr_Chicago_2h B17STM676
GC104	0.04	8.00	50.00	4.4600	Red_Deer_5yr_Chicago_2h A7STM165
GC1040	0.07	15.00	35.00	3.2500	Red_Deer_5yr_Chicago_2h B14STM38
GC1041	0.08	15.00	35.00	5.4400	Red_Deer_5yr_Chicago_2h B16STM678
GC1042	0.05	8.00	50.00	4.0000	Red_Deer_5yr_Chicago_2h B7STM176
GC1043	0.07	15.00	35.00	3.0400	Red_Deer_5yr_Chicago_2h B15STM17
GC1044	0.08	15.00	40.00	5.8900	Red_Deer_5yr_Chicago_2h B16STM671
GC1045	0.07	15.00	35.00	3.1100	Red_Deer_5yr_Chicago_2h B11STM232
GC1046	0.05	15.00	50.00	2.5700	Red_Deer_5yr_Chicago_2h B13STM226
GC1047	0.07	15.00	35.00	4.3400	Red_Deer_5yr_Chicago_2h B16STM678
GC1048	0.03	8.00	50.00	2.8700	Red_Deer_5yr_Chicago_2h B7STM175
GC1049	0.07	15.00	35.00	3.8400	Red_Deer_5yr_Chicago_2h B17STM677
GC105	0.06	15.00	35.00	4.4400	Red_Deer_5yr_Chicago_2h A5STM158
GC1050	0.07	15.00	70.00	2.8000	Red_Deer_5yr_Chicago_2h B16STM194
GC1051	0.03	8.00	50.00	2.3800	Red_Deer_5yr_Chicago_2h B7STM175
GC1052	4.09	202.17	20.00	4.1800	Red_Deer_5yr_Chicago_2h GCMH56
GC1053	0.06	15.00	35.00	4.1000	Red_Deer_5yr_Chicago_2h B13STM242
GC1054	0.23	15.00	70.00	2.8700	Red_Deer_5yr_Chicago_2h B11STM232
GC1055	0.06	15.00	35.00	3.1700	Red_Deer_5yr_Chicago_2h GCMH3
GC1056	0.07	15.00	35.00	2.9800	Red_Deer_5yr_Chicago_2h B17STM677
GC1057	0.06	15.00	40.00	2.6800	Red_Deer_5yr_Chicago_2h B15STM195
GC1058	1.08	34.12	15.00	2.6800	Red_Deer_5yr_Chicago_2h B17STM1072
GC1059	0.06	15.00	50.00	3.7400	Red_Deer_5yr_Chicago_2h B13STM226
GC106	0.06	15.00	35.00	5.5300	Red_Deer_5yr_Chicago_2h A5STM161
GC1060	0.06	15.00	35.00	2.7600	Red_Deer_5yr_Chicago_2h GCMH3
GC1061	0.07	15.00	35.00	3.2800	Red_Deer_5yr_Chicago_2h B15STM11
GC1062	0.07	15.00	35.00	3.4200	Red_Deer_5yr_Chicago_2h B17STM677
GC1063	0.06	15.00	35.00	2.3700	Red_Deer_5yr_Chicago_2h GCMH3
GC1064	0.06	15.00	35.00	2.4700	Red_Deer_5yr_Chicago_2h GCMH3
GC1065	0.06	15.00	35.00	2.7900	Red_Deer_5yr_Chicago_2h GCMH3
GC1066	0.06	15.00	35.00	2.6800	Red_Deer_5yr_Chicago_2h GCMH3
GC1067	0.04	8.00	50.00	3.1400	Red_Deer_5yr_Chicago_2h B7STM176
GC1068	0.04	8.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h B7STM176
GC1069	0.04	8.00	50.00	3.0000	Red_Deer_5yr_Chicago_2h B7STM176
GC107	0.07	15.00	35.00	3.2100	Red_Deer_5yr_Chicago_2h A5STM158
GC1070	0.08	15.00	70.00	2.8600	Red_Deer_5yr_Chicago_2h B16STM671
GC1071	0.07	15.00	35.00	4.1600	Red_Deer_5yr_Chicago_2h B17STM677
GC1072	0.09	15.00	35.00	3.5900	Red_Deer_5yr_Chicago_2h B11STM232
GC1073	0.04	8.00	50.00	3.6000	Red_Deer_5yr_Chicago_2h B7STM176
GC1074	0.06	15.00	35.00	4.2800	Red_Deer_5yr_Chicago_2h B13STM242
GC1075	0.06	15.00	35.00	4.9700	Red_Deer_5yr_Chicago_2h B14STM38
GC1076	0.06	15.00	40.00	6.0600	Red_Deer_5yr_Chicago_2h B16STM671
GC1077	0.06	15.00	35.00	4.2900	Red_Deer_5yr_Chicago_2h B8STM190
GC1078	0.07	15.00	35.00	5.6900	Red_Deer_5yr_Chicago_2h B11STM232
GC1079	0.03	15.00	50.00	3.4800	Red_Deer_5yr_Chicago_2h B13STM226
GC108	0.15	15.00	35.00	4.1400	Red_Deer_5yr_Chicago_2h A13STM2275
GC1080	0.03	8.00	50.00	4.1900	Red_Deer_5yr_Chicago_2h B7STM176
GC1081	0.07	15.00	35.00	3.1300	Red_Deer_5yr_Chicago_2h B15STM11
GC1082	0.05	15.00	50.00	2.5600	Red_Deer_5yr_Chicago_2h B13STM226

GC1083	0.06	15.00	35.00	4.0700	Red_Deer_5yr_Chicago_2h B11STM232
GC1084	0.06	15.00	35.00	3.6200	Red_Deer_5yr_Chicago_2h B11STM232
GC1085	0.06	15.00	35.00	4.0500	Red_Deer_5yr_Chicago_2h B11STM232
GC1086	0.06	15.00	35.00	3.6200	Red_Deer_5yr_Chicago_2h B11STM232
GC1087	0.06	8.00	50.00	4.2400	Red_Deer_5yr_Chicago_2h B7STM176
GC1088	0.06	15.00	35.00	5.2400	Red_Deer_5yr_Chicago_2h B13STM242
GC1089	1.05	55.00	70.00	4.4800	Red_Deer_5yr_Chicago_2h B17STM1083
GC109	0.06	15.00	50.00	4.1700	Red_Deer_5yr_Chicago_2h GCMH5
GC1090	0.04	8.00	50.00	4.3700	Red_Deer_5yr_Chicago_2h B7STM176
GC1091	0.03	8.00	50.00	3.3700	Red_Deer_5yr_Chicago_2h B7STM175
GC1092	0.03	8.00	50.00	3.7000	Red_Deer_5yr_Chicago_2h B7STM175
GC1093	0.07	15.00	35.00	4.6800	Red_Deer_5yr_Chicago_2h B11STM232
GC1094	0.06	15.00	35.00	3.5500	Red_Deer_5yr_Chicago_2h B17STM676
GC1095	0.06	15.00	35.00	5.7500	Red_Deer_5yr_Chicago_2h B13STM242
GC1096	0.06	15.00	35.00	3.1900	Red_Deer_5yr_Chicago_2h B14STM38
GC1097	0.06	15.00	35.00	5.8100	Red_Deer_5yr_Chicago_2h B13STM242
GC1098	0.06	15.00	35.00	4.0100	Red_Deer_5yr_Chicago_2h B14STM38
GC1099	0.06	15.00	35.00	3.3500	Red_Deer_5yr_Chicago_2h B14STM38
GC11	48.30	347.49	5.00	5.0800	Red_Deer_5yr_Chicago_2h GCMH88
GC110	0.05	10.00	50.00	3.0900	Red_Deer_5yr_Chicago_2h GCMH1
GC1100	0.06	15.00	35.00	3.8600	Red_Deer_5yr_Chicago_2h B14STM38
GC1101	0.07	15.00	40.00	3.2700	Red_Deer_5yr_Chicago_2h B15STM195
GC1102	0.06	15.00	35.00	3.5200	Red_Deer_5yr_Chicago_2h B15STM11
GC1103	0.06	15.00	35.00	4.3000	Red_Deer_5yr_Chicago_2h B14STM38
GC1104	0.03	15.00	50.00	3.3800	Red_Deer_5yr_Chicago_2h B13STM226
GC1105	0.06	15.00	35.00	4.1900	Red_Deer_5yr_Chicago_2h B15STM11
GC1106	0.06	15.00	35.00	3.6300	Red_Deer_5yr_Chicago_2h B15STM11
GC1107	0.06	15.00	35.00	3.2500	Red_Deer_5yr_Chicago_2h B15STM11
GC1108	0.11	15.00	35.00	5.1200	Red_Deer_5yr_Chicago_2h B15STM11
GC1109	0.06	15.00	40.00	5.4500	Red_Deer_5yr_Chicago_2h B16STM672
GC111	0.07	15.00	50.00	4.5600	Red_Deer_5yr_Chicago_2h GCMH5
GC1110	0.09	15.00	35.00	3.3700	Red_Deer_5yr_Chicago_2h B13STM240
GC1111	0.06	15.00	35.00	4.5300	Red_Deer_5yr_Chicago_2h B13STM242
GC1112	0.03	15.00	50.00	4.4300	Red_Deer_5yr_Chicago_2h B13STM216
GC1113	0.36	15.00	70.00	3.0500	Red_Deer_5yr_Chicago_2h B11STM232
GC1114	0.07	15.00	35.00	3.3900	Red_Deer_5yr_Chicago_2h B11STM232
GC1115	0.09	15.00	35.00	2.9400	Red_Deer_5yr_Chicago_2h B14STM38
GC1116	0.07	15.00	35.00	3.9600	Red_Deer_5yr_Chicago_2h B15STM11
GC1117	0.05	15.00	35.00	3.1500	Red_Deer_5yr_Chicago_2h B14STM38
GC1118	0.03	15.00	50.00	2.9800	Red_Deer_5yr_Chicago_2h B13STM226
GC1119	0.09	15.00	35.00	3.1500	Red_Deer_5yr_Chicago_2h B8STM190
GC112	0.05	8.00	50.00	3.7400	Red_Deer_5yr_Chicago_2h A7STM165
GC1120	0.19	15.00	35.00	3.7800	Red_Deer_5yr_Chicago_2h CULV5170
GC1121	0.22	23.29	5.00	7.2400	Red_Deer_5yr_Chicago_2h GCMH92
GC1122	0.03	8.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h B7STM175
GC1123	0.03	8.00	50.00	2.4800	Red_Deer_5yr_Chicago_2h B7STM175
GC1124	0.03	15.00	50.00	2.5100	Red_Deer_5yr_Chicago_2h B13STM216
GC1125	0.05	15.00	40.00	6.2700	Red_Deer_5yr_Chicago_2h B16STM672
GC1126	0.06	15.00	40.00	3.0700	Red_Deer_5yr_Chicago_2h B15STM197
GC1127	0.03	15.00	50.00	3.5900	Red_Deer_5yr_Chicago_2h B13STM226
GC1128	0.06	15.00	35.00	4.5600	Red_Deer_5yr_Chicago_2h B14STM38
GC1129	0.07	15.00	35.00	5.3400	Red_Deer_5yr_Chicago_2h B11STM232
GC113	0.06	8.00	50.00	4.1800	Red_Deer_5yr_Chicago_2h GCMH132
GC1130	0.03	15.00	50.00	2.4300	Red_Deer_5yr_Chicago_2h B13STM216
GC1131	0.11	15.00	70.00	2.5400	Red_Deer_5yr_Chicago_2h B13STM224
GC1132	0.06	15.00	35.00	3.5400	Red_Deer_5yr_Chicago_2h B8STM190
GC1133	0.03	15.00	50.00	2.9000	Red_Deer_5yr_Chicago_2h B13STM226
GC1134	0.06	15.00	35.00	2.8400	Red_Deer_5yr_Chicago_2h B17STM676
GC1135	0.05	15.00	40.00	5.8200	Red_Deer_5yr_Chicago_2h B16STM672
GC1136	0.03	15.00	50.00	2.1900	Red_Deer_5yr_Chicago_2h B13STM216
GC1137	0.03	8.00	50.00	3.0700	Red_Deer_5yr_Chicago_2h B7STM175
GC1138	0.06	15.00	40.00	3.4100	Red_Deer_5yr_Chicago_2h B15STM197
GC1139	0.03	8.00	50.00	2.4700	Red_Deer_5yr_Chicago_2h B7STM175
GC114	0.06	15.00	50.00	3.6800	Red_Deer_5yr_Chicago_2h GCMH5
GC1140	0.28	15.00	70.00	2.5500	Red_Deer_5yr_Chicago_2h B7STM175
GC1141	0.31	15.00	35.00	5.1200	Red_Deer_5yr_Chicago_2h CULV5170
GC1142	0.10	15.00	70.00	2.4400	Red_Deer_5yr_Chicago_2h B15STM195
GC1143	0.03	15.00	50.00	3.4300	Red_Deer_5yr_Chicago_2h B13STM226
GC1144	0.04	15.00	50.00	2.4800	Red_Deer_5yr_Chicago_2h B13STM216
GC1145	0.05	15.00	40.00	6.5200	Red_Deer_5yr_Chicago_2h B16STM672
GC1146	0.11	15.00	70.00	3.3800	Red_Deer_5yr_Chicago_2h B15STM12
GC1147	0.04	15.00	50.00	2.3500	Red_Deer_5yr_Chicago_2h B13STM216
GC1148	0.03	15.00	50.00	2.7700	Red_Deer_5yr_Chicago_2h B13STM226
GC1149	0.09	15.00	35.00	3.5200	Red_Deer_5yr_Chicago_2h B11STM232
GC115	0.07	15.00	50.00	3.1500	Red_Deer_5yr_Chicago_2h A5STM160

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 GC1150                    0.20     15.00     35.00    3.4900 Red_Deer_5yr_Chicago_2h CULV5170
 GC1151                    0.08     15.00     35.00    4.4200 Red_Deer_5yr_Chicago_2h B7STM184
 GC1152                    0.09     15.00     35.00    2.8500 Red_Deer_5yr_Chicago_2h B7STM184
GC1153                    0.06     15.00     40.00    3.2800 Red_Deer_5yr_Chicago_2h B15STM197
GC1154                    0.05     15.00     40.00    6.0000 Red_Deer_5yr_Chicago_2h B16STM672
 GC1155                    0.06     15.00     35.00    2.6900 Red_Deer_5yr_Chicago_2h B8STM190
 GC1156                    0.08     15.00     35.00    3.4400 Red_Deer_5yr_Chicago_2h C6STM180
GC1157                    0.06     15.00     35.00    4.9800 Red_Deer_5yr_Chicago_2h B11STM232
GC1158                    0.03     15.00     50.00    2.6800 Red_Deer_5yr_Chicago_2h B13STM216
 GC1159                    0.03      8.00     50.00    2.5800 Red_Deer_5yr_Chicago_2h B7STM175
 GC116                     0.06     15.00     50.00    3.6500 Red_Deer_5yr_Chicago_2h A5STM160
 GC1160                    0.03      8.00     50.00    2.0900 Red_Deer_5yr_Chicago_2h B7STM175
GC1161                    0.03     15.00     50.00    3.6200 Red_Deer_5yr_Chicago_2h B13STM226
GC1162                    0.05     15.00     40.00    6.3000 Red_Deer_5yr_Chicago_2h B16STM672
GC1163                    0.06     15.00     35.00    2.9800 Red_Deer_5yr_Chicago_2h B17STM676
GC1164                    0.03     15.00     50.00    2.7600 Red_Deer_5yr_Chicago_2h B13STM216
 GC1165                    0.11     15.00     35.00    3.4900 Red_Deer_5yr_Chicago_2h C6STM180
GC1166                    0.35     15.00     70.00    3.0000 Red_Deer_5yr_Chicago_2h B16STM194
GC1167                    0.05     15.00     40.00    3.5200 Red_Deer_5yr_Chicago_2h B15STM197
GC1168                    0.05     15.00     40.00    6.3000 Red_Deer_5yr_Chicago_2h B16STM672
 GC1169                    0.06     15.00     35.00    3.1000 Red_Deer_5yr_Chicago_2h B8STM190
 GC117                     0.25     15.00     70.00    3.1300 Red_Deer_5yr_Chicago_2h A5STM158
GC1170                    0.03     15.00     50.00    2.8500 Red_Deer_5yr_Chicago_2h B13STM224
 GC1171                    0.11     15.00     35.00    3.1600 Red_Deer_5yr_Chicago_2h C6STM180
GC1172                    0.23     15.00     70.00    2.7100 Red_Deer_5yr_Chicago_2h B16STM672
GC1173                    0.03     15.00     50.00    3.1200 Red_Deer_5yr_Chicago_2h B13STM215
 GC1174                    0.12     15.00     35.00    2.7000 Red_Deer_5yr_Chicago_2h B7STM184
GC1175                    0.06     15.00     40.00    4.6500 Red_Deer_5yr_Chicago_2h B16STM672
GC1176                    0.06     15.00     40.00    3.7400 Red_Deer_5yr_Chicago_2h B17STM673
GC1177                    0.03     15.00     50.00    2.5100 Red_Deer_5yr_Chicago_2h B13STM215
GC1178                    0.06     15.00     40.00    3.4100 Red_Deer_5yr_Chicago_2h B17STM673
GC1179                    0.06     15.00     40.00    2.9200 Red_Deer_5yr_Chicago_2h B15STM197
  GC118                     0.06     15.00     50.00    3.3700 Red_Deer_5yr_Chicago_2h GCMH5
 GC1180                    0.03      8.00     50.00    3.2700 Red_Deer_5yr_Chicago_2h B7STM175
 GC1181                    0.03      8.00     50.00    2.4400 Red_Deer_5yr_Chicago_2h B7STM175
GC1182                    0.12     15.00     35.00    3.1200 Red_Deer_5yr_Chicago_2h B12STM220
GC1183                    0.06     15.00     40.00    2.6000 Red_Deer_5yr_Chicago_2h B17STM673
GC1184                    0.03     15.00     50.00    2.8700 Red_Deer_5yr_Chicago_2h B13STM224
GC1185                    0.05     15.00     50.00    2.8100 Red_Deer_5yr_Chicago_2h B13STM215
GC1186                    0.06     15.00     40.00    3.2600 Red_Deer_5yr_Chicago_2h B15STM197
GC1187                    0.05     15.00     50.00    3.0600 Red_Deer_5yr_Chicago_2h B13STM215
GC1188                    0.03     15.00     50.00    2.8700 Red_Deer_5yr_Chicago_2h B13STM224
GC1189                    0.05     15.00     50.00    3.3200 Red_Deer_5yr_Chicago_2h B13STM215
  GC119                     0.06     15.00     50.00    3.7700 Red_Deer_5yr_Chicago_2h GCMH5
 GC1190                    0.06     15.00     35.00    2.9200 Red_Deer_5yr_Chicago_2h B8STM190
GC1191                    0.06     15.00     40.00    3.3900 Red_Deer_5yr_Chicago_2h B15STM199
 GC1192                    0.11     15.00     35.00    2.9100 Red_Deer_5yr_Chicago_2h B7STM184
GC1193                    0.05     15.00     50.00    3.0900 Red_Deer_5yr_Chicago_2h B14STM214
GC1194                    0.06     15.00     50.00    3.4100 Red_Deer_5yr_Chicago_2h B14STM214
GC1195                    0.05     15.00     50.00    3.3400 Red_Deer_5yr_Chicago_2h B14STM214
GC1196                    0.05     15.00     50.00    3.3700 Red_Deer_5yr_Chicago_2h B13STM215
GC1197                    0.05     15.00     50.00    4.3000 Red_Deer_5yr_Chicago_2h B14STM214
GC1198                    0.06     15.00     50.00    2.9500 Red_Deer_5yr_Chicago_2h B14STM204
GC1199                    0.05     15.00     50.00    3.5500 Red_Deer_5yr_Chicago_2h B14STM214
      GC12_2                19.05    350.00     65.00    4.1300 Red_Deer_5yr_Chicago_2h
                                Waterford_Station_Pond1
      GC12_3                 8.35    350.00     65.00    4.1300 Red_Deer_5yr_Chicago_2h
                                Waterford_Station_Pond3
      GC12_4                24.59    350.00     65.00    4.1300 Red_Deer_5yr_Chicago_2h
                                Waterford_Station_Pond2
GC120                    1.97     80.46     30.00    5.4200 Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
  GC1200                    0.05     15.00     50.00    3.1600 Red_Deer_5yr_Chicago_2h B13STM215
  GC1201                    0.05     15.00     50.00    2.9800 Red_Deer_5yr_Chicago_2h B14STM214
  GC1202                    0.05     15.00     50.00    3.2500 Red_Deer_5yr_Chicago_2h B14STM214
  GC1203                    0.05     15.00     50.00    3.5000 Red_Deer_5yr_Chicago_2h B14STM204
  GC1204                    0.05     15.00     50.00    4.3200 Red_Deer_5yr_Chicago_2h B14STM204
  GC1205                    0.05     15.00     50.00    3.6300 Red_Deer_5yr_Chicago_2h B14STM204
  GC1206                    0.05     15.00     50.00    3.6500 Red_Deer_5yr_Chicago_2h B14STM204
  GC1207                    0.05     15.00     50.00    3.7500 Red_Deer_5yr_Chicago_2h B14STM204
  GC1208                    0.05     15.00     50.00    5.1900 Red_Deer_5yr_Chicago_2h B14STM204
    GC1209                    0.05     15.00     50.00    4.2800 Red_Deer_5yr_Chicago_2h GCMH95
   GC121                     0.21     15.00     70.00    2.9400 Red_Deer_5yr_Chicago_2h A12STM53
    GC1210                    0.05     15.00     50.00    4.2600 Red_Deer_5yr_Chicago_2h GCMH95
    GC1211                    0.05     15.00     50.00    4.2400 Red_Deer_5yr_Chicago_2h GCMH95
   GC1212                    0.03      8.00     50.00    3.5300 Red_Deer_5yr_Chicago_2h B7STM175
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GC1213	0.05	15.00	40.00	6.5000	Red_Deer_5yr_Chicago_2h GCMH95
GC1214	0.03	8.00	50.00	2.7500	Red_Deer_5yr_Chicago_2h B7STM175
GC1215	0.03	15.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h B13STM224
GC1216	0.05	15.00	40.00	5.4300	Red_Deer_5yr_Chicago_2h GCMH95
GC1217	0.06	15.00	40.00	5.3600	Red_Deer_5yr_Chicago_2h GCMH95
GC1218	0.06	15.00	40.00	5.4300	Red_Deer_5yr_Chicago_2h GCMH95
GC1219	0.05	15.00	40.00	6.0800	Red_Deer_5yr_Chicago_2h GCMH95
GC122	0.06	15.00	35.00	6.7400	Red_Deer_5yr_Chicago_2h A15STM3
GC1220	0.06	15.00	40.00	3.9500	Red_Deer_5yr_Chicago_2h B15STM199
GC1221	0.05	15.00	40.00	5.4300	Red_Deer_5yr_Chicago_2h GCMH95
GC1222	0.05	15.00	40.00	5.6600	Red_Deer_5yr_Chicago_2h B15STM199
GC1223	0.19	15.00	35.00	3.5300	Red_Deer_5yr_Chicago_2h CULV5170
GC1224	0.06	15.00	35.00	3.8500	Red_Deer_5yr_Chicago_2h B12STM220
GC1225	0.06	15.00	35.00	2.7000	Red_Deer_5yr_Chicago_2h B17STM676
GC1226	0.05	15.00	40.00	4.6400	Red_Deer_5yr_Chicago_2h B15STM199
GC1227	0.07	15.00	35.00	5.2700	Red_Deer_5yr_Chicago_2h B11STM232
GC1228	0.17	15.00	70.00	2.6100	Red_Deer_5yr_Chicago_2h B13STM216
GC1229	0.03	15.00	50.00	2.5500	Red_Deer_5yr_Chicago_2h B13STM224
GC123	0.04	8.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h A7STM165
GC1230	0.06	15.00	35.00	2.8500	Red_Deer_5yr_Chicago_2h B8STM190
GC1231	0.33	15.00	35.00	3.7000	Red_Deer_5yr_Chicago_2h CULV5170
GC1232	0.16	15.00	35.00	3.5100	Red_Deer_5yr_Chicago_2h B11STM232
GC1233	0.07	15.00	35.00	3.5300	Red_Deer_5yr_Chicago_2h C6STM180
GC1234	0.36	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h B16STM671
GC1235	0.06	15.00	35.00	4.7400	Red_Deer_5yr_Chicago_2h B11STM232
GC1236	0.07	15.00	35.00	4.6600	Red_Deer_5yr_Chicago_2h B11STM232
GC1237	0.06	15.00	35.00	4.6100	Red_Deer_5yr_Chicago_2h B11STM232
GC1238	0.06	15.00	35.00	4.6000	Red_Deer_5yr_Chicago_2h B11STM232
GC1239	0.03	15.00	50.00	4.4900	Red_Deer_5yr_Chicago_2h B13STM224
GC124	0.06	8.00	50.00	3.7100	Red_Deer_5yr_Chicago_2h GCMH1
GC1240	0.03	8.00	50.00	2.7000	Red_Deer_5yr_Chicago_2h B7STM175
GC1241	0.07	15.00	35.00	3.8800	Red_Deer_5yr_Chicago_2h B11STM232
GC1242	0.03	8.00	50.00	2.8200	Red_Deer_5yr_Chicago_2h B7STM175
GC1243	0.07	15.00	35.00	2.7600	Red_Deer_5yr_Chicago_2h B12STM220
GC1244	0.06	15.00	35.00	4.3900	Red_Deer_5yr_Chicago_2h B11STM232
GC1245	0.11	15.00	70.00	2.4900	Red_Deer_5yr_Chicago_2h GCMH96
GC1246	0.07	15.00	35.00	4.8300	Red_Deer_5yr_Chicago_2h B11STM232
GC1247	0.07	15.00	35.00	2.7000	Red_Deer_5yr_Chicago_2h B7STM184
GC1248	0.07	15.00	35.00	3.1700	Red_Deer_5yr_Chicago_2h B11STM232
GC1249	0.13	15.00	70.00	2.7300	Red_Deer_5yr_Chicago_2h GCMH67
GC125	0.07	15.00	35.00	5.8500	Red_Deer_5yr_Chicago_2h A15STM2
GC1250	0.03	15.00	50.00	3.2600	Red_Deer_5yr_Chicago_2h B13STM216
GC1251	0.06	15.00	35.00	3.0700	Red_Deer_5yr_Chicago_2h C6STM180
GC1252	0.20	22.54	5.00	5.1800	Red_Deer_5yr_Chicago_2h CULV5170
GC1253	0.06	15.00	35.00	3.3700	Red_Deer_5yr_Chicago_2h C13STM219
GC1254	0.06	15.00	35.00	2.2800	Red_Deer_5yr_Chicago_2h B8STM190
GC1255	0.20	15.00	70.00	2.5000	Red_Deer_5yr_Chicago_2h B18STM1084
GC1256	0.24	15.00	70.00	2.4600	Red_Deer_5yr_Chicago_2h B17STM673
GC1257	0.03	8.00	50.00	3.0800	Red_Deer_5yr_Chicago_2h B7STM175
GC1258	0.03	8.00	50.00	2.4600	Red_Deer_5yr_Chicago_2h B7STM175
GC1259	0.04	15.00	50.00	3.0700	Red_Deer_5yr_Chicago_2h B13STM216
GC126	0.08	15.00	50.00	4.2800	Red_Deer_5yr_Chicago_2h GCMH5
GC1260	0.18	15.00	70.00	2.3500	Red_Deer_5yr_Chicago_2h B17STM1072
GC1261	0.10	15.00	70.00	4.0200	Red_Deer_5yr_Chicago_2h B15STM197
GC1262	0.09	15.00	70.00	2.4600	Red_Deer_5yr_Chicago_2h B17STM1071
GC1263	0.06	15.00	35.00	2.7100	Red_Deer_5yr_Chicago_2h C13STM219
GC1264	0.71	15.00	70.00	4.0000	Red_Deer_5yr_Chicago_2h GCMH147
GC1265	0.06	15.00	35.00	3.5300	Red_Deer_5yr_Chicago_2h B8STM190
GC1266	0.04	15.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h B13STM216
GC1267	0.18	15.00	70.00	2.6700	Red_Deer_5yr_Chicago_2h B13STM215
GC1268	0.06	15.00	35.00	2.8700	Red_Deer_5yr_Chicago_2h B7STM184
GC1269	0.10	15.00	40.00	5.1700	Red_Deer_5yr_Chicago_2h GCMH96
GC127	0.05	15.00	35.00	4.1400	Red_Deer_5yr_Chicago_2h A5STM161
GC1270	0.03	8.00	50.00	3.1100	Red_Deer_5yr_Chicago_2h B7STM175
GC1271	0.03	8.00	50.00	2.0600	Red_Deer_5yr_Chicago_2h B7STM175
GC1272	0.06	15.00	35.00	3.6300	Red_Deer_5yr_Chicago_2h B12STM220
GC1273	0.04	15.00	50.00	3.0100	Red_Deer_5yr_Chicago_2h B13STM216
GC1274	0.05	15.00	35.00	3.6700	Red_Deer_5yr_Chicago_2h C6STM180
GC1275	0.29	15.00	70.00	2.6600	Red_Deer_5yr_Chicago_2h B14STM214
GC1276	0.14	15.00	70.00	2.5200	Red_Deer_5yr_Chicago_2h B15STM199
GC1277	0.22	15.00	70.00	3.1500	Red_Deer_5yr_Chicago_2h B14STM204
GC1278	0.21	23.03	5.00	3.5700	Red_Deer_5yr_Chicago_2h C7STM178
GC1279	0.25	15.00	70.00	3.2800	Red_Deer_5yr_Chicago_2h GCMH95
GC128	0.06	15.00	35.00	4.3900	Red_Deer_5yr_Chicago_2h A13STM54
GC1280	0.06	15.00	35.00	2.7700	Red_Deer_5yr_Chicago_2h B7STM184

GC1281	0.06	15.00	35.00	2.9400	Red_Deer_5yr_Chicago_2h B8STM190
GC1282	0.10	15.00	40.00	5.2100	Red_Deer_5yr_Chicago_2h GCMH96
GC1283	0.06	15.00	35.00	2.4600	Red_Deer_5yr_Chicago_2h C13STM219
GC1284	0.37	15.00	70.00	2.8500	Red_Deer_5yr_Chicago_2h B15STM197
GC1285	0.04	15.00	50.00	3.1600	Red_Deer_5yr_Chicago_2h B13STM216
GC1286	0.07	15.00	70.00	2.8000	Red_Deer_5yr_Chicago_2h GCMH44
GC1287	0.06	15.00	35.00	2.9100	Red_Deer_5yr_Chicago_2h C6STM180
GC1288	0.65	40.18	5.00	3.2900	Red_Deer_5yr_Chicago_2h CULV5170
GC1289	0.03	8.00	50.00	3.0200	Red_Deer_5yr_Chicago_2h B7STM175
GC129	0.05	8.00	50.00	3.8800	Red_Deer_5yr_Chicago_2h GCMH132
GC1290	0.03	8.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h B7STM175
GC1291	0.04	15.00	50.00	2.5400	Red_Deer_5yr_Chicago_2h B13STM216
GC1292	0.19	15.00	35.00	3.7200	Red_Deer_5yr_Chicago_2h CULV5170
GC1293	0.07	15.00	40.00	3.4100	Red_Deer_5yr_Chicago_2h B16STM672
GC1294	0.06	15.00	35.00	3.2200	Red_Deer_5yr_Chicago_2h C13STM219
GC1295	0.05	15.00	40.00	5.8400	Red_Deer_5yr_Chicago_2h C16STM1085
GC1296	0.06	15.00	40.00	2.8100	Red_Deer_5yr_Chicago_2h B16STM672
GC1297	0.06	15.00	35.00	3.2700	Red_Deer_5yr_Chicago_2h B8STM190
GC1298	0.06	15.00	35.00	3.1000	Red_Deer_5yr_Chicago_2h B7STM184
GC1299	0.05	15.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h B13STM216
GC13	1.77	15.00	70.00	7.3000	Red_Deer_5yr_Chicago_2h CULV5475_Inlet
GC130	0.06	15.00	35.00	6.0700	Red_Deer_5yr_Chicago_2h A13STM2272
GC1300	0.10	15.00	70.00	4.6500	Red_Deer_5yr_Chicago_2h B15STM197
GC1301	0.17	15.00	70.00	2.6100	Red_Deer_5yr_Chicago_2h C6STM180
GC1302	0.09	15.00	35.00	3.2900	Red_Deer_5yr_Chicago_2h B12STM220
GC1303	0.08	15.00	35.00	5.7300	Red_Deer_5yr_Chicago_2h C11STM234
GC1304	0.06	15.00	40.00	2.4300	Red_Deer_5yr_Chicago_2h B16STM672
GC1305	0.06	15.00	35.00	3.7600	Red_Deer_5yr_Chicago_2h C6STM180
GC1306	0.09	15.00	70.00	3.6100	Red_Deer_5yr_Chicago_2h B15STM197
GC1307	0.03	8.00	50.00	3.7700	Red_Deer_5yr_Chicago_2h B7STM177
GC1308	0.03	8.00	50.00	2.9300	Red_Deer_5yr_Chicago_2h B7STM177
GC1309	0.07	15.00	40.00	2.9700	Red_Deer_5yr_Chicago_2h B17STM673
GC131	1.27	55.00	35.00	3.0600	Red_Deer_5yr_Chicago_2h A16STM689
GC1310	0.06	15.00	35.00	2.7500	Red_Deer_5yr_Chicago_2h B7STM184
GC1311	0.06	15.00	35.00	3.1100	Red_Deer_5yr_Chicago_2h B8STM190
GC1312	0.17	15.00	35.00	4.2600	Red_Deer_5yr_Chicago_2h C11STM234
GC1313	0.07	15.00	35.00	6.3800	Red_Deer_5yr_Chicago_2h C11STM234
GC1314	0.06	15.00	40.00	2.4200	Red_Deer_5yr_Chicago_2h B17STM673
GC1315	0.05	15.00	40.00	6.3600	Red_Deer_5yr_Chicago_2h C16STM1085
GC1316	0.06	15.00	35.00	2.5200	Red_Deer_5yr_Chicago_2h C13STM219
GC1317	0.10	15.00	40.00	2.5200	Red_Deer_5yr_Chicago_2h B17STM673
GC1318	0.06	15.00	35.00	3.4300	Red_Deer_5yr_Chicago_2h C6STM180
GC1319	0.07	15.00	40.00	2.7000	Red_Deer_5yr_Chicago_2h B17STM673
GC132	1.34	55.00	35.00	3.1200	Red_Deer_5yr_Chicago_2h A16STM687
GC1320	0.07	15.00	35.00	6.1200	Red_Deer_5yr_Chicago_2h C11STM234
GC1321	0.09	15.00	35.00	6.4300	Red_Deer_5yr_Chicago_2h C11STM234
GC1322	0.08	15.00	35.00	5.3500	Red_Deer_5yr_Chicago_2h C11STM234
GC1323	0.08	15.00	35.00	6.0900	Red_Deer_5yr_Chicago_2h GCMH147
GC1324	0.08	15.00	35.00	5.8500	Red_Deer_5yr_Chicago_2h GCMH147
GC1325	0.06	15.00	40.00	2.9400	Red_Deer_5yr_Chicago_2h B17STM673
GC1326	0.07	15.00	40.00	2.4800	Red_Deer_5yr_Chicago_2h B17STM673
GC1327	0.09	15.00	40.00	5.4500	Red_Deer_5yr_Chicago_2h GCMH96
GC1328	0.09	15.00	35.00	5.2200	Red_Deer_5yr_Chicago_2h GCMH147
GC1329	0.03	8.00	50.00	3.4000	Red_Deer_5yr_Chicago_2h B7STM177
GC133	1.31	55.00	35.00	4.1400	Red_Deer_5yr_Chicago_2h A15STM691
GC1330	0.03	8.00	50.00	2.3500	Red_Deer_5yr_Chicago_2h B7STM177
GC1331	0.05	15.00	40.00	5.3400	Red_Deer_5yr_Chicago_2h C16STM1085
GC1332	0.40	15.00	70.00	2.7500	Red_Deer_5yr_Chicago_2h B8STM190
GC1333	0.10	15.00	35.00	4.3400	Red_Deer_5yr_Chicago_2h CULV5170
GC1334	0.06	15.00	35.00	3.9000	Red_Deer_5yr_Chicago_2h B7STM184
GC1335	0.41	18.19	80.00	2.3400	Red_Deer_5yr_Chicago_2h J67
GC1336	0.44	15.00	70.00	2.3400	Red_Deer_5yr_Chicago_2h B17STM1082
GC1337	0.06	10.00	50.00	3.9100	Red_Deer_5yr_Chicago_2h B15STM199
GC1338	0.06	15.00	35.00	2.4800	Red_Deer_5yr_Chicago_2h C13STM219
GC1339	0.07	15.00	35.00	2.7400	Red_Deer_5yr_Chicago_2h C13STM219
GC134	0.06	15.00	35.00	4.1600	Red_Deer_5yr_Chicago_2h A14STM32
GC1340	0.05	15.00	50.00	5.0000	Red_Deer_5yr_Chicago_2h B14STM214
GC1341	0.05	10.00	50.00	3.4100	Red_Deer_5yr_Chicago_2h B15STM199
GC1342	0.05	15.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h B14STM204
GC1343	0.06	15.00	35.00	3.3400	Red_Deer_5yr_Chicago_2h B8STM190
GC1344	0.05	15.00	50.00	3.1300	Red_Deer_5yr_Chicago_2h B14STM204
GC1345	0.05	15.00	50.00	3.8400	Red_Deer_5yr_Chicago_2h B14STM204
GC1346	0.05	15.00	50.00	3.5900	Red_Deer_5yr_Chicago_2h B14STM204
GC1347	0.05	15.00	50.00	3.6300	Red_Deer_5yr_Chicago_2h B14STM204
GC1348	0.04	10.00	50.00	3.6200	Red_Deer_5yr_Chicago_2h GCMH95

GC1349	0.04	10.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h GCMH95
GC135	0.04	10.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h GCMH1
GC1350	0.04	10.00	50.00	5.0100	Red_Deer_5yr_Chicago_2h GCMH95
GC1351	0.05	10.00	50.00	3.4400	Red_Deer_5yr_Chicago_2h B15STM199
GC1352	0.04	10.00	50.00	3.7300	Red_Deer_5yr_Chicago_2h GCMH95
GC1353	0.04	10.00	50.00	3.8300	Red_Deer_5yr_Chicago_2h GCMH95
GC1354	0.04	10.00	50.00	3.5400	Red_Deer_5yr_Chicago_2h GCMH95
GC1355	0.04	10.00	50.00	3.8500	Red_Deer_5yr_Chicago_2h GCMH95
GC1356	0.04	15.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h GCMH95
GC1357	0.04	15.00	50.00	3.9700	Red_Deer_5yr_Chicago_2h GCMH95
GC1358	0.04	15.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h GCMH95
GC1359	0.05	15.00	50.00	3.6300	Red_Deer_5yr_Chicago_2h B14STM204
GC136	0.51	35.85	5.00	8.4400	Red_Deer_5yr_Chicago_2h CULV5170
GC1360	0.05	10.00	50.00	2.7100	Red_Deer_5yr_Chicago_2h B15STM199
GC1361	0.04	15.00	50.00	4.5800	Red_Deer_5yr_Chicago_2h GCMH95
GC1362	0.04	10.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h GCMH95
GC1363	0.04	10.00	50.00	3.5300	Red_Deer_5yr_Chicago_2h B15STM199
GC1364	0.05	15.00	40.00	4.5400	Red_Deer_5yr_Chicago_2h C16STM1085
GC1365	0.13	15.00	70.00	2.5400	Red_Deer_5yr_Chicago_2h C17STM1090
GC1366	0.06	15.00	35.00	3.3300	Red_Deer_5yr_Chicago_2h B7STM184
GC1367	0.06	15.00	35.00	2.7200	Red_Deer_5yr_Chicago_2h B8STM190
GC1368	0.07	15.00	35.00	4.1200	Red_Deer_5yr_Chicago_2h B12STM220
GC1369	0.07	15.00	35.00	3.2200	Red_Deer_5yr_Chicago_2h C6STM180
GC137	3.81	95.09	15.00	4.2300	Red_Deer_5yr_Chicago_2h J19
GC1370	0.03	8.00	50.00	3.5200	Red_Deer_5yr_Chicago_2h B7STM177
GC1371	0.03	8.00	50.00	2.2300	Red_Deer_5yr_Chicago_2h B7STM177
GC1372	0.06	15.00	35.00	3.3300	Red_Deer_5yr_Chicago_2h C13STM219
GC1373	0.81	15.00	70.00	4.6400	Red_Deer_5yr_Chicago_2h CULV5170
GC1374	0.07	15.00	35.00	3.5400	Red_Deer_5yr_Chicago_2h C13STM219
GC1375	0.28	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h C13STM219
GC1376	0.09	15.00	70.00	3.8800	Red_Deer_5yr_Chicago_2h B15STM197
GC1377	0.07	15.00	35.00	3.5200	Red_Deer_5yr_Chicago_2h C6STM180
GC1378	0.06	15.00	40.00	3.3000	Red_Deer_5yr_Chicago_2h C16STM1085
GC1379	0.08	15.00	70.00	3.7100	Red_Deer_5yr_Chicago_2h B15STM197
GC138	0.04	8.00	50.00	3.8800	Red_Deer_5yr_Chicago_2h A7STM165
GC1380	0.23	15.00	35.00	4.9500	Red_Deer_5yr_Chicago_2h CULV5170
GC1381	0.06	15.00	35.00	2.7200	Red_Deer_5yr_Chicago_2h C13STM219
GC1382	0.06	15.00	35.00	3.1700	Red_Deer_5yr_Chicago_2h B7STM184
GC1383	0.03	8.00	50.00	3.7900	Red_Deer_5yr_Chicago_2h B7STM177
GC1384	0.03	8.00	50.00	2.7600	Red_Deer_5yr_Chicago_2h B7STM177
GC1385	0.10	15.00	35.00	4.2100	Red_Deer_5yr_Chicago_2h C11STM234
GC1386	0.19	15.00	70.00	2.4500	Red_Deer_5yr_Chicago_2h C16STM1085
GC1387	0.07	15.00	35.00	2.9600	Red_Deer_5yr_Chicago_2h C13STM219
GC1388	0.07	15.00	40.00	6.2800	Red_Deer_5yr_Chicago_2h GCMH39
GC1389	0.06	15.00	35.00	2.3000	Red_Deer_5yr_Chicago_2h B8STM190
GC139	0.06	15.00	35.00	3.9600	Red_Deer_5yr_Chicago_2h A5STM158
GC1390	0.07	15.00	35.00	2.3700	Red_Deer_5yr_Chicago_2h C13STM219
GC1391	0.13	15.00	70.00	3.1900	Red_Deer_5yr_Chicago_2h C14STM207
GC1392	0.07	15.00	35.00	3.3900	Red_Deer_5yr_Chicago_2h C12STM221
GC1393	0.06	15.00	35.00	3.4400	Red_Deer_5yr_Chicago_2h B7STM184
GC1394	0.06	15.00	35.00	2.6900	Red_Deer_5yr_Chicago_2h B8STM190
GC1395	0.06	15.00	35.00	3.6900	Red_Deer_5yr_Chicago_2h C16STM1085
GC1396	0.18	15.00	70.00	3.3800	Red_Deer_5yr_Chicago_2h C11STM234
GC1397	0.11	15.00	70.00	4.2600	Red_Deer_5yr_Chicago_2h GCMH147
GC1398	0.15	15.00	35.00	3.8000	Red_Deer_5yr_Chicago_2h CULV5170
GC1399	0.03	8.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h B7STM177
GC14	0.83	45.43	5.00	3.7400	Red_Deer_5yr_Chicago_2h GCMH88
GC140	0.05	8.00	50.00	3.3300	Red_Deer_5yr_Chicago_2h GCMH132
GC1400	0.05	15.00	70.00	3.2300	Red_Deer_5yr_Chicago_2h C14STM206
GC1401	0.06	15.00	35.00	3.2500	Red_Deer_5yr_Chicago_2h C16STM1085
GC1402	0.07	15.00	35.00	2.8000	Red_Deer_5yr_Chicago_2h C13STM219
GC1403	0.45	33.67	5.00	2.8900	Red_Deer_5yr_Chicago_2h C7STM182
GC1404	0.06	15.00	35.00	4.0200	Red_Deer_5yr_Chicago_2h C16STM1085
GC1405	0.07	15.00	35.00	4.5200	Red_Deer_5yr_Chicago_2h CULV5170
GC1406	0.08	15.00	35.00	3.8700	Red_Deer_5yr_Chicago_2h C6STM180
GC1407	0.06	15.00	35.00	3.8700	Red_Deer_5yr_Chicago_2h B7STM184
GC1408	0.06	15.00	35.00	4.2600	Red_Deer_5yr_Chicago_2h C16STM1085
GC1409	0.13	15.00	35.00	3.7600	Red_Deer_5yr_Chicago_2h C16STM1085
GC141	0.06	15.00	35.00	5.3700	Red_Deer_5yr_Chicago_2h A5STM161
GC1410	0.06	15.00	35.00	4.2000	Red_Deer_5yr_Chicago_2h C16STM1085
GC1411	0.09	15.00	70.00	3.4800	Red_Deer_5yr_Chicago_2h C17STM1073
GC1412	0.04	10.00	50.00	4.7700	Red_Deer_5yr_Chicago_2h C14STM207
GC1413	0.16	15.00	35.00	2.6800	Red_Deer_5yr_Chicago_2h CULV5170
GC1414	0.07	15.00	35.00	3.6000	Red_Deer_5yr_Chicago_2h C13STM219
GC1415	0.03	8.00	50.00	3.6200	Red_Deer_5yr_Chicago_2h B7STM177

GC1416	0.36	15.00	70.00	2.6100	Red_Deer_5yr_Chicago_2h B7STM184
GC1417	0.21	15.00	70.00	2.6900	Red_Deer_5yr_Chicago_2h C7STM178
GC1418	0.07	15.00	35.00	3.1300	Red_Deer_5yr_Chicago_2h C12STM221
GC1419	0.06	15.00	35.00	3.0100	Red_Deer_5yr_Chicago_2h C7STM185
GC142	0.07	15.00	35.00	3.3600	Red_Deer_5yr_Chicago_2h A5STM158
GC1420	0.06	15.00	35.00	2.3700	Red_Deer_5yr_Chicago_2h B8STM190
GC1421	0.08	15.00	40.00	4.9200	Red_Deer_5yr_Chicago_2h GCMH39
GC1422	0.06	15.00	35.00	3.2800	Red_Deer_5yr_Chicago_2h C6STM180
GC1423	0.06	15.00	35.00	2.8100	Red_Deer_5yr_Chicago_2h B8STM190
GC1424	0.10	15.00	70.00	3.2100	Red_Deer_5yr_Chicago_2h B15STM197
GC1425	0.07	15.00	35.00	3.5700	Red_Deer_5yr_Chicago_2h C12STM221
GC1426	0.05	15.00	40.00	4.8900	Red_Deer_5yr_Chicago_2h C16STM1085
GC1427	0.17	15.00	35.00	2.7000	Red_Deer_5yr_Chicago_2h CULV5170
GC1428	0.06	10.00	50.00	4.0500	Red_Deer_5yr_Chicago_2h C15STM200
GC1429	0.08	10.00	50.00	5.1000	Red_Deer_5yr_Chicago_2h C14STM210
GC143	0.07	15.00	35.00	3.3300	Red_Deer_5yr_Chicago_2h A13STM54
GC1430	0.10	15.00	35.00	2.3800	Red_Deer_5yr_Chicago_2h C13STM219
GC1431	0.06	15.00	40.00	4.3100	Red_Deer_5yr_Chicago_2h C16STM1085
GC1432	0.05	10.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h C15STM201
GC1433	0.03	8.00	50.00	2.4800	Red_Deer_5yr_Chicago_2h B7STM177
GC1434	0.04	10.00	50.00	4.0300	Red_Deer_5yr_Chicago_2h C14STM207
GC1435	0.07	10.00	50.00	6.5400	Red_Deer_5yr_Chicago_2h C15STM201
GC1436	0.05	10.00	50.00	3.9600	Red_Deer_5yr_Chicago_2h C14STM208
GC1437	0.13	15.00	70.00	3.2700	Red_Deer_5yr_Chicago_2h B15STM197
GC1438	0.45	15.00	70.00	2.9100	Red_Deer_5yr_Chicago_2h C16STM1085
GC1439	2.07	71.96	5.00	7.1500	Red_Deer_5yr_Chicago_2h GCMH73
GC144	0.08	15.00	35.00	5.0400	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC1440	0.04	10.00	50.00	3.6600	Red_Deer_5yr_Chicago_2h C15STM200
GC1441	2.34	15.00	70.00	4.7800	Red_Deer_5yr_Chicago_2h CULV5474_Outlet
GC1442	0.16	15.00	35.00	3.6800	Red_Deer_5yr_Chicago_2h CULV5170
GC1443	0.08	15.00	35.00	5.4400	Red_Deer_5yr_Chicago_2h C11STM234
GC1444	0.05	10.00	50.00	3.6000	Red_Deer_5yr_Chicago_2h C14STM208
GC1445	0.06	15.00	35.00	3.5200	Red_Deer_5yr_Chicago_2h C12STM221
GC1446	0.04	10.00	50.00	4.6300	Red_Deer_5yr_Chicago_2h C15STM201
GC1447	0.04	10.00	50.00	5.3700	Red_Deer_5yr_Chicago_2h C14STM208
GC1448	0.06	15.00	35.00	3.2000	Red_Deer_5yr_Chicago_2h C7STM185
GC1449	0.06	15.00	35.00	3.3900	Red_Deer_5yr_Chicago_2h C6STM180
GC145	0.07	15.00	35.00	3.0400	Red_Deer_5yr_Chicago_2h A12STM53
GC1450	0.04	10.00	50.00	3.5300	Red_Deer_5yr_Chicago_2h C14STM208
GC1451	0.04	10.00	50.00	3.8600	Red_Deer_5yr_Chicago_2h C15STM201
GC1452	0.06	10.00	50.00	4.0200	Red_Deer_5yr_Chicago_2h C15STM200
GC1453	0.04	10.00	50.00	5.2900	Red_Deer_5yr_Chicago_2h C15STM200
GC1454	0.42	15.00	70.00	2.6500	Red_Deer_5yr_Chicago_2h C12STM221
GC1455	0.04	10.00	50.00	3.9500	Red_Deer_5yr_Chicago_2h C15STM201
GC1456	0.06	15.00	40.00	3.8800	Red_Deer_5yr_Chicago_2h C16STM1085
GC1457	0.04	10.00	50.00	3.6100	Red_Deer_5yr_Chicago_2h C15STM200
GC1458	0.04	10.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h C15STM200
GC1459	0.19	15.00	35.00	2.7600	Red_Deer_5yr_Chicago_2h CULV5170
GC146	0.21	15.00	70.00	3.3400	Red_Deer_5yr_Chicago_2h A5STM160
GC1460	0.03	10.00	50.00	4.5100	Red_Deer_5yr_Chicago_2h C14STM210
GC1461	0.06	15.00	35.00	4.1400	Red_Deer_5yr_Chicago_2h GCMH147
GC1462	0.06	15.00	35.00	6.3800	Red_Deer_5yr_Chicago_2h GCMH147
GC1463	0.06	15.00	35.00	4.6300	Red_Deer_5yr_Chicago_2h GCMH147
GC1464	0.06	15.00	35.00	5.5000	Red_Deer_5yr_Chicago_2h C11STM234
GC1465	0.08	15.00	35.00	5.9900	Red_Deer_5yr_Chicago_2h C11STM234
GC1466	0.14	15.00	35.00	3.0100	Red_Deer_5yr_Chicago_2h C16STM1085
GC1467	0.06	15.00	35.00	3.5200	Red_Deer_5yr_Chicago_2h C11STM234
GC1468	0.06	15.00	35.00	3.1100	Red_Deer_5yr_Chicago_2h C12STM221
GC1469	0.10	15.00	70.00	3.1900	Red_Deer_5yr_Chicago_2h C17STM1074
GC147	0.04	8.00	50.00	3.8100	Red_Deer_5yr_Chicago_2h A7STM165
GC1470	0.07	15.00	35.00	4.7200	Red_Deer_5yr_Chicago_2h GCMH147
GC1471	0.07	15.00	35.00	3.5800	Red_Deer_5yr_Chicago_2h C12STM221
GC1472	0.08	15.00	35.00	3.2400	Red_Deer_5yr_Chicago_2h C13STM217
GC1473	0.06	15.00	35.00	4.4300	Red_Deer_5yr_Chicago_2h C11STM234
GC1474	0.06	15.00	35.00	3.3800	Red_Deer_5yr_Chicago_2h C7STM185
GC1475	0.06	15.00	35.00	2.9200	Red_Deer_5yr_Chicago_2h B8STM190
GC1476	0.10	15.00	70.00	3.3900	Red_Deer_5yr_Chicago_2h C17STM1074
GC1477	0.10	15.00	70.00	3.3300	Red_Deer_5yr_Chicago_2h C17STM1074
GC1478	0.10	15.00	70.00	3.0300	Red_Deer_5yr_Chicago_2h C17STM1074
GC1479	0.04	10.00	50.00	4.0100	Red_Deer_5yr_Chicago_2h C14STM207
GC148	0.06	15.00	35.00	3.5200	Red_Deer_5yr_Chicago_2h A13STM2274
GC1480	0.07	10.00	50.00	5.9900	Red_Deer_5yr_Chicago_2h C15STM201
GC1481	0.04	8.00	50.00	2.5300	Red_Deer_5yr_Chicago_2h B7STM177
GC1482	0.11	15.00	70.00	2.9400	Red_Deer_5yr_Chicago_2h B15STM197
GC1483	0.21	15.00	70.00	2.6700	Red_Deer_5yr_Chicago_2h C6STM180

GC1484	0.05	15.00	40.00	3.6200	Red_Deer_5yr_Chicago_2h C16STM1085
GC1485	0.06	15.00	35.00	3.4800	Red_Deer_5yr_Chicago_2h C6STM180
GC1486	0.15	15.00	35.00	3.1100	Red_Deer_5yr_Chicago_2h CULV5170
GC1487	0.06	15.00	35.00	3.0900	Red_Deer_5yr_Chicago_2h B8STM190
GC1488	0.07	15.00	35.00	6.3300	Red_Deer_5yr_Chicago_2h C11STM234
GC1489	0.10	15.00	70.00	3.2500	Red_Deer_5yr_Chicago_2h C17STM1074
GC149	0.06	15.00	35.00	3.2600	Red_Deer_5yr_Chicago_2h A13STM2274
GC1490	0.09	15.00	70.00	2.7900	Red_Deer_5yr_Chicago_2h GCMH34
GC1491	0.08	10.00	50.00	6.6900	Red_Deer_5yr_Chicago_2h C14STM210
GC1492	0.05	10.00	50.00	3.9000	Red_Deer_5yr_Chicago_2h C15STM200
GC1493	0.06	15.00	35.00	4.2200	Red_Deer_5yr_Chicago_2h C7STM185
GC1494	0.14	15.00	35.00	3.5100	Red_Deer_5yr_Chicago_2h CULV5170
GC1495	0.05	15.00	35.00	2.6700	Red_Deer_5yr_Chicago_2h C16STM1085
GC1496	0.04	10.00	50.00	3.9700	Red_Deer_5yr_Chicago_2h C14STM208
GC1497	0.08	13.82	5.00	2.4600	Red_Deer_5yr_Chicago_2h CULV5158_Inlet
GC1498	0.07	15.00	35.00	2.7800	Red_Deer_5yr_Chicago_2h C13STM217
GC1499	0.08	15.00	35.00	3.1500	Red_Deer_5yr_Chicago_2h C16STM1088
GC15	1.06	51.39	5.00	4.3100	Red_Deer_5yr_Chicago_2h CULV5475_Inlet
GC150	0.48	15.00	70.00	3.1100	Red_Deer_5yr_Chicago_2h A15STM3
GC1500	0.14	15.00	35.00	3.1300	Red_Deer_5yr_Chicago_2h CULV5170
GC1501	0.07	15.00	35.00	2.9400	Red_Deer_5yr_Chicago_2h C12STM221
GC1502	0.11	15.00	35.00	3.6900	Red_Deer_5yr_Chicago_2h C12STM221
GC1503	0.06	15.00	35.00	3.2100	Red_Deer_5yr_Chicago_2h C7STM185
GC1504	0.14	15.00	35.00	2.8400	Red_Deer_5yr_Chicago_2h CULV5170
GC1505	0.06	15.00	35.00	2.9400	Red_Deer_5yr_Chicago_2h B8STM190
GC1506	0.09	10.00	50.00	6.6300	Red_Deer_5yr_Chicago_2h C15STM202
GC1507	0.14	15.00	35.00	4.9700	Red_Deer_5yr_Chicago_2h CULV5170
GC1508	0.14	15.00	35.00	6.1200	Red_Deer_5yr_Chicago_2h CULV5170
GC1509	0.08	15.00	70.00	2.4900	Red_Deer_5yr_Chicago_2h C15STM201
GC151	0.06	15.00	35.00	3.3900	Red_Deer_5yr_Chicago_2h A15STM2
GC1510	0.04	10.00	50.00	3.8700	Red_Deer_5yr_Chicago_2h C15STM198
GC1511	0.06	15.00	35.00	2.5700	Red_Deer_5yr_Chicago_2h B8STM190
GC1512	0.04	10.00	50.00	3.7200	Red_Deer_5yr_Chicago_2h C14STM208
GC1513	0.07	15.00	35.00	6.2200	Red_Deer_5yr_Chicago_2h C16STM1085
GC1514	0.11	15.00	70.00	2.9500	Red_Deer_5yr_Chicago_2h C14STM210
GC1515	0.14	15.00	35.00	3.5500	Red_Deer_5yr_Chicago_2h CULV5170
GC1516	0.06	15.00	35.00	4.2100	Red_Deer_5yr_Chicago_2h C7STM185
GC1517	0.43	15.00	70.00	2.9400	Red_Deer_5yr_Chicago_2h C15STM200
GC1518	0.06	15.00	35.00	2.7200	Red_Deer_5yr_Chicago_2h C7STM179
GC1519	0.04	10.00	50.00	7.0200	Red_Deer_5yr_Chicago_2h C14STM210
GC152	0.06	15.00	35.00	3.5900	Red_Deer_5yr_Chicago_2h A15STM2
GC1520	0.07	15.00	40.00	4.6200	Red_Deer_5yr_Chicago_2h GCMH34
GC1521	0.08	15.00	35.00	2.7500	Red_Deer_5yr_Chicago_2h C13STM217
GC1522	0.07	15.00	35.00	3.1000	Red_Deer_5yr_Chicago_2h C16STM1085
GC1523	0.06	15.00	40.00	4.4800	Red_Deer_5yr_Chicago_2h GCMH34
GC1524	0.18	15.00	35.00	3.2200	Red_Deer_5yr_Chicago_2h CULV5170
GC1525	0.21	15.00	70.00	2.9500	Red_Deer_5yr_Chicago_2h C14STM213
GC1526	0.06	15.00	40.00	4.1300	Red_Deer_5yr_Chicago_2h C16STM1086
GC1527	0.48	15.00	70.00	2.5900	Red_Deer_5yr_Chicago_2h C17STM1075
GC1528	0.25	15.00	70.00	3.1900	Red_Deer_5yr_Chicago_2h C15STM196
GC1529	0.07	15.00	35.00	3.0600	Red_Deer_5yr_Chicago_2h C16STM1088
GC153	0.07	15.00	35.00	3.3100	Red_Deer_5yr_Chicago_2h A15STM2
GC1530	0.06	15.00	40.00	5.1400	Red_Deer_5yr_Chicago_2h GCMH34
GC1531	0.04	10.00	50.00	2.7400	Red_Deer_5yr_Chicago_2h C17STM1075
GC1532	0.07	15.00	35.00	3.1500	Red_Deer_5yr_Chicago_2h C12STM221
GC1533	0.06	15.00	40.00	4.2100	Red_Deer_5yr_Chicago_2h C16STM1086
GC1534	0.04	10.00	50.00	3.3400	Red_Deer_5yr_Chicago_2h C15STM198
GC1535	0.04	10.00	50.00	4.0200	Red_Deer_5yr_Chicago_2h C14STM208
GC1536	0.06	15.00	35.00	2.5200	Red_Deer_5yr_Chicago_2h C7STM185
GC1538	0.12	15.00	35.00	3.6400	Red_Deer_5yr_Chicago_2h C11STM236
GC1539	0.09	15.00	35.00	4.9200	Red_Deer_5yr_Chicago_2h C11STM236
GC154	0.07	15.00	35.00	5.2000	Red_Deer_5yr_Chicago_2h A15STM2
GC1540	1.56	15.00	70.00	5.9900	Red_Deer_5yr_Chicago_2h GCMH153
GC1541	0.08	15.00	40.00	4.4700	Red_Deer_5yr_Chicago_2h GCMH34
GC1543	0.05	15.00	40.00	3.6800	Red_Deer_5yr_Chicago_2h C16STM1086
GC1544	0.06	15.00	35.00	3.1700	Red_Deer_5yr_Chicago_2h C7STM179
GC1545	0.07	15.00	35.00	3.5200	Red_Deer_5yr_Chicago_2h B8STM190
GC1546	0.04	10.00	50.00	6.5400	Red_Deer_5yr_Chicago_2h C14STM210
GC1547	0.07	15.00	35.00	4.6300	Red_Deer_5yr_Chicago_2h C11STM236
GC1548	0.07	15.00	35.00	6.5200	Red_Deer_5yr_Chicago_2h GCMH147
GC1549	0.07	15.00	35.00	5.3900	Red_Deer_5yr_Chicago_2h GCMH147
GC155	0.06	15.00	50.00	3.4800	Red_Deer_5yr_Chicago_2h A5STM160
GC1550	0.07	15.00	35.00	6.0500	Red_Deer_5yr_Chicago_2h GCMH147
GC1551	0.07	15.00	35.00	5.9600	Red_Deer_5yr_Chicago_2h GCMH147
GC1552	0.14	15.00	35.00	2.5100	Red_Deer_5yr_Chicago_2h CULV5170

GC1553	0.06	15.00	35.00	5.5500	Red_Deer_5yr_Chicago_2h C16STM1085
GC1554	0.08	15.00	35.00	2.9800	Red_Deer_5yr_Chicago_2h C12STM221
GC1555	0.06	15.00	35.00	3.3100	Red_Deer_5yr_Chicago_2h B8STM190
GC1556	0.08	15.00	35.00	2.9200	Red_Deer_5yr_Chicago_2h C13STM217
GC1557	0.07	15.00	35.00	4.4800	Red_Deer_5yr_Chicago_2h GCMH147
GC1558	0.13	15.00	35.00	3.9600	Red_Deer_5yr_Chicago_2h CULV5170
GC1559	0.06	15.00	35.00	3.7000	Red_Deer_5yr_Chicago_2h C7STM185
GC156	0.06	15.00	50.00	4.5200	Red_Deer_5yr_Chicago_2h A5STM160
GC1560	0.05	15.00	40.00	3.6500	Red_Deer_5yr_Chicago_2h C16STM1086
GC1561	0.14	15.00	70.00	2.8000	Red_Deer_5yr_Chicago_2h C16STM1088
GC1562	0.04	10.00	50.00	4.0800	Red_Deer_5yr_Chicago_2h C15STM198
GC1563	0.04	10.00	50.00	2.3800	Red_Deer_5yr_Chicago_2h C17STM1075
GC1564	0.04	10.00	50.00	4.2300	Red_Deer_5yr_Chicago_2h C14STM208
GC1565	0.06	15.00	35.00	2.9700	Red_Deer_5yr_Chicago_2h C16STM1085
GC1567	0.07	15.00	35.00	3.5300	Red_Deer_5yr_Chicago_2h C16STM1088
GC1568	0.06	15.00	35.00	2.7500	Red_Deer_5yr_Chicago_2h C7STM179
GC1569	0.09	15.00	35.00	3.0500	Red_Deer_5yr_Chicago_2h GCMH71
GC157	0.07	15.00	35.00	3.9200	Red_Deer_5yr_Chicago_2h A15STM2
GC1570	0.05	15.00	40.00	3.7100	Red_Deer_5yr_Chicago_2h C16STM1086
GC1571	0.08	15.00	35.00	3.2800	Red_Deer_5yr_Chicago_2h C12STM221
GC1572	0.04	10.00	50.00	5.9200	Red_Deer_5yr_Chicago_2h C14STM210
GC1573	0.16	15.00	35.00	4.4600	Red_Deer_5yr_Chicago_2h C11STM236
GC1574	0.07	15.00	35.00	3.1600	Red_Deer_5yr_Chicago_2h C12STM221
GC1575	0.08	15.00	40.00	4.8300	Red_Deer_5yr_Chicago_2h C16STM1086
GC1576	0.04	10.00	50.00	3.8600	Red_Deer_5yr_Chicago_2h C15STM201
GC1577	0.05	10.00	50.00	3.1100	Red_Deer_5yr_Chicago_2h C15STM201
GC1578	0.04	10.00	50.00	3.7300	Red_Deer_5yr_Chicago_2h C15STM201
GC1579	0.04	10.00	50.00	3.6000	Red_Deer_5yr_Chicago_2h C15STM200
GC158	0.06	8.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h GCMH1
GC1580	0.05	10.00	50.00	4.0600	Red_Deer_5yr_Chicago_2h C15STM200
GC1581	0.04	10.00	50.00	3.4200	Red_Deer_5yr_Chicago_2h C15STM200
GC1582	1.29	15.00	70.00	6.0200	Red_Deer_5yr_Chicago_2h GCMH56
GC1583	0.04	10.00	50.00	3.7600	Red_Deer_5yr_Chicago_2h C15STM200
GC1584	0.05	10.00	50.00	2.6900	Red_Deer_5yr_Chicago_2h C15STM201
GC1585	0.16	19.71	5.00	4.5300	Red_Deer_5yr_Chicago_2h C14STM208
GC1586	0.07	10.00	50.00	2.8400	Red_Deer_5yr_Chicago_2h C15STM200
GC1587	0.10	15.00	70.00	4.0600	Red_Deer_5yr_Chicago_2h C17STM1074
GC1588	0.04	10.00	50.00	4.5500	Red_Deer_5yr_Chicago_2h C14STM208
GC1589	0.04	10.00	50.00	3.8100	Red_Deer_5yr_Chicago_2h C15STM198
GC159	0.04	10.00	50.00	3.2300	Red_Deer_5yr_Chicago_2h GCMH1
GC1590	0.08	10.00	50.00	5.7000	Red_Deer_5yr_Chicago_2h C15STM202
GC1591	0.26	15.00	70.00	3.0000	Red_Deer_5yr_Chicago_2h C14STM208
GC1592	0.71	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h C13STM217
GC1593	0.14	15.00	35.00	3.3000	Red_Deer_5yr_Chicago_2h CULV5170
GC1594	0.07	15.00	35.00	2.9800	Red_Deer_5yr_Chicago_2h C8STM188
GC1595	0.04	10.00	50.00	2.4000	Red_Deer_5yr_Chicago_2h C17STM1075
GC1596	0.08	15.00	35.00	3.1900	Red_Deer_5yr_Chicago_2h C13STM217
GC1597	0.06	15.00	35.00	5.7500	Red_Deer_5yr_Chicago_2h C16STM1085
GC1598	0.06	15.00	35.00	3.1700	Red_Deer_5yr_Chicago_2h C12STM221
GC1599	0.15	15.00	70.00	3.6000	Red_Deer_5yr_Chicago_2h C14STM206
GC16	2.40	15.00	70.00	6.4000	Red_Deer_5yr_Chicago_2h CULV5484
GC160	0.09	15.00	35.00	3.5200	Red_Deer_5yr_Chicago_2h A14STM32
GC1600	0.08	15.00	35.00	2.8900	Red_Deer_5yr_Chicago_2h C12STM221
GC1601	0.10	15.00	70.00	2.9400	Red_Deer_5yr_Chicago_2h C17STM1074
GC1602	0.10	15.00	70.00	3.1300	Red_Deer_5yr_Chicago_2h C17STM1074
GC1603	0.06	15.00	35.00	2.5400	Red_Deer_5yr_Chicago_2h C8STM188
GC1604	0.13	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h C17STM1075
GC1605	0.06	15.00	35.00	3.1900	Red_Deer_5yr_Chicago_2h C7STM179
GC1606	0.10	15.00	70.00	2.6100	Red_Deer_5yr_Chicago_2h C17STM1074
GC1607	0.18	15.00	50.00	3.5200	Red_Deer_5yr_Chicago_2h C18STM1077
GC1608	0.06	15.00	35.00	3.1100	Red_Deer_5yr_Chicago_2h C16STM1085
GC1609	0.04	10.00	50.00	5.6700	Red_Deer_5yr_Chicago_2h C14STM210
GC161	0.06	15.00	35.00	2.7400	Red_Deer_5yr_Chicago_2h A13STM2274
GC1610	0.07	15.00	35.00	2.9800	Red_Deer_5yr_Chicago_2h C16STM1088
GC1611	0.07	15.00	35.00	5.8000	Red_Deer_5yr_Chicago_2h B8STM190
GC1612	0.13	15.00	35.00	3.5300	Red_Deer_5yr_Chicago_2h CULV5170
GC1613	0.33	15.00	70.00	4.5300	Red_Deer_5yr_Chicago_2h CULV5170
GC1614	0.06	15.00	35.00	2.9000	Red_Deer_5yr_Chicago_2h C8STM188
GC1615	0.04	10.00	50.00	3.9800	Red_Deer_5yr_Chicago_2h C14STM208
GC1616	0.04	10.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h C15STM198
GC1617	0.04	10.00	50.00	5.4800	Red_Deer_5yr_Chicago_2h C15STM202
GC1618	0.05	10.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h C17STM1075
GC1619	0.14	15.00	35.00	3.4900	Red_Deer_5yr_Chicago_2h CULV5170
GC162	0.04	8.00	50.00	3.1900	Red_Deer_5yr_Chicago_2h A7STM165
GC1620	0.07	15.00	35.00	3.1200	Red_Deer_5yr_Chicago_2h C12STM222

GC1621	0.05	15.00	40.00	4.6200	Red_Deer_5yr_Chicago_2h C16STM1086
GC1622	0.15	15.00	70.00	4.4700	Red_Deer_5yr_Chicago_2h GCMH147
GC1623	0.11	15.00	70.00	3.8400	Red_Deer_5yr_Chicago_2h C11STM236
GC1624	0.04	10.00	50.00	5.0900	Red_Deer_5yr_Chicago_2h C14STM210
GC1625	0.07	15.00	35.00	3.9400	Red_Deer_5yr_Chicago_2h C13STM217
GC1626	0.06	15.00	35.00	5.1000	Red_Deer_5yr_Chicago_2h C16STM1087
GC1628	0.06	15.00	35.00	2.6400	Red_Deer_5yr_Chicago_2h C7STM187
GC1629	0.07	15.00	35.00	3.0800	Red_Deer_5yr_Chicago_2h C7STM179
GC163	0.07	15.00	35.00	6.5100	Red_Deer_5yr_Chicago_2h A13STM2272
GC1630	0.68	41.16	5.00	7.2900	Red_Deer_5yr_Chicago_2h CULV5170
GC1631	0.07	15.00	35.00	2.7000	Red_Deer_5yr_Chicago_2h C16STM1088
GC1632	0.06	15.00	35.00	3.8200	Red_Deer_5yr_Chicago_2h C16STM1085
GC1633	0.04	10.00	50.00	3.8100	Red_Deer_5yr_Chicago_2h C14STM208
GC1634	0.06	15.00	40.00	3.2800	Red_Deer_5yr_Chicago_2h C16STM1086
GC1635	0.12	15.00	35.00	4.4500	Red_Deer_5yr_Chicago_2h CULV5170
GC1636	0.04	10.00	50.00	5.9200	Red_Deer_5yr_Chicago_2h C15STM202
GC1637	0.04	10.00	50.00	2.9800	Red_Deer_5yr_Chicago_2h C15STM198
GC1638	0.06	15.00	35.00	2.9300	Red_Deer_5yr_Chicago_2h C7STM187
GC1639	0.14	15.00	70.00	2.5500	Red_Deer_5yr_Chicago_2h C8STM188
GC164	0.07	15.00	35.00	5.5600	Red_Deer_5yr_Chicago_2h A15STM2
GC1640	0.52	36.04	5.00	3.5700	Red_Deer_5yr_Chicago_2h CULV5170
GC1641	0.13	15.00	35.00	4.4300	Red_Deer_5yr_Chicago_2h CULV5170
GC1642	0.65	15.00	70.00	4.3600	Red_Deer_5yr_Chicago_2h CULV5170
GC1643	0.44	15.00	70.00	2.6100	Red_Deer_5yr_Chicago_2h C7STM182
GC1644	0.05	10.00	50.00	3.1400	Red_Deer_5yr_Chicago_2h C17STM1075
GC1645	0.34	15.00	70.00	2.6400	Red_Deer_5yr_Chicago_2h C16STM1086
GC1646	0.04	10.00	50.00	5.1700	Red_Deer_5yr_Chicago_2h C14STM212
GC1647	0.07	15.00	40.00	2.7600	Red_Deer_5yr_Chicago_2h C16STM1087
GC1648	0.07	15.00	35.00	3.1300	Red_Deer_5yr_Chicago_2h C7STM187
GC1649	0.05	15.00	40.00	3.9300	Red_Deer_5yr_Chicago_2h C16STM1086
GC165	0.06	8.00	50.00	3.8800	Red_Deer_5yr_Chicago_2h GCMH132
GC1650	0.09	15.00	35.00	5.3900	Red_Deer_5yr_Chicago_2h C8STM188
GC1651	0.06	15.00	35.00	3.3800	Red_Deer_5yr_Chicago_2h C12STM222
GC1652	0.04	10.00	50.00	3.7400	Red_Deer_5yr_Chicago_2h C14STM208
GC1653	0.07	15.00	35.00	5.9100	Red_Deer_5yr_Chicago_2h C11STM236
GC1654	0.07	15.00	35.00	4.3100	Red_Deer_5yr_Chicago_2h C13STM217
GC1655	0.08	10.00	50.00	6.1000	Red_Deer_5yr_Chicago_2h C15STM202
GC1656	0.04	10.00	50.00	4.0100	Red_Deer_5yr_Chicago_2h C15STM198
GC1657	0.06	15.00	35.00	5.4200	Red_Deer_5yr_Chicago_2h C16STM1087
GC1658	0.13	15.00	35.00	4.4000	Red_Deer_5yr_Chicago_2h CULV5170
GC1659	0.06	15.00	40.00	3.2600	Red_Deer_5yr_Chicago_2h C16STM1086
GC166	0.06	15.00	35.00	6.5800	Red_Deer_5yr_Chicago_2h A15STM3
GC1660	0.07	15.00	35.00	2.9100	Red_Deer_5yr_Chicago_2h C16STM1088
GC1661	0.06	15.00	35.00	3.7600	Red_Deer_5yr_Chicago_2h C16STM1087
GC1662	0.05	10.00	50.00	5.2600	Red_Deer_5yr_Chicago_2h C14STM212
GC1663	0.05	10.00	50.00	5.1800	Red_Deer_5yr_Chicago_2h C14STM212
GC1664	0.05	10.00	50.00	4.7600	Red_Deer_5yr_Chicago_2h C14STM212
GC1665	0.04	10.00	50.00	5.5300	Red_Deer_5yr_Chicago_2h C14STM212
GC1666	0.10	15.00	35.00	4.6500	Red_Deer_5yr_Chicago_2h C12STM223
GC1667	0.05	10.00	50.00	3.5600	Red_Deer_5yr_Chicago_2h C17STM1080
GC1668	0.07	15.00	35.00	4.0400	Red_Deer_5yr_Chicago_2h C12STM223
GC1669	0.04	10.00	50.00	3.5000	Red_Deer_5yr_Chicago_2h C15STM202
GC167	0.33	15.00	70.00	2.6500	Red_Deer_5yr_Chicago_2h A14STM32
GC1670	0.04	10.00	50.00	3.2400	Red_Deer_5yr_Chicago_2h C15STM202
GC1671	0.06	10.00	50.00	2.4100	Red_Deer_5yr_Chicago_2h C17STM1075
GC1672	0.04	10.00	50.00	4.1300	Red_Deer_5yr_Chicago_2h C15STM202
GC1673	0.04	10.00	50.00	3.7300	Red_Deer_5yr_Chicago_2h C15STM202
GC1674	0.07	15.00	35.00	4.2400	Red_Deer_5yr_Chicago_2h C12STM223
GC1675	0.04	10.00	50.00	3.5400	Red_Deer_5yr_Chicago_2h C15STM202
GC1676	0.04	10.00	50.00	4.3200	Red_Deer_5yr_Chicago_2h C15STM202
GC1677	0.04	10.00	50.00	3.7700	Red_Deer_5yr_Chicago_2h C15STM202
GC1678	0.04	10.00	50.00	3.1800	Red_Deer_5yr_Chicago_2h C15STM202
GC1679	0.04	10.00	50.00	3.7700	Red_Deer_5yr_Chicago_2h C15STM202
GC168	0.10	15.00	35.00	4.9300	Red_Deer_5yr_Chicago_2h A12STM53
GC1680	0.04	10.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h C15STM202
GC1681	0.07	15.00	35.00	5.2100	Red_Deer_5yr_Chicago_2h C12STM223
GC1682	0.09	15.00	35.00	4.6900	Red_Deer_5yr_Chicago_2h C12STM223
GC1683	0.04	10.00	50.00	4.2900	Red_Deer_5yr_Chicago_2h C17STM1080
GC1684	0.04	10.00	50.00	4.2700	Red_Deer_5yr_Chicago_2h C14STM208
GC1685	0.08	14.49	5.00	4.1600	Red_Deer_5yr_Chicago_2h CULV5158_Inlet
GC1686	0.04	10.00	50.00	4.2000	Red_Deer_5yr_Chicago_2h C17STM1080
GC1687	0.07	15.00	35.00	5.7900	Red_Deer_5yr_Chicago_2h C8STM188
GC1688	0.08	10.00	50.00	3.0900	Red_Deer_5yr_Chicago_2h C17STM1080
GC169	2.01	70.86	5.00	6.6600	Red_Deer_5yr_Chicago_2h CULV5485
GC1690	0.05	15.00	40.00	4.5100	Red_Deer_5yr_Chicago_2h C16STM1086

GC1691	0.07	15.00	35.00	5.0200	Red_Deer_5yr_Chicago_2h	GCMH147
GC1692	0.07	15.00	35.00	4.1100	Red_Deer_5yr_Chicago_2h	GCMH147
GC1693	0.07	15.00	35.00	5.2100	Red_Deer_5yr_Chicago_2h	GCMH147
GC1694	0.07	15.00	35.00	5.9300	Red_Deer_5yr_Chicago_2h	GCMH147
GC1695	0.04	10.00	50.00	3.4300	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1696	0.04	10.00	50.00	3.4800	Red_Deer_5yr_Chicago_2h	C15STM198
GC1697	0.07	15.00	35.00	4.2600	Red_Deer_5yr_Chicago_2h	C11STM236
GC1698	0.04	10.00	50.00	2.8300	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1699	0.19	15.00	70.00	3.2800	Red_Deer_5yr_Chicago_2h	C14STM212
GC17	2.87	15.00	70.00	7.4100	Red_Deer_5yr_Chicago_2h	CULV5474_Outlet
GC170	0.09	15.00	35.00	2.7800	Red_Deer_5yr_Chicago_2h	A13STM2275
GC1700	0.04	10.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1701	0.04	10.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1702	0.04	10.00	50.00	2.9900	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1703	0.04	10.00	50.00	3.6100	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1704	0.04	10.00	50.00	3.4900	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1705	0.04	10.00	50.00	3.6700	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1706	0.05	15.00	40.00	2.7800	Red_Deer_5yr_Chicago_2h	C16STM1087
GC1707	0.13	15.00	35.00	5.9800	Red_Deer_5yr_Chicago_2h	CULV5170
GC1708	0.08	15.00	35.00	4.5100	Red_Deer_5yr_Chicago_2h	GCMH147
GC1709	0.04	10.00	50.00	3.8500	Red_Deer_5yr_Chicago_2h	C17STM1080
GC171	0.05	15.00	35.00	5.7600	Red_Deer_5yr_Chicago_2h	A5STM161
GC1710	0.07	15.00	35.00	3.4500	Red_Deer_5yr_Chicago_2h	C12STM222
GC1711	0.38	15.00	70.00	2.6800	Red_Deer_5yr_Chicago_2h	C15STM202
GC1712	0.06	15.00	40.00	2.9300	Red_Deer_5yr_Chicago_2h	C16STM1086
GC1713	0.06	15.00	35.00	4.9500	Red_Deer_5yr_Chicago_2h	C8STM188
GC1714	0.06	15.00	35.00	3.7600	Red_Deer_5yr_Chicago_2h	C11STM236
GC1715	0.08	15.00	35.00	5.2200	Red_Deer_5yr_Chicago_2h	C11STM236
GC1716	0.04	10.00	50.00	5.9900	Red_Deer_5yr_Chicago_2h	C14STM212
GC1717	8.19	86.16	30.00	3.6600	Red_Deer_5yr_Chicago_2h	C13STM218
GC1718	0.09	15.00	35.00	4.3600	Red_Deer_5yr_Chicago_2h	C13STM217
GC1719	0.06	15.00	35.00	4.0200	Red_Deer_5yr_Chicago_2h	C16STM1087
GC172	0.06	15.00	35.00	3.9300	Red_Deer_5yr_Chicago_2h	A14STM32
GC1720	0.08	15.00	35.00	6.2500	Red_Deer_5yr_Chicago_2h	C16STM1087
GC1721	0.04	10.00	50.00	4.3600	Red_Deer_5yr_Chicago_2h	C14STM208
GC1722	0.07	15.00	35.00	2.8500	Red_Deer_5yr_Chicago_2h	C16STM1088
GC1723	0.06	15.00	35.00	3.8000	Red_Deer_5yr_Chicago_2h	C8STM188
GC1724	0.04	10.00	50.00	5.6200	Red_Deer_5yr_Chicago_2h	C15STM202
GC1725	0.07	10.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1726	0.04	10.00	50.00	3.5900	Red_Deer_5yr_Chicago_2h	C15STM198
GC1727	0.13	15.00	35.00	3.7600	Red_Deer_5yr_Chicago_2h	CULV5170
GC1728	0.05	15.00	40.00	3.7900	Red_Deer_5yr_Chicago_2h	C16STM1086
GC1729	0.06	15.00	35.00	3.8000	Red_Deer_5yr_Chicago_2h	C8STM188
GC173	0.06	15.00	50.00	3.7200	Red_Deer_5yr_Chicago_2h	GCMH5
GC1730	0.05	15.00	40.00	2.7000	Red_Deer_5yr_Chicago_2h	C16STM1087
GC1731	0.04	10.00	50.00	5.9100	Red_Deer_5yr_Chicago_2h	C14STM212
GC1732	0.39	15.00	70.00	3.2800	Red_Deer_5yr_Chicago_2h	C12STM223
GC1733	0.08	10.00	50.00	3.8300	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1734	0.06	15.00	40.00	2.9500	Red_Deer_5yr_Chicago_2h	C16STM1086
GC1735	0.04	10.00	50.00	4.4700	Red_Deer_5yr_Chicago_2h	C14STM208
GC1736	0.06	15.00	35.00	4.0200	Red_Deer_5yr_Chicago_2h	C7STM187
GC1737	0.06	15.00	35.00	4.2000	Red_Deer_5yr_Chicago_2h	C16STM1087
GC1738	0.38	15.00	70.00	2.5600	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1739	0.42	15.00	70.00	2.9700	Red_Deer_5yr_Chicago_2h	C16STM1087
GC174	0.05	8.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h	GCMH132
GC1740	0.14	15.00	35.00	4.5000	Red_Deer_5yr_Chicago_2h	CULV5170
GC1741	0.05	10.00	50.00	6.4700	Red_Deer_5yr_Chicago_2h	C15STM202
GC1742	0.09	15.00	35.00	3.5500	Red_Deer_5yr_Chicago_2h	C12STM222
GC1743	0.05	10.00	50.00	3.4700	Red_Deer_5yr_Chicago_2h	C15STM198
GC1744	0.06	15.00	35.00	4.5300	Red_Deer_5yr_Chicago_2h	C7STM187
GC1745	0.05	15.00	40.00	2.6000	Red_Deer_5yr_Chicago_2h	C16STM1089
GC1746	0.09	10.00	50.00	3.1300	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1747	0.06	15.00	35.00	4.7500	Red_Deer_5yr_Chicago_2h	C7STM187
GC1748	0.07	10.00	50.00	5.7100	Red_Deer_5yr_Chicago_2h	C14STM212
GC1749	0.06	15.00	40.00	4.4200	Red_Deer_5yr_Chicago_2h	C16STM1086
GC175	0.04	8.00	50.00	3.6600	Red_Deer_5yr_Chicago_2h	A7STM165
GC1750	0.06	15.00	35.00	4.8600	Red_Deer_5yr_Chicago_2h	C7STM187
GC1751	0.08	10.00	50.00	3.3000	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1752	0.07	10.00	50.00	4.7500	Red_Deer_5yr_Chicago_2h	C14STM208
GC1753	0.09	15.00	40.00	3.2400	Red_Deer_5yr_Chicago_2h	C16STM1086
GC1754	0.07	15.00	35.00	6.3400	Red_Deer_5yr_Chicago_2h	J16
GC1755	0.07	10.00	50.00	5.8600	Red_Deer_5yr_Chicago_2h	C15STM202
GC1756	0.07	15.00	35.00	4.3800	Red_Deer_5yr_Chicago_2h	J16
GC1757	0.07	15.00	35.00	5.2700	Red_Deer_5yr_Chicago_2h	J16
GC1758	0.07	15.00	35.00	5.5000	Red_Deer_5yr_Chicago_2h	J16

GC1759	0.13	15.00	35.00	3.5500	Red_Deer_5yr_Chicago_2h	CULV5170
GC176	0.07	15.00	35.00	4.1500	Red_Deer_5yr_Chicago_2h	A14STM32
GC1760	0.07	15.00	35.00	6.5800	Red_Deer_5yr_Chicago_2h	C13STM217
GC1761	0.06	10.00	50.00	3.5400	Red_Deer_5yr_Chicago_2h	C15STM198
GC1762	0.07	15.00	35.00	5.9900	Red_Deer_5yr_Chicago_2h	J16
GC1763	0.14	15.00	35.00	3.2100	Red_Deer_5yr_Chicago_2h	CULV5170
GC1764	0.08	15.00	35.00	4.6700	Red_Deer_5yr_Chicago_2h	C16STM1087
GC1765	0.14	15.00	35.00	3.6700	Red_Deer_5yr_Chicago_2h	CULV5170
GC1766	0.14	15.00	35.00	2.8500	Red_Deer_5yr_Chicago_2h	CULV5170
GC1767	0.14	15.00	35.00	3.7200	Red_Deer_5yr_Chicago_2h	CULV5170
GC1768	0.14	15.00	35.00	3.8400	Red_Deer_5yr_Chicago_2h	CULV5170
GC1769	0.05	15.00	40.00	2.8900	Red_Deer_5yr_Chicago_2h	C16STM1089
GC177	0.17	20.56	5.00	5.8600	Red_Deer_5yr_Chicago_2h	GCMH56
GC1770	0.17	15.00	35.00	4.1800	Red_Deer_5yr_Chicago_2h	CULV5170
GC1771	0.08	15.00	35.00	4.1200	Red_Deer_5yr_Chicago_2h	C11STM258
GC1772	0.15	15.00	35.00	3.8200	Red_Deer_5yr_Chicago_2h	CULV5170
GC1773	0.16	15.00	35.00	2.7600	Red_Deer_5yr_Chicago_2h	CULV5170
GC1774	0.09	15.00	35.00	3.7700	Red_Deer_5yr_Chicago_2h	C11STM258
GC1775	0.32	28.28	5.00	4.5200	Red_Deer_5yr_Chicago_2h	CULV5170
GC1776	0.12	15.00	35.00	4.6500	Red_Deer_5yr_Chicago_2h	CULV5170
GC1777	0.16	15.00	35.00	4.0600	Red_Deer_5yr_Chicago_2h	C11STM258
GC1778	0.14	15.00	35.00	4.1200	Red_Deer_5yr_Chicago_2h	C12STM222
GC1779	0.09	15.00	35.00	7.1700	Red_Deer_5yr_Chicago_2h	C12STM223
GC178	0.34	15.00	70.00	3.4300	Red_Deer_5yr_Chicago_2h	A5STM161
GC1780	0.13	15.00	35.00	5.1000	Red_Deer_5yr_Chicago_2h	C11STM258
GC1781	0.07	15.00	35.00	7.3700	Red_Deer_5yr_Chicago_2h	C12STM223
GC1782	0.07	15.00	35.00	7.4400	Red_Deer_5yr_Chicago_2h	C12STM223
GC1783	0.07	15.00	35.00	8.0200	Red_Deer_5yr_Chicago_2h	C12STM223
GC1784	0.07	15.00	35.00	7.2400	Red_Deer_5yr_Chicago_2h	C12STM223
GC1785	0.04	10.00	50.00	3.7500	Red_Deer_5yr_Chicago_2h	C14STM212
GC1786	0.04	10.00	50.00	4.0100	Red_Deer_5yr_Chicago_2h	C14STM212
GC1787	0.07	15.00	35.00	6.8100	Red_Deer_5yr_Chicago_2h	C12STM223
GC1788	0.19	10.00	50.00	3.1500	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1789	0.04	10.00	50.00	4.0200	Red_Deer_5yr_Chicago_2h	C14STM212
GC179	0.06	15.00	35.00	3.3100	Red_Deer_5yr_Chicago_2h	A13STM2274
GC1790	0.04	10.00	50.00	3.4200	Red_Deer_5yr_Chicago_2h	C15STM202
GC1791	0.04	10.00	50.00	3.5400	Red_Deer_5yr_Chicago_2h	C15STM202
GC1792	0.04	10.00	50.00	4.8000	Red_Deer_5yr_Chicago_2h	C15STM202
GC1793	0.04	10.00	50.00	3.7900	Red_Deer_5yr_Chicago_2h	C15STM202
GC1794	0.05	10.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h	C15STM202
GC1795	0.04	10.00	50.00	4.5000	Red_Deer_5yr_Chicago_2h	C14STM212
GC1796	0.05	10.00	50.00	2.9800	Red_Deer_5yr_Chicago_2h	C15STM202
GC1797	0.05	10.00	50.00	3.4000	Red_Deer_5yr_Chicago_2h	C15STM202
GC1798	0.05	10.00	50.00	3.8600	Red_Deer_5yr_Chicago_2h	C15STM202
GC1799	0.10	10.00	50.00	6.3400	Red_Deer_5yr_Chicago_2h	C14STM212
GC18	2.10	15.00	70.00	7.1500	Red_Deer_5yr_Chicago_2h	GCMH148
GC180	0.14	15.00	35.00	4.0600	Red_Deer_5yr_Chicago_2h	A12STM50
GC1800	0.04	10.00	50.00	3.3000	Red_Deer_5yr_Chicago_2h	C15STM202
GC1801	0.05	10.00	50.00	4.3000	Red_Deer_5yr_Chicago_2h	C15STM202
GC1802	0.06	15.00	35.00	2.9200	Red_Deer_5yr_Chicago_2h	C16STM1087
GC1803	0.06	15.00	35.00	3.5400	Red_Deer_5yr_Chicago_2h	C16STM1087
GC1804	0.07	15.00	35.00	4.1500	Red_Deer_5yr_Chicago_2h	C16STM1087
GC1805	0.09	10.00	50.00	4.6600	Red_Deer_5yr_Chicago_2h	C14STM212
GC1806	0.07	15.00	35.00	3.4100	Red_Deer_5yr_Chicago_2h	C16STM1087
GC1807	0.07	15.00	35.00	4.2100	Red_Deer_5yr_Chicago_2h	C16STM1087
GC1808	0.11	15.00	40.00	3.3100	Red_Deer_5yr_Chicago_2h	C16STM1086
GC1809	0.12	15.00	35.00	3.3900	Red_Deer_5yr_Chicago_2h	CULV5170
GC181	0.08	15.00	35.00	3.7100	Red_Deer_5yr_Chicago_2h	A14STM32
GC1810	0.09	10.00	50.00	5.1500	Red_Deer_5yr_Chicago_2h	C15STM202
GC1811	0.11	10.00	50.00	2.9300	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1812	0.05	10.00	50.00	4.0100	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1813	0.05	10.00	50.00	4.1400	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1814	0.04	10.00	50.00	3.7200	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1815	0.05	10.00	50.00	3.5600	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1816	0.05	10.00	50.00	3.6900	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1817	0.07	10.00	50.00	4.6400	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1818	0.05	10.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1819	0.09	15.00	35.00	6.7600	Red_Deer_5yr_Chicago_2h	C12STM223
GC182	0.28	15.00	70.00	2.7800	Red_Deer_5yr_Chicago_2h	GCMH5
GC1820	0.05	10.00	50.00	3.5500	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1821	0.09	10.00	50.00	3.2600	Red_Deer_5yr_Chicago_2h	C15STM202
GC1822	0.04	10.00	50.00	3.6300	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1823	0.06	10.00	50.00	3.7100	Red_Deer_5yr_Chicago_2h	C14STM212
GC1824	0.06	10.00	50.00	3.4500	Red_Deer_5yr_Chicago_2h	C14STM212
GC1825	0.07	10.00	50.00	4.6000	Red_Deer_5yr_Chicago_2h	C15STM202

GC1826	0.04	10.00	50.00	4.1000	Red_Deer_5yr_Chicago_2h C17STM1080
GC1827	0.07	10.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h C15STM202
GC1828	0.12	15.00	40.00	3.2100	Red_Deer_5yr_Chicago_2h C16STM1086
GC1829	0.04	10.00	50.00	3.7800	Red_Deer_5yr_Chicago_2h C17STM1080
GC183	0.04	8.00	50.00	3.5100	Red_Deer_5yr_Chicago_2h A7STM165
GC1830	0.05	15.00	40.00	2.8400	Red_Deer_5yr_Chicago_2h C16STM1089
GC1831	0.12	15.00	35.00	3.9000	Red_Deer_5yr_Chicago_2h C16STM1087
GC1833	0.10	10.00	50.00	2.9000	Red_Deer_5yr_Chicago_2h C17STM1080
GC1834	0.09	15.00	40.00	3.2900	Red_Deer_5yr_Chicago_2h C16STM1086
GC1835	0.05	10.00	50.00	3.9700	Red_Deer_5yr_Chicago_2h C17STM1080
GC1836	0.07	10.00	50.00	4.1000	Red_Deer_5yr_Chicago_2h C17STM1080
GC1838	0.08	15.00	35.00	5.2900	Red_Deer_5yr_Chicago_2h C13STM217
GC1839	0.05	15.00	40.00	2.8100	Red_Deer_5yr_Chicago_2h C16STM1089
GC184	0.05	10.00	50.00	4.2400	Red_Deer_5yr_Chicago_2h GCMH1
GC1842	0.09	15.00	70.00	5.4200	Red_Deer_5yr_Chicago_2h C14STM211
GC1843	0.18	15.00	70.00	4.9600	Red_Deer_5yr_Chicago_2h J16
GC1845_1	1.65	128.36	5.00	8.2500	Red_Deer_5yr_Chicago_2h J427
GC1845_3	2.46	183.97	5.00	10.4300	Red_Deer_5yr_Chicago_2h J83
GC1845_4	0.93	183.97	5.00	10.4300	Red_Deer_5yr_Chicago_2h J16
GC1846	0.13	15.00	35.00	4.1000	Red_Deer_5yr_Chicago_2h CULV5171
GC1847	0.08	15.00	50.00	6.5600	Red_Deer_5yr_Chicago_2h D14STM243
GC1848	0.13	15.00	50.00	4.4900	Red_Deer_5yr_Chicago_2h C12STM256
GC1849	0.08	15.00	50.00	4.3700	Red_Deer_5yr_Chicago_2h D14STM243
GC185	0.06	8.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h GCMH1
GC1850	0.56	15.00	70.00	3.9500	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1851	0.03	15.00	50.00	4.1300	Red_Deer_5yr_Chicago_2h C12STM256
GC1852	0.03	15.00	50.00	3.6100	Red_Deer_5yr_Chicago_2h C12STM256
GC1853	0.03	15.00	50.00	4.9700	Red_Deer_5yr_Chicago_2h C12STM256
GC1854	0.03	15.00	50.00	3.4100	Red_Deer_5yr_Chicago_2h C12STM256
GC1855	0.03	15.00	50.00	4.9600	Red_Deer_5yr_Chicago_2h C12STM253
GC1856	0.03	15.00	50.00	7.7300	Red_Deer_5yr_Chicago_2h C12STM253
GC1857	0.04	15.00	50.00	4.4100	Red_Deer_5yr_Chicago_2h C12STM253
GC1858	0.04	15.00	50.00	7.5800	Red_Deer_5yr_Chicago_2h C12STM253
GC1859	0.04	15.00	50.00	4.7900	Red_Deer_5yr_Chicago_2h C12STM253
GC186	0.06	15.00	35.00	5.3500	Red_Deer_5yr_Chicago_2h A5STM161
GC1860	0.08	15.00	35.00	5.7400	Red_Deer_5yr_Chicago_2h C13STM252
GC1861	0.04	15.00	50.00	3.9300	Red_Deer_5yr_Chicago_2h C12STM253
GC1862	0.08	15.00	35.00	4.4700	Red_Deer_5yr_Chicago_2h C12STM253
GC1863	0.07	15.00	35.00	6.4000	Red_Deer_5yr_Chicago_2h C13STM252
GC1864	0.09	15.00	35.00	5.6400	Red_Deer_5yr_Chicago_2h J16
GC1865	0.07	15.00	35.00	4.7400	Red_Deer_5yr_Chicago_2h C13STM252
GC1866	0.05	15.00	50.00	4.9100	Red_Deer_5yr_Chicago_2h D14STM243
GC1867	0.05	15.00	50.00	5.0600	Red_Deer_5yr_Chicago_2h D14STM243
GC1868	0.08	15.00	35.00	5.9300	Red_Deer_5yr_Chicago_2h C13STM252
GC1869	0.06	15.00	50.00	4.1500	Red_Deer_5yr_Chicago_2h D14STM243
GC187	0.07	15.00	35.00	3.8400	Red_Deer_5yr_Chicago_2h A5STM158
GC1870	0.06	15.00	50.00	4.0800	Red_Deer_5yr_Chicago_2h D14STM243
GC1871	0.06	15.00	50.00	5.2500	Red_Deer_5yr_Chicago_2h D14STM243
GC1872	0.06	15.00	50.00	4.3300	Red_Deer_5yr_Chicago_2h D14STM243
GC1873	0.06	15.00	50.00	4.1100	Red_Deer_5yr_Chicago_2h D14STM243
GC1874	0.06	15.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h D14STM243
GC1875	0.88	65.00	35.00	4.5500	Red_Deer_5yr_Chicago_2h GCMH40
GC1876	0.11	15.00	50.00	5.9400	Red_Deer_5yr_Chicago_2h D14STM243
GC1877	0.31	15.00	70.00	3.9700	Red_Deer_5yr_Chicago_2h C11STM258
GC1878	0.07	15.00	35.00	5.2800	Red_Deer_5yr_Chicago_2h D13STM251
GC1879	0.49	40.21	30.00	2.8000	Red_Deer_5yr_Chicago_2h CULV5171
GC188	0.50	15.00	70.00	3.5300	Red_Deer_5yr_Chicago_2h A15STM691
GC1880	0.09	15.00	50.00	4.8600	Red_Deer_5yr_Chicago_2h D14STM245
GC1881	0.15	15.00	35.00	6.1400	Red_Deer_5yr_Chicago_2h J16
GC1882	0.07	15.00	35.00	5.1300	Red_Deer_5yr_Chicago_2h D13STM251
GC1883	0.06	15.00	35.00	3.2700	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1884	0.05	15.00	35.00	3.8600	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1885	0.05	15.00	35.00	3.2400	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1886	0.05	15.00	35.00	3.8600	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1887	0.05	15.00	35.00	3.6300	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1888	0.04	15.00	35.00	3.1300	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1889	0.04	15.00	35.00	4.0000	Red_Deer_5yr_Chicago_2h Marina_Bay
GC189	0.07	15.00	50.00	3.2600	Red_Deer_5yr_Chicago_2h A5STM160
GC1890	0.04	15.00	35.00	3.8700	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1891	0.04	15.00	35.00	3.7100	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1892	0.04	15.00	35.00	3.8800	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1893	0.09	15.00	35.00	4.9700	Red_Deer_5yr_Chicago_2h CULV5171
GC1894	0.05	15.00	35.00	3.9400	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1895	0.08	15.00	35.00	5.0200	Red_Deer_5yr_Chicago_2h J16
GC1896	0.07	15.00	35.00	5.4300	Red_Deer_5yr_Chicago_2h D13STM251

GC1897	0.05	15.00	35.00	3.6600	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1898	0.05	15.00	35.00	3.7300	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1899	2.01	141.70	20.00	6.0900	Red_Deer_5yr_Chicago_2h GCMH80
GC19	3.02	15.00	70.00	7.2200	Red_Deer_5yr_Chicago_2h A14STM26
GC190	0.06	15.00	50.00	4.1600	Red_Deer_5yr_Chicago_2h A5STM160
GC1900	0.05	15.00	35.00	4.0300	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1901	0.07	15.00	50.00	5.7300	Red_Deer_5yr_Chicago_2h D14STM243
GC1902	0.21	15.00	70.00	4.2800	Red_Deer_5yr_Chicago_2h C12STM253
GC1903	0.21	15.00	70.00	2.7800	Red_Deer_5yr_Chicago_2h GCMH41
GC1904	0.06	15.00	35.00	3.4400	Red_Deer_5yr_Chicago_2h CULV5171
GC1905	0.10	15.00	70.00	3.1300	Red_Deer_5yr_Chicago_2h GCMH110
GC1906	0.05	15.00	50.00	5.0400	Red_Deer_5yr_Chicago_2h D14STM245
GC1907	0.07	15.00	35.00	3.1700	Red_Deer_5yr_Chicago_2h D13STM251
GC1908	0.05	15.00	35.00	3.1700	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1909	0.27	15.00	70.00	4.1600	Red_Deer_5yr_Chicago_2h C13STM252
GC191	0.07	15.00	35.00	5.3900	Red_Deer_5yr_Chicago_2h A15STM2
GC1910	0.06	15.00	35.00	3.8700	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1911_1	2.33	88.42	30.00	4.1300	Red_Deer_5yr_Chicago_2h GCMH37
GC1911_2	1.61	58.42	30.00	4.1300	Red_Deer_5yr_Chicago_2h B17STM1071
GC1912	0.07	15.00	35.00	5.1000	Red_Deer_5yr_Chicago_2h C12STM256
GC1913	0.14	17.60	30.00	6.7500	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1914	0.06	15.00	35.00	3.4100	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1915	0.17	15.00	35.00	5.8700	Red_Deer_5yr_Chicago_2h J16
GC1916	0.16	15.00	35.00	6.3500	Red_Deer_5yr_Chicago_2h J16
GC1917	0.06	15.00	50.00	3.8600	Red_Deer_5yr_Chicago_2h D14STM243
GC1918	0.07	15.00	35.00	7.2300	Red_Deer_5yr_Chicago_2h C12STM253
GC1919	0.07	15.00	35.00	5.4700	Red_Deer_5yr_Chicago_2h C12STM253
GC192	0.05	8.00	50.00	3.2500	Red_Deer_5yr_Chicago_2h GCMH132
GC1920	0.07	15.00	35.00	4.7000	Red_Deer_5yr_Chicago_2h C13STM252
GC1921	0.06	15.00	35.00	4.5500	Red_Deer_5yr_Chicago_2h C12STM256
GC1922	0.07	15.00	35.00	5.3400	Red_Deer_5yr_Chicago_2h D13STM251
GC1923	0.07	15.00	35.00	6.7000	Red_Deer_5yr_Chicago_2h C13STM252
GC1924	0.06	15.00	35.00	3.2500	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1925	0.05	15.00	50.00	6.0200	Red_Deer_5yr_Chicago_2h D14STM245
GC1926	0.25	55.00	35.00	5.9300	Red_Deer_5yr_Chicago_2h GCMH41
GC1927	0.06	15.00	35.00	3.7200	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1928	0.42	15.00	70.00	5.3800	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1929	0.06	15.00	50.00	3.7900	Red_Deer_5yr_Chicago_2h D14STM243
GC193	0.11	15.00	35.00	5.6700	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC1930	0.06	15.00	50.00	5.2900	Red_Deer_5yr_Chicago_2h D14STM243
GC1931	0.06	15.00	50.00	3.9700	Red_Deer_5yr_Chicago_2h D14STM243
GC1932	0.06	15.00	50.00	4.9100	Red_Deer_5yr_Chicago_2h D14STM243
GC1933	0.06	15.00	50.00	4.5600	Red_Deer_5yr_Chicago_2h D14STM243
GC1934	0.06	15.00	50.00	4.8500	Red_Deer_5yr_Chicago_2h D14STM243
GC1935	0.31	15.00	35.00	4.9900	Red_Deer_5yr_Chicago_2h GCMH40
GC1936	0.07	15.00	50.00	6.7500	Red_Deer_5yr_Chicago_2h D14STM243
GC1937	3.89	98.59	5.00	5.8900	Red_Deer_5yr_Chicago_2h GCMH130
GC1938	0.23	15.00	70.00	4.0200	Red_Deer_5yr_Chicago_2h D13STM251
GC1939	0.07	15.00	35.00	4.5500	Red_Deer_5yr_Chicago_2h C12STM256
GC194	0.04	8.00	50.00	3.9100	Red_Deer_5yr_Chicago_2h A7STM165
GC1940	0.04	15.00	35.00	4.8300	Red_Deer_5yr_Chicago_2h D13STM251
GC1941	0.05	15.00	50.00	3.6000	Red_Deer_5yr_Chicago_2h D14STM243
GC1942	0.06	15.00	35.00	3.6000	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1943	0.06	15.00	35.00	3.0200	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1944	0.05	15.00	50.00	6.8400	Red_Deer_5yr_Chicago_2h D14STM245
GC1945	0.07	15.00	35.00	3.9200	Red_Deer_5yr_Chicago_2h C12STM253
GC1946	0.07	15.00	35.00	4.0600	Red_Deer_5yr_Chicago_2h C12STM253
GC1947	0.07	15.00	35.00	5.1800	Red_Deer_5yr_Chicago_2h C12STM256
GC1948	0.04	15.00	35.00	4.7900	Red_Deer_5yr_Chicago_2h D13STM251
GC1949	0.07	15.00	35.00	3.9300	Red_Deer_5yr_Chicago_2h C13STM252
GC195	0.06	15.00	35.00	6.4600	Red_Deer_5yr_Chicago_2h A15STM3
GC1950	0.72	15.00	70.00	3.5600	Red_Deer_5yr_Chicago_2h J16
GC1951	0.06	15.00	35.00	3.7500	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1952	0.07	15.00	35.00	5.5200	Red_Deer_5yr_Chicago_2h C13STM252
GC1953	0.05	15.00	35.00	3.7600	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1954	0.61	15.00	70.00	3.8400	Red_Deer_5yr_Chicago_2h D14STM243
GC1955	0.43	15.00	70.00	2.8000	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1956	0.04	15.00	35.00	3.9200	Red_Deer_5yr_Chicago_2h D13STM251
GC1957	0.07	15.00	35.00	4.2800	Red_Deer_5yr_Chicago_2h C12STM256
GC1958	0.16	15.00	35.00	5.6200	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1959	0.18	15.00	35.00	5.1700	Red_Deer_5yr_Chicago_2h J16
GC196	0.06	15.00	35.00	2.6300	Red_Deer_5yr_Chicago_2h A13STM2275
GC1960	0.17	15.00	35.00	5.4200	Red_Deer_5yr_Chicago_2h J16
GC1961	0.07	15.00	35.00	6.6700	Red_Deer_5yr_Chicago_2h D13STM251
GC1962	0.06	15.00	35.00	3.0500	Red_Deer_5yr_Chicago_2h Marina_Bay

GC1963	0.05	15.00	50.00	4.8700	Red_Deer_5yr_Chicago_2h D14STM245
GC1964	0.05	15.00	35.00	4.0000	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1965	0.07	15.00	35.00	3.7200	Red_Deer_5yr_Chicago_2h C12STM253
GC1966	0.07	15.00	35.00	4.9300	Red_Deer_5yr_Chicago_2h C12STM253
GC1967	0.04	15.00	35.00	4.0400	Red_Deer_5yr_Chicago_2h D13STM251
GC1968	0.07	15.00	35.00	5.3800	Red_Deer_5yr_Chicago_2h C12STM256
GC1969	0.05	15.00	35.00	4.3700	Red_Deer_5yr_Chicago_2h Marina_Bay
GC197	0.04	8.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h GCMH132
GC1970	0.04	15.00	35.00	3.5200	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1971	0.08	15.00	50.00	5.3600	Red_Deer_5yr_Chicago_2h D14STM243
GC1972	0.08	15.00	35.00	5.0000	Red_Deer_5yr_Chicago_2h C13STM252
GC1973	0.06	15.00	50.00	4.5800	Red_Deer_5yr_Chicago_2h D14STM243
GC1974	0.06	15.00	50.00	4.3200	Red_Deer_5yr_Chicago_2h D14STM243
GC1975	0.06	15.00	50.00	5.2600	Red_Deer_5yr_Chicago_2h D14STM243
GC1976	0.06	15.00	50.00	5.6000	Red_Deer_5yr_Chicago_2h D14STM243
GC1977	0.06	15.00	50.00	4.9900	Red_Deer_5yr_Chicago_2h D14STM243
GC1978	0.06	15.00	50.00	5.0500	Red_Deer_5yr_Chicago_2h D14STM243
GC1979	0.06	15.00	50.00	5.7000	Red_Deer_5yr_Chicago_2h D14STM243
GC198	0.05	15.00	35.00	5.8600	Red_Deer_5yr_Chicago_2h A5STM161
GC1980	0.07	15.00	50.00	4.6200	Red_Deer_5yr_Chicago_2h D14STM243
GC1981	13.12	362.25	20.00	3.6800	Red_Deer_5yr_Chicago_2h J81
GC1982	0.04	15.00	35.00	5.8800	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1983	0.05	15.00	35.00	4.5800	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1984	0.12	15.00	35.00	5.5900	Red_Deer_5yr_Chicago_2h C13STM252
GC1985	0.04	15.00	35.00	3.1400	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1986	0.07	15.00	35.00	4.7000	Red_Deer_5yr_Chicago_2h C12STM256
GC1987	0.05	15.00	50.00	4.4800	Red_Deer_5yr_Chicago_2h D14STM245
GC1988	0.07	15.00	35.00	8.0400	Red_Deer_5yr_Chicago_2h D13STM251
GC1989	0.09	15.00	35.00	6.0000	Red_Deer_5yr_Chicago_2h C13STM252
GC199	0.45	15.00	70.00	3.4500	Red_Deer_5yr_Chicago_2h A7STM166
GC1990	0.35	29.48	5.00	7.7200	Red_Deer_5yr_Chicago_2h C12STM253
GC1991	0.03	15.00	35.00	5.7400	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1992	0.04	15.00	35.00	2.6600	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1993	0.05	15.00	35.00	3.8600	Red_Deer_5yr_Chicago_2h Marina_Bay
GC1994	0.07	15.00	35.00	4.1200	Red_Deer_5yr_Chicago_2h C12STM253
GC1995	0.07	15.00	35.00	5.5100	Red_Deer_5yr_Chicago_2h C12STM253
GC1996	0.07	15.00	35.00	5.5800	Red_Deer_5yr_Chicago_2h C12STM256
GC1997	0.20	16.71	65.00	4.6900	Red_Deer_5yr_Chicago_2h CULV5158_Inlet
GC1998	0.07	15.00	35.00	4.0100	Red_Deer_5yr_Chicago_2h D13STM250
GC1999	0.03	15.00	35.00	5.6000	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2	9.19	151.57	5.00	4.8800	Red_Deer_5yr_Chicago_2h Waterford_Station_Pond2
GC20	0.06	8.00	50.00	4.9600	Red_Deer_5yr_Chicago_2h A7STM165
GC200	0.04	8.00	50.00	3.5600	Red_Deer_5yr_Chicago_2h A7STM165
GC2000	0.26	15.00	70.00	3.7900	Red_Deer_5yr_Chicago_2h D14STM245
GC2001	0.04	15.00	35.00	2.8900	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2002	0.05	15.00	35.00	3.6400	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2003	0.05	15.00	50.00	4.9200	Red_Deer_5yr_Chicago_2h D14STM245
GC2004	0.07	15.00	35.00	8.2000	Red_Deer_5yr_Chicago_2h D13STM251
GC2005	0.18	15.00	35.00	5.2800	Red_Deer_5yr_Chicago_2h J16
GC2006	0.19	15.00	35.00	5.1900	Red_Deer_5yr_Chicago_2h J16
GC2007	0.08	15.00	50.00	5.5300	Red_Deer_5yr_Chicago_2h D14STM243
GC2008	0.06	15.00	35.00	5.5500	Red_Deer_5yr_Chicago_2h C12STM256
GC2009	0.04	15.00	35.00	4.3900	Red_Deer_5yr_Chicago_2h Marina_Bay
GC201	0.07	15.00	35.00	3.6200	Red_Deer_5yr_Chicago_2h A14STM27
GC2010	0.03	15.00	35.00	5.2700	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2011	0.24	29.16	30.00	6.4400	Red_Deer_5yr_Chicago_2h D13STM251
GC2012	0.04	15.00	35.00	2.8700	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2013	0.05	15.00	35.00	5.3000	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2014	0.06	15.00	35.00	3.4300	Red_Deer_5yr_Chicago_2h D13STM250
GC2015	0.07	15.00	35.00	5.1700	Red_Deer_5yr_Chicago_2h C12STM253
GC2016	0.24	24.19	5.00	8.5900	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2017	0.07	15.00	35.00	5.4600	Red_Deer_5yr_Chicago_2h C12STM253
GC2018	0.03	15.00	35.00	5.1100	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2019	0.07	15.00	35.00	5.1500	Red_Deer_5yr_Chicago_2h C12STM256
GC202	0.07	15.00	35.00	3.4700	Red_Deer_5yr_Chicago_2h A14STM32
GC2020	6.64	110.00	35.00	4.6300	Red_Deer_5yr_Chicago_2h GCMH110
GC2021	0.05	15.00	35.00	3.5200	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2022	0.07	15.00	35.00	9.5100	Red_Deer_5yr_Chicago_2h D13STM250
GC2023	0.05	15.00	50.00	4.7600	Red_Deer_5yr_Chicago_2h D14STM245
GC2024	0.06	15.00	35.00	3.1900	Red_Deer_5yr_Chicago_2h D13STM250
GC2025	0.31	15.00	70.00	3.1700	Red_Deer_5yr_Chicago_2h GCMH99
GC2026	0.03	15.00	35.00	4.8800	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2027	0.07	15.00	35.00	4.7800	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2028	0.07	15.00	35.00	5.1700	Red_Deer_5yr_Chicago_2h C12STM253

GC2029	0.06	15.00	35.00	4.4100	Red_Deer_5yr_Chicago_2h C12STM256
GC203	0.08	15.00	35.00	6.3400	Red_Deer_5yr_Chicago_2h A12STM50
GC2030	0.07	15.00	35.00	4.7500	Red_Deer_5yr_Chicago_2h C12STM253
GC2031	0.06	15.00	35.00	3.7300	Red_Deer_5yr_Chicago_2h D14STM244
GC2032	0.07	15.00	35.00	4.9300	Red_Deer_5yr_Chicago_2h C12STM253
GC2033	0.07	15.00	35.00	3.5900	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2034	0.09	15.00	50.00	3.7100	Red_Deer_5yr_Chicago_2h D14STM243
GC2035	1.47	81.06	30.00	6.7200	Red_Deer_5yr_Chicago_2h Beacon_Hill
GC2036	0.03	15.00	35.00	4.7800	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2037	0.06	15.00	50.00	3.5800	Red_Deer_5yr_Chicago_2h D14STM243
GC2038	0.06	15.00	35.00	5.5500	Red_Deer_5yr_Chicago_2h C12STM253
GC2039	0.06	15.00	35.00	4.3400	Red_Deer_5yr_Chicago_2h D14STM244
GC204	0.06	8.00	50.00	3.6700	Red_Deer_5yr_Chicago_2h GCMH1
GC2040	0.07	15.00	35.00	5.3200	Red_Deer_5yr_Chicago_2h C12STM253
GC2041	0.07	15.00	35.00	5.2000	Red_Deer_5yr_Chicago_2h C12STM253
GC2042	0.07	15.00	35.00	4.8400	Red_Deer_5yr_Chicago_2h C12STM256
GC2043	0.53	55.00	35.00	5.6900	Red_Deer_5yr_Chicago_2h GCMH43
GC2044	0.05	15.00	50.00	3.7800	Red_Deer_5yr_Chicago_2h D14STM245
GC2045	0.05	15.00	50.00	4.2500	Red_Deer_5yr_Chicago_2h D14STM243
GC2046	0.05	15.00	50.00	4.6700	Red_Deer_5yr_Chicago_2h D14STM243
GC2047	0.06	15.00	50.00	4.0600	Red_Deer_5yr_Chicago_2h D14STM243
GC2048	0.05	15.00	50.00	4.6200	Red_Deer_5yr_Chicago_2h D14STM243
GC2049	0.05	15.00	50.00	4.4700	Red_Deer_5yr_Chicago_2h D14STM243
GC205	0.05	10.00	50.00	3.8100	Red_Deer_5yr_Chicago_2h GCMH1
GC2050	0.05	15.00	50.00	3.8600	Red_Deer_5yr_Chicago_2h D14STM243
GC2051	0.05	15.00	50.00	4.1700	Red_Deer_5yr_Chicago_2h D14STM243
GC2052	0.06	15.00	50.00	4.2600	Red_Deer_5yr_Chicago_2h D14STM243
GC2053	0.03	15.00	35.00	4.9800	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2054	0.09	15.00	35.00	6.3500	Red_Deer_5yr_Chicago_2h D13STM250
GC2055	0.07	15.00	35.00	2.9300	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2056	0.07	15.00	35.00	5.2700	Red_Deer_5yr_Chicago_2h C12STM253
GC2057	0.06	15.00	35.00	4.3300	Red_Deer_5yr_Chicago_2h D14STM244
GC2058	0.06	15.00	35.00	3.1000	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2059	0.03	15.00	35.00	4.2000	Red_Deer_5yr_Chicago_2h Marina_Bay
GC206	0.36	15.00	70.00	2.9300	Red_Deer_5yr_Chicago_2h A13STM2272
GC2060	0.07	15.00	35.00	4.0200	Red_Deer_5yr_Chicago_2h D12STM255
GC2061	0.27	15.00	35.00	5.1800	Red_Deer_5yr_Chicago_2h J16
GC2062	0.06	15.00	35.00	3.6700	Red_Deer_5yr_Chicago_2h D14STM244
GC2063	0.56	15.00	70.00	3.9600	Red_Deer_5yr_Chicago_2h C12STM253
GC2064	0.35	15.00	70.00	3.9300	Red_Deer_5yr_Chicago_2h D13STM250
GC2065	0.06	15.00	35.00	6.1400	Red_Deer_5yr_Chicago_2h C12STM253
GC2066	0.05	15.00	50.00	4.0100	Red_Deer_5yr_Chicago_2h D14STM245
GC2067	0.06	15.00	35.00	2.7900	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2068	0.09	15.00	35.00	6.4300	Red_Deer_5yr_Chicago_2h D13STM250
GC2069	0.05	15.00	35.00	4.5900	Red_Deer_5yr_Chicago_2h Marina_Bay
GC207	117.53	84.09	5.00	6.0100	Red_Deer_5yr_Chicago_2h GCMH4
GC2070	0.36	39.88	30.00	5.5500	Red_Deer_5yr_Chicago_2h J16
GC2071	0.05	15.00	35.00	4.3300	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2072	0.05	15.00	35.00	5.1100	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2073	0.06	15.00	35.00	3.9900	Red_Deer_5yr_Chicago_2h D14STM244
GC2074	0.06	15.00	35.00	6.1800	Red_Deer_5yr_Chicago_2h C12STM253
GC2075	0.07	15.00	35.00	3.9000	Red_Deer_5yr_Chicago_2h D14STM244
GC2076	0.06	15.00	35.00	2.8500	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2077	0.08	15.00	35.00	5.8000	Red_Deer_5yr_Chicago_2h D13STM250
GC2078	0.04	15.00	35.00	3.6600	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2079	0.06	15.00	35.00	4.2300	Red_Deer_5yr_Chicago_2h D12STM255
GC208	0.08	15.00	35.00	4.6200	Red_Deer_5yr_Chicago_2h A13STM44
GC2080	0.08	15.00	35.00	3.4000	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2081	0.05	15.00	35.00	4.3400	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2082	0.07	15.00	35.00	3.7700	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2083	0.05	15.00	50.00	4.1300	Red_Deer_5yr_Chicago_2h D14STM245
GC2084	0.06	15.00	35.00	3.4200	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2085	0.07	15.00	35.00	3.8000	Red_Deer_5yr_Chicago_2h D14STM247
GC2086	0.06	15.00	35.00	3.6100	Red_Deer_5yr_Chicago_2h D14STM247
GC2087	0.07	15.00	35.00	9.6700	Red_Deer_5yr_Chicago_2h D14STM244
GC2088	0.04	15.00	35.00	3.6300	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2089	0.08	15.00	35.00	5.3500	Red_Deer_5yr_Chicago_2h D14STM244
GC209	0.07	15.00	35.00	5.9300	Red_Deer_5yr_Chicago_2h A13STM2272
GC2090	0.06	15.00	35.00	4.2500	Red_Deer_5yr_Chicago_2h D14STM247
GC2091	0.04	15.00	50.00	3.2500	Red_Deer_5yr_Chicago_2h D14STM245
GC2092	0.06	15.00	35.00	4.4700	Red_Deer_5yr_Chicago_2h D14STM247
GC2093	0.06	15.00	35.00	3.8600	Red_Deer_5yr_Chicago_2h D14STM245
GC2094	0.04	15.00	50.00	4.0100	Red_Deer_5yr_Chicago_2h D14STM245
GC2095	0.04	15.00	50.00	3.1500	Red_Deer_5yr_Chicago_2h D14STM245
GC2096	0.04	15.00	50.00	3.0600	Red_Deer_5yr_Chicago_2h D14STM245

GC2097	0.04	15.00	50.00	4.4500	Red_Deer_5yr_Chicago_2h D14STM245
GC2098	0.06	15.00	35.00	3.4100	Red_Deer_5yr_Chicago_2h D14STM247
GC2099	0.04	15.00	50.00	5.6000	Red_Deer_5yr_Chicago_2h D14STM245
GC21	0.05	8.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h A7STM165
GC210	0.06	15.00	35.00	3.1300	Red_Deer_5yr_Chicago_2h GCMH77
GC2100	0.04	15.00	35.00	4.0900	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2101	0.08	15.00	35.00	5.0700	Red_Deer_5yr_Chicago_2h C12STM253
GC2102	0.07	15.00	35.00	5.1700	Red_Deer_5yr_Chicago_2h C12STM253
GC2103	0.07	15.00	35.00	5.6500	Red_Deer_5yr_Chicago_2h D12STM255
GC2104	0.07	15.00	35.00	5.5500	Red_Deer_5yr_Chicago_2h D12STM255
GC2105	0.08	15.00	35.00	6.7600	Red_Deer_5yr_Chicago_2h D12STM255
GC2106	0.07	15.00	35.00	4.3900	Red_Deer_5yr_Chicago_2h D12STM255
GC2107	0.07	15.00	35.00	5.4600	Red_Deer_5yr_Chicago_2h D12STM255
GC2108	0.07	15.00	35.00	4.7100	Red_Deer_5yr_Chicago_2h C12STM253
GC2109	0.07	15.00	35.00	6.2000	Red_Deer_5yr_Chicago_2h C12STM253
GC211	0.14	15.00	35.00	2.5600	Red_Deer_5yr_Chicago_2h A12STM50
GC2110	0.07	15.00	35.00	6.3000	Red_Deer_5yr_Chicago_2h C12STM253
GC2111	0.07	15.00	35.00	4.6400	Red_Deer_5yr_Chicago_2h D14STM244
GC2112	0.08	15.00	35.00	5.1700	Red_Deer_5yr_Chicago_2h D12STM255
GC2113	0.07	15.00	35.00	8.4400	Red_Deer_5yr_Chicago_2h D14STM244
GC2114	0.05	15.00	35.00	4.9400	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2115	0.06	15.00	35.00	4.6100	Red_Deer_5yr_Chicago_2h D12STM255
GC2116	0.06	15.00	50.00	3.8600	Red_Deer_5yr_Chicago_2h D14STM245
GC2117	0.93	36.07	65.00	6.1400	Red_Deer_5yr_Chicago_2h J81
GC2118	0.04	15.00	35.00	4.4100	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2119	0.06	15.00	35.00	3.5900	Red_Deer_5yr_Chicago_2h Marina_Bay
GC212	0.04	8.00	50.00	3.7400	Red_Deer_5yr_Chicago_2h A7STM165
GC2120	0.07	15.00	35.00	6.1200	Red_Deer_5yr_Chicago_2h D14STM244
GC2121	0.08	15.00	35.00	4.7800	Red_Deer_5yr_Chicago_2h C12STM253
GC2122	0.03	15.00	35.00	4.7500	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2123	0.08	15.00	35.00	8.2700	Red_Deer_5yr_Chicago_2h D14STM244
GC2124	0.30	15.00	35.00	6.0000	Red_Deer_5yr_Chicago_2h J16
GC2125	0.03	15.00	35.00	4.8500	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2126	0.07	15.00	35.00	4.3700	Red_Deer_5yr_Chicago_2h D14STM244
GC2127	0.05	15.00	35.00	3.4400	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2128	0.03	15.00	35.00	4.1800	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2129	0.04	15.00	35.00	4.2500	Red_Deer_5yr_Chicago_2h Marina_Bay
GC213	0.15	19.56	5.00	2.8800	Red_Deer_5yr_Chicago_2h A13STM49
GC2130	0.35	15.00	70.00	3.6400	Red_Deer_5yr_Chicago_2h D14STM245
GC2131	0.07	15.00	35.00	7.4800	Red_Deer_5yr_Chicago_2h D14STM244
GC2132	0.06	15.00	35.00	4.9800	Red_Deer_5yr_Chicago_2h D12STM255
GC2133	1.06	15.00	70.00	3.8700	Red_Deer_5yr_Chicago_2h D12STM255
GC2134	0.22	15.00	70.00	3.5900	Red_Deer_5yr_Chicago_2h GCMH50
GC2135	0.08	15.00	35.00	4.1200	Red_Deer_5yr_Chicago_2h D14STM244
GC2136	0.03	15.00	35.00	3.9800	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2137	0.08	15.00	35.00	3.6500	Red_Deer_5yr_Chicago_2h C12STM253
GC2138	0.03	15.00	35.00	3.9400	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2139	0.08	15.00	35.00	7.9100	Red_Deer_5yr_Chicago_2h D14STM244
GC214	0.06	15.00	35.00	3.1100	Red_Deer_5yr_Chicago_2h A13STM2272
GC2140	0.04	15.00	35.00	3.2800	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2141	0.34	34.78	65.00	3.1900	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2142	0.07	15.00	35.00	4.3900	Red_Deer_5yr_Chicago_2h D14STM244
GC2143	0.07	15.00	35.00	5.6100	Red_Deer_5yr_Chicago_2h D12STM255
GC2144	0.04	15.00	35.00	3.0000	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2145	0.04	15.00	35.00	3.3300	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2146	0.05	15.00	35.00	3.8900	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2147	0.06	15.00	35.00	4.7100	Red_Deer_5yr_Chicago_2h D12STM255
GC2148	0.07	15.00	35.00	6.2700	Red_Deer_5yr_Chicago_2h D14STM244
GC2149	0.07	15.00	35.00	6.1400	Red_Deer_5yr_Chicago_2h D12STM255
GC215	0.06	15.00	35.00	5.0200	Red_Deer_5yr_Chicago_2h A5STM161
GC2150	0.03	15.00	35.00	3.0800	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2151	0.48	15.00	35.00	5.1600	Red_Deer_5yr_Chicago_2h J16
GC2152	0.10	15.00	35.00	7.7200	Red_Deer_5yr_Chicago_2h D12STM255
GC2153	0.06	15.00	35.00	6.1900	Red_Deer_5yr_Chicago_2h D12STM255
GC2154	0.06	15.00	70.00	6.2700	Red_Deer_5yr_Chicago_2h GCMH47
GC2155	0.08	15.00	35.00	6.3100	Red_Deer_5yr_Chicago_2h C12STM253
GC2156	0.04	15.00	50.00	3.4700	Red_Deer_5yr_Chicago_2h D14STM247
GC2157	0.83	15.00	70.00	2.8500	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2158	0.03	15.00	35.00	2.8900	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2159	1.41	15.00	70.00	4.3700	Red_Deer_5yr_Chicago_2h J16
GC216	0.07	15.00	35.00	3.0300	Red_Deer_5yr_Chicago_2h A5STM158
GC2160	0.04	15.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h D14STM247
GC2161	0.07	15.00	35.00	6.3500	Red_Deer_5yr_Chicago_2h D14STM244
GC2162	0.20	15.00	70.00	3.8300	Red_Deer_5yr_Chicago_2h J81
GC2163	2.39	27.27	5.00	6.0700	Red_Deer_5yr_Chicago_2h C11STM257

GC2164	0.04	15.00	50.00	3.6900	Red_Deer_5yr_Chicago_2h D14STM247
GC2165	0.04	15.00	50.00	4.0400	Red_Deer_5yr_Chicago_2h D14STM247
GC2166	0.08	10.46	65.00	4.6100	Red_Deer_5yr_Chicago_2h J81
GC2167	0.04	15.00	50.00	3.4800	Red_Deer_5yr_Chicago_2h D14STM247
GC2168	0.04	15.00	50.00	4.1000	Red_Deer_5yr_Chicago_2h D14STM247
GC2169	0.05	15.00	50.00	3.7400	Red_Deer_5yr_Chicago_2h D14STM245
GC217	0.08	15.00	50.00	2.7100	Red_Deer_5yr_Chicago_2h GCMH5
GC2170	0.04	15.00	50.00	3.7300	Red_Deer_5yr_Chicago_2h D14STM247
GC2171	0.05	15.00	50.00	3.8700	Red_Deer_5yr_Chicago_2h D14STM245
GC2172	0.05	15.00	50.00	3.9100	Red_Deer_5yr_Chicago_2h D14STM245
GC2173	0.05	15.00	50.00	4.4400	Red_Deer_5yr_Chicago_2h D14STM245
GC2174	0.04	15.00	50.00	4.5400	Red_Deer_5yr_Chicago_2h D14STM247
GC2175	0.05	15.00	50.00	4.1000	Red_Deer_5yr_Chicago_2h D14STM245
GC2176	0.05	15.00	50.00	4.0000	Red_Deer_5yr_Chicago_2h D14STM245
GC2177	0.05	15.00	50.00	3.4300	Red_Deer_5yr_Chicago_2h D14STM245
GC2178	0.05	15.00	50.00	4.8800	Red_Deer_5yr_Chicago_2h D14STM245
GC2179	0.05	15.00	50.00	5.1600	Red_Deer_5yr_Chicago_2h D14STM245
GC218	0.06	15.00	35.00	3.1400	Red_Deer_5yr_Chicago_2h A14STM31
GC2180	0.05	15.00	35.00	2.7200	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2181	0.06	15.00	50.00	4.5500	Red_Deer_5yr_Chicago_2h D14STM245
GC2182	0.17	15.00	70.00	3.0800	Red_Deer_5yr_Chicago_2h GCMH157
GC2183	0.22	15.00	35.00	5.2700	Red_Deer_5yr_Chicago_2h J16
GC2184	0.07	15.00	35.00	5.5900	Red_Deer_5yr_Chicago_2h D14STM244
GC2185	0.07	16.98	30.00	2.7100	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2186	0.09	15.00	35.00	3.5800	Red_Deer_5yr_Chicago_2h C12STM253
GC2187	0.05	15.00	35.00	3.4900	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2188	0.27	19.32	65.00	3.6000	Red_Deer_5yr_Chicago_2h J82
GC2189	0.90	35.52	65.00	3.7900	Red_Deer_5yr_Chicago_2h Golf_Course1
GC219	0.07	15.00	50.00	3.6300	Red_Deer_5yr_Chicago_2h A5STM160
GC2190	0.06	15.00	35.00	5.9400	Red_Deer_5yr_Chicago_2h D12STM255
GC2191	0.07	15.00	35.00	4.3600	Red_Deer_5yr_Chicago_2h D14STM244
GC2192	0.07	9.90	65.00	3.3000	Red_Deer_5yr_Chicago_2h J81
GC2193	0.07	9.91	65.00	4.3300	Red_Deer_5yr_Chicago_2h J81
GC2194	0.07	9.90	65.00	3.3300	Red_Deer_5yr_Chicago_2h J81
GC2195	0.14	14.01	65.00	4.4600	Red_Deer_5yr_Chicago_2h J81
GC2196	0.10	11.72	65.00	3.6200	Red_Deer_5yr_Chicago_2h J81
GC2197	0.11	12.53	65.00	3.8000	Red_Deer_5yr_Chicago_2h J81
GC2198	0.28	15.00	70.00	4.1300	Red_Deer_5yr_Chicago_2h D14STM244
GC22	0.07	15.00	35.00	4.2600	Red_Deer_5yr_Chicago_2h A5STM158
GC220	0.06	15.00	50.00	3.8700	Red_Deer_5yr_Chicago_2h A5STM160
GC2200	0.03	15.00	35.00	3.5700	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2201	0.09	15.00	35.00	8.3300	Red_Deer_5yr_Chicago_2h D14STM244
GC2202	0.07	15.00	35.00	8.4900	Red_Deer_5yr_Chicago_2h D12STM255
GC2203	0.08	15.00	35.00	4.4400	Red_Deer_5yr_Chicago_2h D14STM244
GC2204	0.12	15.00	35.00	5.4400	Red_Deer_5yr_Chicago_2h C12STM253
GC2205	0.03	15.00	35.00	3.3500	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2206	0.08	10.35	65.00	3.7200	Red_Deer_5yr_Chicago_2h J81
GC2207	0.06	15.00	35.00	7.7200	Red_Deer_5yr_Chicago_2h D14STM244
GC2208	0.11	15.00	35.00	4.1100	Red_Deer_5yr_Chicago_2h C12STM253
GC2209	0.03	15.00	35.00	4.2800	Red_Deer_5yr_Chicago_2h Marina_Bay
GC221	0.05	8.00	50.00	3.1900	Red_Deer_5yr_Chicago_2h GCMH132
GC2210	0.07	15.00	35.00	2.9000	Red_Deer_5yr_Chicago_2h D14STM244
GC2211	0.06	15.00	35.00	8.7700	Red_Deer_5yr_Chicago_2h D14STM244
GC2212	0.06	15.00	35.00	6.0100	Red_Deer_5yr_Chicago_2h D12STM255
GC2213	0.04	15.00	35.00	3.5400	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2214	0.06	10.00	40.00	3.9700	Red_Deer_5yr_Chicago_2h D14STM248
GC2215	0.41	15.00	70.00	3.5900	Red_Deer_5yr_Chicago_2h J30
GC2216	0.06	15.00	35.00	8.3000	Red_Deer_5yr_Chicago_2h D14STM244
GC2217	0.05	15.00	35.00	3.4200	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2218	0.10	10.00	40.00	3.5700	Red_Deer_5yr_Chicago_2h D14STM248
GC2219	0.06	15.00	35.00	4.6400	Red_Deer_5yr_Chicago_2h D14STM244
GC222	0.04	8.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h GCMH132
GC2220	0.05	10.00	40.00	3.7900	Red_Deer_5yr_Chicago_2h D14STM248
GC2221	0.06	15.00	35.00	7.7500	Red_Deer_5yr_Chicago_2h D14STM244
GC2222	0.04	15.00	35.00	3.2700	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2223	0.05	10.00	40.00	3.0500	Red_Deer_5yr_Chicago_2h D14STM248
GC2224	0.06	10.00	40.00	3.1500	Red_Deer_5yr_Chicago_2h D14STM248
GC2225	0.06	10.00	40.00	3.1200	Red_Deer_5yr_Chicago_2h D14STM248
GC2226	0.04	15.00	35.00	4.5300	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2227	0.06	10.00	40.00	4.3000	Red_Deer_5yr_Chicago_2h D14STM248
GC2228	0.11	15.00	35.00	8.7800	Red_Deer_5yr_Chicago_2h D12STM255
GC2229	0.07	15.00	35.00	5.0800	Red_Deer_5yr_Chicago_2h D12STM255
GC223	0.04	8.00	50.00	3.9500	Red_Deer_5yr_Chicago_2h A7STM165
GC2230	0.06	15.00	35.00	4.9200	Red_Deer_5yr_Chicago_2h D12STM255
GC2231	0.04	15.00	35.00	3.3400	Red_Deer_5yr_Chicago_2h Marina_Bay

GC2232	0.06	10.00	40.00	3.7500	Red_Deer_5yr_Chicago_2h D14STM248
GC2233	0.06	15.00	35.00	5.4800	Red_Deer_5yr_Chicago_2h D12STM255
GC2234	0.06	15.00	35.00	6.8300	Red_Deer_5yr_Chicago_2h D14STM244
GC2235	0.03	15.00	35.00	4.3900	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2236	0.10	15.00	35.00	4.0200	Red_Deer_5yr_Chicago_2h D14STM244
GC2237	0.31	15.00	35.00	5.2800	Red_Deer_5yr_Chicago_2h J16
GC2238	0.03	15.00	35.00	3.9500	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2239	0.03	15.00	35.00	3.7300	Red_Deer_5yr_Chicago_2h Marina_Bay
GC224	0.07	15.00	35.00	4.9800	Red_Deer_5yr_Chicago_2h A15STM2
GC2240	0.04	15.00	35.00	3.5700	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2241	0.06	15.00	35.00	4.4000	Red_Deer_5yr_Chicago_2h D12STM255
GC2242	0.04	15.00	35.00	3.9500	Red_Deer_5yr_Chicago_2h Marina_Bay
GC2243_1	0.21	40.00	50.00	6.3200	Red_Deer_5yr_Chicago_2h GCMH149
GC2243_2	0.17	10.00	50.00	6.3200	Red_Deer_5yr_Chicago_2h GCMH155
GC2244	0.20	15.00	70.00	3.2800	Red_Deer_5yr_Chicago_2h GCMH37
GC2245	0.07	15.00	35.00	3.2600	Red_Deer_5yr_Chicago_2h D14STM244
GC2246	0.17	15.00	70.00	3.0100	Red_Deer_5yr_Chicago_2h GCMH155
GC2247	0.07	15.00	35.00	3.4000	Red_Deer_5yr_Chicago_2h D14STM244
GC2248	0.06	15.00	35.00	6.6200	Red_Deer_5yr_Chicago_2h D14STM244
GC2249	0.11	10.00	40.00	5.4700	Red_Deer_5yr_Chicago_2h D14STM248
GC225	0.06	15.00	35.00	6.9500	Red_Deer_5yr_Chicago_2h A15STM3
GC2250	0.05	15.00	35.00	3.4000	Red_Deer_5yr_Chicago_2h D14STM244
GC2251	0.07	15.00	35.00	5.3600	Red_Deer_5yr_Chicago_2h D14STM244
GC2252	0.06	15.00	35.00	4.9900	Red_Deer_5yr_Chicago_2h D14STM244
GC2253	0.06	15.00	35.00	7.3000	Red_Deer_5yr_Chicago_2h D14STM244
GC2254	0.06	10.00	40.00	3.5300	Red_Deer_5yr_Chicago_2h D14STM248
GC2255	0.11	15.00	35.00	4.3100	Red_Deer_5yr_Chicago_2h D14STM244
GC2256	0.06	15.00	35.00	4.7500	Red_Deer_5yr_Chicago_2h D12STM255
GC2257	0.06	15.00	35.00	5.1100	Red_Deer_5yr_Chicago_2h D14STM244
GC2258	0.08	15.00	35.00	7.6200	Red_Deer_5yr_Chicago_2h D14STM244
GC2259	0.05	15.00	35.00	5.3300	Red_Deer_5yr_Chicago_2h D14STM244
GC226	1.91	15.00	70.00	7.4200	Red_Deer_5yr_Chicago_2h GCMH56
GC2260	0.06	15.00	35.00	6.3900	Red_Deer_5yr_Chicago_2h D14STM244
GC2261	0.06	10.00	40.00	4.1300	Red_Deer_5yr_Chicago_2h D14STM248
GC2262	0.10	15.00	35.00	7.2200	Red_Deer_5yr_Chicago_2h D12STM255
GC2263	0.15	15.00	70.00	2.8000	Red_Deer_5yr_Chicago_2h GCMH149
GC2264	0.06	15.00	35.00	5.8700	Red_Deer_5yr_Chicago_2h D14STM244
GC2265	0.06	10.00	40.00	4.2900	Red_Deer_5yr_Chicago_2h D14STM248
GC2266	0.07	15.00	35.00	5.4300	Red_Deer_5yr_Chicago_2h D12STM255
GC2267	0.26	20.68	30.00	4.6000	Red_Deer_5yr_Chicago_2h D14STM248
GC2268	0.08	15.00	35.00	5.5100	Red_Deer_5yr_Chicago_2h D12STM255
GC2269	0.06	15.00	35.00	5.4700	Red_Deer_5yr_Chicago_2h D12STM255
GC227	0.06	15.00	35.00	4.9200	Red_Deer_5yr_Chicago_2h A5STM161
GC2270	0.05	10.00	40.00	4.1500	Red_Deer_5yr_Chicago_2h D14STM248
GC2271	0.05	10.00	40.00	5.1800	Red_Deer_5yr_Chicago_2h D14STM248
GC2272	0.05	15.00	35.00	3.9400	Red_Deer_5yr_Chicago_2h D14STM244
GC2273	0.08	15.00	35.00	10.0700	Red_Deer_5yr_Chicago_2h J16
GC2274	0.58	65.00	40.00	3.6700	Red_Deer_5yr_Chicago_2h GCMH50
GC2275	0.07	15.00	35.00	5.8400	Red_Deer_5yr_Chicago_2h D14STM244
GC2276	0.11	15.00	35.00	5.8500	Red_Deer_5yr_Chicago_2h J16
GC2277	0.06	10.00	40.00	3.3000	Red_Deer_5yr_Chicago_2h D14STM248
GC2278	0.10	15.00	35.00	10.7200	Red_Deer_5yr_Chicago_2h D12STM255
GC2279	0.06	15.00	35.00	5.5400	Red_Deer_5yr_Chicago_2h D14STM244
GC228	0.06	15.00	35.00	6.8500	Red_Deer_5yr_Chicago_2h A13STM2272
GC2280	0.06	10.00	40.00	4.6500	Red_Deer_5yr_Chicago_2h D14STM248
GC2281	0.10	15.00	35.00	3.6800	Red_Deer_5yr_Chicago_2h D14STM244
GC2282	0.06	10.00	40.00	3.9900	Red_Deer_5yr_Chicago_2h D14STM248
GC2283	0.06	10.00	40.00	4.0200	Red_Deer_5yr_Chicago_2h D14STM248
GC2284	0.06	15.00	35.00	5.1200	Red_Deer_5yr_Chicago_2h D14STM244
GC2285	0.62	55.00	35.00	3.4300	Red_Deer_5yr_Chicago_2h GCMH136
GC2286	0.06	15.00	35.00	6.4200	Red_Deer_5yr_Chicago_2h D12STM255
GC2287	0.06	15.00	35.00	3.9700	Red_Deer_5yr_Chicago_2h D14STM244
GC2288	0.20	15.00	70.00	3.3000	Red_Deer_5yr_Chicago_2h GCMH36
GC2289	0.07	15.00	35.00	4.7400	Red_Deer_5yr_Chicago_2h D14STM244
GC229	0.06	8.00	50.00	3.7100	Red_Deer_5yr_Chicago_2h GCMH1
GC2290	0.07	15.00	35.00	8.9100	Red_Deer_5yr_Chicago_2h D14STM244
GC2291	0.06	10.00	40.00	3.7200	Red_Deer_5yr_Chicago_2h D14STM248
GC2292	0.06	15.00	35.00	3.9900	Red_Deer_5yr_Chicago_2h D14STM244
GC2293	0.07	15.00	35.00	4.7600	Red_Deer_5yr_Chicago_2h D14STM244
GC2294_1	0.10	30.00	50.00	7.1800	Red_Deer_5yr_Chicago_2h GCMH48
GC2294_3	0.17	30.00	50.00	7.1800	Red_Deer_5yr_Chicago_2h GCMH48
GC2294_4	0.23	30.00	50.00	7.1800	Red_Deer_5yr_Chicago_2h GCMH150
GC2294_5	0.13	30.00	50.00	7.1800	Red_Deer_5yr_Chicago_2h GCMH156
GC2295	0.06	10.00	40.00	4.3000	Red_Deer_5yr_Chicago_2h D14STM248
GC2296	0.10	15.00	35.00	3.9400	Red_Deer_5yr_Chicago_2h D14STM244

GC2297	0.06	10.00	40.00	3.3000	Red_Deer_5yr_Chicago_2h D14STM248
GC2298	0.06	10.00	40.00	3.9600	Red_Deer_5yr_Chicago_2h D14STM248
GC2299	0.06	15.00	35.00	5.4400	Red_Deer_5yr_Chicago_2h D14STM244
GC23	0.06	15.00	35.00	4.6500	Red_Deer_5yr_Chicago_2h A5STM161
GC230	0.05	10.00	50.00	4.8300	Red_Deer_5yr_Chicago_2h GCMH1
GC2300	0.07	15.00	35.00	5.0300	Red_Deer_5yr_Chicago_2h D14STM244
GC2301	0.10	15.00	35.00	6.7300	Red_Deer_5yr_Chicago_2h J16
GC2302	0.11	15.00	35.00	4.9100	Red_Deer_5yr_Chicago_2h J16
GC2303	0.07	15.00	35.00	5.3700	Red_Deer_5yr_Chicago_2h D14STM244
GC2304	0.06	10.00	40.00	3.3500	Red_Deer_5yr_Chicago_2h D14STM248
GC2305	0.07	15.00	35.00	10.9500	Red_Deer_5yr_Chicago_2h D12STM255
GC2306	0.07	15.00	35.00	6.5500	Red_Deer_5yr_Chicago_2h D12STM255
GC2307	0.06	10.00	40.00	4.7300	Red_Deer_5yr_Chicago_2h D14STM248
GC2308	0.06	10.00	40.00	4.7600	Red_Deer_5yr_Chicago_2h D14STM248
GC2309	0.06	10.00	40.00	4.1400	Red_Deer_5yr_Chicago_2h D14STM248
GC231	0.07	15.00	35.00	2.9900	Red_Deer_5yr_Chicago_2h A14STM32
GC2310	0.07	15.00	35.00	5.7500	Red_Deer_5yr_Chicago_2h D14STM244
GC2311	0.20	15.00	70.00	2.6900	Red_Deer_5yr_Chicago_2h GCMH156
GC2312	0.06	15.00	35.00	5.4800	Red_Deer_5yr_Chicago_2h D14STM244
GC2313	0.07	15.00	35.00	6.3300	Red_Deer_5yr_Chicago_2h D14STM244
GC2314	0.05	10.00	40.00	4.4100	Red_Deer_5yr_Chicago_2h D14STM248
GC2315	0.11	15.00	35.00	4.1500	Red_Deer_5yr_Chicago_2h D14STM244
GC2316	0.07	15.00	35.00	5.2900	Red_Deer_5yr_Chicago_2h D12STM255
GC2317	18.84	225.00	35.00	2.7500	Red_Deer_5yr_Chicago_2h GCMH36
GC2318	0.06	15.00	35.00	4.6100	Red_Deer_5yr_Chicago_2h D12STM255
GC2319	0.06	15.00	35.00	6.0700	Red_Deer_5yr_Chicago_2h D12STM255
GC232	0.07	15.00	50.00	2.8200	Red_Deer_5yr_Chicago_2h GCMH5
GC2320	0.11	15.00	35.00	6.9000	Red_Deer_5yr_Chicago_2h D12STM255
GC2321	0.11	15.00	35.00	6.1300	Red_Deer_5yr_Chicago_2h D12STM255
GC2322	0.06	15.00	35.00	3.8200	Red_Deer_5yr_Chicago_2h D14STM244
GC2323	0.16	15.00	70.00	3.5400	Red_Deer_5yr_Chicago_2h GCMH136
GC2324	0.07	15.00	35.00	4.4800	Red_Deer_5yr_Chicago_2h D14STM244
GC2325	0.07	15.00	35.00	7.2200	Red_Deer_5yr_Chicago_2h D14STM244
GC2326	0.05	10.00	40.00	3.3500	Red_Deer_5yr_Chicago_2h D14STM248
GC2327	0.05	10.00	40.00	4.0700	Red_Deer_5yr_Chicago_2h D14STM248
GC2328_1	7.65	165.90	65.00	5.3900	Red_Deer_5yr_Chicago_2h J116
GC2328_2	5.39	139.32	65.00	5.5100	Red_Deer_5yr_Chicago_2h GC2163
GC2329	0.06	10.00	40.00	4.9200	Red_Deer_5yr_Chicago_2h D14STM248
GC233	0.07	15.00	50.00	3.9400	Red_Deer_5yr_Chicago_2h GCMH5
GC2330	0.03	8.00	50.00	8.7800	Red_Deer_5yr_Chicago_2h D14STM244
GC2331	0.06	15.00	35.00	4.5600	Red_Deer_5yr_Chicago_2h D14STM244
GC2332	0.08	15.00	35.00	4.8600	Red_Deer_5yr_Chicago_2h D14STM244
GC2333	0.07	15.00	35.00	6.9800	Red_Deer_5yr_Chicago_2h D14STM244
GC2334	0.06	10.00	40.00	4.4300	Red_Deer_5yr_Chicago_2h D14STM248
GC2335	0.25	15.00	70.00	5.0500	Red_Deer_5yr_Chicago_2h GCMH48
GC2336	0.10	15.00	35.00	4.4200	Red_Deer_5yr_Chicago_2h D14STM244
GC2337	0.04	8.00	50.00	5.4000	Red_Deer_5yr_Chicago_2h D14STM244
GC2339	0.07	15.00	35.00	4.7900	Red_Deer_5yr_Chicago_2h D14STM244
GC234	0.07	15.00	50.00	3.9500	Red_Deer_5yr_Chicago_2h GCMH5
GC2340	0.05	10.00	40.00	3.8000	Red_Deer_5yr_Chicago_2h D14STM248
GC2341	1.18	15.00	70.00	4.0900	Red_Deer_5yr_Chicago_2h D14STM248
GC2342	0.06	10.00	40.00	4.6300	Red_Deer_5yr_Chicago_2h D14STM248
GC2343	0.07	15.00	35.00	5.4200	Red_Deer_5yr_Chicago_2h D14STM244
GC2344	0.07	15.00	35.00	4.7700	Red_Deer_5yr_Chicago_2h D14STM244
GC2345	0.04	8.00	50.00	6.1900	Red_Deer_5yr_Chicago_2h D14STM244
GC2346	0.11	10.00	40.00	4.6400	Red_Deer_5yr_Chicago_2h D14STM248
GC2347	0.05	10.00	40.00	4.0700	Red_Deer_5yr_Chicago_2h D14STM248
GC2348	0.24	15.00	70.00	3.1900	Red_Deer_5yr_Chicago_2h GCMH35
GC2349	0.07	15.00	35.00	5.4900	Red_Deer_5yr_Chicago_2h D14STM244
GC235	0.07	15.00	50.00	4.0700	Red_Deer_5yr_Chicago_2h GCMH5
GC2350	0.05	10.00	40.00	3.5500	Red_Deer_5yr_Chicago_2h D14STM248
GC2351	0.04	8.00	50.00	4.7200	Red_Deer_5yr_Chicago_2h D14STM244
GC2352	0.07	15.00	35.00	4.9800	Red_Deer_5yr_Chicago_2h D14STM244
GC2353	0.06	10.00	40.00	3.9900	Red_Deer_5yr_Chicago_2h D14STM248
GC2354	0.06	15.00	35.00	3.8400	Red_Deer_5yr_Chicago_2h D14STM244
GC2355	0.05	10.00	40.00	4.1800	Red_Deer_5yr_Chicago_2h D14STM248
GC2356	0.07	15.00	35.00	4.8400	Red_Deer_5yr_Chicago_2h D14STM244
GC2357	0.04	8.00	50.00	4.5600	Red_Deer_5yr_Chicago_2h D14STM244
GC2358	0.07	15.00	35.00	6.7900	Red_Deer_5yr_Chicago_2h D14STM244
GC2359	3.91	147.67	30.00	3.4800	Red_Deer_5yr_Chicago_2h GCMH37
GC236	0.09	15.00	50.00	4.8700	Red_Deer_5yr_Chicago_2h GCMH5
GC2360	0.07	15.00	35.00	3.7600	Red_Deer_5yr_Chicago_2h D14STM244
GC2361	0.05	10.00	40.00	3.3400	Red_Deer_5yr_Chicago_2h D14STM248
GC2362	0.05	10.00	40.00	4.8100	Red_Deer_5yr_Chicago_2h D14STM248
GC2363	0.42	55.00	50.00	3.2700	Red_Deer_5yr_Chicago_2h GCMH156

GC2364	0.05	10.00	50.00	4.0200	Red_Deer_5yr_Chicago_2h	GCMH137
GC2365	0.04	8.00	50.00	6.5900	Red_Deer_5yr_Chicago_2h	D14STM244
GC2366	0.06	10.00	40.00	4.6800	Red_Deer_5yr_Chicago_2h	D14STM248
GC2367	0.45	55.00	50.00	3.4800	Red_Deer_5yr_Chicago_2h	GCMH136
GC2368	0.05	10.00	40.00	4.5100	Red_Deer_5yr_Chicago_2h	D14STM248
GC2369	0.07	15.00	35.00	4.6100	Red_Deer_5yr_Chicago_2h	D14STM244
GC237	0.04	8.00	50.00	3.7000	Red_Deer_5yr_Chicago_2h	A7STM165
GC2370	0.07	15.00	35.00	4.8100	Red_Deer_5yr_Chicago_2h	D14STM244
GC2372	0.04	8.00	50.00	7.9800	Red_Deer_5yr_Chicago_2h	D14STM244
GC2373	0.06	10.00	40.00	4.7200	Red_Deer_5yr_Chicago_2h	D14STM248
GC2374	0.06	10.00	40.00	4.4500	Red_Deer_5yr_Chicago_2h	D14STM248
GC2375	0.06	15.00	35.00	3.9100	Red_Deer_5yr_Chicago_2h	D14STM244
GC2376	0.04	10.00	50.00	3.6500	Red_Deer_5yr_Chicago_2h	GCMH137
GC2377	0.07	15.00	35.00	3.6200	Red_Deer_5yr_Chicago_2h	D14STM244
GC2378	0.05	10.00	50.00	4.4200	Red_Deer_5yr_Chicago_2h	GCMH137
GC2379	0.04	8.00	50.00	4.2500	Red_Deer_5yr_Chicago_2h	D14STM244
GC238	0.06	15.00	35.00	5.2000	Red_Deer_5yr_Chicago_2h	A15STM4
GC2380	0.05	10.00	40.00	3.0800	Red_Deer_5yr_Chicago_2h	D14STM248
GC2381	0.06	10.00	40.00	4.8300	Red_Deer_5yr_Chicago_2h	D14STM248
GC2382	0.06	15.00	35.00	4.6300	Red_Deer_5yr_Chicago_2h	D14STM244
GC2384	0.07	15.00	35.00	4.6100	Red_Deer_5yr_Chicago_2h	D14STM244
GC2385	0.06	10.00	40.00	4.2900	Red_Deer_5yr_Chicago_2h	D14STM248
GC2386	0.05	10.00	50.00	4.0800	Red_Deer_5yr_Chicago_2h	GCMH137
GC2387	0.06	10.00	40.00	4.0700	Red_Deer_5yr_Chicago_2h	D14STM248
GC2388	0.06	15.00	35.00	5.4200	Red_Deer_5yr_Chicago_2h	D14STM244
GC2389	0.08	15.00	35.00	3.6500	Red_Deer_5yr_Chicago_2h	D14STM244
GC239	0.06	15.00	35.00	2.7800	Red_Deer_5yr_Chicago_2h	A14STM31
GC2390	0.05	10.00	50.00	3.4600	Red_Deer_5yr_Chicago_2h	GCMH137
GC2392	0.13	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h	GCMH137
GC2393	0.06	10.00	40.00	3.6800	Red_Deer_5yr_Chicago_2h	D14STM248
GC2394	0.07	15.00	35.00	3.1900	Red_Deer_5yr_Chicago_2h	D14STM244
GC2395	0.07	15.00	35.00	3.0800	Red_Deer_5yr_Chicago_2h	D14STM244
GC2396	0.06	10.00	40.00	4.2300	Red_Deer_5yr_Chicago_2h	D14STM248
GC2397	0.05	10.00	50.00	3.4100	Red_Deer_5yr_Chicago_2h	GCMH137
GC2398	0.07	15.00	35.00	3.9900	Red_Deer_5yr_Chicago_2h	D14STM244
GC2399	0.06	15.00	35.00	3.1400	Red_Deer_5yr_Chicago_2h	D14STM244
GC24	0.06	15.00	35.00	3.9900	Red_Deer_5yr_Chicago_2h	A5STM161
GC240	0.06	15.00	35.00	5.1200	Red_Deer_5yr_Chicago_2h	A15STM4
GC2400	0.06	10.00	40.00	3.5600	Red_Deer_5yr_Chicago_2h	D14STM248
GC2401	0.06	10.00	40.00	5.2200	Red_Deer_5yr_Chicago_2h	D14STM248
GC2403	0.05	10.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h	GCMH137
GC2404	0.06	10.00	40.00	3.9900	Red_Deer_5yr_Chicago_2h	D14STM248
GC2405	0.08	15.00	35.00	4.5200	Red_Deer_5yr_Chicago_2h	D14STM244
GC2406	0.06	15.00	35.00	4.3900	Red_Deer_5yr_Chicago_2h	D14STM244
GC2407	0.05	10.00	50.00	2.3500	Red_Deer_5yr_Chicago_2h	GCMH137
GC2409	0.06	15.00	35.00	4.1100	Red_Deer_5yr_Chicago_2h	D14STM244
GC241	0.06	15.00	35.00	4.3000	Red_Deer_5yr_Chicago_2h	A15STM4
GC2410	0.06	10.00	40.00	4.0700	Red_Deer_5yr_Chicago_2h	D14STM248
GC2411	0.42	55.00	50.00	3.2100	Red_Deer_5yr_Chicago_2h	GCMH151
GC2412	0.07	15.00	35.00	3.0500	Red_Deer_5yr_Chicago_2h	D14STM244
GC2413	0.18	15.00	70.00	2.8700	Red_Deer_5yr_Chicago_2h	GCMH151
GC2414	0.05	10.00	40.00	4.0900	Red_Deer_5yr_Chicago_2h	D14STM248
GC2415	0.05	10.00	40.00	4.4300	Red_Deer_5yr_Chicago_2h	D14STM248
GC2416	0.05	10.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h	GCMH137
GC2417	0.05	10.00	40.00	3.3200	Red_Deer_5yr_Chicago_2h	D14STM248
GC2419	0.83	51.03	30.00	3.9800	Red_Deer_5yr_Chicago_2h	D14STM244
GC242	0.06	15.00	35.00	4.9400	Red_Deer_5yr_Chicago_2h	A15STM4
GC2420	0.07	15.00	35.00	3.7600	Red_Deer_5yr_Chicago_2h	D14STM244
GC2421	0.06	10.00	40.00	3.4500	Red_Deer_5yr_Chicago_2h	D14STM248
GC2422	0.08	15.00	35.00	5.2200	Red_Deer_5yr_Chicago_2h	D14STM244
GC2423	0.11	15.00	70.00	3.2700	Red_Deer_5yr_Chicago_2h	GCMH159
GC2424	0.38	31.64	30.00	3.1000	Red_Deer_5yr_Chicago_2h	D14STM244
GC2425	0.07	15.00	35.00	4.0900	Red_Deer_5yr_Chicago_2h	D14STM244
GC2427	0.06	15.00	35.00	3.3800	Red_Deer_5yr_Chicago_2h	D14STM244
GC2428	0.08	10.00	50.00	3.6000	Red_Deer_5yr_Chicago_2h	GCMH137
GC2429	0.07	15.00	35.00	3.5100	Red_Deer_5yr_Chicago_2h	D14STM244
GC243	0.06	15.00	35.00	4.1700	Red_Deer_5yr_Chicago_2h	A15STM4
GC2430	0.06	10.00	40.00	4.7100	Red_Deer_5yr_Chicago_2h	D14STM248
GC2432	0.09	10.00	40.00	4.2300	Red_Deer_5yr_Chicago_2h	D14STM248
GC2433	0.06	15.00	35.00	3.2200	Red_Deer_5yr_Chicago_2h	D14STM244
GC2434	0.07	15.00	35.00	7.2600	Red_Deer_5yr_Chicago_2h	D14STM244
GC2435	0.08	10.00	50.00	3.5900	Red_Deer_5yr_Chicago_2h	GCMH159
GC2436	0.07	15.00	35.00	4.0500	Red_Deer_5yr_Chicago_2h	D14STM244
GC2437	0.04	10.00	50.00	3.2000	Red_Deer_5yr_Chicago_2h	GCMH159
GC2438	0.06	10.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h	GCMH159

GC2439	0.06	10.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h GCMH159
GC244	0.10	15.00	35.00	4.7900	Red_Deer_5yr_Chicago_2h A12STM50
GC2441	0.08	15.00	35.00	3.3900	Red_Deer_5yr_Chicago_2h D14STM244
GC2442	0.06	10.00	40.00	4.4600	Red_Deer_5yr_Chicago_2h D14STM248
GC2443	0.06	10.00	40.00	4.5800	Red_Deer_5yr_Chicago_2h D14STM248
GC2444	0.06	10.00	40.00	3.8600	Red_Deer_5yr_Chicago_2h D14STM248
GC2445	0.05	10.00	50.00	3.7200	Red_Deer_5yr_Chicago_2h GCMH52
GC2446	0.06	10.00	40.00	4.6600	Red_Deer_5yr_Chicago_2h D14STM248
GC2447	0.06	15.00	35.00	3.4400	Red_Deer_5yr_Chicago_2h D14STM244
GC2448	0.05	10.00	40.00	3.6300	Red_Deer_5yr_Chicago_2h D14STM248
GC2449	0.06	10.00	40.00	5.4300	Red_Deer_5yr_Chicago_2h D14STM248
GC245	0.06	15.00	35.00	2.7300	Red_Deer_5yr_Chicago_2h A13STM2272
GC2450	0.09	10.00	40.00	4.2900	Red_Deer_5yr_Chicago_2h D14STM248
GC2451	0.31	15.00	70.00	3.0900	Red_Deer_5yr_Chicago_2h GCMH101
GC2452	0.07	15.00	35.00	5.5900	Red_Deer_5yr_Chicago_2h D14STM244
GC2453	0.06	15.00	35.00	3.4500	Red_Deer_5yr_Chicago_2h D14STM244
GC2454	0.05	10.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h GCMH52
GC2455	0.07	15.00	35.00	5.7000	Red_Deer_5yr_Chicago_2h D14STM244
GC2456	0.06	10.00	40.00	4.4500	Red_Deer_5yr_Chicago_2h D14STM248
GC2457	0.06	15.00	40.00	3.6800	Red_Deer_5yr_Chicago_2h GCMH154
GC2458	0.06	15.00	35.00	5.0700	Red_Deer_5yr_Chicago_2h D14STM244
GC2459	0.08	15.00	40.00	3.2000	Red_Deer_5yr_Chicago_2h GCMH141
GC246	0.09	15.00	50.00	4.3100	Red_Deer_5yr_Chicago_2h GCMH5
GC2460	0.07	10.00	40.00	3.7400	Red_Deer_5yr_Chicago_2h GCMH141
GC2461	0.08	10.00	40.00	2.8800	Red_Deer_5yr_Chicago_2h GCMH141
GC2462	0.08	10.00	50.00	3.3400	Red_Deer_5yr_Chicago_2h GCMH52
GC2463	0.07	10.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h GCMH141
GC2464	0.17	15.00	70.00	3.5500	Red_Deer_5yr_Chicago_2h GCMH138
GC2465	0.08	15.00	50.00	3.0200	Red_Deer_5yr_Chicago_2h D14STM244
GC2466	0.05	10.00	40.00	3.1900	Red_Deer_5yr_Chicago_2h GCMH154
GC2467	0.06	10.00	40.00	4.9600	Red_Deer_5yr_Chicago_2h D14STM248
GC2468	0.06	15.00	50.00	3.0900	Red_Deer_5yr_Chicago_2h D14STM244
GC2469	0.06	15.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h D14STM244
GC247	0.05	8.00	50.00	3.9400	Red_Deer_5yr_Chicago_2h A7STM165
GC2470	0.06	15.00	50.00	2.7300	Red_Deer_5yr_Chicago_2h D14STM244
GC2471	0.07	10.00	50.00	3.4600	Red_Deer_5yr_Chicago_2h GCMH141
GC2472	0.06	15.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h D14STM244
GC2473	0.06	15.00	50.00	2.8700	Red_Deer_5yr_Chicago_2h D14STM244
GC2474	0.06	15.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h D14STM244
GC2475	0.06	10.00	40.00	2.8600	Red_Deer_5yr_Chicago_2h D14STM244
GC2476	0.05	10.00	40.00	4.5200	Red_Deer_5yr_Chicago_2h D14STM244
GC2477	0.05	10.00	40.00	3.1600	Red_Deer_5yr_Chicago_2h D14STM244
GC2478	0.05	10.00	40.00	3.0500	Red_Deer_5yr_Chicago_2h D14STM244
GC2479	0.06	10.00	40.00	3.4700	Red_Deer_5yr_Chicago_2h D14STM244
GC248	0.11	15.00	35.00	3.0600	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC2480	0.06	10.00	40.00	3.2200	Red_Deer_5yr_Chicago_2h D14STM244
GC2481	0.06	10.00	40.00	3.8300	Red_Deer_5yr_Chicago_2h D14STM244
GC2482	0.06	10.00	40.00	4.2600	Red_Deer_5yr_Chicago_2h D14STM244
GC2483	0.06	15.00	50.00	3.4900	Red_Deer_5yr_Chicago_2h D14STM244
GC2484	0.09	10.00	50.00	3.6600	Red_Deer_5yr_Chicago_2h GCMH141
GC2485	0.12	15.00	70.00	3.8800	Red_Deer_5yr_Chicago_2h GCMH51
GC2486	0.11	15.00	70.00	2.8500	Red_Deer_5yr_Chicago_2h GCMH133
GC2487	0.26	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h GCMH141
GC2488	0.06	10.00	40.00	4.7300	Red_Deer_5yr_Chicago_2h D14STM248
GC2489	0.08	10.00	50.00	3.4600	Red_Deer_5yr_Chicago_2h GCMH52
GC249	0.06	15.00	35.00	4.0400	Red_Deer_5yr_Chicago_2h A13STM44
GC2490	0.07	10.00	40.00	3.3900	Red_Deer_5yr_Chicago_2h GCMH154
GC2491	0.04	15.00	50.00	5.9900	Red_Deer_5yr_Chicago_2h D14STM244
GC2492	0.47	15.00	70.00	3.8200	Red_Deer_5yr_Chicago_2h D14STM244
GC2493	0.04	15.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h D14STM244
GC2494	0.08	15.00	50.00	3.0800	Red_Deer_5yr_Chicago_2h D14STM244
GC2495	0.11	10.00	40.00	2.9500	Red_Deer_5yr_Chicago_2h GCMH154
GC2496	0.10	10.00	40.00	3.4900	Red_Deer_5yr_Chicago_2h D14STM248
GC2497	0.10	10.00	50.00	4.2700	Red_Deer_5yr_Chicago_2h GCMH52
GC2498	0.05	15.00	50.00	4.0500	Red_Deer_5yr_Chicago_2h D14STM244
GC2499	0.06	10.00	40.00	4.4900	Red_Deer_5yr_Chicago_2h GCMH141
GC25	0.07	15.00	35.00	2.8100	Red_Deer_5yr_Chicago_2h A5STM158
GC250	0.16	15.00	35.00	3.9300	Red_Deer_5yr_Chicago_2h A12STM50
GC2500	0.04	15.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h D14STM244
GC2501	0.05	10.00	40.00	3.6500	Red_Deer_5yr_Chicago_2h GCMH141
GC2502	0.06	10.00	40.00	3.8500	Red_Deer_5yr_Chicago_2h GCMH141
GC2503	0.09	10.00	40.00	3.9100	Red_Deer_5yr_Chicago_2h GCMH154
GC2504	0.06	10.00	50.00	3.9700	Red_Deer_5yr_Chicago_2h GCMH141
GC2505	0.04	15.00	50.00	5.1300	Red_Deer_5yr_Chicago_2h D14STM244
GC2506	0.06	15.00	50.00	4.4100	Red_Deer_5yr_Chicago_2h D14STM244

GC2507	0.06	15.00	50.00	3.4900	Red_Deer_5yr_Chicago_2h D14STM244
GC2508	0.06	15.00	50.00	5.6100	Red_Deer_5yr_Chicago_2h D14STM244
GC2509	0.06	15.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h D14STM244
GC251	0.04	8.00	50.00	4.1300	Red_Deer_5yr_Chicago_2h GCMH132
GC2510	0.04	15.00	50.00	3.6800	Red_Deer_5yr_Chicago_2h D14STM244
GC2511	0.06	15.00	50.00	3.4400	Red_Deer_5yr_Chicago_2h D14STM244
GC2512	0.06	15.00	50.00	4.4700	Red_Deer_5yr_Chicago_2h D14STM244
GC2513	0.06	10.00	40.00	5.2600	Red_Deer_5yr_Chicago_2h D14STM244
GC2514	0.06	10.00	40.00	3.5800	Red_Deer_5yr_Chicago_2h D14STM244
GC2515	0.06	10.00	40.00	4.2200	Red_Deer_5yr_Chicago_2h D14STM244
GC2516	0.06	10.00	40.00	4.5000	Red_Deer_5yr_Chicago_2h D14STM244
GC2517	0.06	10.00	40.00	4.4200	Red_Deer_5yr_Chicago_2h D14STM244
GC2518	0.06	10.00	40.00	3.7300	Red_Deer_5yr_Chicago_2h D14STM244
GC2519	0.06	10.00	40.00	4.1600	Red_Deer_5yr_Chicago_2h D14STM244
GC252	0.06	15.00	35.00	3.4500	Red_Deer_5yr_Chicago_2h GCMH77
GC2520	0.41	15.00	70.00	2.3700	Red_Deer_5yr_Chicago_2h GCMH142
GC2521	0.06	10.00	40.00	3.6500	Red_Deer_5yr_Chicago_2h D14STM244
GC2522	0.11	10.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h GCMH141
GC2523	0.10	10.00	40.00	3.2300	Red_Deer_5yr_Chicago_2h D14STM244
GC2524	0.51	15.00	70.00	3.2600	Red_Deer_5yr_Chicago_2h GCMH144
GC2525	0.14	10.00	50.00	4.0300	Red_Deer_5yr_Chicago_2h GCMH138
GC2526	0.15	15.00	70.00	2.9400	Red_Deer_5yr_Chicago_2h GCMH139
GC2527	2.23	74.61	5.00	4.2000	Red_Deer_5yr_Chicago_2h GCMH133
GC2528	2.37	85.00	70.00	6.7400	Red_Deer_5yr_Chicago_2h GCMH143
GC2529	2.20	85.00	70.00	4.4900	Red_Deer_5yr_Chicago_2h GCMH143
GC253	0.05	8.00	50.00	3.6800	Red_Deer_5yr_Chicago_2h GCMH132
GC2530	0.46	15.00	70.00	2.7000	Red_Deer_5yr_Chicago_2h GCMH134
GC2531	2.42	85.00	70.00	4.6200	Red_Deer_5yr_Chicago_2h GCMH142
GC2532	1.04	61.20	65.00	3.2900	Red_Deer_5yr_Chicago_2h CULV5538
GC2533	3.49	136.73	30.00	3.9600	Red_Deer_5yr_Chicago_2h CULV5538
GC2534	0.61	64.83	80.00	3.6600	Red_Deer_5yr_Chicago_2h GCMH100
GC254	0.07	15.00	35.00	2.6100	Red_Deer_5yr_Chicago_2h A14STM31
GC255	0.07	15.00	35.00	3.0100	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC256	0.07	15.00	35.00	5.1000	Red_Deer_5yr_Chicago_2h A15STM2
GC257	0.06	15.00	35.00	4.0900	Red_Deer_5yr_Chicago_2h A5STM161
GC258	0.07	15.00	50.00	2.8400	Red_Deer_5yr_Chicago_2h A5STM160
GC259	0.07	15.00	35.00	4.1800	Red_Deer_5yr_Chicago_2h A5STM158
GC26	0.12	17.20	5.00	4.4900	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC260	0.06	15.00	50.00	4.2100	Red_Deer_5yr_Chicago_2h A5STM160
GC261	0.06	8.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h GCMH1
GC262	0.05	10.00	50.00	4.8200	Red_Deer_5yr_Chicago_2h GCMH1
GC263	0.04	8.00	50.00	3.5800	Red_Deer_5yr_Chicago_2h A7STM165
GC264	0.06	15.00	35.00	7.1200	Red_Deer_5yr_Chicago_2h A15STM3
GC265	0.06	15.00	35.00	4.8200	Red_Deer_5yr_Chicago_2h A5STM161
GC266	0.07	15.00	35.00	3.5200	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC267	0.09	15.00	35.00	6.3100	Red_Deer_5yr_Chicago_2h A13STM2271
GC268	0.06	15.00	35.00	2.9500	Red_Deer_5yr_Chicago_2h A13STM2272
GC269	0.04	8.00	50.00	4.2100	Red_Deer_5yr_Chicago_2h A7STM165
GC27	0.09	15.00	50.00	2.8200	Red_Deer_5yr_Chicago_2h A5STM160
GC270	0.06	15.00	35.00	3.7200	Red_Deer_5yr_Chicago_2h A13STM44
GC271	0.04	8.00	50.00	3.5500	Red_Deer_5yr_Chicago_2h GCMH132
GC272	0.14	15.00	35.00	4.3600	Red_Deer_5yr_Chicago_2h A12STM50
GC273	0.04	8.00	50.00	3.6900	Red_Deer_5yr_Chicago_2h GCMH132
GC275	0.04	8.00	50.00	3.8200	Red_Deer_5yr_Chicago_2h A7STM165
GC276	0.07	15.00	35.00	4.3900	Red_Deer_5yr_Chicago_2h A11STM239
GC277	0.05	8.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h GCMH1
GC278	0.04	10.00	50.00	3.4700	Red_Deer_5yr_Chicago_2h GCMH1
GC279	0.07	15.00	35.00	3.9800	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC28	0.09	15.00	50.00	3.4500	Red_Deer_5yr_Chicago_2h A5STM160
GC280	0.06	15.00	35.00	4.4100	Red_Deer_5yr_Chicago_2h B17STM685
GC281	0.06	15.00	35.00	5.0600	Red_Deer_5yr_Chicago_2h GCMH77
GC282	0.05	8.00	50.00	4.4200	Red_Deer_5yr_Chicago_2h A7STM165
GC283	0.31	15.00	70.00	3.6500	Red_Deer_5yr_Chicago_2h A12STM50
GC284	0.06	15.00	35.00	3.3100	Red_Deer_5yr_Chicago_2h A13STM2272
GC285	0.29	15.00	70.00	3.6600	Red_Deer_5yr_Chicago_2h A15STM4
GC286	0.06	15.00	35.00	3.0500	Red_Deer_5yr_Chicago_2h A13STM44
GC287	0.34	15.00	70.00	3.0600	Red_Deer_5yr_Chicago_2h A5STM160
GC288	0.04	8.00	50.00	3.8200	Red_Deer_5yr_Chicago_2h GCMH132
GC289	0.06	15.00	35.00	3.5400	Red_Deer_5yr_Chicago_2h A5STM161
GC29	0.08	8.00	50.00	2.8200	Red_Deer_5yr_Chicago_2h GCMH132
GC290	0.11	15.00	35.00	5.4300	Red_Deer_5yr_Chicago_2h A12STM50
GC291	0.05	8.00	50.00	3.9600	Red_Deer_5yr_Chicago_2h GCMH132
GC292	0.04	8.00	50.00	3.7900	Red_Deer_5yr_Chicago_2h A7STM165
GC293	0.52	15.00	70.00	2.8300	Red_Deer_5yr_Chicago_2h GCMH132
GC294	0.05	8.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h GCMH1

GC295	0.07	15.00	35.00	3.9500	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC296	0.04	10.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h GCMH1
GC297	0.09	15.00	35.00	5.4000	Red_Deer_5yr_Chicago_2h B17STM680
GC298	0.08	15.00	35.00	4.9800	Red_Deer_5yr_Chicago_2h A12STM50
GC299	0.04	8.00	50.00	4.3700	Red_Deer_5yr_Chicago_2h A7STM165
GC3	9.79	156.46	5.00	4.0300	Red_Deer_5yr_Chicago_2h GCMH88
GC30	0.08	8.00	50.00	3.5200	Red_Deer_5yr_Chicago_2h GCMH1
GC300	0.09	15.00	35.00	5.4100	Red_Deer_5yr_Chicago_2h A13STM2271
GC301	0.08	15.00	35.00	4.5100	Red_Deer_5yr_Chicago_2h B17STM680
GC302	0.06	15.00	35.00	3.5300	Red_Deer_5yr_Chicago_2h A11STM239
GC303	0.14	15.00	35.00	4.5500	Red_Deer_5yr_Chicago_2h B17STM680
GC304	0.07	15.00	35.00	4.6700	Red_Deer_5yr_Chicago_2h B17STM680
GC305	0.06	15.00	35.00	3.6200	Red_Deer_5yr_Chicago_2h A13STM44
GC306	0.06	15.00	35.00	3.5600	Red_Deer_5yr_Chicago_2h B17STM685
GC307	0.06	15.00	35.00	2.7200	Red_Deer_5yr_Chicago_2h A13STM2272
GC308	0.06	15.00	35.00	4.1800	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC309	0.09	15.00	35.00	4.4500	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC31	0.06	8.00	50.00	2.9900	Red_Deer_5yr_Chicago_2h GCMH132
GC310_1	0.17	15.00	70.00	2.9100	Red_Deer_5yr_Chicago_2h GCMH32
GC310_2	0.56	15.00	70.00	2.9100	Red_Deer_5yr_Chicago_2h GCMH1
GC311	0.06	15.00	35.00	3.4200	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Ph2
GC312	0.06	15.00	35.00	4.6300	Red_Deer_5yr_Chicago_2h A16STM689
GC313	0.06	15.00	35.00	5.9400	Red_Deer_5yr_Chicago_2h A16STM689
GC314	0.06	15.00	35.00	4.8800	Red_Deer_5yr_Chicago_2h A16STM688
GC315	0.06	15.00	35.00	3.5700	Red_Deer_5yr_Chicago_2h A16STM688
GC316	0.06	15.00	35.00	5.4300	Red_Deer_5yr_Chicago_2h B17STM685
GC317	0.04	8.00	50.00	4.1600	Red_Deer_5yr_Chicago_2h GCMH132
GC318	0.29	15.00	70.00	2.7200	Red_Deer_5yr_Chicago_2h A16STM689
GC319	0.14	15.00	35.00	3.3100	Red_Deer_5yr_Chicago_2h B17STM680
GC32	0.04	8.00	50.00	4.0600	Red_Deer_5yr_Chicago_2h A7STM165
GC320	0.05	8.00	50.00	4.3700	Red_Deer_5yr_Chicago_2h A7STM165
GC321	0.19	15.00	35.00	5.0900	Red_Deer_5yr_Chicago_2h A13STM46
GC322	0.10	15.00	35.00	3.4000	Red_Deer_5yr_Chicago_2h A11STM239
GC323	0.05	8.00	50.00	3.3900	Red_Deer_5yr_Chicago_2h GCMH1
GC324	0.71	42.08	5.00	5.9400	Red_Deer_5yr_Chicago_2h GCMH77
GC325	0.07	15.00	35.00	2.8200	Red_Deer_5yr_Chicago_2h A14STM31
GC326	0.05	8.00	50.00	3.2500	Red_Deer_5yr_Chicago_2h GCMH132
GC327	0.06	15.00	35.00	4.7900	Red_Deer_5yr_Chicago_2h A5STM161
GC328	0.09	15.00	35.00	5.3300	Red_Deer_5yr_Chicago_2h A12STM50
GC329	0.53	36.45	5.00	4.5400	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Phase1
GC33	0.13	8.00	50.00	3.5300	Red_Deer_5yr_Chicago_2h GCMH1
GC330	0.06	8.00	50.00	4.8800	Red_Deer_5yr_Chicago_2h A7STM165
GC331	0.06	15.00	35.00	3.9600	Red_Deer_5yr_Chicago_2h A13STM44
GC332	0.10	15.00	35.00	4.8100	Red_Deer_5yr_Chicago_2h A12STM50
GC333	0.08	15.00	35.00	3.1000	Red_Deer_5yr_Chicago_2h GCMH77
GC334	0.06	15.00	35.00	4.5800	Red_Deer_5yr_Chicago_2h A11STM239
GC335	0.06	15.00	35.00	4.2000	Red_Deer_5yr_Chicago_2h GCMH83
GC336	0.06	15.00	35.00	6.9500	Red_Deer_5yr_Chicago_2h GCMH83
GC337	0.06	15.00	35.00	5.7100	Red_Deer_5yr_Chicago_2h A5STM160
GC338	0.07	8.00	50.00	3.8900	Red_Deer_5yr_Chicago_2h GCMH132
GC339	0.06	15.00	35.00	5.9100	Red_Deer_5yr_Chicago_2h A5STM160
GC34	0.06	8.00	50.00	2.7600	Red_Deer_5yr_Chicago_2h GCMH1
GC340	0.06	15.00	35.00	5.2400	Red_Deer_5yr_Chicago_2h A5STM160
GC341	0.05	15.00	35.00	4.8600	Red_Deer_5yr_Chicago_2h A5STM160
GC342	0.06	15.00	35.00	5.9900	Red_Deer_5yr_Chicago_2h A5STM160
GC343	0.06	15.00	35.00	5.0700	Red_Deer_5yr_Chicago_2h A5STM160
GC344	0.06	15.00	35.00	4.3600	Red_Deer_5yr_Chicago_2h A5STM160
GC345	0.06	15.00	35.00	4.4100	Red_Deer_5yr_Chicago_2h A5STM160
GC346	0.06	15.00	35.00	7.3000	Red_Deer_5yr_Chicago_2h A5STM160
GC347	0.06	15.00	35.00	6.2500	Red_Deer_5yr_Chicago_2h A15STM5
GC348	0.06	15.00	35.00	6.4500	Red_Deer_5yr_Chicago_2h A15STM5
GC349	0.06	15.00	35.00	3.1400	Red_Deer_5yr_Chicago_2h B17STM685
GC35	0.05	8.00	50.00	2.6300	Red_Deer_5yr_Chicago_2h GCMH132
GC350	0.06	15.00	35.00	6.6300	Red_Deer_5yr_Chicago_2h A15STM5
GC351	0.06	15.00	35.00	6.7300	Red_Deer_5yr_Chicago_2h GCMH83
GC352	0.06	15.00	35.00	5.6200	Red_Deer_5yr_Chicago_2h GCMH83
GC353	0.06	15.00	35.00	3.5900	Red_Deer_5yr_Chicago_2h A14STM31
GC354	0.06	15.00	35.00	7.1700	Red_Deer_5yr_Chicago_2h GCMH83
GC355	0.15	15.00	70.00	3.7800	Red_Deer_5yr_Chicago_2h GCMH97
GC356	0.13	15.00	70.00	2.3800	Red_Deer_5yr_Chicago_2h A14STM33
GC357	0.06	15.00	35.00	4.1000	Red_Deer_5yr_Chicago_2h A5STM160
GC358	0.42	15.00	70.00	2.8200	Red_Deer_5yr_Chicago_2h A16STM688
GC359	0.06	15.00	35.00	3.2300	Red_Deer_5yr_Chicago_2h Fox_Run_PH14

GC36	0.06	8.00	50.00	2.5400	Red_Deer_5yr_Chicago_2h GCMH132
GC360	0.06	15.00	35.00	5.7400	Red_Deer_5yr_Chicago_2h A16STM689
GC361	0.06	15.00	35.00	2.9600	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Ph2
GC362	0.06	15.00	35.00	4.8100	Red_Deer_5yr_Chicago_2h A16STM688
GC363	0.09	15.00	35.00	3.0400	Red_Deer_5yr_Chicago_2h A13STM2271
GC364	0.37	15.00	70.00	2.4600	Red_Deer_5yr_Chicago_2h A14STM27
GC365	0.06	15.00	35.00	4.9100	Red_Deer_5yr_Chicago_2h A16STM689
GC366	0.06	15.00	35.00	5.8600	Red_Deer_5yr_Chicago_2h B17STM685
GC367	0.06	15.00	35.00	4.1400	Red_Deer_5yr_Chicago_2h A16STM688
GC368	0.06	15.00	35.00	4.4900	Red_Deer_5yr_Chicago_2h GCMH77
GC369	0.04	8.00	50.00	3.0200	Red_Deer_5yr_Chicago_2h GCMH132
GC37	0.08	8.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h GCMH1
GC370	0.33	15.00	70.00	3.2100	Red_Deer_5yr_Chicago_2h A11STM239
GC371	0.06	15.00	35.00	3.9300	Red_Deer_5yr_Chicago_2h A13STM44
GC372	0.16	10.00	50.00	6.0700	Red_Deer_5yr_Chicago_2h GCMH1
GC373	0.09	15.00	35.00	5.7300	Red_Deer_5yr_Chicago_2h B17STM680
GC374	0.06	15.00	35.00	4.1300	Red_Deer_5yr_Chicago_2h A11STM239
GC375	0.13	15.00	35.00	3.8500	Red_Deer_5yr_Chicago_2h A13STM2271
GC376	0.06	15.00	35.00	6.1600	Red_Deer_5yr_Chicago_2h A5STM161
GC378	0.10	15.00	35.00	5.0800	Red_Deer_5yr_Chicago_2h A13STM46
GC379	0.11	16.33	5.00	7.3800	Red_Deer_5yr_Chicago_2h GCMH98
GC38	0.05	8.00	50.00	2.7800	Red_Deer_5yr_Chicago_2h GCMH1
GC380	0.14	15.00	70.00	3.4200	Red_Deer_5yr_Chicago_2h A6STM163
GC381	0.76	15.00	70.00	4.7900	Red_Deer_5yr_Chicago_2h GCMH107
GC382	0.06	15.00	35.00	3.7200	Red_Deer_5yr_Chicago_2h A11STM239
GC383	0.08	15.00	35.00	3.8000	Red_Deer_5yr_Chicago_2h A11STM239
GC384	0.10	15.00	35.00	4.0900	Red_Deer_5yr_Chicago_2h A12STM50
GC385	0.06	15.00	35.00	3.3100	Red_Deer_5yr_Chicago_2h B17STM685
GC386	0.20	15.00	35.00	4.3500	Red_Deer_5yr_Chicago_2h A13STM46
GC387	0.06	15.00	35.00	4.5200	Red_Deer_5yr_Chicago_2h A11STM239
GC388	0.10	15.00	35.00	3.4900	Red_Deer_5yr_Chicago_2h B17STM680
GC389	0.06	15.00	35.00	3.9200	Red_Deer_5yr_Chicago_2h A13STM44
GC39	0.07	8.00	50.00	4.6800	Red_Deer_5yr_Chicago_2h A7STM165
GC390	0.04	8.00	50.00	2.8200	Red_Deer_5yr_Chicago_2h GCMH132
GC391	0.06	15.00	35.00	2.9600	Red_Deer_5yr_Chicago_2h Fox_Run_PH14
GC392	0.04	8.00	50.00	4.0500	Red_Deer_5yr_Chicago_2h GCMH132
GC393	0.06	15.00	35.00	5.1700	Red_Deer_5yr_Chicago_2h A16STM688
GC394	0.06	15.00	35.00	6.3600	Red_Deer_5yr_Chicago_2h B17STM685
GC395	0.06	15.00	35.00	4.7800	Red_Deer_5yr_Chicago_2h A16STM688
GC396	0.06	15.00	35.00	2.9900	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Ph2
GC397	0.06	15.00	35.00	7.1800	Red_Deer_5yr_Chicago_2h A16STM689
GC398	0.06	15.00	35.00	6.3000	Red_Deer_5yr_Chicago_2h A16STM689
GC399	0.03	16.94	20.00	2.7900	Red_Deer_5yr_Chicago_2h GCMH91
GC4	0.81	44.94	5.00	7.3000	Red_Deer_5yr_Chicago_2h CULV5170
GC40	0.11	8.00	50.00	3.3500	Red_Deer_5yr_Chicago_2h GCMH132
GC400	0.06	15.00	35.00	4.4000	Red_Deer_5yr_Chicago_2h A11STM239
GC401	0.02	15.78	20.00	3.3100	Red_Deer_5yr_Chicago_2h GCMH91
GC402	0.02	15.46	20.00	4.1700	Red_Deer_5yr_Chicago_2h GCMH91
GC403	0.02	15.46	20.00	4.9700	Red_Deer_5yr_Chicago_2h GCMH91
GC404	0.02	15.46	20.00	5.3300	Red_Deer_5yr_Chicago_2h GCMH91
GC405	0.02	15.46	20.00	5.0200	Red_Deer_5yr_Chicago_2h GCMH91
GC406	0.02	15.46	20.00	4.3300	Red_Deer_5yr_Chicago_2h GCMH91
GC407	0.02	15.46	20.00	3.4200	Red_Deer_5yr_Chicago_2h GCMH91
GC408	0.02	15.46	20.00	3.5000	Red_Deer_5yr_Chicago_2h GCMH91
GC409	0.02	15.46	20.00	3.5800	Red_Deer_5yr_Chicago_2h GCMH91
GC41	0.60	38.88	5.00	5.4500	Red_Deer_5yr_Chicago_2h GCMH140
GC410	0.02	15.46	20.00	4.0000	Red_Deer_5yr_Chicago_2h GCMH91
GC411	0.02	15.46	20.00	3.7800	Red_Deer_5yr_Chicago_2h GCMH91
GC412	0.06	8.00	50.00	3.7700	Red_Deer_5yr_Chicago_2h B7STM167
GC413	0.02	15.46	20.00	2.9100	Red_Deer_5yr_Chicago_2h GCMH91
GC414	0.12	15.00	35.00	4.9400	Red_Deer_5yr_Chicago_2h A13STM46
GC415	0.03	16.06	20.00	3.4800	Red_Deer_5yr_Chicago_2h GCMH91
GC416	0.07	15.00	35.00	3.5900	Red_Deer_5yr_Chicago_2h A11STM239
GC417	0.03	18.63	20.00	2.7200	Red_Deer_5yr_Chicago_2h GCMH91
GC418	0.06	15.00	35.00	4.5300	Red_Deer_5yr_Chicago_2h A13STM44
GC419	0.07	15.00	35.00	6.2300	Red_Deer_5yr_Chicago_2h B17STM680
GC42	0.07	15.00	35.00	3.7600	Red_Deer_5yr_Chicago_2h A5STM158
GC420	0.05	21.45	20.00	3.8100	Red_Deer_5yr_Chicago_2h GCMH91
GC421	0.06	15.00	35.00	2.7400	Red_Deer_5yr_Chicago_2h Fox_Run_PH14
GC422	0.06	8.00	50.00	3.1800	Red_Deer_5yr_Chicago_2h GCMH32
GC423	0.05	8.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h B7STM167
GC424	0.04	8.00	50.00	3.8100	Red_Deer_5yr_Chicago_2h GCMH132
GC425	0.07	15.00	35.00	3.6600	Red_Deer_5yr_Chicago_2h B11STM238

GC426	0.06	15.00	35.00	2.9300	Red_Deer_5yr_Chicago_2h	B17STM685
GC427	0.05	8.00	50.00	3.0800	Red_Deer_5yr_Chicago_2h	GCMH132
GC428	1.09	52.20	5.00	7.2300	Red_Deer_5yr_Chicago_2h	Lakeway_Landing_Phase1
GC429	1.47	51.07	30.00	3.6400	Red_Deer_5yr_Chicago_2h	J19
GC43	0.66	15.00	50.00	4.8300	Red_Deer_5yr_Chicago_2h	GCMH123
GC430	0.04	8.00	50.00	3.2500	Red_Deer_5yr_Chicago_2h	GCMH32
GC432	0.10	15.00	35.00	3.9300	Red_Deer_5yr_Chicago_2h	A12STM50
GC433	0.06	15.00	35.00	5.0500	Red_Deer_5yr_Chicago_2h	A16STM688
GC434	0.06	15.00	35.00	6.2500	Red_Deer_5yr_Chicago_2h	B17STM685
GC435	0.06	15.00	35.00	2.7000	Red_Deer_5yr_Chicago_2h	Lakeway_Landing_Ph2
GC436	0.06	15.00	35.00	5.9000	Red_Deer_5yr_Chicago_2h	A16STM688
GC437	0.02	15.56	20.00	3.1500	Red_Deer_5yr_Chicago_2h	GCMH91
GC438	0.08	15.00	35.00	4.1100	Red_Deer_5yr_Chicago_2h	A11STM239
GC439	0.04	8.00	50.00	4.0500	Red_Deer_5yr_Chicago_2h	B7STM167
GC44	0.05	15.00	35.00	3.0900	Red_Deer_5yr_Chicago_2h	A5STM161
GC440	0.06	15.00	35.00	4.6700	Red_Deer_5yr_Chicago_2h	B14STM30
GC441	0.04	18.87	20.00	2.9300	Red_Deer_5yr_Chicago_2h	GCMH91
GC442	0.06	15.00	70.00	2.1000	Red_Deer_5yr_Chicago_2h	GCMH91
GC443	0.07	15.00	35.00	4.1700	Red_Deer_5yr_Chicago_2h	B11STM238
GC444	0.07	15.00	35.00	3.6100	Red_Deer_5yr_Chicago_2h	B11STM238
GC445	0.06	15.00	35.00	3.3300	Red_Deer_5yr_Chicago_2h	Fox_Run_PH14
GC446	0.08	15.00	35.00	6.5600	Red_Deer_5yr_Chicago_2h	A16STM689
GC447	0.07	15.00	35.00	7.1000	Red_Deer_5yr_Chicago_2h	A16STM689
GC448	0.07	15.00	35.00	3.9500	Red_Deer_5yr_Chicago_2h	B17STM680
GC449	0.14	15.00	35.00	3.2800	Red_Deer_5yr_Chicago_2h	B17STM680
GC45	0.09	15.00	35.00	3.7500	Red_Deer_5yr_Chicago_2h	A15STM2
GC450	0.04	8.00	50.00	3.6700	Red_Deer_5yr_Chicago_2h	B7STM167
GC451	0.04	8.00	50.00	4.5300	Red_Deer_5yr_Chicago_2h	GCMH132
GC452	0.05	8.00	50.00	3.4000	Red_Deer_5yr_Chicago_2h	GCMH32
GC453	0.18	15.00	70.00	2.4700	Red_Deer_5yr_Chicago_2h	GCMH91
GC454	0.07	15.00	35.00	5.6700	Red_Deer_5yr_Chicago_2h	B17STM680
GC455	0.04	8.00	50.00	3.5300	Red_Deer_5yr_Chicago_2h	GCMH32
GC456	0.09	15.00	35.00	3.9800	Red_Deer_5yr_Chicago_2h	A11STM239
GC457	0.07	15.00	35.00	4.1400	Red_Deer_5yr_Chicago_2h	B17STM680
GC458	3.07	87.65	5.00	5.1300	Red_Deer_5yr_Chicago_2h	A13STM45
GC459	0.24	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h	A13STM46
GC46	0.10	15.00	50.00	3.1500	Red_Deer_5yr_Chicago_2h	A5STM160
GC460	0.06	15.00	35.00	3.1200	Red_Deer_5yr_Chicago_2h	B17STM685
GC461	0.07	15.00	35.00	4.0300	Red_Deer_5yr_Chicago_2h	B14STM35
GC462	0.05	8.00	50.00	3.9200	Red_Deer_5yr_Chicago_2h	GCMH132
GC463	0.07	15.00	35.00	4.2200	Red_Deer_5yr_Chicago_2h	B14STM35
GC464	0.07	15.00	35.00	4.1900	Red_Deer_5yr_Chicago_2h	GCMH6
GC465	0.07	15.00	35.00	3.8000	Red_Deer_5yr_Chicago_2h	GCMH6
GC466	0.10	15.00	35.00	4.2300	Red_Deer_5yr_Chicago_2h	Lakeway_Landing_Phase1
GC467	0.07	15.00	35.00	3.9800	Red_Deer_5yr_Chicago_2h	Lakeway_Landing_Phase1
GC468	0.07	15.00	35.00	3.9000	Red_Deer_5yr_Chicago_2h	B11STM238
GC469	0.08	15.00	35.00	3.4200	Red_Deer_5yr_Chicago_2h	A11STM239
GC47	0.08	15.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h	A5STM160
GC470	0.04	8.00	50.00	4.6000	Red_Deer_5yr_Chicago_2h	B7STM167
GC471	0.03	17.35	20.00	2.6200	Red_Deer_5yr_Chicago_2h	GCMH91
GC472	0.03	16.25	20.00	2.3000	Red_Deer_5yr_Chicago_2h	GCMH91
GC473	0.08	15.00	35.00	3.7600	Red_Deer_5yr_Chicago_2h	B14STM35
GC474	0.07	15.00	35.00	6.0400	Red_Deer_5yr_Chicago_2h	Lakeway_Landing_Phase1
GC475	0.06	15.00	35.00	5.2400	Red_Deer_5yr_Chicago_2h	A16STM688
GC476	0.06	15.00	35.00	6.4200	Red_Deer_5yr_Chicago_2h	B17STM685
GC477	0.27	15.00	70.00	3.2400	Red_Deer_5yr_Chicago_2h	B15STM20
GC478	0.06	15.00	35.00	3.0300	Red_Deer_5yr_Chicago_2h	Fox_Run_PH14
GC479	0.27	15.00	70.00	2.6700	Red_Deer_5yr_Chicago_2h	B17STM685
GC48	0.06	15.00	35.00	4.4000	Red_Deer_5yr_Chicago_2h	A5STM161
GC480	0.07	15.00	35.00	5.1700	Red_Deer_5yr_Chicago_2h	B11STM238
GC481	0.03	16.22	20.00	4.2800	Red_Deer_5yr_Chicago_2h	GCMH91
GC482	0.09	15.00	35.00	3.8400	Red_Deer_5yr_Chicago_2h	A13STM46
GC483	0.06	15.00	35.00	3.3500	Red_Deer_5yr_Chicago_2h	Lakeway_Landing_Ph2
GC484	0.04	8.00	50.00	4.1600	Red_Deer_5yr_Chicago_2h	B7STM167
GC485	0.20	22.43	5.00	4.3700	Red_Deer_5yr_Chicago_2h	Fox_Run_PH14
GC486	0.06	15.00	35.00	6.7700	Red_Deer_5yr_Chicago_2h	A16STM688
GC487	0.02	15.43	20.00	2.9300	Red_Deer_5yr_Chicago_2h	GCMH91
GC488	0.02	15.43	20.00	3.5000	Red_Deer_5yr_Chicago_2h	GCMH91
GC489	0.02	15.43	20.00	2.9400	Red_Deer_5yr_Chicago_2h	GCMH91

GC49	0.07	15.00	35.00	3.3200	Red_Deer_5yr_Chicago_2h A5STM158
GC490	0.02	15.43	20.00	3.0600	Red_Deer_5yr_Chicago_2h GCMH91
GC491	0.02	15.43	20.00	3.1600	Red_Deer_5yr_Chicago_2h GCMH91
GC492	0.02	15.43	20.00	3.6500	Red_Deer_5yr_Chicago_2h GCMH91
GC493	0.02	15.43	20.00	3.2900	Red_Deer_5yr_Chicago_2h GCMH91
GC494	0.02	15.43	20.00	3.4100	Red_Deer_5yr_Chicago_2h GCMH91
GC495	0.02	15.43	20.00	3.2300	Red_Deer_5yr_Chicago_2h GCMH91
GC496	0.02	15.49	20.00	2.4200	Red_Deer_5yr_Chicago_2h GCMH91
GC497	0.12	15.00	35.00	2.8700	Red_Deer_5yr_Chicago_2h A13STM46
GC498	0.07	15.00	35.00	6.0300	Red_Deer_5yr_Chicago_2h A15STM5
GC499	0.02	15.36	20.00	2.6700	Red_Deer_5yr_Chicago_2h GCMH91
GC5	6.15	15.00	70.00	7.3200	Red_Deer_5yr_Chicago_2h GCMH56
GC50	0.07	15.00	35.00	3.4500	Red_Deer_5yr_Chicago_2h A14STM25
GC500	1.05	51.29	5.00	3.9400	Red_Deer_5yr_Chicago_2h GCMH56
GC501	0.04	19.82	20.00	2.4600	Red_Deer_5yr_Chicago_2h GCMH91
GC502	0.04	8.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h GCMH32
GC503	0.04	8.00	50.00	3.7400	Red_Deer_5yr_Chicago_2h GCMH132
GC504	0.05	8.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h GCMH32
GC505	0.08	15.00	35.00	6.3400	Red_Deer_5yr_Chicago_2h A16STM689
GC506	0.06	15.00	35.00	6.1300	Red_Deer_5yr_Chicago_2h A15STM5
GC507	0.10	15.00	35.00	6.0000	Red_Deer_5yr_Chicago_2h A16STM689
GC508	0.05	8.00	50.00	4.6800	Red_Deer_5yr_Chicago_2h B7STM167
GC509	0.04	8.00	50.00	2.8000	Red_Deer_5yr_Chicago_2h GCMH132
GC51	0.06	15.00	35.00	3.1400	Red_Deer_5yr_Chicago_2h A14STM25
GC510	0.06	15.00	35.00	3.9300	Red_Deer_5yr_Chicago_2h B14STM30
GC511	0.03	16.55	20.00	3.1000	Red_Deer_5yr_Chicago_2h GCMH91
GC512	0.03	17.58	20.00	2.6600	Red_Deer_5yr_Chicago_2h GCMH91
GC513	0.10	15.00	35.00	4.7800	Red_Deer_5yr_Chicago_2h B11STM238
GC514	0.07	15.00	35.00	4.9800	Red_Deer_5yr_Chicago_2h B17STM680
GC515	0.06	15.00	35.00	3.2500	Red_Deer_5yr_Chicago_2h B17STM685
GC516	0.08	15.00	35.00	5.0600	Red_Deer_5yr_Chicago_2h B11STM238
GC517	0.07	15.00	35.00	4.3900	Red_Deer_5yr_Chicago_2h B11STM238
GC518	0.02	15.40	20.00	3.3900	Red_Deer_5yr_Chicago_2h GCMH91
GC519	0.05	8.00	50.00	3.9000	Red_Deer_5yr_Chicago_2h B7STM167
GC52	0.14	15.00	35.00	6.1400	Red_Deer_5yr_Chicago_2h A15STM2
GC520	0.06	15.00	35.00	3.7300	Red_Deer_5yr_Chicago_2h B14STM30
GC521	0.04	8.00	50.00	3.3300	Red_Deer_5yr_Chicago_2h GCMH32
GC522	0.07	15.00	35.00	5.9000	Red_Deer_5yr_Chicago_2h A15STM5
GC523	0.06	15.00	35.00	6.5500	Red_Deer_5yr_Chicago_2h B17STM685
GC524	0.04	8.00	50.00	3.3800	Red_Deer_5yr_Chicago_2h GCMH132
GC525	0.07	15.00	35.00	5.5600	Red_Deer_5yr_Chicago_2h A16STM688
GC526	0.06	8.00	50.00	3.4500	Red_Deer_5yr_Chicago_2h GCMH32
GC527	0.02	15.40	20.00	4.3300	Red_Deer_5yr_Chicago_2h GCMH91
GC528	0.10	15.00	35.00	3.7800	Red_Deer_5yr_Chicago_2h A13STM46
GC529	0.09	15.00	35.00	3.4400	Red_Deer_5yr_Chicago_2h A13STM46
GC53	0.04	8.00	50.00	4.3300	Red_Deer_5yr_Chicago_2h A7STM165
GC530	0.05	8.00	50.00	4.4500	Red_Deer_5yr_Chicago_2h B7STM167
GC531	0.04	8.00	50.00	2.7100	Red_Deer_5yr_Chicago_2h GCMH132
GC532	0.02	15.49	20.00	2.8500	Red_Deer_5yr_Chicago_2h GCMH91
GC533	0.03	16.55	20.00	2.7400	Red_Deer_5yr_Chicago_2h GCMH91
GC534	0.03	17.58	20.00	2.7500	Red_Deer_5yr_Chicago_2h GCMH91
GC535	0.02	15.49	20.00	2.9400	Red_Deer_5yr_Chicago_2h GCMH91
GC536	0.02	15.43	20.00	3.7100	Red_Deer_5yr_Chicago_2h GCMH91
GC537	0.02	15.43	20.00	3.8700	Red_Deer_5yr_Chicago_2h GCMH91
GC538	0.02	15.43	20.00	4.2900	Red_Deer_5yr_Chicago_2h GCMH91
GC539	0.02	15.43	20.00	3.8100	Red_Deer_5yr_Chicago_2h GCMH91
GC54	0.07	15.00	35.00	5.7600	Red_Deer_5yr_Chicago_2h A15STM3
GC540	0.02	15.43	20.00	3.9400	Red_Deer_5yr_Chicago_2h GCMH91
GC541	0.02	15.43	20.00	3.2100	Red_Deer_5yr_Chicago_2h GCMH91
GC542	0.02	15.43	20.00	3.1700	Red_Deer_5yr_Chicago_2h GCMH91
GC543	0.02	15.43	20.00	3.8400	Red_Deer_5yr_Chicago_2h GCMH91
GC544	0.02	15.43	20.00	4.0300	Red_Deer_5yr_Chicago_2h GCMH91
GC545	0.02	15.43	20.00	4.3600	Red_Deer_5yr_Chicago_2h GCMH91
GC546	0.09	15.00	35.00	5.6700	Red_Deer_5yr_Chicago_2h A16STM688
GC547	0.19	15.00	70.00	2.7300	Red_Deer_5yr_Chicago_2h B14STM35
GC548	0.02	15.36	20.00	2.7400	Red_Deer_5yr_Chicago_2h GCMH91
GC549	0.04	8.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h GCMH32
GC55	0.07	15.00	35.00	7.1700	Red_Deer_5yr_Chicago_2h A12STM53
GC550	0.05	8.00	50.00	3.8700	Red_Deer_5yr_Chicago_2h B7STM167
GC551	0.09	15.00	35.00	5.2000	Red_Deer_5yr_Chicago_2h B11STM238
GC552	0.07	15.00	35.00	5.1300	Red_Deer_5yr_Chicago_2h B17STM680
GC553	0.06	15.00	35.00	5.4700	Red_Deer_5yr_Chicago_2h B11STM238
GC554	0.07	15.00	35.00	6.2000	Red_Deer_5yr_Chicago_2h GCMH83
GC555	0.06	15.00	35.00	2.7500	Red_Deer_5yr_Chicago_2h B17STM685
GC556	0.27	15.00	70.00	2.6300	Red_Deer_5yr_Chicago_2h GCMH6

GC557	0.07	15.00	35.00	3.5900 Red_Deer_5yr_Chicago_2h B17STM680
GC558	0.04	8.00	50.00	2.9300 Red_Deer_5yr_Chicago_2h GCMH55
GC559	0.07	15.00	35.00	4.0200 Red_Deer_5yr_Chicago_2h B11STM238
GC56	0.06	15.00	35.00	2.9500 Red_Deer_5yr_Chicago_2h A14STM25
GC560	0.22	15.00	70.00	3.6200 Red_Deer_5yr_Chicago_2h B7STM167
GC561	0.05	8.00	50.00	4.1700 Red_Deer_5yr_Chicago_2h GCMH32
GC562	0.13	15.00	35.00	3.2200 Red_Deer_5yr_Chicago_2h B17STM680
GC563	0.06	15.00	35.00	3.3000 Red_Deer_5yr_Chicago_2h B17STM680
GC564	0.06	15.00	35.00	6.3400 Red_Deer_5yr_Chicago_2h B17STM685
GC565	0.12	15.00	35.00	3.6700 Red_Deer_5yr_Chicago_2h B14STM30
GC566	0.02	15.43	20.00	3.8400 Red_Deer_5yr_Chicago_2h GCMH91
GC567	3.64	15.00	70.00	6.0000 Red_Deer_5yr_Chicago_2h J67
GC568	0.05	8.00	50.00	4.4400 Red_Deer_5yr_Chicago_2h B7STM167
GC569	0.03	16.52	20.00	2.8500 Red_Deer_5yr_Chicago_2h GCMH91
GC57	0.06	15.00	35.00	2.9600 Red_Deer_5yr_Chicago_2h A14STM25
GC570	0.03	17.58	20.00	2.9700 Red_Deer_5yr_Chicago_2h GCMH91
GC571	0.07	15.00	35.00	4.0000 Red_Deer_5yr_Chicago_2h B14STM35
GC572	0.05	8.00	50.00	3.8000 Red_Deer_5yr_Chicago_2h GCMH55
GC573	0.02	15.36	20.00	3.0500 Red_Deer_5yr_Chicago_2h GCMH91
GC574	0.04	8.00	50.00	3.0400 Red_Deer_5yr_Chicago_2h GCMH32
GC575	0.09	15.00	35.00	5.3600 Red_Deer_5yr_Chicago_2h B11STM238
GC576	0.09	15.00	35.00	3.2000 Red_Deer_5yr_Chicago_2h B14STM30
GC577	0.18	15.00	35.00	3.3500 Red_Deer_5yr_Chicago_2h B12STM229
GC578	0.56	15.00	70.00	2.9200 Red_Deer_5yr_Chicago_2h B17STM680
GC579	0.04	8.00	50.00	3.5900 Red_Deer_5yr_Chicago_2h B7STM167
GC58	0.10	15.00	35.00	6.8300 Red_Deer_5yr_Chicago_2h A15STM3
GC580	0.06	15.00	35.00	5.3600 Red_Deer_5yr_Chicago_2h B11STM238
GC581	0.06	15.00	35.00	6.9100 Red_Deer_5yr_Chicago_2h GCMH83
GC582	0.08	15.00	35.00	3.8400 Red_Deer_5yr_Chicago_2h B11STM238
GC583	0.09	15.00	35.00	5.6000 Red_Deer_5yr_Chicago_2h A16STM688
GC584	1.38	55.00	70.00	4.8800 Red_Deer_5yr_Chicago_2h GCMH91
GC585	0.09	15.00	35.00	3.9200 Red_Deer_5yr_Chicago_2h B11STM238
GC586	0.09	15.00	35.00	3.3000 Red_Deer_5yr_Chicago_2h B11STM238
GC587	0.22	15.00	70.00	2.4300 Red_Deer_5yr_Chicago_2h GCMH91
GC588	0.51	15.00	70.00	3.1100 Red_Deer_5yr_Chicago_2h B11STM238
GC589	0.08	15.00	35.00	7.3200 Red_Deer_5yr_Chicago_2h B13STM240
GC59	0.06	15.00	35.00	5.1600 Red_Deer_5yr_Chicago_2h A15STM2
GC590	0.05	8.00	50.00	3.0900 Red_Deer_5yr_Chicago_2h GCMH55
GC591	0.06	15.00	35.00	2.8800 Red_Deer_5yr_Chicago_2h B17STM685
GC592	0.07	15.00	35.00	5.1000 Red_Deer_5yr_Chicago_2h B17STM680
GC593	0.08	15.00	35.00	7.1300 Red_Deer_5yr_Chicago_2h A16STM688
GC594	0.13	15.00	35.00	3.6700 Red_Deer_5yr_Chicago_2h A13STM46
GC595	0.06	8.00	50.00	4.5100 Red_Deer_5yr_Chicago_2h GCMH32
GC596	0.05	8.00	50.00	4.2600 Red_Deer_5yr_Chicago_2h B7STM167
GC597	0.03	16.52	20.00	2.2900 Red_Deer_5yr_Chicago_2h GCMH91
GC598	0.03	17.58	20.00	2.7100 Red_Deer_5yr_Chicago_2h GCMH91
GC599	0.07	15.00	35.00	4.1300 Red_Deer_5yr_Chicago_2h B11STM238
GC6	2.62	161.94	5.00	12.9600 Red_Deer_5yr_Chicago_2h GCMH88
GC60	0.06	15.00	35.00	4.2000 Red_Deer_5yr_Chicago_2h A15STM2
GC600	0.04	8.00	50.00	2.7300 Red_Deer_5yr_Chicago_2h GCMH32
GC601	0.06	15.00	35.00	6.0800 Red_Deer_5yr_Chicago_2h B13STM240
GC602	0.02	15.36	20.00	3.1700 Red_Deer_5yr_Chicago_2h GCMH91
GC603	0.12	15.00	35.00	3.3200 Red_Deer_5yr_Chicago_2h A13STM46
GC605	0.04	8.00	50.00	3.7300 Red_Deer_5yr_Chicago_2h B7STM167
GC606	0.03	17.32	20.00	3.3200 Red_Deer_5yr_Chicago_2h GCMH91
GC607	0.11	15.00	35.00	2.9900 Red_Deer_5yr_Chicago_2h B14STM30
GC608	0.08	15.00	35.00	6.1100 Red_Deer_5yr_Chicago_2h A16STM688
GC609	0.09	15.00	35.00	4.4000 Red_Deer_5yr_Chicago_2h B12STM229
GC61	0.06	15.00	35.00	4.4800 Red_Deer_5yr_Chicago_2h A15STM2
GC610	0.07	15.00	35.00	6.4700 Red_Deer_5yr_Chicago_2h GCMH83
GC611	0.05	8.00	50.00	3.1100 Red_Deer_5yr_Chicago_2h GCMH55
GC612	0.06	15.00	35.00	5.2600 Red_Deer_5yr_Chicago_2h B11STM238
GC613	0.25	15.00	70.00	3.3700 Red_Deer_5yr_Chicago_2h B15STM16
GC614	0.07	15.00	35.00	4.0700 Red_Deer_5yr_Chicago_2h B14STM35
GC615	0.06	15.00	35.00	6.2300 Red_Deer_5yr_Chicago_2h B13STM240
GC616	0.04	8.00	50.00	2.4500 Red_Deer_5yr_Chicago_2h GCMH55
GC617	0.06	15.00	35.00	2.9000 Red_Deer_5yr_Chicago_2h B14STM35
GC618	0.06	15.00	35.00	2.8500 Red_Deer_5yr_Chicago_2h B14STM35
GC619	0.06	15.00	35.00	3.2400 Red_Deer_5yr_Chicago_2h B14STM35
GC62	0.06	15.00	35.00	3.8600 Red_Deer_5yr_Chicago_2h A13STM2274
GC620	0.07	15.00	35.00	3.8100 Red_Deer_5yr_Chicago_2h GCMH6
GC621	0.06	15.00	35.00	3.6200 Red_Deer_5yr_Chicago_2h GCMH6
GC622	0.06	15.00	35.00	3.2200 Red_Deer_5yr_Chicago_2h GCMH6
GC623	0.05	8.00	50.00	4.2700 Red_Deer_5yr_Chicago_2h B7STM167
GC624	0.06	15.00	35.00	3.0200 Red_Deer_5yr_Chicago_2h GCMH6

GC625	0.06	15.00	35.00	3.1500	Red_Deer_5yr_Chicago_2h GCMH6
GC626	0.05	8.00	50.00	4.6800	Red_Deer_5yr_Chicago_2h GCMH32
GC627	0.06	15.00	35.00	5.0300	Red_Deer_5yr_Chicago_2h GCMH83
GC628	0.04	8.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h GCMH32
GC629	0.07	15.00	35.00	2.9200	Red_Deer_5yr_Chicago_2h B14STM35
GC63	0.08	15.00	35.00	3.9600	Red_Deer_5yr_Chicago_2h A15STM2
GC630	0.10	15.00	35.00	2.7700	Red_Deer_5yr_Chicago_2h B17STM680
GC631	0.08	15.00	35.00	4.0900	Red_Deer_5yr_Chicago_2h B15STM15
GC632	0.02	15.33	20.00	3.2300	Red_Deer_5yr_Chicago_2h GCMH91
GC633	0.04	8.00	50.00	3.7100	Red_Deer_5yr_Chicago_2h B7STM167
GC634	0.03	16.52	20.00	3.2100	Red_Deer_5yr_Chicago_2h GCMH91
GC635	0.03	17.58	20.00	2.8000	Red_Deer_5yr_Chicago_2h GCMH91
GC636	0.07	15.00	35.00	3.2300	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Ph2
GC637	0.06	15.00	35.00	6.5800	Red_Deer_5yr_Chicago_2h GCMH83
GC638	0.11	15.00	35.00	3.4900	Red_Deer_5yr_Chicago_2h B12STM229
GC639	0.03	17.32	20.00	2.7000	Red_Deer_5yr_Chicago_2h GCMH91
GC64	0.08	15.00	35.00	6.2900	Red_Deer_5yr_Chicago_2h A12STM53
GC640	0.06	15.00	35.00	6.4600	Red_Deer_5yr_Chicago_2h B13STM240
GC641	0.07	15.00	35.00	6.5200	Red_Deer_5yr_Chicago_2h GCMH83
GC642	0.06	15.00	35.00	4.4500	Red_Deer_5yr_Chicago_2h B13STM241
GC643	0.04	8.00	50.00	3.3400	Red_Deer_5yr_Chicago_2h GCMH55
GC644	0.06	15.00	35.00	5.2000	Red_Deer_5yr_Chicago_2h B11STM238
GC645	0.07	15.00	35.00	5.0400	Red_Deer_5yr_Chicago_2h GCMH83
GC646	0.07	15.00	35.00	4.8200	Red_Deer_5yr_Chicago_2h B11STM238
GC647	0.05	8.00	50.00	3.7600	Red_Deer_5yr_Chicago_2h B7STM168
GC648	0.63	79.11	20.00	3.3200	Red_Deer_5yr_Chicago_2h GCMH91
GC649	0.07	8.00	50.00	5.9000	Red_Deer_5yr_Chicago_2h B7STM168
GC65	0.06	15.00	35.00	5.7900	Red_Deer_5yr_Chicago_2h A13STM54
GC650	0.07	15.00	35.00	5.0900	Red_Deer_5yr_Chicago_2h B14STM37
GC651	0.05	8.00	50.00	4.9600	Red_Deer_5yr_Chicago_2h B7STM167
GC652	0.08	15.00	35.00	3.8500	Red_Deer_5yr_Chicago_2h B15STM14
GC653	0.07	15.00	35.00	3.7400	Red_Deer_5yr_Chicago_2h B12STM229
GC654	0.07	15.00	35.00	6.0400	Red_Deer_5yr_Chicago_2h B17STM684
GC655	0.05	8.00	50.00	2.5800	Red_Deer_5yr_Chicago_2h GCMH55
GC656	0.06	15.00	35.00	5.6900	Red_Deer_5yr_Chicago_2h B13STM240
GC657	0.04	8.00	50.00	3.1300	Red_Deer_5yr_Chicago_2h GCMH32
GC658	0.02	15.30	20.00	3.0900	Red_Deer_5yr_Chicago_2h GCMH91
GC659	0.05	8.00	50.00	3.6500	Red_Deer_5yr_Chicago_2h B7STM167
GC66	0.09	15.00	35.00	5.1100	Red_Deer_5yr_Chicago_2h A13STM54
GC660	0.13	15.00	70.00	2.7200	Red_Deer_5yr_Chicago_2h GCMH91
GC661	0.03	16.52	20.00	3.2900	Red_Deer_5yr_Chicago_2h GCMH91
GC662	0.03	17.58	20.00	3.1700	Red_Deer_5yr_Chicago_2h GCMH91
GC663	0.10	15.00	35.00	6.4600	Red_Deer_5yr_Chicago_2h B17STM684
GC664	0.07	8.00	50.00	5.2400	Red_Deer_5yr_Chicago_2h GCMH32
GC665	0.06	15.00	35.00	5.5900	Red_Deer_5yr_Chicago_2h B13STM241
GC666	0.03	17.32	20.00	2.7500	Red_Deer_5yr_Chicago_2h GCMH91
GC667	0.06	15.00	35.00	6.9700	Red_Deer_5yr_Chicago_2h B13STM240
GC668	0.07	15.00	35.00	5.7800	Red_Deer_5yr_Chicago_2h B11STM238
GC669	0.07	15.00	35.00	3.4100	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Ph2
GC67	0.08	15.00	35.00	6.1700	Red_Deer_5yr_Chicago_2h A12STM53
GC670	2.41	77.63	5.00	5.1000	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Ph2
GC671	0.06	8.00	50.00	3.9500	Red_Deer_5yr_Chicago_2h GCMH55
GC672	0.06	15.00	35.00	2.5800	Red_Deer_5yr_Chicago_2h B17STM684
GC673	0.06	15.00	35.00	6.0000	Red_Deer_5yr_Chicago_2h B17STM679
GC674	0.06	8.00	50.00	3.6900	Red_Deer_5yr_Chicago_2h B7STM167
GC675	0.06	8.00	50.00	5.2100	Red_Deer_5yr_Chicago_2h B7STM168
GC676	0.07	15.00	35.00	3.8800	Red_Deer_5yr_Chicago_2h B11STM231
GC677	0.02	15.30	20.00	2.7900	Red_Deer_5yr_Chicago_2h GCMH91
GC678	0.07	15.00	35.00	5.1800	Red_Deer_5yr_Chicago_2h B14STM37
GC679	0.08	15.00	35.00	3.2300	Red_Deer_5yr_Chicago_2h B12STM229
GC68	0.06	15.00	35.00	3.8600	Red_Deer_5yr_Chicago_2h A13STM2274
GC680	0.07	15.00	35.00	6.2900	Red_Deer_5yr_Chicago_2h B13STM240
GC681	0.03	16.19	20.00	2.9100	Red_Deer_5yr_Chicago_2h GCMH91
GC682	0.05	8.00	50.00	3.1000	Red_Deer_5yr_Chicago_2h B7STM167
GC683	0.03	17.26	20.00	2.6600	Red_Deer_5yr_Chicago_2h GCMH91
GC684	0.06	15.00	35.00	5.7100	Red_Deer_5yr_Chicago_2h B13STM241
GC685	0.09	15.00	70.00	2.4100	Red_Deer_5yr_Chicago_2h GCMH109
GC686	0.10	15.00	70.00	2.6400	Red_Deer_5yr_Chicago_2h GCMH61
GC687	0.13	15.00	35.00	3.1200	Red_Deer_5yr_Chicago_2h B12STM229
GC688	0.07	15.00	35.00	4.2700	Red_Deer_5yr_Chicago_2h B15STM14
GC689	0.03	16.97	20.00	3.3600	Red_Deer_5yr_Chicago_2h GCMH91
GC69	0.06	15.00	35.00	5.1200	Red_Deer_5yr_Chicago_2h A13STM2274

GC690	0.07	15.00	35.00	5.2100	Red_Deer_5yr_Chicago_2h B11STM238
GC691	0.09	15.00	35.00	3.1300	Red_Deer_5yr_Chicago_2h B17STM680
GC692	0.06	15.00	35.00	3.5200	Red_Deer_5yr_Chicago_2h B17STM680
GC693	0.06	15.00	35.00	4.9200	Red_Deer_5yr_Chicago_2h B15STM13
GC694	0.21	15.00	70.00	3.1900	Red_Deer_5yr_Chicago_2h B17STM683
GC695	0.06	15.00	35.00	4.5200	Red_Deer_5yr_Chicago_2h B13STM241
GC696	0.22	15.00	70.00	2.4800	Red_Deer_5yr_Chicago_2h GCMH91
GC697	0.07	15.00	35.00	3.9500	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Ph2
GC698	0.08	15.00	35.00	4.9800	Red_Deer_5yr_Chicago_2h B15STM17
GC699	0.07	15.00	35.00	3.1000	Red_Deer_5yr_Chicago_2h B17STM680
GC7	61.23	782.52	5.00	5.0800	Red_Deer_5yr_Chicago_2h Greyhawk
GC70	0.07	15.00	35.00	3.4900	Red_Deer_5yr_Chicago_2h A13STM2274
GC700	0.05	15.00	35.00	6.0400	Red_Deer_5yr_Chicago_2h B14STM37
GC701	0.04	8.00	50.00	3.4200	Red_Deer_5yr_Chicago_2h B7STM168
GC702	0.06	15.00	35.00	6.4500	Red_Deer_5yr_Chicago_2h B17STM679
GC703	0.08	15.00	35.00	4.0300	Red_Deer_5yr_Chicago_2h B12STM229
GC704	0.06	15.00	35.00	2.9100	Red_Deer_5yr_Chicago_2h B17STM684
GC705	0.13	8.00	50.00	4.7900	Red_Deer_5yr_Chicago_2h GCMH32
GC706	0.08	15.00	35.00	3.3900	Red_Deer_5yr_Chicago_2h B11STM238
GC707	0.07	15.00	35.00	3.6900	Red_Deer_5yr_Chicago_2h B11STM231
GC708	0.14	15.00	70.00	2.8400	Red_Deer_5yr_Chicago_2h B7STM168
GC709	0.10	15.00	70.00	2.4500	Red_Deer_5yr_Chicago_2h B13STM241
GC71	0.12	15.00	35.00	6.3500	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC710	0.05	15.00	35.00	5.7300	Red_Deer_5yr_Chicago_2h B14STM37
GC711	0.09	15.00	35.00	4.7200	Red_Deer_5yr_Chicago_2h B14STM37
GC712	0.07	15.00	35.00	5.1400	Red_Deer_5yr_Chicago_2h B14STM37
GC713	0.06	15.00	35.00	4.1700	Red_Deer_5yr_Chicago_2h B13STM240
GC714	0.06	15.00	35.00	3.3900	Red_Deer_5yr_Chicago_2h B11STM238
GC715	0.06	15.00	35.00	2.9600	Red_Deer_5yr_Chicago_2h B11STM238
GC716	0.11	15.00	35.00	6.4700	Red_Deer_5yr_Chicago_2h B17STM684
GC717	0.07	8.00	50.00	4.1200	Red_Deer_5yr_Chicago_2h B7STM168
GC718	0.07	15.00	35.00	4.6700	Red_Deer_5yr_Chicago_2h B11STM238
GC719	0.07	15.00	35.00	3.8800	Red_Deer_5yr_Chicago_2h B11STM238
GC72	0.04	8.00	50.00	4.6200	Red_Deer_5yr_Chicago_2h A7STM165
GC720	0.06	15.00	35.00	4.9200	Red_Deer_5yr_Chicago_2h B14STM37
GC721	0.06	15.00	35.00	5.1900	Red_Deer_5yr_Chicago_2h B14STM37
GC722	0.06	15.00	35.00	5.3900	Red_Deer_5yr_Chicago_2h B14STM37
GC723	0.13	15.00	70.00	2.8200	Red_Deer_5yr_Chicago_2h B15STM21
GC724	0.06	15.00	35.00	5.2500	Red_Deer_5yr_Chicago_2h B14STM37
GC725	0.07	15.00	35.00	3.2500	Red_Deer_5yr_Chicago_2h B11STM238
GC726	0.04	19.52	20.00	3.3900	Red_Deer_5yr_Chicago_2h GCMH91
GC727	1.44	119.83	20.00	3.7900	Red_Deer_5yr_Chicago_2h GCMH56
GC728	0.10	8.00	50.00	3.6700	Red_Deer_5yr_Chicago_2h GCMH109
GC729	0.06	15.00	35.00	3.2600	Red_Deer_5yr_Chicago_2h B15STM13
GC73	0.09	15.00	35.00	2.8600	Red_Deer_5yr_Chicago_2h A14STM25
GC730	0.18	15.00	70.00	2.8500	Red_Deer_5yr_Chicago_2h GCMH91
GC731	0.05	23.26	20.00	3.6000	Red_Deer_5yr_Chicago_2h GCMH91
GC732	0.04	8.00	50.00	3.9500	Red_Deer_5yr_Chicago_2h B7STM168
GC733	0.06	15.00	35.00	4.0800	Red_Deer_5yr_Chicago_2h B12STM229
GC734	0.09	15.00	35.00	4.5100	Red_Deer_5yr_Chicago_2h B13STM240
GC735	0.08	15.00	35.00	4.5100	Red_Deer_5yr_Chicago_2h B12STM229
GC736	0.06	15.00	35.00	5.1100	Red_Deer_5yr_Chicago_2h B15STM13
GC737	0.09	15.00	35.00	2.4000	Red_Deer_5yr_Chicago_2h B13STM241
GC738	0.07	15.00	35.00	4.9700	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Ph2
GC739	0.06	15.00	35.00	5.8000	Red_Deer_5yr_Chicago_2h B17STM679
GC74	0.08	15.00	35.00	3.6000	Red_Deer_5yr_Chicago_2h A13STM2274
GC740	0.06	15.00	35.00	3.8000	Red_Deer_5yr_Chicago_2h B13STM241
GC741	0.08	15.00	35.00	4.3900	Red_Deer_5yr_Chicago_2h B15STM17
GC742_1	0.35	15.00	70.00	2.7900	Red_Deer_5yr_Chicago_2h B14STM36
GC742_2	0.07	15.00	70.00	2.7900	Red_Deer_5yr_Chicago_2h B14STM36
GC743	0.04	8.00	50.00	5.0500	Red_Deer_5yr_Chicago_2h GCMH61
GC744	0.04	8.00	50.00	5.0400	Red_Deer_5yr_Chicago_2h GCMH61
GC745	0.05	8.00	50.00	5.7700	Red_Deer_5yr_Chicago_2h GCMH109
GC746	0.04	8.00	50.00	5.6300	Red_Deer_5yr_Chicago_2h GCMH109
GC747	0.05	8.00	50.00	5.1800	Red_Deer_5yr_Chicago_2h GCMH61
GC748	0.03	17.83	20.00	4.3800	Red_Deer_5yr_Chicago_2h GCMH91
GC749	0.03	17.83	20.00	4.2500	Red_Deer_5yr_Chicago_2h GCMH91
GC75	0.11	15.00	35.00	3.4600	Red_Deer_5yr_Chicago_2h A13STM2274
GC750	0.03	17.83	20.00	4.3500	Red_Deer_5yr_Chicago_2h GCMH91
GC751	0.03	17.83	20.00	4.3000	Red_Deer_5yr_Chicago_2h GCMH91
GC752	0.03	17.83	20.00	3.9200	Red_Deer_5yr_Chicago_2h GCMH91
GC753	0.03	17.83	20.00	4.4300	Red_Deer_5yr_Chicago_2h GCMH91
GC754	0.03	18.39	20.00	4.2900	Red_Deer_5yr_Chicago_2h GCMH91

GC755	0.03	17.29	20.00	5.1400	Red_Deer_5yr_Chicago_2h GCMH91
GC756	0.03	17.86	20.00	4.2000	Red_Deer_5yr_Chicago_2h GCMH91
GC757	0.03	17.83	20.00	3.9900	Red_Deer_5yr_Chicago_2h GCMH91
GC758	0.03	17.83	20.00	4.2300	Red_Deer_5yr_Chicago_2h GCMH91
GC759	0.03	17.83	20.00	3.8100	Red_Deer_5yr_Chicago_2h GCMH91
GC76	0.10	8.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h GCMH1
GC760	0.03	17.83	20.00	3.5300	Red_Deer_5yr_Chicago_2h GCMH91
GC761	0.07	15.00	35.00	2.9400	Red_Deer_5yr_Chicago_2h B17STM684
GC762	0.03	17.83	20.00	3.5900	Red_Deer_5yr_Chicago_2h GCMH91
GC763	0.03	17.55	20.00	3.6900	Red_Deer_5yr_Chicago_2h GCMH91
GC764	0.05	21.40	20.00	3.5900	Red_Deer_5yr_Chicago_2h GCMH91
GC765	0.23	15.00	70.00	3.0300	Red_Deer_5yr_Chicago_2h B15STM13
GC766	0.09	8.00	50.00	4.7000	Red_Deer_5yr_Chicago_2h GCMH61
GC767	0.05	13.37	30.00	2.5200	Red_Deer_5yr_Chicago_2h GCMH33
GC768	0.09	8.00	50.00	4.5300	Red_Deer_5yr_Chicago_2h GCMH109
GC769	0.07	15.00	35.00	3.1200	Red_Deer_5yr_Chicago_2h B11STM231
GC77	0.04	8.00	50.00	4.7700	Red_Deer_5yr_Chicago_2h A7STM165
GC770	0.06	8.00	50.00	5.6500	Red_Deer_5yr_Chicago_2h GCMH109
GC771	0.06	8.00	50.00	5.1600	Red_Deer_5yr_Chicago_2h GCMH61
GC772	0.07	15.00	35.00	4.9100	Red_Deer_5yr_Chicago_2h B14STM37
GC773	0.03	17.32	20.00	3.9100	Red_Deer_5yr_Chicago_2h GCMH91
GC774	0.06	15.00	35.00	4.8600	Red_Deer_5yr_Chicago_2h B13STM240
GC775	0.07	15.00	35.00	4.8200	Red_Deer_5yr_Chicago_2h B15STM17
GC776	0.06	15.00	35.00	3.9100	Red_Deer_5yr_Chicago_2h B12STM229
GC777	0.06	15.00	35.00	3.6300	Red_Deer_5yr_Chicago_2h B15STM13
GC778	0.06	15.00	35.00	3.3700	Red_Deer_5yr_Chicago_2h B15STM17
GC779	0.07	8.00	50.00	7.6100	Red_Deer_5yr_Chicago_2h B7STM168
GC78	0.05	15.00	35.00	4.6100	Red_Deer_5yr_Chicago_2h A5STM161
GC780	0.06	15.00	35.00	4.2600	Red_Deer_5yr_Chicago_2h B14STM37
GC781	0.06	15.00	35.00	3.6600	Red_Deer_5yr_Chicago_2h B15STM17
GC782	0.07	15.00	35.00	3.4400	Red_Deer_5yr_Chicago_2h B15STM17
GC783	0.08	15.00	35.00	4.8800	Red_Deer_5yr_Chicago_2h B12STM229
GC784	0.09	8.00	50.00	3.9400	Red_Deer_5yr_Chicago_2h B7STM168
GC785	0.14	15.00	70.00	2.6700	Red_Deer_5yr_Chicago_2h B11STM231
GC786	1.64	28.02	30.00	2.7300	Red_Deer_5yr_Chicago_2h GCMH33
GC787	0.91	47.71	5.00	7.5500	Red_Deer_5yr_Chicago_2h CULV5170
GC788	0.06	15.00	35.00	5.9900	Red_Deer_5yr_Chicago_2h B15STM13
GC789	0.09	15.00	35.00	6.6000	Red_Deer_5yr_Chicago_2h B17STM684
GC79	0.06	15.00	35.00	3.3200	Red_Deer_5yr_Chicago_2h A13STM44
GC790	0.06	15.00	35.00	5.8900	Red_Deer_5yr_Chicago_2h B17STM679
GC791	0.07	15.00	35.00	5.6000	Red_Deer_5yr_Chicago_2h GCMH85
GC792	0.06	10.00	50.00	4.7200	Red_Deer_5yr_Chicago_2h B7STM168
GC793	0.05	8.00	50.00	5.0200	Red_Deer_5yr_Chicago_2h B7STM168
GC794	0.08	15.00	35.00	4.0500	Red_Deer_5yr_Chicago_2h B17STM679
GC795	0.07	15.00	35.00	4.2500	Red_Deer_5yr_Chicago_2h B13STM240
GC796	0.07	15.00	35.00	4.4800	Red_Deer_5yr_Chicago_2h B15STM17
GC797	0.03	17.32	20.00	3.1900	Red_Deer_5yr_Chicago_2h GCMH91
GC798	0.06	15.00	35.00	4.0300	Red_Deer_5yr_Chicago_2h B13STM242
GC799	0.07	15.00	35.00	4.6900	Red_Deer_5yr_Chicago_2h B12STM229
GC8	0.78	44.13	5.00	7.6500	Red_Deer_5yr_Chicago_2h GCMH56
GC80	0.10	15.00	35.00	6.9900	Red_Deer_5yr_Chicago_2h A13STM2275
GC800	0.05	8.00	50.00	5.3600	Red_Deer_5yr_Chicago_2h B7STM168
GC801	0.07	15.00	35.00	2.7300	Red_Deer_5yr_Chicago_2h B17STM684
GC802	0.06	15.00	35.00	2.8000	Red_Deer_5yr_Chicago_2h B13STM242
GC803	0.30	15.00	70.00	2.6300	Red_Deer_5yr_Chicago_2h B17STM684
GC804	0.07	15.00	35.00	3.2400	Red_Deer_5yr_Chicago_2h B11STM231
GC805	0.07	15.00	35.00	3.8200	Red_Deer_5yr_Chicago_2h B14STM37
GC806	0.06	15.00	35.00	4.0000	Red_Deer_5yr_Chicago_2h B13STM240
GC807	0.09	15.00	35.00	4.0600	Red_Deer_5yr_Chicago_2h B12STM229
GC808	0.07	8.00	50.00	6.8800	Red_Deer_5yr_Chicago_2h B7STM168
GC809	0.05	8.00	50.00	6.8900	Red_Deer_5yr_Chicago_2h B7STM168
GC81	0.06	15.00	35.00	4.1000	Red_Deer_5yr_Chicago_2h A5STM158
GC810	0.06	15.00	35.00	3.5200	Red_Deer_5yr_Chicago_2h B15STM13
GC811	0.36	15.00	70.00	3.2200	Red_Deer_5yr_Chicago_2h B15STM17
GC812	0.04	20.22	20.00	3.5900	Red_Deer_5yr_Chicago_2h GCMH91
GC813	0.28	26.57	5.00	3.5500	Red_Deer_5yr_Chicago_2h A13STM45
GC814	0.07	15.00	35.00	6.7700	Red_Deer_5yr_Chicago_2h B17STM684
GC815	0.03	16.49	20.00	3.8700	Red_Deer_5yr_Chicago_2h GCMH91
GC816	0.09	15.00	35.00	7.1800	Red_Deer_5yr_Chicago_2h B16STM675
GC817	0.03	16.79	20.00	3.2600	Red_Deer_5yr_Chicago_2h GCMH91
GC818	0.03	16.79	20.00	2.9700	Red_Deer_5yr_Chicago_2h GCMH91
GC819	0.03	16.79	20.00	2.8000	Red_Deer_5yr_Chicago_2h GCMH91
GC82	0.07	8.00	50.00	3.0000	Red_Deer_5yr_Chicago_2h GCMH132
GC820	0.03	16.79	20.00	3.7500	Red_Deer_5yr_Chicago_2h GCMH91
GC821	0.03	16.79	20.00	2.8700	Red_Deer_5yr_Chicago_2h GCMH91

GC822	0.03	16.79	20.00	3.1300	Red_Deer_5yr_Chicago_2h	GCMH91
GC823	0.03	17.32	20.00	3.1500	Red_Deer_5yr_Chicago_2h	GCMH91
GC824	0.03	16.25	20.00	3.2000	Red_Deer_5yr_Chicago_2h	GCMH91
GC825	0.03	16.79	20.00	2.9800	Red_Deer_5yr_Chicago_2h	GCMH91
GC826	0.03	16.79	20.00	2.9000	Red_Deer_5yr_Chicago_2h	GCMH91
GC827	0.03	16.73	20.00	3.7600	Red_Deer_5yr_Chicago_2h	GCMH91
GC828	0.03	16.79	20.00	3.4200	Red_Deer_5yr_Chicago_2h	GCMH91
GC829	0.03	16.79	20.00	3.0600	Red_Deer_5yr_Chicago_2h	GCMH91
GC83	0.06	15.00	35.00	6.4700	Red_Deer_5yr_Chicago_2h	A5STM161
GC830	0.09	15.00	35.00	3.8000	Red_Deer_5yr_Chicago_2h	B12STM230
GC831	0.08	15.00	35.00	3.5700	Red_Deer_5yr_Chicago_2h	B12STM230
GC832	0.08	15.00	35.00	3.2700	Red_Deer_5yr_Chicago_2h	B11STM231
GC833	0.08	15.00	35.00	3.5500	Red_Deer_5yr_Chicago_2h	B11STM231
GC834	0.03	17.26	20.00	2.6800	Red_Deer_5yr_Chicago_2h	GCMH91
GC835	0.08	15.00	35.00	3.1000	Red_Deer_5yr_Chicago_2h	B11STM231
GC836	0.07	15.00	35.00	6.0900	Red_Deer_5yr_Chicago_2h	B12STM229
GC837	0.51	15.00	70.00	2.6300	Red_Deer_5yr_Chicago_2h	B13STM240
GC838	0.07	15.00	35.00	3.0800	Red_Deer_5yr_Chicago_2h	B14STM37
GC839	0.08	15.00	35.00	4.7800	Red_Deer_5yr_Chicago_2h	B11STM231
GC84	0.07	15.00	35.00	3.1900	Red_Deer_5yr_Chicago_2h	A5STM158
GC840	0.06	15.00	35.00	6.1600	Red_Deer_5yr_Chicago_2h	B15STM13
GC841	0.06	15.00	35.00	6.1500	Red_Deer_5yr_Chicago_2h	B17STM679
GC842	0.07	15.00	35.00	5.6200	Red_Deer_5yr_Chicago_2h	GCMH85
GC843	0.07	15.00	35.00	4.4900	Red_Deer_5yr_Chicago_2h	B13STM240
GC844	0.06	15.00	35.00	4.0400	Red_Deer_5yr_Chicago_2h	B13STM242
GC845	0.07	15.00	35.00	4.7500	Red_Deer_5yr_Chicago_2h	B15STM17
GC846	0.08	15.00	35.00	3.1400	Red_Deer_5yr_Chicago_2h	B17STM679
GC847	0.23	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h	B7STM168
GC848	0.08	15.00	35.00	5.9400	Red_Deer_5yr_Chicago_2h	B16STM675
GC849	0.06	15.00	35.00	2.4700	Red_Deer_5yr_Chicago_2h	B13STM242
GC85	0.12	15.00	35.00	5.0900	Red_Deer_5yr_Chicago_2h	A13STM2275
GC850	0.46	15.00	70.00	3.6300	Red_Deer_5yr_Chicago_2h	B12STM229
GC851	0.05	15.00	70.00	3.3900	Red_Deer_5yr_Chicago_2h	B15STM9
GC852	0.07	15.00	35.00	2.9700	Red_Deer_5yr_Chicago_2h	B17STM684
GC853	0.06	15.00	35.00	3.3200	Red_Deer_5yr_Chicago_2h	B13STM240
GC854	0.07	15.00	35.00	3.6500	Red_Deer_5yr_Chicago_2h	B11STM231
GC855	0.07	15.00	35.00	2.9800	Red_Deer_5yr_Chicago_2h	B14STM37
GC856	0.05	15.00	70.00	3.5600	Red_Deer_5yr_Chicago_2h	B15STM22
GC857	0.06	15.00	35.00	3.6600	Red_Deer_5yr_Chicago_2h	B15STM13
GC858	0.22	15.00	70.00	2.4400	Red_Deer_5yr_Chicago_2h	GCMH91
GC859	0.07	15.00	35.00	6.0200	Red_Deer_5yr_Chicago_2h	B16STM23
GC86	0.04	8.00	50.00	5.5700	Red_Deer_5yr_Chicago_2h	A7STM165
GC860	0.10	15.00	35.00	4.0400	Red_Deer_5yr_Chicago_2h	B12STM229
GC861	0.09	29.36	20.00	5.2500	Red_Deer_5yr_Chicago_2h	GCMH91
GC862	0.11	15.00	35.00	6.2500	Red_Deer_5yr_Chicago_2h	B16STM675
GC863	0.03	16.49	20.00	3.7300	Red_Deer_5yr_Chicago_2h	GCMH91
GC864	0.40	31.52	5.00	9.1600	Red_Deer_5yr_Chicago_2h	SU1
GC865	0.09	15.00	35.00	4.0700	Red_Deer_5yr_Chicago_2h	B15STM17
GC866	0.06	15.00	35.00	2.8100	Red_Deer_5yr_Chicago_2h	B14STM37
GC867	0.06	15.00	35.00	3.4800	Red_Deer_5yr_Chicago_2h	B14STM37
GC868	0.06	15.00	35.00	2.5100	Red_Deer_5yr_Chicago_2h	B14STM37
GC869	0.06	15.00	35.00	2.7400	Red_Deer_5yr_Chicago_2h	B14STM37
GC87	0.13	15.00	35.00	3.0600	Red_Deer_5yr_Chicago_2h	A13STM2274
GC870	0.07	15.00	35.00	5.7300	Red_Deer_5yr_Chicago_2h	B12STM229
GC871	0.06	15.00	35.00	2.8300	Red_Deer_5yr_Chicago_2h	B14STM37
GC872	0.04	19.62	20.00	4.2600	Red_Deer_5yr_Chicago_2h	GCMH91
GC873	0.06	15.00	35.00	5.6800	Red_Deer_5yr_Chicago_2h	B15STM13
GC874	0.08	15.00	35.00	2.7100	Red_Deer_5yr_Chicago_2h	B14STM37
GC875	0.07	15.00	35.00	7.1100	Red_Deer_5yr_Chicago_2h	GCMH85
GC876	0.05	15.00	35.00	3.8200	Red_Deer_5yr_Chicago_2h	B14STM37
GC877	0.06	15.00	35.00	5.9700	Red_Deer_5yr_Chicago_2h	B17STM676
GC878	0.07	15.00	35.00	5.1600	Red_Deer_5yr_Chicago_2h	B13STM240
GC879	0.06	15.00	35.00	4.2800	Red_Deer_5yr_Chicago_2h	B13STM242
GC88	0.11	15.00	70.00	2.8800	Red_Deer_5yr_Chicago_2h	GCMH60
GC880	57.09	755.58	20.00	5.1000	Red_Deer_5yr_Chicago_2h	CULV5474_Outlet
GC881	0.07	15.00	35.00	5.2100	Red_Deer_5yr_Chicago_2h	B15STM17
GC882	0.13	15.00	70.00	2.5700	Red_Deer_5yr_Chicago_2h	B16STM23
GC883	0.06	15.00	35.00	5.6700	Red_Deer_5yr_Chicago_2h	B16STM674
GC884	0.15	15.00	70.00	3.5200	Red_Deer_5yr_Chicago_2h	GCMH75
GC885	0.06	15.00	35.00	2.5500	Red_Deer_5yr_Chicago_2h	B13STM242
GC886	0.07	15.00	35.00	3.3800	Red_Deer_5yr_Chicago_2h	B17STM679
GC887	0.07	15.00	35.00	2.9700	Red_Deer_5yr_Chicago_2h	B17STM684
GC888	0.04	20.74	20.00	5.6200	Red_Deer_5yr_Chicago_2h	GCMH91
GC889	0.03	15.91	20.00	3.7600	Red_Deer_5yr_Chicago_2h	GCMH91
GC89	0.07	15.00	50.00	3.1600	Red_Deer_5yr_Chicago_2h	A5STM160

GC890	0.03	15.91	20.00	3.5600	Red_Deer_5yr_Chicago_2h GCMH91
GC891	0.03	15.91	20.00	5.8900	Red_Deer_5yr_Chicago_2h GCMH91
GC892	0.03	15.91	20.00	4.4100	Red_Deer_5yr_Chicago_2h GCMH91
GC893	0.03	15.91	20.00	4.7300	Red_Deer_5yr_Chicago_2h GCMH91
GC894	0.03	15.91	20.00	7.4100	Red_Deer_5yr_Chicago_2h GCMH91
GC895	0.08	27.96	20.00	5.2300	Red_Deer_5yr_Chicago_2h GCMH91
GC896	0.06	15.00	35.00	3.6900	Red_Deer_5yr_Chicago_2h B15STM13
GC897	0.06	15.00	35.00	4.2400	Red_Deer_5yr_Chicago_2h B16STM23
GC898	0.08	15.00	35.00	5.2300	Red_Deer_5yr_Chicago_2h B12STM229
GC899	0.15	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h B11STM231
GC9	62.55	395.45	5.00	6.3800	Red_Deer_5yr_Chicago_2h CULV5481
GC90	0.06	15.00	50.00	5.1000	Red_Deer_5yr_Chicago_2h A5STM160
GC900	0.06	15.00	35.00	4.1900	Red_Deer_5yr_Chicago_2h B15STM17
GC901	0.06	15.00	35.00	6.1300	Red_Deer_5yr_Chicago_2h B17STM676
GC902	0.07	15.00	35.00	6.2900	Red_Deer_5yr_Chicago_2h GCMH85
GC903	0.23	15.00	70.00	3.1900	Red_Deer_5yr_Chicago_2h B12STM230
GC904	0.07	15.00	35.00	5.4800	Red_Deer_5yr_Chicago_2h B16STM674
GC905	0.06	15.00	35.00	4.2100	Red_Deer_5yr_Chicago_2h B13STM242
GC906	0.07	15.00	35.00	4.9900	Red_Deer_5yr_Chicago_2h B13STM240
GC907	0.06	15.00	35.00	5.7900	Red_Deer_5yr_Chicago_2h B15STM13
GC908	0.06	15.00	50.00	3.9100	Red_Deer_5yr_Chicago_2h B13STM225
GC909	0.06	15.00	35.00	2.3800	Red_Deer_5yr_Chicago_2h B13STM242
GC91	0.08	15.00	35.00	7.1500	Red_Deer_5yr_Chicago_2h A15STM3
GC910	0.06	15.00	35.00	3.4600	Red_Deer_5yr_Chicago_2h B17STM676
GC911	0.05	15.00	50.00	5.2800	Red_Deer_5yr_Chicago_2h B13STM225
GC912	0.06	15.00	35.00	3.6300	Red_Deer_5yr_Chicago_2h B16STM23
GC913	0.07	15.00	35.00	2.6600	Red_Deer_5yr_Chicago_2h B17STM686
GC914	0.06	15.00	35.00	5.7500	Red_Deer_5yr_Chicago_2h B16STM678
GC915	0.05	15.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h B13STM225
GC916	0.08	15.00	35.00	7.4400	Red_Deer_5yr_Chicago_2h B16STM675
GC917	0.06	15.00	35.00	2.9300	Red_Deer_5yr_Chicago_2h B13STM240
GC918	0.06	15.00	35.00	2.7900	Red_Deer_5yr_Chicago_2h B14STM38
GC919	0.04	8.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h B7STM176
GC92	0.04	8.00	50.00	4.0100	Red_Deer_5yr_Chicago_2h A7STM165
GC920	0.06	15.00	50.00	3.8300	Red_Deer_5yr_Chicago_2h B13STM225
GC921	0.06	15.00	35.00	3.5500	Red_Deer_5yr_Chicago_2h B15STM17
GC922	0.03	8.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h B7STM176
GC923	0.05	8.00	50.00	3.1100	Red_Deer_5yr_Chicago_2h B7STM176
GC924	0.09	15.00	35.00	3.5300	Red_Deer_5yr_Chicago_2h B8STM191
GC925	0.07	15.00	35.00	3.4000	Red_Deer_5yr_Chicago_2h B8STM191
GC926	0.06	15.00	35.00	5.3900	Red_Deer_5yr_Chicago_2h B17STM676
GC927	0.03	8.00	50.00	2.8400	Red_Deer_5yr_Chicago_2h B7STM176
GC928	0.08	15.00	35.00	3.4300	Red_Deer_5yr_Chicago_2h B11STM232
GC929	0.07	15.00	35.00	5.9900	Red_Deer_5yr_Chicago_2h GCMH85
GC93	0.11	15.00	35.00	6.6000	Red_Deer_5yr_Chicago_2h A15STM2
GC930	0.04	8.00	50.00	2.6400	Red_Deer_5yr_Chicago_2h B7STM175
GC931	0.04	8.00	50.00	3.3600	Red_Deer_5yr_Chicago_2h GCMH3
GC932	0.04	8.00	50.00	2.6700	Red_Deer_5yr_Chicago_2h B7STM176
GC933	0.07	15.00	35.00	5.6600	Red_Deer_5yr_Chicago_2h B15STM11
GC934	0.04	8.00	50.00	2.8400	Red_Deer_5yr_Chicago_2h B7STM176
GC935	0.04	8.00	50.00	2.7600	Red_Deer_5yr_Chicago_2h B7STM176
GC936	0.04	8.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h B7STM176
GC937	0.04	8.00	50.00	2.5800	Red_Deer_5yr_Chicago_2h B7STM175
GC938	0.04	8.00	50.00	3.0800	Red_Deer_5yr_Chicago_2h B7STM175
GC939	0.03	8.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h GCMH3
GC94	0.04	8.00	50.00	4.2800	Red_Deer_5yr_Chicago_2h A7STM165
GC940	0.03	8.00	50.00	3.4100	Red_Deer_5yr_Chicago_2h GCMH3
GC941	0.06	15.00	35.00	3.3900	Red_Deer_5yr_Chicago_2h GCMH3
GC942	0.03	8.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h GCMH3
GC943	0.06	15.00	35.00	2.9900	Red_Deer_5yr_Chicago_2h GCMH3
GC944	0.06	15.00	35.00	4.2600	Red_Deer_5yr_Chicago_2h B8STM191
GC945	0.06	15.00	35.00	3.5300	Red_Deer_5yr_Chicago_2h GCMH3
GC946	0.06	15.00	35.00	3.6700	Red_Deer_5yr_Chicago_2h B8STM191
GC947	0.06	15.00	35.00	3.7700	Red_Deer_5yr_Chicago_2h B8STM191
GC948	0.06	15.00	35.00	3.5200	Red_Deer_5yr_Chicago_2h B8STM191
GC949	0.06	15.00	35.00	3.3700	Red_Deer_5yr_Chicago_2h B8STM191
GC95_1	0.16	15.00	70.00	3.1100	Red_Deer_5yr_Chicago_2h A13STM54
GC95_2	0.19	15.00	70.00	3.1100	Red_Deer_5yr_Chicago_2h A13STM2274
GC950	0.05	15.00	35.00	4.0300	Red_Deer_5yr_Chicago_2h B13STM242
GC951	0.07	15.00	35.00	4.0700	Red_Deer_5yr_Chicago_2h B13STM240
GC952	0.23	15.00	70.00	2.4500	Red_Deer_5yr_Chicago_2h B16STM678
GC953	0.34	15.00	70.00	2.6900	Red_Deer_5yr_Chicago_2h B13STM242
GC954	0.06	15.00	35.00	6.1100	Red_Deer_5yr_Chicago_2h B15STM11
GC955	0.05	15.00	35.00	5.9200	Red_Deer_5yr_Chicago_2h B14STM38
GC956	0.06	15.00	35.00	3.6800	Red_Deer_5yr_Chicago_2h B16STM23

GC957	0.04	15.00	50.00	3.1000	Red_Deer_5yr_Chicago_2h B13STM226
GC958	0.09	15.00	35.00	5.3200	Red_Deer_5yr_Chicago_2h B14STM38
GC959	0.06	15.00	35.00	3.0300	Red_Deer_5yr_Chicago_2h B17STM676
GC96	0.05	15.00	35.00	4.9700	Red_Deer_5yr_Chicago_2h A5STM161
GC960	0.07	15.00	35.00	2.6800	Red_Deer_5yr_Chicago_2h B13STM242
GC961	0.07	15.00	35.00	5.6400	Red_Deer_5yr_Chicago_2h B15STM11
GC962	0.07	15.00	35.00	2.4300	Red_Deer_5yr_Chicago_2h B17STM686
GC963	0.06	15.00	35.00	6.3300	Red_Deer_5yr_Chicago_2h B14STM38
GC964	0.06	15.00	35.00	4.2400	Red_Deer_5yr_Chicago_2h B14STM38
GC965	0.07	15.00	50.00	3.0800	Red_Deer_5yr_Chicago_2h B13STM225
GC966	0.05	8.00	50.00	2.7400	Red_Deer_5yr_Chicago_2h B7STM176
GC967	0.06	15.00	35.00	3.7200	Red_Deer_5yr_Chicago_2h B14STM38
GC968	0.06	15.00	35.00	4.9400	Red_Deer_5yr_Chicago_2h B14STM38
GC969	0.06	15.00	35.00	5.3100	Red_Deer_5yr_Chicago_2h B14STM38
GC97	0.06	15.00	35.00	3.3400	Red_Deer_5yr_Chicago_2h A14STM32
GC970	0.06	15.00	35.00	4.6500	Red_Deer_5yr_Chicago_2h B15STM11
GC971	0.07	15.00	35.00	5.0900	Red_Deer_5yr_Chicago_2h B15STM11
GC972	0.07	15.00	35.00	5.4500	Red_Deer_5yr_Chicago_2h B15STM11
GC973	0.06	15.00	35.00	2.1300	Red_Deer_5yr_Chicago_2h B13STM240
GC974	0.06	15.00	35.00	3.6700	Red_Deer_5yr_Chicago_2h B14STM38
GC975	0.09	15.00	35.00	3.8900	Red_Deer_5yr_Chicago_2h B8STM191
GC976	0.09	15.00	35.00	4.0400	Red_Deer_5yr_Chicago_2h B12STM230
GC977	0.06	15.00	35.00	6.2400	Red_Deer_5yr_Chicago_2h B17STM676
GC978	0.09	15.00	35.00	5.4500	Red_Deer_5yr_Chicago_2h B16STM675
GC979	0.04	15.00	50.00	3.1700	Red_Deer_5yr_Chicago_2h B13STM226
GC98	0.07	8.00	50.00	3.5300	Red_Deer_5yr_Chicago_2h GCMH1
GC980	0.08	15.00	35.00	4.9300	Red_Deer_5yr_Chicago_2h B11STM232
GC981	0.07	15.00	35.00	3.1300	Red_Deer_5yr_Chicago_2h B11STM232
GC982	0.12	15.00	70.00	3.9300	Red_Deer_5yr_Chicago_2h B12STM227
GC983	0.10	15.00	35.00	3.4100	Red_Deer_5yr_Chicago_2h B15STM17
GC984	0.07	15.00	35.00	4.3800	Red_Deer_5yr_Chicago_2h B13STM240
GC985	0.07	15.00	35.00	3.6500	Red_Deer_5yr_Chicago_2h B11STM231
GC986	0.07	15.00	35.00	2.9000	Red_Deer_5yr_Chicago_2h B11STM231
GC987	0.07	15.00	35.00	3.3900	Red_Deer_5yr_Chicago_2h B12STM230
GC988	0.08	15.00	35.00	4.0000	Red_Deer_5yr_Chicago_2h B11STM231
GC989	0.07	15.00	35.00	4.2300	Red_Deer_5yr_Chicago_2h B12STM230
GC99	0.06	15.00	50.00	3.2100	Red_Deer_5yr_Chicago_2h GCMH5
GC990	0.06	15.00	35.00	2.9200	Red_Deer_5yr_Chicago_2h B17STM676
GC991	0.06	15.00	35.00	5.5300	Red_Deer_5yr_Chicago_2h B15STM11
GC992	0.09	15.00	35.00	2.8700	Red_Deer_5yr_Chicago_2h B11STM231
GC993	0.07	15.00	35.00	5.0900	Red_Deer_5yr_Chicago_2h B16STM674
GC994	0.04	8.00	50.00	3.3400	Red_Deer_5yr_Chicago_2h B7STM176
GC995	0.12	15.00	70.00	2.5200	Red_Deer_5yr_Chicago_2h B16STM192
GC996	0.06	15.00	35.00	5.1700	Red_Deer_5yr_Chicago_2h B13STM242
GC997	0.06	15.00	40.00	2.9100	Red_Deer_5yr_Chicago_2h B16STM194
GC998	0.07	15.00	35.00	3.8100	Red_Deer_5yr_Chicago_2h B14STM38
GC999	0.07	15.00	35.00	5.4500	Red_Deer_5yr_Chicago_2h B16STM192
S1	3.02	181.78	5.00	6.2400	Red_Deer_5yr_Chicago_2h J529
S1_1	0.49	15.00	70.00	6.4200	Red_Deer_5yr_Chicago_2h J145
S1_10	0.15	20.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J148
S1_11	0.99	75.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J247
S1_12	0.37	15.00	70.00	6.4200	Red_Deer_5yr_Chicago_2h J149
S1_13	0.76	75.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h Crestview1
S1_14	1.15	65.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J145
S1_15	0.53	75.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J242
S1_16	2.09	75.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J246
S1_17	0.64	75.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J528
S1_18	8.62	120.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J151
S1_19	0.17	35.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J244
S1_2	27.42	295.00	5.00	6.4200	Red_Deer_5yr_Chicago_2h J246
S1_20	0.24	35.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J245
S1_21	0.20	15.00	70.00	6.4200	Red_Deer_5yr_Chicago_2h J141
S1_22	1.07	75.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J144
S1_23	0.47	15.00	70.00	6.4200	Red_Deer_5yr_Chicago_2h J241
S1_25	0.21	35.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J245
S1_26	0.19	35.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J243
S1_27	0.35	40.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J150
S1_28	0.17	15.00	70.00	6.4200	Red_Deer_5yr_Chicago_2h J152
S1_29	0.40	55.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J152
S1_3	0.40	55.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J143
S1_30	0.27	35.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J244
S1_31	0.57	65.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J147
S1_32	0.07	15.00	70.00	6.4200	Red_Deer_5yr_Chicago_2h J245
S1_33	0.98	95.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J528
S1_34	0.21	35.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J245

S1_35	0.78	95.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J240
S1_4	0.20	15.00	70.00	6.4200	Red_Deer_5yr_Chicago_2h J301
S1_5	3.19	75.00	5.00	6.4200	Red_Deer_5yr_Chicago_2h Crestview1
S1_6	0.71	75.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J337
S1_7	0.24	15.00	70.00	6.4200	Red_Deer_5yr_Chicago_2h J244
S1_8	0.32	15.00	70.00	6.4200	Red_Deer_5yr_Chicago_2h J243
S1_9	0.73	75.00	50.00	6.4200	Red_Deer_5yr_Chicago_2h J244
S10	1.27	72.66	30.00	4.1100	Red_Deer_5yr_Chicago_2h I9STM150
S10_1	0.54	15.00	70.00	2.8500	Red_Deer_5yr_Chicago_2h I9STM139
S10_2	0.12	15.00	70.00	2.7900	Red_Deer_5yr_Chicago_2h I9STM143
S1001	0.08	15.00	35.00	3.8200	Red_Deer_5yr_Chicago_2h J368
S1002	0.07	15.00	35.00	4.2900	Red_Deer_5yr_Chicago_2h G14STM71
S1003	0.14	15.00	35.00	5.3200	Red_Deer_5yr_Chicago_2h I14STM1517
S1011	0.06	15.00	35.00	5.9600	Red_Deer_5yr_Chicago_2h H14STM1518
S1023	0.08	15.00	35.00	7.0100	Red_Deer_5yr_Chicago_2h H14STM69
S1030	0.06	15.00	35.00	4.8700	Red_Deer_5yr_Chicago_2h G14STM63
S1034	0.06	15.00	35.00	4.5500	Red_Deer_5yr_Chicago_2h F14STM61
S1037	0.05	15.00	35.00	6.4900	Red_Deer_5yr_Chicago_2h H14STM1518
S1039	0.06	15.00	35.00	4.4200	Red_Deer_5yr_Chicago_2h G14STM74
S1040	0.06	15.00	35.00	5.7300	Red_Deer_5yr_Chicago_2h G14STM74
S1041	0.06	15.00	35.00	5.7200	Red_Deer_5yr_Chicago_2h G14STM74
S1042	0.08	15.00	35.00	2.8000	Red_Deer_5yr_Chicago_2h J368
S1044	0.06	15.00	35.00	5.5000	Red_Deer_5yr_Chicago_2h G14STM74
S1045	0.06	15.00	35.00	7.4000	Red_Deer_5yr_Chicago_2h I14STM1517
S1047	0.06	15.00	35.00	4.3600	Red_Deer_5yr_Chicago_2h G14STM74
S1048	0.07	15.00	35.00	6.6600	Red_Deer_5yr_Chicago_2h H14STM69
S1051	0.06	15.00	35.00	4.0100	Red_Deer_5yr_Chicago_2h G14STM74
S1053	0.06	15.00	35.00	6.3600	Red_Deer_5yr_Chicago_2h H14STM1518
S1054	0.06	15.00	35.00	4.1100	Red_Deer_5yr_Chicago_2h F14STM61
S1055	0.06	15.00	35.00	5.2100	Red_Deer_5yr_Chicago_2h G14STM72
S1057	0.06	15.00	35.00	3.8100	Red_Deer_5yr_Chicago_2h G14STM74
S1058	0.07	15.00	35.00	4.7700	Red_Deer_5yr_Chicago_2h F14STM60
S1060	0.06	15.00	35.00	6.7900	Red_Deer_5yr_Chicago_2h I14STM1517
S1061	0.08	15.00	35.00	3.1200	Red_Deer_5yr_Chicago_2h G14STM67
S1063	0.07	15.00	35.00	6.1900	Red_Deer_5yr_Chicago_2h H14STM69
S1064	0.06	15.00	35.00	5.4000	Red_Deer_5yr_Chicago_2h H14STM1518
S1069	0.07	9.64	65.00	4.1600	Red_Deer_5yr_Chicago_2h J109
S1071	0.13	13.22	65.00	6.8900	Red_Deer_5yr_Chicago_2h F14STM271
S1075	0.06	15.00	35.00	4.2200	Red_Deer_5yr_Chicago_2h G14STM72
S1076	0.10	15.00	35.00	5.7500	Red_Deer_5yr_Chicago_2h F14STM60
S1077	0.10	15.00	35.00	4.3800	Red_Deer_5yr_Chicago_2h F14STM60
S1079	0.06	15.00	35.00	4.4100	Red_Deer_5yr_Chicago_2h G14STM63
S1080	0.06	15.00	35.00	5.7000	Red_Deer_5yr_Chicago_2h F14STM61
S1081	0.06	15.00	35.00	5.8400	Red_Deer_5yr_Chicago_2h I14STM1517
S1082	0.09	15.00	35.00	2.7100	Red_Deer_5yr_Chicago_2h G14STM67
S1083	0.06	15.00	35.00	4.8700	Red_Deer_5yr_Chicago_2h J391
S1087	0.07	15.00	35.00	5.7900	Red_Deer_5yr_Chicago_2h H14STM69
S1090	0.06	15.00	35.00	4.4700	Red_Deer_5yr_Chicago_2h G14STM72
S1091	0.06	15.00	35.00	3.4900	Red_Deer_5yr_Chicago_2h I14STM1524
S1093	0.06	15.00	35.00	5.9600	Red_Deer_5yr_Chicago_2h I14STM1517
S1094	0.06	15.00	35.00	4.9100	Red_Deer_5yr_Chicago_2h J391
S1095	0.06	15.00	35.00	5.0600	Red_Deer_5yr_Chicago_2h J391
S1097	0.06	15.00	35.00	7.3300	Red_Deer_5yr_Chicago_2h F14STM60
S1098	0.06	15.00	35.00	6.1000	Red_Deer_5yr_Chicago_2h F14STM60
S11	0.74	15.00	70.00	2.9400	Red_Deer_5yr_Chicago_2h H9STM138
S1100	0.06	15.00	35.00	3.7900	Red_Deer_5yr_Chicago_2h F14STM61
S1114	0.06	15.00	35.00	2.8800	Red_Deer_5yr_Chicago_2h I14STM1524
S1115	0.06	15.00	35.00	4.0400	Red_Deer_5yr_Chicago_2h G14STM72
S1116	0.07	15.00	35.00	6.1200	Red_Deer_5yr_Chicago_2h H14STM69
S1117	0.07	15.00	35.00	3.2300	Red_Deer_5yr_Chicago_2h H14STM1518
S1118	0.14	15.00	70.00	3.3700	Red_Deer_5yr_Chicago_2h H14STM1518
S1120	0.06	15.00	35.00	3.2300	Red_Deer_5yr_Chicago_2h J391
S1125	0.06	15.00	35.00	3.0800	Red_Deer_5yr_Chicago_2h I14STM1524
S1127	0.06	15.00	35.00	4.2500	Red_Deer_5yr_Chicago_2h G14STM72
S1128	0.06	15.00	35.00	5.6600	Red_Deer_5yr_Chicago_2h F14STM61
S1129	0.06	15.00	35.00	3.4800	Red_Deer_5yr_Chicago_2h J422
S1130	0.06	15.00	35.00	4.0400	Red_Deer_5yr_Chicago_2h J422
S1132	0.06	15.00	35.00	3.0300	Red_Deer_5yr_Chicago_2h J422
S1133	0.08	15.00	35.00	3.0800	Red_Deer_5yr_Chicago_2h J422
S1134	0.06	15.00	35.00	4.8400	Red_Deer_5yr_Chicago_2h G14STM63
S1135	0.09	15.00	35.00	3.8100	Red_Deer_5yr_Chicago_2h J422
S1136	0.07	9.64	65.00	4.8000	Red_Deer_5yr_Chicago_2h J109
S1138	0.06	15.00	35.00	3.4600	Red_Deer_5yr_Chicago_2h I14STM1521
S1139	0.09	15.00	35.00	3.1500	Red_Deer_5yr_Chicago_2h J391
S1140	0.06	15.00	35.00	4.0100	Red_Deer_5yr_Chicago_2h G14STM72

S1141	0.05	15.00	35.00	6.7400	Red_Deer_5yr_Chicago_2h F14STM60
S1142	0.05	15.00	35.00	5.4000	Red_Deer_5yr_Chicago_2h F14STM60
S1143	0.06	15.00	35.00	3.9800	Red_Deer_5yr_Chicago_2h F14STM61
S1144	0.07	15.00	35.00	4.5100	Red_Deer_5yr_Chicago_2h G14STM64
S1145	0.07	15.00	35.00	3.5500	Red_Deer_5yr_Chicago_2h G14STM64
S1147	0.09	15.00	35.00	2.9700	Red_Deer_5yr_Chicago_2h J422
S1150	0.06	15.00	35.00	3.0600	Red_Deer_5yr_Chicago_2h I14STM1521
S1153	0.07	15.00	35.00	4.8700	Red_Deer_5yr_Chicago_2h H14STM1518
S1154	0.13	15.00	35.00	4.7200	Red_Deer_5yr_Chicago_2h J422
S1155	0.08	15.00	35.00	4.0600	Red_Deer_5yr_Chicago_2h G14STM64
S1157	0.08	15.00	35.00	4.2800	Red_Deer_5yr_Chicago_2h G14STM64
S1167	0.07	15.00	35.00	4.5500	Red_Deer_5yr_Chicago_2h H14STM1518
S1175	0.06	15.00	35.00	4.2800	Red_Deer_5yr_Chicago_2h G14STM72
S1176	0.06	15.00	35.00	3.2200	Red_Deer_5yr_Chicago_2h I14STM1521
S1178	0.21	15.00	35.00	9.1700	Red_Deer_5yr_Chicago_2h Pier_View
S1184	0.06	15.00	35.00	7.3400	Red_Deer_5yr_Chicago_2h F14STM61
S1185	0.07	15.00	35.00	4.7000	Red_Deer_5yr_Chicago_2h G14STM63
S1186	0.09	15.00	35.00	4.5100	Red_Deer_5yr_Chicago_2h G14STM64
S1188	0.08	15.00	35.00	3.5200	Red_Deer_5yr_Chicago_2h G14STM64
S1193	0.06	15.00	35.00	2.9500	Red_Deer_5yr_Chicago_2h I14STM1521
S1194	0.08	15.00	35.00	4.1000	Red_Deer_5yr_Chicago_2h G14STM64
S1196	0.06	15.00	35.00	5.2400	Red_Deer_5yr_Chicago_2h F14STM60
S1197	0.06	15.00	35.00	5.9900	Red_Deer_5yr_Chicago_2h F14STM60
S1198	0.06	15.00	35.00	3.3300	Red_Deer_5yr_Chicago_2h F14STM61
S1199	0.07	9.64	65.00	4.9900	Red_Deer_5yr_Chicago_2h J109
S12	12.49	153.35	30.00	2.5300	Red_Deer_5yr_Chicago_2h I9STM143
S12_1	0.16	15.00	70.00	2.5700	Red_Deer_5yr_Chicago_2h I8STM100
S12_2	0.41	15.00	70.00	2.7800	Red_Deer_5yr_Chicago_2h I11STM92
S12_4	0.14	15.00	70.00	2.6800	Red_Deer_5yr_Chicago_2h I10STM93
S12_5	0.36	15.00	70.00	2.8000	Red_Deer_5yr_Chicago_2h I10STM95
S12_6	0.15	15.00	70.00	2.6900	Red_Deer_5yr_Chicago_2h I9STM96
S12_7	0.24	15.00	70.00	2.7700	Red_Deer_5yr_Chicago_2h I9STM97
S12_8	0.29	15.00	70.00	3.0500	Red_Deer_5yr_Chicago_2h I9STM98
S12_9	0.21	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h I8STM99
S1201	0.07	15.00	35.00	3.8400	Red_Deer_5yr_Chicago_2h G14STM65
S1202	0.07	15.00	35.00	4.3300	Red_Deer_5yr_Chicago_2h I14STM1520
S1204	0.07	15.00	35.00	4.7300	Red_Deer_5yr_Chicago_2h J422
S1205	0.06	15.00	40.00	3.4700	Red_Deer_5yr_Chicago_2h I14STM1528
S1206	0.07	15.00	35.00	3.6800	Red_Deer_5yr_Chicago_2h J422
S1207	0.08	15.00	35.00	4.6800	Red_Deer_5yr_Chicago_2h H14STM1518
S1208	0.16	14.48	65.00	6.6400	Red_Deer_5yr_Chicago_2h F14STM271
S1212	0.10	15.00	35.00	5.9000	Red_Deer_5yr_Chicago_2h G14STM67
S1216	0.07	15.00	35.00	4.5800	Red_Deer_5yr_Chicago_2h H14STM1518
S1218	0.08	15.00	35.00	3.1800	Red_Deer_5yr_Chicago_2h G14STM65
S1220	0.10	15.00	35.00	4.0900	Red_Deer_5yr_Chicago_2h G14STM65
S1233	0.07	15.00	35.00	5.2200	Red_Deer_5yr_Chicago_2h G14STM67
S1234	0.08	15.00	35.00	3.5400	Red_Deer_5yr_Chicago_2h I14STM1521
S1235	0.06	15.00	35.00	5.3000	Red_Deer_5yr_Chicago_2h F14STM60
S1236	0.06	15.00	35.00	5.7300	Red_Deer_5yr_Chicago_2h F14STM60
S1237	0.06	15.00	35.00	4.2400	Red_Deer_5yr_Chicago_2h F14STM61
S1239	0.05	15.00	40.00	4.5600	Red_Deer_5yr_Chicago_2h I14STM1528
S1242	0.07	15.00	35.00	4.2100	Red_Deer_5yr_Chicago_2h I14STM1520
S1244	0.09	15.00	35.00	4.2900	Red_Deer_5yr_Chicago_2h J391
S1246	0.07	15.00	35.00	4.7300	Red_Deer_5yr_Chicago_2h J422
S1248	0.06	15.00	35.00	4.4800	Red_Deer_5yr_Chicago_2h J422
S1250	0.07	15.00	35.00	2.8100	Red_Deer_5yr_Chicago_2h I14STM1520
S1251	0.06	15.00	35.00	6.9400	Red_Deer_5yr_Chicago_2h J391
S1252	0.07	15.00	35.00	5.6300	Red_Deer_5yr_Chicago_2h G14STM67
S1254	0.08	15.00	35.00	5.6500	Red_Deer_5yr_Chicago_2h J100
S1255	0.06	15.00	35.00	4.6700	Red_Deer_5yr_Chicago_2h J422
S1256	0.06	15.00	35.00	4.2900	Red_Deer_5yr_Chicago_2h J422
S1257	0.06	15.00	35.00	6.0000	Red_Deer_5yr_Chicago_2h J422
S1258	0.06	15.00	35.00	3.2900	Red_Deer_5yr_Chicago_2h G14STM62
S1260	0.08	15.00	35.00	5.2000	Red_Deer_5yr_Chicago_2h I14STM1521
S1261	0.05	15.00	40.00	3.4100	Red_Deer_5yr_Chicago_2h I14STM1528
S1263	0.21	15.00	35.00	4.8400	Red_Deer_5yr_Chicago_2h J100
S1265	0.06	15.00	35.00	4.7900	Red_Deer_5yr_Chicago_2h G14STM62
S1266	0.08	15.00	35.00	4.0300	Red_Deer_5yr_Chicago_2h J100
S1267	0.07	15.00	35.00	6.3400	Red_Deer_5yr_Chicago_2h J391
S1273	0.06	15.00	35.00	4.5900	Red_Deer_5yr_Chicago_2h F14STM61
S1274	0.06	15.00	35.00	5.9800	Red_Deer_5yr_Chicago_2h F14STM60
S1275	0.06	15.00	35.00	5.9200	Red_Deer_5yr_Chicago_2h F14STM60
S1276	0.09	11.03	65.00	11.2100	Red_Deer_5yr_Chicago_2h F14STM59
S1277	0.07	15.00	35.00	5.8100	Red_Deer_5yr_Chicago_2h G14STM67
S1278	0.10	11.28	65.00	6.3000	Red_Deer_5yr_Chicago_2h J109

S1279	0.12	15.00	35.00	4.8800	Red_Deer_5yr_Chicago_2h J391
S1280	0.06	15.00	35.00	4.2800	Red_Deer_5yr_Chicago_2h F14STM61
S1281	0.06	15.00	35.00	4.7400	Red_Deer_5yr_Chicago_2h F14STM61
S1282	0.06	15.00	35.00	4.8000	Red_Deer_5yr_Chicago_2h F14STM61
S1283	0.06	15.00	35.00	3.6700	Red_Deer_5yr_Chicago_2h F14STM61
S1284	0.06	15.00	35.00	5.4200	Red_Deer_5yr_Chicago_2h I14STM1521
S1289	0.10	15.00	35.00	3.7000	Red_Deer_5yr_Chicago_2h G14STM64
S1290	0.07	15.00	35.00	5.1800	Red_Deer_5yr_Chicago_2h J422
S1291	0.06	15.00	35.00	3.0600	Red_Deer_5yr_Chicago_2h J422
S1292	0.07	15.00	35.00	3.6900	Red_Deer_5yr_Chicago_2h I14STM1520
S1293	0.06	15.00	35.00	5.1800	Red_Deer_5yr_Chicago_2h I14STM1521
S1294	0.09	15.00	35.00	3.0700	Red_Deer_5yr_Chicago_2h G14STM64
S1295	0.07	15.00	35.00	4.6800	Red_Deer_5yr_Chicago_2h G14STM66
S1297	0.06	15.00	40.00	3.5000	Red_Deer_5yr_Chicago_2h I14STM1528
S1298	0.12	15.00	35.00	4.9800	Red_Deer_5yr_Chicago_2h J100
S1299	0.09	15.00	35.00	4.9600	Red_Deer_5yr_Chicago_2h J100
S13	0.16	14.32	65.00	6.6700	Red_Deer_5yr_Chicago_2h J109
S1305	0.06	15.00	35.00	4.9100	Red_Deer_5yr_Chicago_2h I14STM1521
S1311	0.08	15.00	35.00	5.1900	Red_Deer_5yr_Chicago_2h J391
S1312	0.07	15.00	35.00	2.6400	Red_Deer_5yr_Chicago_2h G14STM64
S1320	0.06	15.00	35.00	5.8100	Red_Deer_5yr_Chicago_2h I14STM1521
S1326	0.06	15.00	35.00	2.5800	Red_Deer_5yr_Chicago_2h H13STM1519
S1329	0.08	15.00	35.00	3.9200	Red_Deer_5yr_Chicago_2h G14STM66
S133	0.60	15.00	35.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S1331	0.07	15.00	35.00	3.8100	Red_Deer_5yr_Chicago_2h G14STM65
S1333	0.18	15.00	35.00	6.4000	Red_Deer_5yr_Chicago_2h J422
S1334	0.07	15.00	35.00	4.7100	Red_Deer_5yr_Chicago_2h J422
S1338	0.06	15.00	40.00	3.9100	Red_Deer_5yr_Chicago_2h I13STM1527
S1339	0.06	15.00	35.00	5.7800	Red_Deer_5yr_Chicago_2h I14STM1521
S1340	0.06	15.00	35.00	4.2200	Red_Deer_5yr_Chicago_2h J422
S1341	0.11	15.00	35.00	4.4600	Red_Deer_5yr_Chicago_2h J100
S1342	0.06	15.00	35.00	3.4600	Red_Deer_5yr_Chicago_2h H13STM1519
S1346	0.06	15.00	35.00	2.6200	Red_Deer_5yr_Chicago_2h H13STM1519
S1347	0.07	15.00	35.00	3.8500	Red_Deer_5yr_Chicago_2h G14STM65
S1351	0.06	15.00	35.00	5.9700	Red_Deer_5yr_Chicago_2h I14STM1520
S1352	0.07	10.00	40.00	2.8600	Red_Deer_5yr_Chicago_2h I14STM1528
S1353	0.08	15.00	35.00	3.4100	Red_Deer_5yr_Chicago_2h H13STM1519
S1359	0.05	10.00	40.00	2.9200	Red_Deer_5yr_Chicago_2h I14STM1528
S1360	0.06	15.00	35.00	3.9300	Red_Deer_5yr_Chicago_2h I14STM1520
S1361	0.10	15.00	35.00	3.0500	Red_Deer_5yr_Chicago_2h J100
S1362	0.09	15.00	35.00	3.5600	Red_Deer_5yr_Chicago_2h G14STM66
S1366	0.09	15.00	35.00	2.9500	Red_Deer_5yr_Chicago_2h G14STM65
S1367	0.05	10.00	40.00	2.8400	Red_Deer_5yr_Chicago_2h I13STM1526
S1370	0.07	15.00	35.00	5.3600	Red_Deer_5yr_Chicago_2h J422
S1371	0.09	15.00	35.00	3.8700	Red_Deer_5yr_Chicago_2h H13STM1519
S1373	0.06	15.00	35.00	3.2600	Red_Deer_5yr_Chicago_2h J422
S1374	0.04	10.00	40.00	2.7500	Red_Deer_5yr_Chicago_2h I13STM1526
S1376	0.14	15.00	35.00	4.3100	Red_Deer_5yr_Chicago_2h G14STM65
S1381	0.04	10.00	40.00	3.2700	Red_Deer_5yr_Chicago_2h I13STM1526
S1386	0.08	15.00	35.00	3.4500	Red_Deer_5yr_Chicago_2h J100
S1387	0.06	15.00	35.00	4.6100	Red_Deer_5yr_Chicago_2h I14STM1520
S1390	0.06	15.00	40.00	3.4800	Red_Deer_5yr_Chicago_2h I14STM1530
S1391	0.04	10.00	40.00	2.5900	Red_Deer_5yr_Chicago_2h I13STM1526
S1392	0.09	15.00	35.00	3.3300	Red_Deer_5yr_Chicago_2h J98
S1393	0.08	15.00	35.00	5.5900	Red_Deer_5yr_Chicago_2h F14STM60
S1394	0.08	15.00	35.00	5.7700	Red_Deer_5yr_Chicago_2h F14STM60
S1395	0.08	15.00	35.00	5.8400	Red_Deer_5yr_Chicago_2h F14STM60
S1396	0.08	15.00	35.00	5.3800	Red_Deer_5yr_Chicago_2h F14STM60
S1397	0.08	15.00	35.00	5.2500	Red_Deer_5yr_Chicago_2h F14STM60
S1398	0.08	15.00	35.00	4.9500	Red_Deer_5yr_Chicago_2h F14STM60
S1399	0.08	15.00	35.00	6.1800	Red_Deer_5yr_Chicago_2h F14STM60
S14	0.72	42.41	5.00	3.8200	Red_Deer_5yr_Chicago_2h J358
S1401	0.10	15.00	35.00	4.1600	Red_Deer_5yr_Chicago_2h J100
S1405	0.06	15.00	35.00	3.9400	Red_Deer_5yr_Chicago_2h I14STM1520
S1406	0.04	10.00	40.00	3.1800	Red_Deer_5yr_Chicago_2h I13STM1526
S1407	0.07	15.00	35.00	4.1500	Red_Deer_5yr_Chicago_2h J100
S1409	0.06	15.00	35.00	4.3100	Red_Deer_5yr_Chicago_2h J422
S1410	0.06	15.00	35.00	4.0700	Red_Deer_5yr_Chicago_2h J422
S1411	0.06	15.00	35.00	3.6600	Red_Deer_5yr_Chicago_2h J422
S1412	0.03	8.00	50.00	3.6800	Red_Deer_5yr_Chicago_2h J98
S1413	0.04	10.00	40.00	3.4100	Red_Deer_5yr_Chicago_2h I13STM1526
S1417	0.06	15.00	35.00	4.4300	Red_Deer_5yr_Chicago_2h I14STM1520
S1421	0.07	15.00	35.00	3.0400	Red_Deer_5yr_Chicago_2h J100
S1422	0.06	15.00	35.00	4.0200	Red_Deer_5yr_Chicago_2h J422
S1423	0.05	15.00	40.00	3.3200	Red_Deer_5yr_Chicago_2h I14STM1530

S1424	0.03	8.00	50.00	3.8300	Red_Deer_5yr_Chicago_2h J98
S1425	0.04	10.00	40.00	3.5000	Red_Deer_5yr_Chicago_2h I13STM1526
S1428	0.08	15.00	35.00	4.4500	Red_Deer_5yr_Chicago_2h J422
S1429	0.06	15.00	35.00	4.1600	Red_Deer_5yr_Chicago_2h H13STM1519
S1430	0.04	10.00	40.00	3.4600	Red_Deer_5yr_Chicago_2h I13STM1525
S1433	0.03	8.00	50.00	4.2900	Red_Deer_5yr_Chicago_2h J98
S1436	0.04	10.00	40.00	3.6500	Red_Deer_5yr_Chicago_2h I13STM1525
S1444	0.06	15.00	35.00	5.1600	Red_Deer_5yr_Chicago_2h H13STM1519
S1445	0.06	23.83	40.00	2.7700	Red_Deer_5yr_Chicago_2h J25
S1446	0.05	10.00	40.00	3.0400	Red_Deer_5yr_Chicago_2h I13STM1525
S1449	0.03	8.00	50.00	3.3600	Red_Deer_5yr_Chicago_2h J98
S1454	0.07	15.00	35.00	3.6600	Red_Deer_5yr_Chicago_2h J100
S1463	0.05	10.00	50.00	4.6100	Red_Deer_5yr_Chicago_2h I13STM1526
S1464	0.06	15.00	35.00	5.1600	Red_Deer_5yr_Chicago_2h H13STM1519
S1465	0.04	8.00	50.00	3.2300	Red_Deer_5yr_Chicago_2h J98
S1468	0.07	15.00	35.00	4.4100	Red_Deer_5yr_Chicago_2h J422
S1469	0.05	10.00	50.00	3.5000	Red_Deer_5yr_Chicago_2h I13STM1526
S1470	0.07	15.00	35.00	4.2000	Red_Deer_5yr_Chicago_2h J100
S1471	0.09	15.00	35.00	4.8600	Red_Deer_5yr_Chicago_2h H13STM1519
S1472	0.05	23.39	40.00	2.6800	Red_Deer_5yr_Chicago_2h J25
S1476	0.04	8.00	50.00	3.3000	Red_Deer_5yr_Chicago_2h J98
S1477	0.05	10.00	40.00	3.0100	Red_Deer_5yr_Chicago_2h J423
S1480	0.04	10.00	50.00	3.6100	Red_Deer_5yr_Chicago_2h I13STM1526
S1481	0.06	10.00	40.00	3.1400	Red_Deer_5yr_Chicago_2h J423
S1483	0.05	10.00	40.00	3.1100	Red_Deer_5yr_Chicago_2h J423
S1484	0.06	15.00	35.00	5.9800	Red_Deer_5yr_Chicago_2h H13STM1519
S1486	0.05	10.00	40.00	3.3100	Red_Deer_5yr_Chicago_2h I13STM1525
S1488	0.06	10.00	40.00	3.8600	Red_Deer_5yr_Chicago_2h J423
S1489	0.05	10.00	40.00	3.2300	Red_Deer_5yr_Chicago_2h J423
S1491	0.11	15.00	35.00	3.5600	Red_Deer_5yr_Chicago_2h J100
S1495	0.13	13.14	65.00	4.3900	Red_Deer_5yr_Chicago_2h J109
S1496	0.04	10.00	50.00	3.7500	Red_Deer_5yr_Chicago_2h I13STM1526
S1497	0.05	10.00	40.00	2.3900	Red_Deer_5yr_Chicago_2h J423
S1498	0.04	10.00	40.00	3.7200	Red_Deer_5yr_Chicago_2h H13STM2276
S1499	0.04	8.00	50.00	3.9100	Red_Deer_5yr_Chicago_2h J98
S15	4.97	111.48	5.00	7.6700	Red_Deer_5yr_Chicago_2h Hewlett_Park_Wetland
S1502	0.05	10.00	40.00	3.2200	Red_Deer_5yr_Chicago_2h J423
S1504	0.04	10.00	50.00	4.1800	Red_Deer_5yr_Chicago_2h I13STM1526
S1505	0.05	15.00	40.00	2.9800	Red_Deer_5yr_Chicago_2h J25
S1506	0.04	10.00	40.00	3.1700	Red_Deer_5yr_Chicago_2h H13STM2276
S1507	0.05	10.00	40.00	2.8200	Red_Deer_5yr_Chicago_2h J423
S1508	0.06	15.00	35.00	6.2900	Red_Deer_5yr_Chicago_2h H13STM1519
S1509	0.05	10.00	40.00	3.1400	Red_Deer_5yr_Chicago_2h J423
S151	0.72	15.00	35.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S1511	0.07	15.00	50.00	4.1700	Red_Deer_5yr_Chicago_2h J98
S1514	0.04	10.00	50.00	4.0700	Red_Deer_5yr_Chicago_2h I13STM1526
S1517	0.04	10.00	40.00	3.9400	Red_Deer_5yr_Chicago_2h H13STM2276
S1518	0.09	15.00	35.00	4.2000	Red_Deer_5yr_Chicago_2h J109
S1519	0.06	10.00	40.00	3.2800	Red_Deer_5yr_Chicago_2h J423
S1522	0.11	15.00	35.00	4.3900	Red_Deer_5yr_Chicago_2h J100
S1523	0.04	10.00	50.00	3.9200	Red_Deer_5yr_Chicago_2h I13STM1526
S1525	0.04	10.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h H13STM2276
S1526	0.05	10.00	40.00	3.4400	Red_Deer_5yr_Chicago_2h J423
S1530	0.02	10.00	40.00	2.4300	Red_Deer_5yr_Chicago_2h J423
S1532	0.04	10.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h I13STM1526
S1535	0.04	10.00	40.00	3.7500	Red_Deer_5yr_Chicago_2h H13STM2276
S1536	0.06	15.00	40.00	3.5300	Red_Deer_5yr_Chicago_2h I13STM1496
S1537	0.08	15.00	35.00	5.9200	Red_Deer_5yr_Chicago_2h J422
S1538	0.07	15.00	35.00	5.6400	Red_Deer_5yr_Chicago_2h J422
S1540	0.07	15.00	35.00	5.9000	Red_Deer_5yr_Chicago_2h J422
S1541	0.15	15.00	35.00	5.8100	Red_Deer_5yr_Chicago_2h J422
S1544	0.05	10.00	40.00	2.6400	Red_Deer_5yr_Chicago_2h J423
S1545	0.06	15.00	35.00	5.1300	Red_Deer_5yr_Chicago_2h J98
S1549	0.06	10.00	40.00	4.4400	Red_Deer_5yr_Chicago_2h J423
S1550	0.06	10.00	40.00	2.6700	Red_Deer_5yr_Chicago_2h J423
S1552	0.04	10.00	50.00	3.8200	Red_Deer_5yr_Chicago_2h I13STM1526
S1553	0.15	15.00	35.00	5.0200	Red_Deer_5yr_Chicago_2h H13STM1519
S1554	0.04	10.00	40.00	3.6000	Red_Deer_5yr_Chicago_2h H13STM2276
S1556	0.11	15.00	35.00	4.2100	Red_Deer_5yr_Chicago_2h J98
S1560	0.04	10.00	50.00	4.2200	Red_Deer_5yr_Chicago_2h I13STM1525
S1561	0.08	15.00	35.00	3.9900	Red_Deer_5yr_Chicago_2h J98
S1562	0.04	10.00	50.00	4.1600	Red_Deer_5yr_Chicago_2h I13STM1476
S1563	0.04	10.00	40.00	5.4900	Red_Deer_5yr_Chicago_2h H13STM2276
S1565	0.09	15.00	35.00	4.8700	Red_Deer_5yr_Chicago_2h J98

S1566	0.08	15.00	35.00	5.2900	Red_Deer_5yr_Chicago_2h J98
S1567	0.09	15.00	35.00	6.0100	Red_Deer_5yr_Chicago_2h J98
S1568	0.09	15.00	35.00	8.7800	Red_Deer_5yr_Chicago_2h J98
S1569	0.08	15.00	35.00	3.0500	Red_Deer_5yr_Chicago_2h J100
S1570	0.04	10.00	50.00	4.2300	Red_Deer_5yr_Chicago_2h I13STM1525
S1571	0.04	10.00	40.00	3.9500	Red_Deer_5yr_Chicago_2h H13STM1532
S1573	0.04	10.00	50.00	3.1300	Red_Deer_5yr_Chicago_2h I13STM1476
S1574	0.15	15.00	35.00	4.2300	Red_Deer_5yr_Chicago_2h J98
S1576	0.08	15.00	35.00	4.3700	Red_Deer_5yr_Chicago_2h J109
S1579	0.05	10.00	40.00	2.7900	Red_Deer_5yr_Chicago_2h J423
S1580	0.23	17.18	65.00	6.1600	Red_Deer_5yr_Chicago_2h J98
S1582	0.04	10.00	50.00	4.6200	Red_Deer_5yr_Chicago_2h I13STM1525
S1587	0.04	10.00	40.00	3.5400	Red_Deer_5yr_Chicago_2h H13STM1532
S1594	0.07	15.00	35.00	7.4600	Red_Deer_5yr_Chicago_2h J109
S1597	0.04	10.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h I13STM1476
S1599	0.11	15.00	35.00	3.3300	Red_Deer_5yr_Chicago_2h J98
S16	2.19	74.01	5.00	9.7800	Red_Deer_5yr_Chicago_2h HPMH1
S1601	0.04	10.00	50.00	4.4800	Red_Deer_5yr_Chicago_2h I13STM1525
S1605	0.04	10.00	40.00	4.1300	Red_Deer_5yr_Chicago_2h H13STM1532
S1606	0.05	10.00	40.00	2.2000	Red_Deer_5yr_Chicago_2h J423
S1608	0.07	9.25	65.00	7.9000	Red_Deer_5yr_Chicago_2h J98
S1609	0.04	10.00	50.00	3.5000	Red_Deer_5yr_Chicago_2h I13STM1476
S1612	0.06	15.00	40.00	3.8400	Red_Deer_5yr_Chicago_2h H13STM1532
S1614	0.04	10.00	50.00	3.1600	Red_Deer_5yr_Chicago_2h I13STM1476
S1616	0.06	10.00	50.00	4.2500	Red_Deer_5yr_Chicago_2h I13STM1525
S1617	0.05	10.00	40.00	2.9900	Red_Deer_5yr_Chicago_2h J423
S1618	0.06	15.00	35.00	3.6400	Red_Deer_5yr_Chicago_2h J100
S1620	0.05	10.00	40.00	4.5600	Red_Deer_5yr_Chicago_2h J423
S1622	0.05	15.00	35.00	3.3900	Red_Deer_5yr_Chicago_2h H13STM1532
S1623	0.09	15.00	35.00	6.7400	Red_Deer_5yr_Chicago_2h J98
S1624	0.04	10.00	50.00	2.9200	Red_Deer_5yr_Chicago_2h I13STM1476
S1626	0.06	15.00	40.00	3.1400	Red_Deer_5yr_Chicago_2h I13STM1478
S1627	0.04	10.00	50.00	3.4900	Red_Deer_5yr_Chicago_2h I13STM1525
S1628	0.09	15.00	35.00	4.8900	Red_Deer_5yr_Chicago_2h J109
S1630	0.06	15.00	35.00	3.4600	Red_Deer_5yr_Chicago_2h H13STM1531
S1632	0.04	10.00	40.00	2.6400	Red_Deer_5yr_Chicago_2h J423
S1633	0.04	10.00	50.00	2.9200	Red_Deer_5yr_Chicago_2h I13STM1476
S1634	0.04	10.00	40.00	3.0000	Red_Deer_5yr_Chicago_2h J423
S1635	0.04	10.00	50.00	3.3400	Red_Deer_5yr_Chicago_2h I13STM1525
S1642	0.04	10.00	40.00	2.0400	Red_Deer_5yr_Chicago_2h J423
S1643	0.07	15.00	35.00	5.4300	Red_Deer_5yr_Chicago_2h J109
S1649	0.04	10.00	50.00	3.0600	Red_Deer_5yr_Chicago_2h I13STM1476
S1650	0.04	10.00	40.00	2.3700	Red_Deer_5yr_Chicago_2h J423
S1652	0.04	10.00	50.00	3.3500	Red_Deer_5yr_Chicago_2h H13STM2276
S1654	0.10	15.00	35.00	3.5100	Red_Deer_5yr_Chicago_2h H13STM1531
S1656	0.08	9.96	65.00	6.3700	Red_Deer_5yr_Chicago_2h J98
S1658	0.14	15.00	35.00	5.2300	Red_Deer_5yr_Chicago_2h J98
S1659	0.04	10.00	40.00	2.8200	Red_Deer_5yr_Chicago_2h J423
S1660	17.71	10.00	40.00	4.2300	Red_Deer_5yr_Chicago_2h J423
S1661	0.04	10.00	50.00	2.9000	Red_Deer_5yr_Chicago_2h I13STM1476
S1663	0.08	15.00	35.00	3.4000	Red_Deer_5yr_Chicago_2h J98
S1664	0.04	10.00	50.00	3.7800	Red_Deer_5yr_Chicago_2h H13STM2276
S1665	0.06	15.00	40.00	2.7200	Red_Deer_5yr_Chicago_2h I13STM1478
S1666	0.04	10.00	50.00	3.0600	Red_Deer_5yr_Chicago_2h I13STM1476
S1668	0.05	10.00	40.00	4.0700	Red_Deer_5yr_Chicago_2h J423
S1670	0.06	15.00	35.00	3.6600	Red_Deer_5yr_Chicago_2h J100
S1671	0.04	10.00	50.00	3.6700	Red_Deer_5yr_Chicago_2h H13STM2276
S1672	0.06	10.00	50.00	3.1800	Red_Deer_5yr_Chicago_2h I13STM1476
S1673	0.04	10.00	40.00	2.4800	Red_Deer_5yr_Chicago_2h J423
S1675	0.03	8.00	65.00	7.2700	Red_Deer_5yr_Chicago_2h J98
S1678	0.04	10.00	50.00	3.7600	Red_Deer_5yr_Chicago_2h H13STM2276
S1681	0.10	10.00	50.00	2.7400	Red_Deer_5yr_Chicago_2h I13STM1476
S1682	0.08	15.00	35.00	3.6200	Red_Deer_5yr_Chicago_2h H13STM1531
S1687	0.04	10.00	40.00	3.0900	Red_Deer_5yr_Chicago_2h J423
S1691	0.11	15.00	35.00	5.5800	Red_Deer_5yr_Chicago_2h J109
S1693	0.04	10.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h H13STM2276
S1694	0.07	25.50	40.00	2.8300	Red_Deer_5yr_Chicago_2h I13STM1477
S1695	0.03	8.00	65.00	6.0700	Red_Deer_5yr_Chicago_2h J98
S1697	0.06	15.00	35.00	5.9000	Red_Deer_5yr_Chicago_2h J109
S1698	0.04	10.00	40.00	4.0300	Red_Deer_5yr_Chicago_2h J423
S17	1.11	52.57	5.00	6.2100	Red_Deer_5yr_Chicago_2h HPMH44
S1700	0.36	21.70	65.00	4.8500	Red_Deer_5yr_Chicago_2h J109
S1703	0.07	15.00	35.00	3.9500	Red_Deer_5yr_Chicago_2h J98
S1705	0.04	10.00	50.00	3.5100	Red_Deer_5yr_Chicago_2h H13STM2276
S1706	0.04	10.00	50.00	3.6500	Red_Deer_5yr_Chicago_2h I13STM1496

S1707	0.04	10.00	40.00	2.1900	Red_Deer_5yr_Chicago_2h J423
S1708	0.08	10.00	50.00	3.5900	Red_Deer_5yr_Chicago_2h I13STM1476
S1711	0.04	10.00	50.00	3.3400	Red_Deer_5yr_Chicago_2h H13STM1532
S1713	0.09	15.00	35.00	3.9600	Red_Deer_5yr_Chicago_2h J98
S1714	0.04	10.00	50.00	3.0600	Red_Deer_5yr_Chicago_2h I13STM1496
S1715	0.03	8.00	65.00	6.3200	Red_Deer_5yr_Chicago_2h J98
S1718	0.05	10.00	50.00	3.9100	Red_Deer_5yr_Chicago_2h H13STM1532
S1720	0.04	10.00	50.00	3.9200	Red_Deer_5yr_Chicago_2h I13STM1496
S1722	0.05	10.00	40.00	3.3000	Red_Deer_5yr_Chicago_2h J423
S1724	0.06	15.00	40.00	2.9500	Red_Deer_5yr_Chicago_2h I13STM1478
S1726	0.04	10.00	40.00	4.3600	Red_Deer_5yr_Chicago_2h J423
S1729	0.05	10.00	50.00	4.3800	Red_Deer_5yr_Chicago_2h I13STM1476
S1730	0.04	10.00	50.00	3.6600	Red_Deer_5yr_Chicago_2h I13STM1496
S1733	0.03	8.00	65.00	7.0500	Red_Deer_5yr_Chicago_2h J98
S1740	0.04	10.00	50.00	2.1100	Red_Deer_5yr_Chicago_2h I13STM1476
S1748	0.05	10.00	40.00	2.7600	Red_Deer_5yr_Chicago_2h J423
S1749	0.07	15.00	35.00	4.4900	Red_Deer_5yr_Chicago_2h J98
S1752	0.04	10.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h I13STM1496
S1754	0.14	15.00	35.00	7.3400	Red_Deer_5yr_Chicago_2h J98
S1755	0.11	15.00	35.00	5.7800	Red_Deer_5yr_Chicago_2h J98
S1756	0.07	15.00	35.00	4.9400	Red_Deer_5yr_Chicago_2h J98
S1757	0.07	15.00	35.00	6.1200	Red_Deer_5yr_Chicago_2h J98
S1758	0.07	15.00	35.00	6.8700	Red_Deer_5yr_Chicago_2h J98
S1759	0.07	15.00	35.00	6.4600	Red_Deer_5yr_Chicago_2h J98
S1760	0.07	15.00	35.00	3.3800	Red_Deer_5yr_Chicago_2h J98
S1761	0.10	15.00	35.00	3.4000	Red_Deer_5yr_Chicago_2h J100
S1764	0.04	10.00	50.00	2.9900	Red_Deer_5yr_Chicago_2h I13STM1496
S1765	0.03	8.00	65.00	4.9800	Red_Deer_5yr_Chicago_2h J98
S1768	0.06	15.00	40.00	3.2900	Red_Deer_5yr_Chicago_2h I13STM1477
S1769	0.06	10.00	50.00	3.3000	Red_Deer_5yr_Chicago_2h I13STM1476
S1772	0.04	10.00	40.00	4.8000	Red_Deer_5yr_Chicago_2h J423
S1773	0.05	10.00	50.00	3.0200	Red_Deer_5yr_Chicago_2h I13STM1476
S1774	0.05	10.00	40.00	3.0200	Red_Deer_5yr_Chicago_2h J423
S1776	0.11	15.00	40.00	2.9100	Red_Deer_5yr_Chicago_2h I13STM1534
S1779	0.04	10.00	50.00	2.1800	Red_Deer_5yr_Chicago_2h I13STM1476
S1782	0.05	15.00	40.00	3.9800	Red_Deer_5yr_Chicago_2h H13STM1532
S1784	0.13	15.00	35.00	4.6200	Red_Deer_5yr_Chicago_2h J98
S1785	0.10	15.00	35.00	3.1500	Red_Deer_5yr_Chicago_2h H13STM1531
S1787	0.09	15.00	40.00	2.3100	Red_Deer_5yr_Chicago_2h H13STM1533
S1789	0.03	8.00	65.00	5.7600	Red_Deer_5yr_Chicago_2h J98
S1790	0.14	15.00	35.00	3.4300	Red_Deer_5yr_Chicago_2h J98
S1794	0.07	15.00	50.00	3.4300	Red_Deer_5yr_Chicago_2h J110
S1795	0.05	10.00	40.00	3.1100	Red_Deer_5yr_Chicago_2h J423
S1797	0.11	15.00	40.00	3.1600	Red_Deer_5yr_Chicago_2h I13STM1534
S18	0.36	15.00	70.00	2.4200	Red_Deer_5yr_Chicago_2h H8STM135
S1803	0.07	15.00	35.00	4.3900	Red_Deer_5yr_Chicago_2h J98
S1804	0.07	15.00	35.00	4.8700	Red_Deer_5yr_Chicago_2h J111
S1806	0.07	15.00	50.00	5.2300	Red_Deer_5yr_Chicago_2h J110
S1807	0.05	10.00	50.00	3.4900	Red_Deer_5yr_Chicago_2h I13STM1476
S1808	0.07	15.00	40.00	2.9600	Red_Deer_5yr_Chicago_2h I13STM1479
S1811	0.04	10.00	50.00	2.4000	Red_Deer_5yr_Chicago_2h I13STM1476
S1812	0.04	10.00	40.00	4.3500	Red_Deer_5yr_Chicago_2h J423
S1814	0.03	8.00	65.00	8.3600	Red_Deer_5yr_Chicago_2h J98
S1816	0.11	15.00	40.00	2.5500	Red_Deer_5yr_Chicago_2h H13STM1533
S1817	0.07	15.00	40.00	3.5600	Red_Deer_5yr_Chicago_2h H13STM1531
S1818	0.07	15.00	35.00	3.9600	Red_Deer_5yr_Chicago_2h J98
S1820	0.06	15.00	35.00	3.5900	Red_Deer_5yr_Chicago_2h J100
S1822	0.10	15.00	35.00	4.3600	Red_Deer_5yr_Chicago_2h J98
S1826	0.07	15.00	40.00	3.3100	Red_Deer_5yr_Chicago_2h I13STM1534
S1827	0.05	10.00	40.00	3.0300	Red_Deer_5yr_Chicago_2h J423
S1829	0.03	8.00	65.00	9.3100	Red_Deer_5yr_Chicago_2h J98
S1831	0.05	10.00	50.00	2.9600	Red_Deer_5yr_Chicago_2h I13STM1475
S1833	0.07	15.00	40.00	2.5700	Red_Deer_5yr_Chicago_2h I13STM1480
S1835	0.04	10.00	50.00	3.2100	Red_Deer_5yr_Chicago_2h I13STM1474
S1836	0.09	15.00	35.00	5.0100	Red_Deer_5yr_Chicago_2h J98
S1837	0.07	15.00	40.00	3.2800	Red_Deer_5yr_Chicago_2h H13STM1531
S1841	0.06	15.00	35.00	3.7700	Red_Deer_5yr_Chicago_2h J111
S1842	0.04	10.00	40.00	3.3600	Red_Deer_5yr_Chicago_2h J423
S1843	0.08	15.00	40.00	3.4900	Red_Deer_5yr_Chicago_2h H13STM1531
S1847	0.11	15.00	40.00	2.6500	Red_Deer_5yr_Chicago_2h I13STM1497
S1848	0.03	8.00	65.00	5.0100	Red_Deer_5yr_Chicago_2h J98
S1851	0.05	10.00	50.00	3.2300	Red_Deer_5yr_Chicago_2h I13STM1475
S1852	0.04	8.00	50.00	4.4000	Red_Deer_5yr_Chicago_2h J110
S1853	0.04	8.00	50.00	5.1000	Red_Deer_5yr_Chicago_2h J110
S1855	0.04	8.00	50.00	4.8500	Red_Deer_5yr_Chicago_2h J110

S1856	0.04	8.00	50.00	6.2200	Red_Deer_5yr_Chicago_2h	J110
S1857	0.04	8.00	50.00	5.6900	Red_Deer_5yr_Chicago_2h	J110
S1858	0.04	8.00	50.00	4.3400	Red_Deer_5yr_Chicago_2h	J110
S1859	0.04	8.00	50.00	4.7400	Red_Deer_5yr_Chicago_2h	J110
S1860	0.04	8.00	50.00	5.5400	Red_Deer_5yr_Chicago_2h	J110
S1861	0.04	8.00	50.00	5.2200	Red_Deer_5yr_Chicago_2h	J110
S1862	0.04	8.00	50.00	6.3200	Red_Deer_5yr_Chicago_2h	J110
S1863	0.04	7.18	65.00	3.5000	Red_Deer_5yr_Chicago_2h	J110
S1864	0.04	10.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h	I13STM1474
S1865	0.10	15.00	40.00	2.6300	Red_Deer_5yr_Chicago_2h	I13STM1497
S1866	0.07	15.00	35.00	3.2700	Red_Deer_5yr_Chicago_2h	J98
S1867	0.04	7.56	65.00	3.4300	Red_Deer_5yr_Chicago_2h	J110
S1868	0.07	15.00	35.00	4.7000	Red_Deer_5yr_Chicago_2h	J98
S1872	0.06	15.00	40.00	3.2500	Red_Deer_5yr_Chicago_2h	I13STM1480
S1873	0.08	15.00	35.00	2.7600	Red_Deer_5yr_Chicago_2h	I13STM1497
S1874	0.04	10.00	40.00	3.4200	Red_Deer_5yr_Chicago_2h	J423
S1875	0.04	10.00	40.00	3.1500	Red_Deer_5yr_Chicago_2h	J423
S1876	0.04	10.00	40.00	3.6600	Red_Deer_5yr_Chicago_2h	J423
S1877	0.05	10.00	40.00	2.9600	Red_Deer_5yr_Chicago_2h	J423
S1878	0.05	10.00	40.00	3.7500	Red_Deer_5yr_Chicago_2h	J423
S1879	0.03	8.00	65.00	4.4200	Red_Deer_5yr_Chicago_2h	J98
S1880	0.10	15.00	35.00	3.5900	Red_Deer_5yr_Chicago_2h	H13STM1533
S1887	0.06	15.00	35.00	5.6200	Red_Deer_5yr_Chicago_2h	J111
S1894	0.13	15.00	40.00	2.8700	Red_Deer_5yr_Chicago_2h	I13STM1497
S1898	0.07	15.00	40.00	3.1300	Red_Deer_5yr_Chicago_2h	I13STM1536
S19	0.88	56.15	70.00	3.0000	Red_Deer_5yr_Chicago_2h	HPMH51
S1906	0.07	15.00	35.00	3.2000	Red_Deer_5yr_Chicago_2h	I13STM1497
S1907	0.04	10.00	50.00	3.2000	Red_Deer_5yr_Chicago_2h	I13STM1474
S1908	0.15	15.00	35.00	4.2600	Red_Deer_5yr_Chicago_2h	J111
S1909	0.07	15.00	35.00	5.8100	Red_Deer_5yr_Chicago_2h	J111
S1910	0.05	10.00	50.00	3.4000	Red_Deer_5yr_Chicago_2h	I13STM1475
S1911	0.03	8.00	65.00	3.8200	Red_Deer_5yr_Chicago_2h	J98
S1913	0.07	15.00	35.00	3.4600	Red_Deer_5yr_Chicago_2h	H13STM1533
S1916	0.06	15.00	40.00	3.3300	Red_Deer_5yr_Chicago_2h	I13STM1480
S1918	0.06	10.00	40.00	3.5900	Red_Deer_5yr_Chicago_2h	J423
S1919	0.07	15.00	35.00	3.5300	Red_Deer_5yr_Chicago_2h	J100
S1920	0.08	15.00	35.00	3.8000	Red_Deer_5yr_Chicago_2h	J100
S1921	0.07	15.00	35.00	2.9900	Red_Deer_5yr_Chicago_2h	J98
S1922	0.06	15.00	35.00	3.2900	Red_Deer_5yr_Chicago_2h	J98
S1923	0.06	15.00	35.00	3.6100	Red_Deer_5yr_Chicago_2h	J98
S1924	0.06	15.00	35.00	3.5600	Red_Deer_5yr_Chicago_2h	J98
S1925	0.06	15.00	35.00	3.7400	Red_Deer_5yr_Chicago_2h	J98
S1926	0.06	15.00	35.00	3.6200	Red_Deer_5yr_Chicago_2h	J98
S1927	0.06	15.00	35.00	3.9700	Red_Deer_5yr_Chicago_2h	J98
S1928	0.06	15.00	35.00	3.9200	Red_Deer_5yr_Chicago_2h	J98
S1929	0.06	15.00	35.00	4.4100	Red_Deer_5yr_Chicago_2h	J98
S1931	0.07	15.00	35.00	3.7000	Red_Deer_5yr_Chicago_2h	J98
S1933	0.07	15.00	35.00	2.8200	Red_Deer_5yr_Chicago_2h	J98
S1935	0.08	15.00	35.00	4.9600	Red_Deer_5yr_Chicago_2h	J98
S1936	0.12	15.00	35.00	6.2200	Red_Deer_5yr_Chicago_2h	J98
S1937	0.16	15.00	35.00	4.4200	Red_Deer_5yr_Chicago_2h	J98
S1938	0.12	15.00	35.00	3.1500	Red_Deer_5yr_Chicago_2h	J98
S1939	3.96	129.08	30.00	3.5400	Red_Deer_5yr_Chicago_2h	J104
S1940	0.10	15.00	35.00	3.9200	Red_Deer_5yr_Chicago_2h	J98
S1941	0.10	15.00	35.00	4.4100	Red_Deer_5yr_Chicago_2h	J98
S1942	0.10	15.00	35.00	3.7800	Red_Deer_5yr_Chicago_2h	J98
S1943	0.10	15.00	35.00	4.1500	Red_Deer_5yr_Chicago_2h	J98
S1944	0.10	15.00	35.00	4.2000	Red_Deer_5yr_Chicago_2h	J98
S1945	0.15	15.00	35.00	4.5400	Red_Deer_5yr_Chicago_2h	J98
S1946	0.03	8.00	65.00	5.5600	Red_Deer_5yr_Chicago_2h	J98
S1950	0.04	10.00	50.00	3.9000	Red_Deer_5yr_Chicago_2h	I13STM1474
S1953	0.06	15.00	35.00	3.6800	Red_Deer_5yr_Chicago_2h	H13STM1533
S1958	0.06	15.00	35.00	3.1700	Red_Deer_5yr_Chicago_2h	H13STM1494
S1960	0.08	15.00	40.00	3.0700	Red_Deer_5yr_Chicago_2h	I13STM1497
S1961	0.06	15.00	35.00	2.9900	Red_Deer_5yr_Chicago_2h	H13STM1533
S1963	0.06	15.00	35.00	3.3400	Red_Deer_5yr_Chicago_2h	H13STM1494
S1964	0.04	10.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h	I13STM1474
S1965	0.06	15.00	35.00	5.9100	Red_Deer_5yr_Chicago_2h	J111
S1970	0.06	15.00	35.00	2.9700	Red_Deer_5yr_Chicago_2h	H13STM1533
S1973	0.06	15.00	35.00	3.6800	Red_Deer_5yr_Chicago_2h	H13STM1494
S1978	0.04	10.00	50.00	3.9800	Red_Deer_5yr_Chicago_2h	I13STM1474
S1979	0.09	15.00	35.00	3.0900	Red_Deer_5yr_Chicago_2h	I12STM1483
S1980	0.06	15.00	35.00	3.6100	Red_Deer_5yr_Chicago_2h	I13STM1534
S1986	0.06	15.00	35.00	2.9800	Red_Deer_5yr_Chicago_2h	H12STM1495
S1988	0.03	8.00	50.00	3.9500	Red_Deer_5yr_Chicago_2h	J123

S1989	0.03	8.00	35.00	4.5300	Red_Deer_5yr_Chicago_2h J510
S1990	0.03	8.00	35.00	4.1100	Red_Deer_5yr_Chicago_2h J510
S1991	0.03	8.00	35.00	3.6200	Red_Deer_5yr_Chicago_2h J120
S1992	0.03	8.00	35.00	5.0700	Red_Deer_5yr_Chicago_2h J120
S1993	0.03	8.00	35.00	4.9800	Red_Deer_5yr_Chicago_2h J119
S1994	0.10	10.00	40.00	2.9400	Red_Deer_5yr_Chicago_2h J423
S1995	0.03	8.00	35.00	4.8700	Red_Deer_5yr_Chicago_2h J441
S1996	0.03	8.00	35.00	4.4600	Red_Deer_5yr_Chicago_2h J440
S1997	0.03	8.00	65.00	4.8700	Red_Deer_5yr_Chicago_2h J440
S1998	0.07	10.00	40.00	2.9100	Red_Deer_5yr_Chicago_2h J423
S1999	0.03	8.00	65.00	4.9600	Red_Deer_5yr_Chicago_2h J114
S2	62.73	478.87	80.00	3.5600	Red_Deer_5yr_Chicago_2h Lagoons
S20	1.20	53.85	80.00	4.8700	Red_Deer_5yr_Chicago_2h J85
S2000	0.05	10.00	40.00	3.0600	Red_Deer_5yr_Chicago_2h J423
S2001	0.04	10.00	40.00	3.3300	Red_Deer_5yr_Chicago_2h J423
S2002	0.05	10.00	40.00	2.7600	Red_Deer_5yr_Chicago_2h J423
S2003	0.05	10.00	40.00	3.0300	Red_Deer_5yr_Chicago_2h J423
S2004	0.04	10.00	40.00	3.7100	Red_Deer_5yr_Chicago_2h J423
S2005	0.04	10.00	40.00	2.9700	Red_Deer_5yr_Chicago_2h J423
S2007	0.06	15.00	35.00	2.9700	Red_Deer_5yr_Chicago_2h I13STM1536
S2012	0.08	15.00	35.00	3.1500	Red_Deer_5yr_Chicago_2h I12STM1483
S2014	0.04	10.00	50.00	4.0700	Red_Deer_5yr_Chicago_2h I13STM1474
S2016	0.06	15.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h J101
S2018	0.06	15.00	50.00	2.9300	Red_Deer_5yr_Chicago_2h J123
S2019	0.03	8.00	50.00	2.7700	Red_Deer_5yr_Chicago_2h J123
S2020	0.03	8.00	35.00	4.1800	Red_Deer_5yr_Chicago_2h J510
S2021	0.03	8.00	35.00	4.1700	Red_Deer_5yr_Chicago_2h J510
S2022	0.03	8.00	35.00	3.4700	Red_Deer_5yr_Chicago_2h J120
S2023	0.03	8.00	35.00	4.9000	Red_Deer_5yr_Chicago_2h J120
S2024	0.03	8.00	35.00	3.6000	Red_Deer_5yr_Chicago_2h J119
S2025	0.06	15.00	35.00	3.2600	Red_Deer_5yr_Chicago_2h H12STM1495
S2027	0.03	8.00	35.00	6.0300	Red_Deer_5yr_Chicago_2h J441
S2028	0.03	8.00	35.00	3.8600	Red_Deer_5yr_Chicago_2h J440
S2029	0.03	8.00	65.00	5.7200	Red_Deer_5yr_Chicago_2h J440
S2030	0.03	8.00	65.00	6.5100	Red_Deer_5yr_Chicago_2h J114
S2031	0.06	15.00	35.00	3.6000	Red_Deer_5yr_Chicago_2h I13STM1536
S2032	0.20	22.14	5.00	8.0400	Red_Deer_5yr_Chicago_2h J441
S2033	0.07	15.00	35.00	2.9500	Red_Deer_5yr_Chicago_2h I12STM1483
S2035	0.10	15.00	40.00	4.2500	Red_Deer_5yr_Chicago_2h I13STM1482
S2039	0.06	15.00	35.00	3.7700	Red_Deer_5yr_Chicago_2h I13STM1536
S2053	0.03	8.00	50.00	4.1100	Red_Deer_5yr_Chicago_2h J123
S2054	0.03	8.00	35.00	5.5200	Red_Deer_5yr_Chicago_2h J510
S2056	0.03	8.00	35.00	3.2800	Red_Deer_5yr_Chicago_2h J510
S2057	0.03	8.00	35.00	4.5100	Red_Deer_5yr_Chicago_2h J120
S2058	0.03	8.00	35.00	4.4600	Red_Deer_5yr_Chicago_2h J120
S2060	0.03	8.00	35.00	3.7300	Red_Deer_5yr_Chicago_2h J119
S2061	0.09	15.00	35.00	6.1900	Red_Deer_5yr_Chicago_2h J119
S2063	0.03	8.00	35.00	5.6700	Red_Deer_5yr_Chicago_2h J441
S2064	0.03	8.00	35.00	5.7100	Red_Deer_5yr_Chicago_2h J440
S2065	0.03	8.00	65.00	4.7300	Red_Deer_5yr_Chicago_2h J440
S2067	0.03	8.00	65.00	6.1600	Red_Deer_5yr_Chicago_2h J114
S2070	0.20	15.00	35.00	7.6400	Red_Deer_5yr_Chicago_2h J111
S2072	0.10	15.00	35.00	7.5500	Red_Deer_5yr_Chicago_2h J111
S2074	0.06	15.00	35.00	4.0800	Red_Deer_5yr_Chicago_2h I13STM1475
S2075	0.12	15.00	35.00	7.3000	Red_Deer_5yr_Chicago_2h J111
S2076	0.81	32.38	65.00	7.0500	Red_Deer_5yr_Chicago_2h J110
S2077	0.06	15.00	35.00	3.4300	Red_Deer_5yr_Chicago_2h H12STM1495
S2079	0.06	15.00	35.00	3.5800	Red_Deer_5yr_Chicago_2h I13STM1475
S2080	0.06	15.00	35.00	3.2700	Red_Deer_5yr_Chicago_2h I13STM1475
S2081	0.06	15.00	35.00	3.0200	Red_Deer_5yr_Chicago_2h I12STM1473
S2086	0.08	15.00	35.00	3.0400	Red_Deer_5yr_Chicago_2h I13STM1482
S2087	0.05	15.00	50.00	2.9800	Red_Deer_5yr_Chicago_2h J101
S2088	0.06	15.00	50.00	3.0800	Red_Deer_5yr_Chicago_2h J123
S2089	0.03	8.00	50.00	2.5200	Red_Deer_5yr_Chicago_2h J123
S2090	0.03	8.00	35.00	3.6300	Red_Deer_5yr_Chicago_2h J510
S2091	0.03	8.00	35.00	3.9300	Red_Deer_5yr_Chicago_2h J510
S2092	0.03	8.00	35.00	4.2400	Red_Deer_5yr_Chicago_2h J120
S2093	0.03	8.00	35.00	3.7600	Red_Deer_5yr_Chicago_2h J120
S2094	0.03	8.00	35.00	4.5700	Red_Deer_5yr_Chicago_2h J119
S2095	0.03	8.00	35.00	3.2100	Red_Deer_5yr_Chicago_2h J119
S2096	0.03	8.00	35.00	4.4500	Red_Deer_5yr_Chicago_2h J441
S2097	0.03	8.00	35.00	4.3200	Red_Deer_5yr_Chicago_2h J440
S2098	0.03	8.00	65.00	4.8500	Red_Deer_5yr_Chicago_2h J440
S2099	0.03	8.00	65.00	8.2200	Red_Deer_5yr_Chicago_2h J114
S21	2.06	86.14	70.00	4.3300	Red_Deer_5yr_Chicago_2h CULV5210

S2105	0.06	15.00	35.00	3.2600	Red_Deer_5yr_Chicago_2h H12STM1493
S2107	0.06	15.00	35.00	3.2400	Red_Deer_5yr_Chicago_2h I13STM1482
S2109	0.03	8.00	50.00	3.9900	Red_Deer_5yr_Chicago_2h J123
S2110	0.03	8.00	35.00	3.3800	Red_Deer_5yr_Chicago_2h J510
S2111	0.03	8.00	35.00	4.5200	Red_Deer_5yr_Chicago_2h J510
S2112	0.03	8.00	35.00	3.0100	Red_Deer_5yr_Chicago_2h J120
S2113	0.03	8.00	35.00	3.4000	Red_Deer_5yr_Chicago_2h J120
S2114	0.03	8.00	35.00	4.9400	Red_Deer_5yr_Chicago_2h J119
S2115	0.03	8.00	35.00	2.7600	Red_Deer_5yr_Chicago_2h J119
S2116	0.03	8.00	35.00	4.6500	Red_Deer_5yr_Chicago_2h J441
S2117	0.03	8.00	35.00	3.4900	Red_Deer_5yr_Chicago_2h J440
S2118	0.03	8.00	65.00	4.8200	Red_Deer_5yr_Chicago_2h J440
S2119	0.03	8.00	65.00	4.8800	Red_Deer_5yr_Chicago_2h J114
S2126	0.06	15.00	35.00	3.2100	Red_Deer_5yr_Chicago_2h I13STM1482
S2131	0.05	15.00	50.00	2.7800	Red_Deer_5yr_Chicago_2h J101
S2132	0.06	15.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h J123
S2133	0.03	8.00	50.00	3.8700	Red_Deer_5yr_Chicago_2h J123
S2134	0.03	8.00	35.00	4.0700	Red_Deer_5yr_Chicago_2h J510
S2135	0.03	8.00	35.00	4.1500	Red_Deer_5yr_Chicago_2h J510
S2136	0.03	8.00	35.00	3.7500	Red_Deer_5yr_Chicago_2h J120
S2137	0.03	8.00	35.00	3.6200	Red_Deer_5yr_Chicago_2h J120
S2138	0.03	8.00	35.00	5.1400	Red_Deer_5yr_Chicago_2h J119
S2139	0.03	8.00	35.00	4.4200	Red_Deer_5yr_Chicago_2h J119
S2140	0.03	8.00	35.00	5.9000	Red_Deer_5yr_Chicago_2h J441
S2141	0.03	8.00	35.00	3.6000	Red_Deer_5yr_Chicago_2h J440
S2142	0.03	8.00	65.00	5.0700	Red_Deer_5yr_Chicago_2h J440
S2143	0.03	8.00	65.00	4.6600	Red_Deer_5yr_Chicago_2h J114
S2144	0.06	15.00	35.00	3.4400	Red_Deer_5yr_Chicago_2h H12STM1493
S2147	0.06	15.00	35.00	3.1000	Red_Deer_5yr_Chicago_2h H13STM1494
S2148	0.06	15.00	35.00	2.8100	Red_Deer_5yr_Chicago_2h I12STM1483
S2150	0.06	15.00	35.00	3.6400	Red_Deer_5yr_Chicago_2h H13STM1494
S2152	0.03	8.00	50.00	3.5000	Red_Deer_5yr_Chicago_2h J123
S2153	0.03	8.00	35.00	3.7200	Red_Deer_5yr_Chicago_2h J510
S2154	0.03	8.00	35.00	3.7900	Red_Deer_5yr_Chicago_2h J510
S2155	0.03	8.00	35.00	3.1300	Red_Deer_5yr_Chicago_2h J120
S2156	0.03	8.00	35.00	4.1200	Red_Deer_5yr_Chicago_2h J120
S2157	0.03	8.00	35.00	6.9300	Red_Deer_5yr_Chicago_2h J119
S2158	0.03	8.00	35.00	3.5000	Red_Deer_5yr_Chicago_2h J119
S2159	0.06	15.00	35.00	3.2100	Red_Deer_5yr_Chicago_2h I12STM1483
S2161	0.07	8.00	40.00	6.7400	Red_Deer_5yr_Chicago_2h J441
S2162	0.03	8.00	35.00	4.9300	Red_Deer_5yr_Chicago_2h J440
S2163	0.03	8.00	65.00	3.9900	Red_Deer_5yr_Chicago_2h J440
S2164	0.03	8.00	65.00	5.4000	Red_Deer_5yr_Chicago_2h J114
S2168	0.08	15.00	40.00	3.0500	Red_Deer_5yr_Chicago_2h I12STM1487
S2170	0.06	15.00	35.00	3.0700	Red_Deer_5yr_Chicago_2h H12STM1493
S2171	0.06	15.00	35.00	3.9300	Red_Deer_5yr_Chicago_2h H12STM1537
S2175	0.07	15.00	40.00	3.1800	Red_Deer_5yr_Chicago_2h I12STM1487
S2180	0.05	15.00	50.00	2.7200	Red_Deer_5yr_Chicago_2h J101
S2181	0.06	15.00	50.00	3.2000	Red_Deer_5yr_Chicago_2h J123
S2184	0.03	8.00	50.00	3.1300	Red_Deer_5yr_Chicago_2h J123
S2185	0.03	8.00	35.00	4.6800	Red_Deer_5yr_Chicago_2h J510
S2186	0.03	8.00	35.00	4.4000	Red_Deer_5yr_Chicago_2h J510
S2187	0.03	8.00	35.00	2.9700	Red_Deer_5yr_Chicago_2h J120
S2188	0.03	8.00	35.00	4.1000	Red_Deer_5yr_Chicago_2h J120
S2189	0.03	8.00	35.00	5.0200	Red_Deer_5yr_Chicago_2h J119
S2190	0.03	8.00	35.00	5.6900	Red_Deer_5yr_Chicago_2h J119
S2191	0.11	15.00	35.00	4.9000	Red_Deer_5yr_Chicago_2h J441
S2193	0.03	8.00	35.00	5.0900	Red_Deer_5yr_Chicago_2h J440
S2194	0.03	8.00	65.00	4.2500	Red_Deer_5yr_Chicago_2h J440
S2195	0.03	8.00	65.00	5.7800	Red_Deer_5yr_Chicago_2h J114
S2196	0.07	15.00	35.00	3.4700	Red_Deer_5yr_Chicago_2h I12STM1487
S2199	0.06	15.00	35.00	3.6500	Red_Deer_5yr_Chicago_2h H12STM1492
S22	3.95	119.31	70.00	3.7900	Red_Deer_5yr_Chicago_2h CULV5263
S2204	0.07	15.00	35.00	3.0900	Red_Deer_5yr_Chicago_2h I12STM1487
S2208	0.06	15.00	35.00	3.7900	Red_Deer_5yr_Chicago_2h H12STM1492
S2209	0.03	8.00	50.00	3.0100	Red_Deer_5yr_Chicago_2h J123
S2210	0.03	8.00	35.00	3.1000	Red_Deer_5yr_Chicago_2h J510
S2211	0.03	8.00	35.00	4.6400	Red_Deer_5yr_Chicago_2h J510
S2212	0.03	8.00	35.00	2.6200	Red_Deer_5yr_Chicago_2h J120
S2213	0.03	8.00	35.00	2.9500	Red_Deer_5yr_Chicago_2h J120
S2214	0.03	8.00	35.00	3.6500	Red_Deer_5yr_Chicago_2h J119
S2215	0.03	8.00	35.00	4.9000	Red_Deer_5yr_Chicago_2h J119
S2216	0.03	8.00	35.00	4.0300	Red_Deer_5yr_Chicago_2h J441
S2217	0.48	8.00	5.00	5.8300	Red_Deer_5yr_Chicago_2h J442
S2218	0.03	8.00	35.00	4.4400	Red_Deer_5yr_Chicago_2h J440

S2220	0.03	8.00	65.00	4.9100	Red_Deer_5yr_Chicago_2h J440
S2221	0.67	40.99	5.00	2.6100	Red_Deer_5yr_Chicago_2h I12STM1488
S2222	0.03	8.00	65.00	6.0700	Red_Deer_5yr_Chicago_2h J114
S2224	0.06	15.00	40.00	3.5400	Red_Deer_5yr_Chicago_2h H12STM1537
S2225	0.06	15.00	35.00	3.3800	Red_Deer_5yr_Chicago_2h H12STM1492
S2226	0.06	15.00	35.00	3.2100	Red_Deer_5yr_Chicago_2h H12STM1492
S2227	0.06	15.00	35.00	2.9000	Red_Deer_5yr_Chicago_2h H12STM1492
S2228	0.10	15.00	35.00	3.7400	Red_Deer_5yr_Chicago_2h I12STM1483
S2233	0.07	15.00	35.00	3.0200	Red_Deer_5yr_Chicago_2h I12STM1486
S2235	0.05	15.00	50.00	2.9600	Red_Deer_5yr_Chicago_2h J101
S2236	0.06	15.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h J123
S2237	0.03	8.00	50.00	3.0100	Red_Deer_5yr_Chicago_2h J123
S2238	0.03	8.00	35.00	3.4800	Red_Deer_5yr_Chicago_2h J510
S2239	0.03	8.00	35.00	6.0300	Red_Deer_5yr_Chicago_2h J510
S2240	0.03	8.00	35.00	3.2100	Red_Deer_5yr_Chicago_2h J120
S2241	0.03	8.00	35.00	3.1800	Red_Deer_5yr_Chicago_2h J120
S2242	0.03	8.00	35.00	5.3800	Red_Deer_5yr_Chicago_2h J119
S2243	0.03	8.00	35.00	3.6300	Red_Deer_5yr_Chicago_2h J119
S2244	0.03	8.00	35.00	6.8000	Red_Deer_5yr_Chicago_2h J441
S2245	0.17	20.85	5.00	5.7900	Red_Deer_5yr_Chicago_2h J440
S2246	0.03	8.00	35.00	5.6000	Red_Deer_5yr_Chicago_2h J440
S2247	0.03	8.00	65.00	5.0600	Red_Deer_5yr_Chicago_2h J440
S2248	0.03	8.00	65.00	4.6100	Red_Deer_5yr_Chicago_2h J114
S2251	0.08	15.00	35.00	3.4400	Red_Deer_5yr_Chicago_2h I12STM1484
S2252	0.07	15.00	35.00	3.4500	Red_Deer_5yr_Chicago_2h I12STM1486
S2255	0.06	15.00	40.00	3.1300	Red_Deer_5yr_Chicago_2h H12STM1537
S2257	0.03	8.00	50.00	3.5000	Red_Deer_5yr_Chicago_2h J123
S2258	0.03	8.00	35.00	3.4700	Red_Deer_5yr_Chicago_2h J510
S2259	0.03	8.00	35.00	4.5000	Red_Deer_5yr_Chicago_2h J510
S226	1.02	15.00	35.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S2260	0.03	8.00	35.00	3.3000	Red_Deer_5yr_Chicago_2h J120
S2261	0.03	8.00	35.00	3.0700	Red_Deer_5yr_Chicago_2h J120
S2262	0.03	8.00	35.00	3.8600	Red_Deer_5yr_Chicago_2h J119
S2263	0.03	8.00	35.00	3.1600	Red_Deer_5yr_Chicago_2h J119
S2264	0.03	8.00	35.00	5.2600	Red_Deer_5yr_Chicago_2h J441
S2265	0.17	20.85	5.00	6.3200	Red_Deer_5yr_Chicago_2h J441
S2266	0.27	25.88	5.00	8.6500	Red_Deer_5yr_Chicago_2h J4
S2267	0.03	8.00	65.00	3.9300	Red_Deer_5yr_Chicago_2h J440
S2268	0.03	8.00	65.00	4.4300	Red_Deer_5yr_Chicago_2h J114
S2272	0.07	15.00	35.00	3.1500	Red_Deer_5yr_Chicago_2h I12STM1486
S2273	0.09	15.00	35.00	3.5200	Red_Deer_5yr_Chicago_2h H12STM1537
S2275	0.07	15.00	35.00	3.5300	Red_Deer_5yr_Chicago_2h H12STM1493
S2276	0.05	15.00	50.00	3.3800	Red_Deer_5yr_Chicago_2h J101
S2277	0.06	15.00	50.00	3.3900	Red_Deer_5yr_Chicago_2h J123
S2278	0.03	8.00	50.00	3.3700	Red_Deer_5yr_Chicago_2h J123
S2279	0.03	8.00	35.00	3.8100	Red_Deer_5yr_Chicago_2h J510
S228	0.92	15.00	35.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S2280	0.03	8.00	35.00	4.9300	Red_Deer_5yr_Chicago_2h J510
S2281	0.03	8.00	35.00	3.3600	Red_Deer_5yr_Chicago_2h J120
S2282	0.03	8.00	35.00	3.7900	Red_Deer_5yr_Chicago_2h J120
S2283	0.03	8.00	35.00	3.7700	Red_Deer_5yr_Chicago_2h J119
S2284	0.03	8.00	35.00	3.8800	Red_Deer_5yr_Chicago_2h J119
S2285	0.03	8.00	35.00	5.6400	Red_Deer_5yr_Chicago_2h J441
S2288	0.03	8.00	65.00	4.8600	Red_Deer_5yr_Chicago_2h J440
S2289	0.03	8.00	65.00	5.8000	Red_Deer_5yr_Chicago_2h J114
S2290	0.07	15.00	35.00	2.8900	Red_Deer_5yr_Chicago_2h I12STM1486
S2296	0.06	15.00	40.00	4.2100	Red_Deer_5yr_Chicago_2h J26
S23	0.79	41.49	80.00	4.2100	Red_Deer_5yr_Chicago_2h J3
S2305	0.03	8.00	50.00	3.0800	Red_Deer_5yr_Chicago_2h J123
S2306	0.03	8.00	35.00	3.1500	Red_Deer_5yr_Chicago_2h J510
S2307	0.03	8.00	35.00	8.9000	Red_Deer_5yr_Chicago_2h J510
S2308	0.03	8.00	35.00	3.7400	Red_Deer_5yr_Chicago_2h J120
S2309	0.03	8.00	35.00	2.7900	Red_Deer_5yr_Chicago_2h J120
S2310	0.03	8.00	35.00	7.3700	Red_Deer_5yr_Chicago_2h J119
S2312	0.03	8.00	35.00	3.3800	Red_Deer_5yr_Chicago_2h J119
S2313	0.03	8.00	35.00	6.2300	Red_Deer_5yr_Chicago_2h J441
S2317	0.06	15.00	35.00	3.3100	Red_Deer_5yr_Chicago_2h I12STM1486
S2318	0.03	8.00	65.00	3.1200	Red_Deer_5yr_Chicago_2h J440
S2319	0.03	8.00	65.00	6.0600	Red_Deer_5yr_Chicago_2h J114
S2320	0.07	15.00	35.00	4.3100	Red_Deer_5yr_Chicago_2h H12STM1493
S2322	0.06	15.00	35.00	3.2500	Red_Deer_5yr_Chicago_2h I12STM1486
S2323	0.05	15.00	50.00	2.6000	Red_Deer_5yr_Chicago_2h J101
S2324	0.06	15.00	50.00	3.7000	Red_Deer_5yr_Chicago_2h J123
S2325	0.03	8.00	50.00	3.1400	Red_Deer_5yr_Chicago_2h J123
S2326	0.03	8.00	35.00	3.6200	Red_Deer_5yr_Chicago_2h J510

S2327	0.03	8.00	35.00	5.0400	Red_Deer_5yr_Chicago_2h J510
S2328	0.03	8.00	35.00	3.5700	Red_Deer_5yr_Chicago_2h J120
S2329	0.03	8.00	35.00	4.3800	Red_Deer_5yr_Chicago_2h J120
S2331	0.03	8.00	35.00	7.2500	Red_Deer_5yr_Chicago_2h J119
S2332	0.03	8.00	35.00	3.8200	Red_Deer_5yr_Chicago_2h J119
S2333	0.03	8.00	35.00	4.4000	Red_Deer_5yr_Chicago_2h J441
S2334	0.03	8.00	35.00	5.4700	Red_Deer_5yr_Chicago_2h J441
S2336	0.05	15.00	40.00	3.2600	Red_Deer_5yr_Chicago_2h J26
S2337	0.03	8.00	65.00	4.2300	Red_Deer_5yr_Chicago_2h J440
S2338	0.03	8.00	65.00	6.3200	Red_Deer_5yr_Chicago_2h J114
S2341	0.05	15.00	40.00	4.1700	Red_Deer_5yr_Chicago_2h J26
S2346	0.07	15.00	35.00	3.9800	Red_Deer_5yr_Chicago_2h H12STM1492
S2347	0.06	15.00	35.00	4.3600	Red_Deer_5yr_Chicago_2h I12STM1486
S2350	0.03	8.00	50.00	2.7600	Red_Deer_5yr_Chicago_2h J123
S2351	0.03	8.00	35.00	2.8400	Red_Deer_5yr_Chicago_2h J510
S2352	0.03	8.00	35.00	4.0500	Red_Deer_5yr_Chicago_2h J510
S2353	0.03	8.00	35.00	3.9600	Red_Deer_5yr_Chicago_2h J120
S2354	0.03	8.00	35.00	3.4100	Red_Deer_5yr_Chicago_2h J120
S2355	0.03	8.00	35.00	3.7200	Red_Deer_5yr_Chicago_2h J119
S2356	0.03	8.00	35.00	3.8000	Red_Deer_5yr_Chicago_2h J119
S2357	0.03	8.00	35.00	5.5000	Red_Deer_5yr_Chicago_2h J441
S2358	0.03	8.00	35.00	4.0800	Red_Deer_5yr_Chicago_2h J441
S2360	0.03	8.00	65.00	4.5900	Red_Deer_5yr_Chicago_2h J440
S2361	0.03	8.00	65.00	5.0600	Red_Deer_5yr_Chicago_2h J114
S2365	0.07	15.00	35.00	3.2200	Red_Deer_5yr_Chicago_2h I12STM1507
S2367	0.05	15.00	40.00	3.2000	Red_Deer_5yr_Chicago_2h J26
S2369	0.05	15.00	50.00	3.2400	Red_Deer_5yr_Chicago_2h J101
S2370	0.06	15.00	50.00	3.4800	Red_Deer_5yr_Chicago_2h J123
S2371	0.05	15.00	40.00	3.5400	Red_Deer_5yr_Chicago_2h J26
S2373	0.03	8.00	50.00	2.8200	Red_Deer_5yr_Chicago_2h J123
S2374	0.03	8.00	35.00	3.1800	Red_Deer_5yr_Chicago_2h J510
S2375	0.06	15.00	35.00	2.9400	Red_Deer_5yr_Chicago_2h I12STM1507
S2377	0.03	8.00	35.00	4.7100	Red_Deer_5yr_Chicago_2h J510
S2378	0.03	8.00	35.00	4.3900	Red_Deer_5yr_Chicago_2h J120
S2379	0.03	8.00	35.00	4.1300	Red_Deer_5yr_Chicago_2h J120
S2380	0.03	8.00	35.00	3.8500	Red_Deer_5yr_Chicago_2h J119
S2381	0.03	8.00	35.00	3.3100	Red_Deer_5yr_Chicago_2h J119
S2382	0.03	8.00	35.00	6.0200	Red_Deer_5yr_Chicago_2h J441
S2383	0.03	8.00	35.00	3.3000	Red_Deer_5yr_Chicago_2h J441
S2384	0.03	8.00	50.00	6.4300	Red_Deer_5yr_Chicago_2h J440
S2385	0.03	8.00	65.00	6.3700	Red_Deer_5yr_Chicago_2h J440
S2386	0.03	8.00	65.00	3.2500	Red_Deer_5yr_Chicago_2h J114
S2388	0.07	15.00	35.00	3.0400	Red_Deer_5yr_Chicago_2h I12STM1507
S2392	0.07	15.00	35.00	3.1500	Red_Deer_5yr_Chicago_2h I12STM1507
S2393	0.10	15.85	30.00	3.0600	Red_Deer_5yr_Chicago_2h I12STM1507
S2394	0.06	15.00	35.00	2.9900	Red_Deer_5yr_Chicago_2h I12STM1507
S2395	0.07	15.00	35.00	3.2200	Red_Deer_5yr_Chicago_2h I12STM1507
S24	1.35	69.74	70.00	4.4200	Red_Deer_5yr_Chicago_2h J4
S2401	0.03	8.00	50.00	3.2100	Red_Deer_5yr_Chicago_2h J123
S2402	0.03	8.00	35.00	5.5900	Red_Deer_5yr_Chicago_2h J510
S2403	0.03	8.00	35.00	3.4600	Red_Deer_5yr_Chicago_2h J510
S2404	0.03	8.00	35.00	3.3700	Red_Deer_5yr_Chicago_2h J120
S2405	0.03	8.00	35.00	3.7200	Red_Deer_5yr_Chicago_2h J120
S2406	0.03	8.00	35.00	4.6100	Red_Deer_5yr_Chicago_2h J119
S2407	0.03	8.00	35.00	6.6000	Red_Deer_5yr_Chicago_2h J119
S2408	0.03	8.00	35.00	4.4300	Red_Deer_5yr_Chicago_2h J441
S2409	0.03	8.00	35.00	4.7000	Red_Deer_5yr_Chicago_2h J441
S2410	0.03	8.00	40.00	4.5800	Red_Deer_5yr_Chicago_2h J440
S2412	0.03	8.00	65.00	3.9100	Red_Deer_5yr_Chicago_2h J114
S2420	0.05	15.00	40.00	3.3400	Red_Deer_5yr_Chicago_2h J26
S2421	0.05	15.00	40.00	3.8900	Red_Deer_5yr_Chicago_2h J26
S2423	0.05	15.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h J101
S2424	0.06	15.00	50.00	8.0600	Red_Deer_5yr_Chicago_2h J123
S2425	0.03	8.00	35.00	4.1800	Red_Deer_5yr_Chicago_2h J510
S2426	0.03	8.00	35.00	4.3200	Red_Deer_5yr_Chicago_2h J510
S2427	0.03	8.00	35.00	4.4400	Red_Deer_5yr_Chicago_2h J120
S2428	0.03	8.00	35.00	3.9800	Red_Deer_5yr_Chicago_2h J120
S2429	0.03	8.00	35.00	3.7500	Red_Deer_5yr_Chicago_2h J119
S2430	0.03	8.00	35.00	3.6900	Red_Deer_5yr_Chicago_2h J119
S2431	0.03	8.00	35.00	5.1500	Red_Deer_5yr_Chicago_2h J441
S2432	0.03	8.00	35.00	4.3200	Red_Deer_5yr_Chicago_2h J441
S2433	0.03	8.00	40.00	5.4900	Red_Deer_5yr_Chicago_2h J440
S2435	0.03	8.00	65.00	4.7000	Red_Deer_5yr_Chicago_2h J114
S2438	0.03	8.00	50.00	3.4100	Red_Deer_5yr_Chicago_2h J101
S2439	0.03	8.00	50.00	3.0600	Red_Deer_5yr_Chicago_2h J123

S2441	0.03	8.00	35.00	3.2800	Red_Deer_5yr_Chicago_2h J510
S2442	0.03	8.00	35.00	3.6100	Red_Deer_5yr_Chicago_2h J510
S2443	0.03	8.00	35.00	3.4900	Red_Deer_5yr_Chicago_2h J120
S2444	0.03	8.00	35.00	3.1300	Red_Deer_5yr_Chicago_2h J120
S2445	0.03	8.00	35.00	3.3900	Red_Deer_5yr_Chicago_2h J119
S2446	0.03	8.00	35.00	4.1700	Red_Deer_5yr_Chicago_2h J119
S2447	0.03	8.00	35.00	4.3800	Red_Deer_5yr_Chicago_2h J441
S2448	0.03	8.00	35.00	2.4600	Red_Deer_5yr_Chicago_2h J441
S2450	0.03	8.00	35.00	5.0600	Red_Deer_5yr_Chicago_2h J440
S2452	0.03	8.00	65.00	3.9100	Red_Deer_5yr_Chicago_2h J114
S2463	0.05	15.00	40.00	3.4700	Red_Deer_5yr_Chicago_2h H12STM1498
S2466	0.05	15.00	40.00	3.7200	Red_Deer_5yr_Chicago_2h H12STM1505
S2468	12.82	10.00	40.00	5.3300	Red_Deer_5yr_Chicago_2h J423
S2469	0.03	8.00	50.00	2.9300	Red_Deer_5yr_Chicago_2h J101
S2470	0.03	8.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J123
S2471	0.10	15.00	50.00	3.5000	Red_Deer_5yr_Chicago_2h J123
S2472	0.03	8.00	35.00	5.1700	Red_Deer_5yr_Chicago_2h J510
S2473	0.03	8.00	35.00	3.6500	Red_Deer_5yr_Chicago_2h J510
S2474	0.03	8.00	35.00	3.7400	Red_Deer_5yr_Chicago_2h J120
S2475	0.03	8.00	35.00	4.3800	Red_Deer_5yr_Chicago_2h J120
S2476	0.03	8.00	35.00	3.5700	Red_Deer_5yr_Chicago_2h J119
S2477	0.03	8.00	35.00	3.8500	Red_Deer_5yr_Chicago_2h J119
S2478	0.03	8.00	35.00	5.0000	Red_Deer_5yr_Chicago_2h J441
S2479	0.03	8.00	35.00	3.5600	Red_Deer_5yr_Chicago_2h J441
S2480	0.03	8.00	35.00	6.7300	Red_Deer_5yr_Chicago_2h J440
S2482	0.03	8.00	65.00	3.8100	Red_Deer_5yr_Chicago_2h J114
S2483	0.08	15.00	40.00	2.9400	Red_Deer_5yr_Chicago_2h H12STM1505
S2486	0.06	15.00	40.00	3.2200	Red_Deer_5yr_Chicago_2h I12STM1507
S2490	0.05	15.00	40.00	3.7500	Red_Deer_5yr_Chicago_2h I12STM1507
S2492	0.05	15.00	40.00	3.4400	Red_Deer_5yr_Chicago_2h I12STM1507
S2494	0.05	15.00	40.00	3.2700	Red_Deer_5yr_Chicago_2h H12STM1498
S2497_1	0.72	55.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h I14STM1530
S2497_10	0.26	55.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h I12STM1485
S2497_11	0.80	55.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J282
S2497_12	0.35	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J127
S2497_13	0.74	75.00	5.00	3.2900	Red_Deer_5yr_Chicago_2h HPMH16
S2497_14	1.38	105.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J138
S2497_15	0.59	55.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h I13STM1479
S2497_16	0.48	55.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J129
S2497_17	0.52	55.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J130
S2497_18	0.36	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J125
S2497_19	0.19	75.00	5.00	3.2900	Red_Deer_5yr_Chicago_2h J130
S2497_2	0.25	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J132
S2497_20	2.18	110.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J125
S2497_21	0.33	55.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J287
S2497_22	0.33	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J282
S2497_23	0.56	75.00	5.00	3.2900	Red_Deer_5yr_Chicago_2h J283
S2497_24	0.44	55.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J282
S2497_25	0.15	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J288
S2497_26	0.38	55.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J289
S2497_27	0.30	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J291
S2497_28	0.10	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J281
S2497_29	0.28	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J285
S2497_3	0.31	75.00	5.00	3.2900	Red_Deer_5yr_Chicago_2h J131
S2497_30	0.41	55.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J279
S2497_31	0.42	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J280
S2497_32	1.68	85.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J279
S2497_33	0.43	55.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J471
S2497_34	0.31	10.00	5.00	3.2900	Red_Deer_5yr_Chicago_2h J286
S2497_35	0.09	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J293
S2497_36	0.16	55.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J284
S2497_37	0.45	55.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J292
S2497_38	0.28	55.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h I12STM1485
S2497_39	0.31	55.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J293
S2497_4	0.18	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J131
S2497_40	0.49	55.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J288
S2497_42	0.66	55.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J291
S2497_5	0.35	55.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J275
S2497_6	1.12	105.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J133
S2497_7	0.38	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J275
S2497_8	1.98	75.00	5.00	3.2900	Red_Deer_5yr_Chicago_2h J275
S2497_9	0.28	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J128
S2499	0.05	15.00	40.00	3.4900	Red_Deer_5yr_Chicago_2h I12STM1507
S25	0.46	40.57	70.00	5.7800	Red_Deer_5yr_Chicago_2h CULV5314
S2500	0.05	15.00	40.00	3.2200	Red_Deer_5yr_Chicago_2h I12STM1507

S2502	0.05	15.00	40.00	3.9700	Red_Deer_5yr_Chicago_2h I12STM1507
S2505	0.06	15.00	40.00	3.0300	Red_Deer_5yr_Chicago_2h I12STM1507
S2512	0.10	15.00	40.00	2.8700	Red_Deer_5yr_Chicago_2h Ryders_Ridge
S2514	0.05	15.00	40.00	3.2800	Red_Deer_5yr_Chicago_2h H12STM1498
S2520	0.03	8.00	70.00	4.1100	Red_Deer_5yr_Chicago_2h J493
S2521	0.03	8.00	50.00	3.8300	Red_Deer_5yr_Chicago_2h J510
S2522	0.03	8.00	50.00	3.5200	Red_Deer_5yr_Chicago_2h J510
S2523	0.03	8.00	40.00	4.8200	Red_Deer_5yr_Chicago_2h J120
S2524	0.03	8.00	50.00	2.5100	Red_Deer_5yr_Chicago_2h J119
S2525	0.03	8.00	50.00	3.6500	Red_Deer_5yr_Chicago_2h J119
S2526	0.03	8.00	50.00	4.1600	Red_Deer_5yr_Chicago_2h J441
S2527	0.03	8.00	50.00	4.3100	Red_Deer_5yr_Chicago_2h J441
S2528	0.03	8.00	50.00	4.3500	Red_Deer_5yr_Chicago_2h J440
S2532	0.06	15.00	40.00	3.0200	Red_Deer_5yr_Chicago_2h H12STM1505
S2533	1.82	94.90	30.00	2.6100	Red_Deer_5yr_Chicago_2h Ryders_Ridge
S2536	0.04	8.00	50.00	3.3900	Red_Deer_5yr_Chicago_2h J121
S2537	0.06	15.00	40.00	4.7300	Red_Deer_5yr_Chicago_2h Ryders_Ridge
S2540	0.05	8.00	40.00	4.3500	Red_Deer_5yr_Chicago_2h J499
S2546	0.05	8.00	50.00	3.6000	Red_Deer_5yr_Chicago_2h J101
S2547	0.03	8.00	70.00	1.9100	Red_Deer_5yr_Chicago_2h J493
S2548	0.03	8.00	50.00	4.0800	Red_Deer_5yr_Chicago_2h J510
S2549	0.03	8.00	50.00	3.7000	Red_Deer_5yr_Chicago_2h J510
S2550	0.03	8.00	40.00	4.9300	Red_Deer_5yr_Chicago_2h J120
S2551	0.03	8.00	50.00	2.8500	Red_Deer_5yr_Chicago_2h J119
S2552	0.03	8.00	50.00	3.7100	Red_Deer_5yr_Chicago_2h J119
S2553	0.03	8.00	50.00	6.1300	Red_Deer_5yr_Chicago_2h J441
S2555	0.03	8.00	50.00	6.2300	Red_Deer_5yr_Chicago_2h J441
S2556	0.03	8.00	50.00	4.2900	Red_Deer_5yr_Chicago_2h J440
S2557	0.03	8.00	65.00	5.5000	Red_Deer_5yr_Chicago_2h J442
S2562	0.05	15.00	40.00	3.3900	Red_Deer_5yr_Chicago_2h H11STM1499
S2565	0.04	8.00	50.00	3.3500	Red_Deer_5yr_Chicago_2h J121
S2568	0.06	15.00	40.00	2.7400	Red_Deer_5yr_Chicago_2h H11STM1499
S2571	0.03	8.00	70.00	2.4100	Red_Deer_5yr_Chicago_2h J493
S2572	0.03	8.00	50.00	4.4700	Red_Deer_5yr_Chicago_2h J510
S2573	0.03	8.00	50.00	4.5100	Red_Deer_5yr_Chicago_2h J510
S2574	0.05	8.00	40.00	4.3900	Red_Deer_5yr_Chicago_2h J499
S2575	0.03	8.00	40.00	3.0000	Red_Deer_5yr_Chicago_2h J120
S2577	0.03	8.00	50.00	3.6300	Red_Deer_5yr_Chicago_2h J119
S2578	0.03	8.00	50.00	4.0000	Red_Deer_5yr_Chicago_2h J119
S2579	0.03	8.00	50.00	4.7000	Red_Deer_5yr_Chicago_2h J441
S2580	0.03	8.00	50.00	5.2400	Red_Deer_5yr_Chicago_2h J441
S2582	0.03	8.00	50.00	4.3500	Red_Deer_5yr_Chicago_2h J440
S2583	0.03	8.00	65.00	4.8900	Red_Deer_5yr_Chicago_2h J442
S2591	0.04	8.00	50.00	2.5800	Red_Deer_5yr_Chicago_2h J121
S2593	2.20	90.00	65.00	6.3600	Red_Deer_5yr_Chicago_2h J423
S2596	0.05	8.00	50.00	4.2700	Red_Deer_5yr_Chicago_2h J101
S2597	0.05	15.00	40.00	3.4900	Red_Deer_5yr_Chicago_2h H11STM1499
S2598	0.07	15.00	40.00	3.1900	Red_Deer_5yr_Chicago_2h Ryders_Ridge
S26	1.82	77.41	80.00	2.7500	Red_Deer_5yr_Chicago_2h J6
S2600	0.03	8.00	70.00	5.6200	Red_Deer_5yr_Chicago_2h J493
S2601	0.03	8.00	50.00	4.8400	Red_Deer_5yr_Chicago_2h J510
S2602	0.03	8.00	50.00	2.6500	Red_Deer_5yr_Chicago_2h J510
S2603	0.03	8.00	40.00	3.1000	Red_Deer_5yr_Chicago_2h J499
S2604	0.03	8.00	40.00	3.5100	Red_Deer_5yr_Chicago_2h J120
S2605	0.03	8.00	50.00	3.0100	Red_Deer_5yr_Chicago_2h J119
S2606	0.03	8.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h J119
S2607	0.03	8.00	50.00	4.7100	Red_Deer_5yr_Chicago_2h J441
S2608	0.03	8.00	50.00	4.7800	Red_Deer_5yr_Chicago_2h J441
S2609	0.03	8.00	50.00	6.2200	Red_Deer_5yr_Chicago_2h J440
S2610	0.03	8.00	65.00	4.5100	Red_Deer_5yr_Chicago_2h J442
S2611	0.03	8.00	65.00	3.4100	Red_Deer_5yr_Chicago_2h J115
S2616	0.06	15.00	40.00	2.7800	Red_Deer_5yr_Chicago_2h H11STM1499
S2618	0.04	8.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h J121
S2620	0.03	8.00	70.00	4.6600	Red_Deer_5yr_Chicago_2h J493
S2621	0.03	8.00	50.00	3.6000	Red_Deer_5yr_Chicago_2h J510
S2622	0.03	8.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h J510
S2623	0.03	8.00	40.00	2.7400	Red_Deer_5yr_Chicago_2h J499
S2624	0.03	8.00	40.00	3.9500	Red_Deer_5yr_Chicago_2h J120
S2625	0.03	8.00	50.00	3.7000	Red_Deer_5yr_Chicago_2h J119
S2626	0.03	8.00	50.00	3.8800	Red_Deer_5yr_Chicago_2h J119
S2627	0.03	8.00	50.00	4.5300	Red_Deer_5yr_Chicago_2h J441
S2628	0.03	8.00	50.00	7.1100	Red_Deer_5yr_Chicago_2h J441
S2629	0.03	8.00	50.00	6.0100	Red_Deer_5yr_Chicago_2h J440
S2631	0.03	8.00	65.00	4.3600	Red_Deer_5yr_Chicago_2h J442
S2632	0.03	8.00	65.00	4.8200	Red_Deer_5yr_Chicago_2h J115

S2639	0.05	8.00	50.00	3.6800	Red_Deer_5yr_Chicago_2h J101
S2641	0.06	15.00	40.00	3.3600	Red_Deer_5yr_Chicago_2h H12STM1505
S2644	0.05	15.00	40.00	3.6800	Red_Deer_5yr_Chicago_2h H11STM1499
S2645	0.06	15.00	40.00	2.8500	Red_Deer_5yr_Chicago_2h H12STM1506
S2647	0.05	15.00	40.00	3.2300	Red_Deer_5yr_Chicago_2h Ryders_Ridge
S2649	0.04	8.00	50.00	2.7000	Red_Deer_5yr_Chicago_2h J121
S2650	0.06	15.00	40.00	3.2000	Red_Deer_5yr_Chicago_2h H12STM1506
S2652	0.03	8.00	70.00	2.7900	Red_Deer_5yr_Chicago_2h J493
S2653	0.03	8.00	50.00	3.0600	Red_Deer_5yr_Chicago_2h J510
S2654	0.03	8.00	50.00	3.1100	Red_Deer_5yr_Chicago_2h J510
S2655	0.03	8.00	40.00	4.0200	Red_Deer_5yr_Chicago_2h J499
S2656	0.03	8.00	40.00	3.6200	Red_Deer_5yr_Chicago_2h J120
S2657	0.03	8.00	50.00	4.1400	Red_Deer_5yr_Chicago_2h J119
S2658	0.06	15.00	40.00	2.8600	Red_Deer_5yr_Chicago_2h H12STM1506
S2659	0.03	8.00	50.00	4.4100	Red_Deer_5yr_Chicago_2h J119
S2660	0.03	8.00	50.00	3.4300	Red_Deer_5yr_Chicago_2h J441
S2661	0.03	8.00	50.00	5.3200	Red_Deer_5yr_Chicago_2h J441
S2662	0.03	8.00	50.00	4.2000	Red_Deer_5yr_Chicago_2h J440
S2663	0.03	8.00	65.00	6.3200	Red_Deer_5yr_Chicago_2h J442
S2664	0.03	8.00	65.00	3.7800	Red_Deer_5yr_Chicago_2h J115
S2665	0.06	15.00	40.00	2.6700	Red_Deer_5yr_Chicago_2h I12STM1503
S2667	0.06	15.00	40.00	3.0000	Red_Deer_5yr_Chicago_2h I12STM1503
S2668	0.06	15.00	40.00	3.4400	Red_Deer_5yr_Chicago_2h H11STM1499
S2674	0.04	8.00	50.00	2.8000	Red_Deer_5yr_Chicago_2h J121
S2676	0.03	8.00	70.00	2.3400	Red_Deer_5yr_Chicago_2h J493
S2677	0.03	8.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h J510
S2678	0.03	8.00	50.00	2.6100	Red_Deer_5yr_Chicago_2h J510
S2679	0.03	8.00	40.00	3.8300	Red_Deer_5yr_Chicago_2h J499
S2680	0.03	8.00	40.00	3.1300	Red_Deer_5yr_Chicago_2h J120
S2681	0.03	8.00	50.00	3.7200	Red_Deer_5yr_Chicago_2h J119
S2682	0.03	8.00	50.00	3.2400	Red_Deer_5yr_Chicago_2h J119
S2683	0.03	8.00	50.00	4.6600	Red_Deer_5yr_Chicago_2h J441
S2684	0.03	8.00	50.00	6.8300	Red_Deer_5yr_Chicago_2h J441
S2685	0.03	8.00	50.00	7.7800	Red_Deer_5yr_Chicago_2h J440
S2686	0.03	8.00	65.00	5.2500	Red_Deer_5yr_Chicago_2h J442
S2687	0.03	8.00	65.00	4.1800	Red_Deer_5yr_Chicago_2h J115
S2689	0.05	8.00	50.00	3.7900	Red_Deer_5yr_Chicago_2h J101
S2691	0.05	15.00	40.00	3.0300	Red_Deer_5yr_Chicago_2h H11STM1499
S2695	0.05	15.00	40.00	2.8300	Red_Deer_5yr_Chicago_2h Ryders_Ridge
S2698	0.03	8.00	70.00	2.5300	Red_Deer_5yr_Chicago_2h J493
S2699	0.03	8.00	50.00	2.7000	Red_Deer_5yr_Chicago_2h J510
S27	0.17	15.00	50.00	3.4900	Red_Deer_5yr_Chicago_2h J499
S2700	0.03	8.00	50.00	3.4500	Red_Deer_5yr_Chicago_2h J510
S2701	0.03	8.00	40.00	4.3200	Red_Deer_5yr_Chicago_2h J499
S2702	0.03	8.00	40.00	3.2800	Red_Deer_5yr_Chicago_2h J120
S2703	0.03	8.00	50.00	3.6600	Red_Deer_5yr_Chicago_2h J119
S2704	0.03	8.00	50.00	3.7400	Red_Deer_5yr_Chicago_2h J119
S2705	0.03	8.00	50.00	4.1500	Red_Deer_5yr_Chicago_2h J441
S2708	0.03	8.00	50.00	4.0300	Red_Deer_5yr_Chicago_2h J441
S2709	0.03	8.00	50.00	6.9800	Red_Deer_5yr_Chicago_2h J440
S2710	0.03	8.00	65.00	4.6600	Red_Deer_5yr_Chicago_2h J442
S2711	0.03	8.00	65.00	4.6800	Red_Deer_5yr_Chicago_2h J115
S2712	0.04	8.00	50.00	3.4200	Red_Deer_5yr_Chicago_2h J121
S2714	0.05	15.00	40.00	3.6200	Red_Deer_5yr_Chicago_2h H11STM1499
S2717	0.05	8.00	50.00	3.3900	Red_Deer_5yr_Chicago_2h J101
S2718	0.03	8.00	50.00	3.5200	Red_Deer_5yr_Chicago_2h J510
S2719	0.03	8.00	50.00	3.1000	Red_Deer_5yr_Chicago_2h J510
S2720	0.03	8.00	40.00	4.5500	Red_Deer_5yr_Chicago_2h J499
S2721	0.03	8.00	40.00	3.0300	Red_Deer_5yr_Chicago_2h J120
S2722	0.03	8.00	50.00	5.7400	Red_Deer_5yr_Chicago_2h J119
S2723	0.03	8.00	50.00	4.5900	Red_Deer_5yr_Chicago_2h J119
S2724	0.03	8.00	50.00	3.6000	Red_Deer_5yr_Chicago_2h J441
S2725	0.03	8.00	50.00	3.6800	Red_Deer_5yr_Chicago_2h J441
S2726	0.03	8.00	50.00	5.2500	Red_Deer_5yr_Chicago_2h J440
S2727	0.03	8.00	65.00	3.9600	Red_Deer_5yr_Chicago_2h J442
S2728	0.03	8.00	65.00	8.6300	Red_Deer_5yr_Chicago_2h J115
S2730	0.04	8.00	50.00	4.0600	Red_Deer_5yr_Chicago_2h J121
S2732	0.05	15.00	40.00	3.3300	Red_Deer_5yr_Chicago_2h H11STM1499
S2733	0.05	15.00	40.00	3.0100	Red_Deer_5yr_Chicago_2h Ryders_Ridge
S2739	0.03	8.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h J510
S2740	0.03	8.00	50.00	3.1700	Red_Deer_5yr_Chicago_2h J510
S2741	0.03	8.00	40.00	3.8000	Red_Deer_5yr_Chicago_2h J499
S2742	0.03	8.00	40.00	2.9600	Red_Deer_5yr_Chicago_2h J120
S2743	0.03	8.00	50.00	4.4300	Red_Deer_5yr_Chicago_2h J119
S2744	0.03	8.00	50.00	4.0500	Red_Deer_5yr_Chicago_2h J119

S2745	0.03	8.00	50.00	4.7500	Red_Deer_5yr_Chicago_2h	J441
S2746	0.03	8.00	50.00	6.0100	Red_Deer_5yr_Chicago_2h	J441
S2747	0.03	8.00	50.00	6.3300	Red_Deer_5yr_Chicago_2h	J440
S2748	0.03	8.00	65.00	3.4300	Red_Deer_5yr_Chicago_2h	J442
S2749	0.03	8.00	65.00	5.8100	Red_Deer_5yr_Chicago_2h	J115
S2750	0.03	8.00	50.00	4.0200	Red_Deer_5yr_Chicago_2h	J101
S2755	0.04	8.00	50.00	3.3000	Red_Deer_5yr_Chicago_2h	J121
S2760	0.10	15.00	70.00	2.5800	Red_Deer_5yr_Chicago_2h	J493
S2761	0.03	8.00	50.00	3.0700	Red_Deer_5yr_Chicago_2h	J510
S2762	0.03	8.00	50.00	3.3700	Red_Deer_5yr_Chicago_2h	J510
S2763	0.03	8.00	40.00	4.4100	Red_Deer_5yr_Chicago_2h	J499
S2764	0.03	8.00	40.00	2.5800	Red_Deer_5yr_Chicago_2h	J120
S2765	0.03	8.00	50.00	3.2700	Red_Deer_5yr_Chicago_2h	J119
S2766	0.03	8.00	50.00	3.9500	Red_Deer_5yr_Chicago_2h	J119
S2767	0.03	8.00	50.00	4.3600	Red_Deer_5yr_Chicago_2h	J441
S2768	0.03	8.00	50.00	4.2100	Red_Deer_5yr_Chicago_2h	J441
S2769	0.03	8.00	50.00	7.3900	Red_Deer_5yr_Chicago_2h	J440
S2770	0.03	8.00	65.00	3.8800	Red_Deer_5yr_Chicago_2h	J442
S2771	0.03	8.00	65.00	4.1400	Red_Deer_5yr_Chicago_2h	J115
S2772	0.05	15.00	40.00	3.6900	Red_Deer_5yr_Chicago_2h	H11STM1499
S2773	0.03	15.00	50.00	3.7500	Red_Deer_5yr_Chicago_2h	J101
S2774	0.05	15.00	40.00	3.6000	Red_Deer_5yr_Chicago_2h	Ryders_Ridge
S2776	0.04	8.00	50.00	3.2100	Red_Deer_5yr_Chicago_2h	J121
S2780	0.05	15.00	40.00	2.7400	Red_Deer_5yr_Chicago_2h	H11STM1499
S2781	0.06	15.00	40.00	2.7800	Red_Deer_5yr_Chicago_2h	H11STM1499
S2782	0.06	15.00	40.00	3.0000	Red_Deer_5yr_Chicago_2h	H11STM1500
S2783	0.05	15.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h	H11STM1500
S2784	0.05	15.00	40.00	3.1100	Red_Deer_5yr_Chicago_2h	H11STM1500
S2785	0.05	15.00	40.00	2.5100	Red_Deer_5yr_Chicago_2h	H11STM1500
S2786	0.05	15.00	40.00	2.8600	Red_Deer_5yr_Chicago_2h	H11STM1500
S2787	0.03	8.00	50.00	3.6500	Red_Deer_5yr_Chicago_2h	J510
S2788	0.03	8.00	50.00	4.0300	Red_Deer_5yr_Chicago_2h	J510
S2789	0.03	8.00	40.00	3.3100	Red_Deer_5yr_Chicago_2h	J499
S2790	0.03	8.00	40.00	2.3500	Red_Deer_5yr_Chicago_2h	J120
S2791	0.03	8.00	50.00	4.7600	Red_Deer_5yr_Chicago_2h	J119
S2792	0.03	8.00	50.00	4.9900	Red_Deer_5yr_Chicago_2h	J119
S2793	0.03	8.00	50.00	3.4700	Red_Deer_5yr_Chicago_2h	J441
S2794	0.03	8.00	50.00	3.3600	Red_Deer_5yr_Chicago_2h	J441
S2795	0.03	8.00	50.00	4.2700	Red_Deer_5yr_Chicago_2h	J440
S2797	0.03	8.00	65.00	2.8100	Red_Deer_5yr_Chicago_2h	J442
S2798	0.03	8.00	65.00	4.4100	Red_Deer_5yr_Chicago_2h	J115
S28	0.68	29.79	65.00	4.9400	Red_Deer_5yr_Chicago_2h	J431
S2803	0.03	8.00	50.00	3.2400	Red_Deer_5yr_Chicago_2h	J101
S2804	0.04	8.00	50.00	3.1800	Red_Deer_5yr_Chicago_2h	J121
S2809	0.03	8.00	50.00	4.1400	Red_Deer_5yr_Chicago_2h	J510
S2810	0.03	8.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h	J510
S2811	0.03	8.00	40.00	3.2100	Red_Deer_5yr_Chicago_2h	J499
S2812	0.03	8.00	40.00	2.3700	Red_Deer_5yr_Chicago_2h	J120
S2813	0.03	8.00	50.00	3.9300	Red_Deer_5yr_Chicago_2h	J119
S2814	0.03	8.00	50.00	3.7700	Red_Deer_5yr_Chicago_2h	J119
S2815	0.03	8.00	50.00	3.3900	Red_Deer_5yr_Chicago_2h	J441
S2816	0.03	8.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h	J441
S2817	0.03	8.00	50.00	5.8900	Red_Deer_5yr_Chicago_2h	J440
S2819	0.03	8.00	65.00	5.8700	Red_Deer_5yr_Chicago_2h	J442
S2820	0.03	8.00	65.00	6.2900	Red_Deer_5yr_Chicago_2h	J115
S2821	0.05	15.00	40.00	3.8200	Red_Deer_5yr_Chicago_2h	H11STM1499
S2823	0.03	8.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h	J101
S2825	0.04	8.00	50.00	3.3500	Red_Deer_5yr_Chicago_2h	J121
S2826	0.05	15.00	40.00	3.8000	Red_Deer_5yr_Chicago_2h	Ryders_Ridge
S2828	0.03	8.00	50.00	3.6900	Red_Deer_5yr_Chicago_2h	J510
S2829	0.03	8.00	50.00	4.5000	Red_Deer_5yr_Chicago_2h	J510
S2830	0.03	8.00	40.00	3.5700	Red_Deer_5yr_Chicago_2h	J499
S2831	0.03	8.00	40.00	2.3900	Red_Deer_5yr_Chicago_2h	J120
S2832	0.03	8.00	50.00	4.4400	Red_Deer_5yr_Chicago_2h	J119
S2833	0.03	8.00	50.00	3.9100	Red_Deer_5yr_Chicago_2h	J119
S2834	0.03	8.00	50.00	3.5200	Red_Deer_5yr_Chicago_2h	J441
S2835	0.03	8.00	50.00	4.1500	Red_Deer_5yr_Chicago_2h	J441
S2836	0.03	8.00	50.00	8.1100	Red_Deer_5yr_Chicago_2h	J440
S2837	0.03	8.00	65.00	7.3200	Red_Deer_5yr_Chicago_2h	J442
S2838	0.03	8.00	65.00	4.6300	Red_Deer_5yr_Chicago_2h	J115
S2849	0.03	8.00	50.00	2.7700	Red_Deer_5yr_Chicago_2h	J101
S2850	0.04	8.00	50.00	4.3900	Red_Deer_5yr_Chicago_2h	J121
S2853	0.03	8.00	50.00	4.0100	Red_Deer_5yr_Chicago_2h	J510
S2854	0.03	8.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h	J510
S2855	0.03	8.00	40.00	4.1700	Red_Deer_5yr_Chicago_2h	J499

S2856	0.03	8.00	40.00	2.7600	Red_Deer_5yr_Chicago_2h	J120
S2858	0.03	8.00	50.00	3.1700	Red_Deer_5yr_Chicago_2h	J119
S2859	0.03	8.00	50.00	3.5800	Red_Deer_5yr_Chicago_2h	J119
S2860	0.03	8.00	50.00	3.8400	Red_Deer_5yr_Chicago_2h	J441
S2861	0.03	8.00	50.00	4.7700	Red_Deer_5yr_Chicago_2h	J441
S2862	0.03	8.00	50.00	4.4100	Red_Deer_5yr_Chicago_2h	J440
S2863	0.03	8.00	65.00	4.4500	Red_Deer_5yr_Chicago_2h	J442
S2864	0.03	8.00	65.00	3.6300	Red_Deer_5yr_Chicago_2h	J115
S2880	0.03	8.00	50.00	2.6700	Red_Deer_5yr_Chicago_2h	J101
S2881	0.04	8.00	50.00	4.5300	Red_Deer_5yr_Chicago_2h	J121
S2882	0.17	15.00	70.00	2.7300	Red_Deer_5yr_Chicago_2h	J493
S2883	0.03	8.00	50.00	3.8800	Red_Deer_5yr_Chicago_2h	J510
S2884	0.03	8.00	50.00	2.8600	Red_Deer_5yr_Chicago_2h	J510
S2885	0.03	8.00	50.00	1.6800	Red_Deer_5yr_Chicago_2h	J120
S2886	0.03	8.00	50.00	4.7800	Red_Deer_5yr_Chicago_2h	J119
S2887	0.03	8.00	50.00	4.2300	Red_Deer_5yr_Chicago_2h	J119
S2888	0.03	8.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h	J441
S2889	0.03	8.00	50.00	5.7400	Red_Deer_5yr_Chicago_2h	J441
S2890	0.03	8.00	50.00	5.7100	Red_Deer_5yr_Chicago_2h	J440
S2891	0.03	8.00	65.00	5.6900	Red_Deer_5yr_Chicago_2h	J442
S2892	0.03	8.00	65.00	4.0300	Red_Deer_5yr_Chicago_2h	J115
S2898	0.03	8.00	65.00	5.6500	Red_Deer_5yr_Chicago_2h	J121
S2899	0.03	8.00	70.00	2.7000	Red_Deer_5yr_Chicago_2h	J493
S29	0.79	59.02	30.00	3.4900	Red_Deer_5yr_Chicago_2h	J427
S2900	0.03	8.00	50.00	4.4000	Red_Deer_5yr_Chicago_2h	J510
S2901	0.03	8.00	50.00	3.7300	Red_Deer_5yr_Chicago_2h	J510
S2903	0.03	8.00	50.00	1.4100	Red_Deer_5yr_Chicago_2h	J120
S2904	0.03	8.00	50.00	3.9100	Red_Deer_5yr_Chicago_2h	J119
S2905	0.03	8.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h	J119
S2906	0.03	8.00	50.00	4.9100	Red_Deer_5yr_Chicago_2h	J441
S2907	0.03	8.00	50.00	3.9400	Red_Deer_5yr_Chicago_2h	J441
S2908	0.03	8.00	50.00	4.0500	Red_Deer_5yr_Chicago_2h	J440
S2909	0.03	8.00	65.00	6.6400	Red_Deer_5yr_Chicago_2h	J442
S2910	0.03	8.00	65.00	4.6200	Red_Deer_5yr_Chicago_2h	J115
S2915	0.03	8.00	65.00	2.3400	Red_Deer_5yr_Chicago_2h	J121
S2916	0.03	8.00	70.00	2.5200	Red_Deer_5yr_Chicago_2h	J493
S2917	0.03	8.00	50.00	3.0200	Red_Deer_5yr_Chicago_2h	J510
S2918	0.03	8.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h	J510
S2919	0.03	8.00	50.00	1.1600	Red_Deer_5yr_Chicago_2h	J120
S2920	0.03	8.00	50.00	2.5900	Red_Deer_5yr_Chicago_2h	J119
S2921	0.03	8.00	50.00	3.1000	Red_Deer_5yr_Chicago_2h	J119
S2922	0.03	8.00	50.00	3.1500	Red_Deer_5yr_Chicago_2h	J441
S2923	0.03	8.00	50.00	4.0000	Red_Deer_5yr_Chicago_2h	J441
S2924	0.03	8.00	50.00	4.2100	Red_Deer_5yr_Chicago_2h	J440
S2925	0.03	8.00	65.00	6.6500	Red_Deer_5yr_Chicago_2h	J442
S2926	0.03	8.00	65.00	4.4300	Red_Deer_5yr_Chicago_2h	J115
S2928	0.08	15.00	40.00	2.7400	Red_Deer_5yr_Chicago_2h	H11STM1499
S2929	0.08	15.00	40.00	2.9900	Red_Deer_5yr_Chicago_2h	Ryders_Ridge
S2939	0.03	8.00	65.00	2.2600	Red_Deer_5yr_Chicago_2h	J121
S2940	0.03	8.00	65.00	1.7500	Red_Deer_5yr_Chicago_2h	J493
S2941	0.03	8.00	50.00	2.5400	Red_Deer_5yr_Chicago_2h	J510
S2942	62.85	755.00	65.00	3.1400	Red_Deer_5yr_Chicago_2h	J423
S2943	0.03	8.00	50.00	3.6500	Red_Deer_5yr_Chicago_2h	J510
S2944	0.03	8.00	50.00	2.0100	Red_Deer_5yr_Chicago_2h	J120
S2945	0.03	8.00	50.00	2.4600	Red_Deer_5yr_Chicago_2h	J119
S2946	0.03	8.00	50.00	3.4600	Red_Deer_5yr_Chicago_2h	J119
S2947	0.03	8.00	50.00	3.3800	Red_Deer_5yr_Chicago_2h	J441
S2949	0.03	8.00	50.00	3.4300	Red_Deer_5yr_Chicago_2h	J441
S2950	0.03	8.00	50.00	3.9400	Red_Deer_5yr_Chicago_2h	J440
S2951	0.03	8.00	65.00	5.3500	Red_Deer_5yr_Chicago_2h	J442
S2952	0.03	8.00	65.00	4.4200	Red_Deer_5yr_Chicago_2h	J115
S2953	2.56	129.97	20.00	5.3300	Red_Deer_5yr_Chicago_2h	J423
S2955	1.49	122.22	20.00	7.2300	Red_Deer_5yr_Chicago_2h	J423
S2961	0.09	15.00	40.00	3.4700	Red_Deer_5yr_Chicago_2h	Ryders_Ridge
S2962	0.06	15.00	40.00	3.3200	Red_Deer_5yr_Chicago_2h	I11STM1501
S2963	0.05	15.00	40.00	3.1300	Red_Deer_5yr_Chicago_2h	I11STM1501
S2964	0.05	15.00	40.00	2.7500	Red_Deer_5yr_Chicago_2h	H11STM1500
S2965	0.05	15.00	40.00	3.4500	Red_Deer_5yr_Chicago_2h	H11STM1500
S2966	0.05	15.00	40.00	3.1300	Red_Deer_5yr_Chicago_2h	H11STM1500
S2967	0.05	15.00	40.00	2.8600	Red_Deer_5yr_Chicago_2h	H11STM1500
S2968	0.05	15.00	40.00	3.5400	Red_Deer_5yr_Chicago_2h	H11STM1500
S2969	0.05	15.00	40.00	3.0500	Red_Deer_5yr_Chicago_2h	H11STM1499
S2970	0.05	15.00	40.00	2.6600	Red_Deer_5yr_Chicago_2h	H11STM1499
S2971	0.05	15.00	40.00	2.9700	Red_Deer_5yr_Chicago_2h	H11STM1499
S2972	0.06	15.00	40.00	2.6800	Red_Deer_5yr_Chicago_2h	H11STM1499

S2973	0.09	15.00	40.00	2.5400	Red_Deer_5yr_Chicago_2h	H11STM1499
S2974	0.22	23.54	5.00	3.7700	Red_Deer_5yr_Chicago_2h	J101
S2975	4.28	76.16	80.00	3.1400	Red_Deer_5yr_Chicago_2h	J11
S2977	21.24	306.93	65.00	5.4900	Red_Deer_5yr_Chicago_2h	J423
S2980	0.07	15.00	35.00	6.5100	Red_Deer_5yr_Chicago_2h	J116
S2981	0.09	15.00	35.00	4.2800	Red_Deer_5yr_Chicago_2h	J116
S2982	2.38	114.31	30.00	4.0200	Red_Deer_5yr_Chicago_2h	Ryders_Ridge
S2983	0.06	15.00	35.00	4.7100	Red_Deer_5yr_Chicago_2h	J116
S2984	0.06	15.00	35.00	5.6700	Red_Deer_5yr_Chicago_2h	J116
S2985	0.06	15.00	35.00	5.2500	Red_Deer_5yr_Chicago_2h	J116
S2986	0.11	11.84	65.00	2.4800	Red_Deer_5yr_Chicago_2h	J101
S2987	0.03	8.00	65.00	3.6100	Red_Deer_5yr_Chicago_2h	J121
S2988	0.07	15.00	35.00	5.1100	Red_Deer_5yr_Chicago_2h	J116
S2989	0.03	8.00	65.00	1.7500	Red_Deer_5yr_Chicago_2h	J493
S2991	0.03	8.00	50.00	2.2200	Red_Deer_5yr_Chicago_2h	J510
S2992	0.03	8.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h	J510
S2993	0.08	15.00	35.00	6.3700	Red_Deer_5yr_Chicago_2h	J116
S2997	0.03	8.00	50.00	4.2800	Red_Deer_5yr_Chicago_2h	J120
S2998	0.09	15.00	35.00	6.3700	Red_Deer_5yr_Chicago_2h	J116
S2999	0.03	8.00	50.00	2.9600	Red_Deer_5yr_Chicago_2h	J119
S3	0.37	15.00	70.00	3.8200	Red_Deer_5yr_Chicago_2h	D14STM244
S30	1.28	95.00	35.00	4.0700	Red_Deer_5yr_Chicago_2h	J99
S3000	0.03	8.00	50.00	4.7600	Red_Deer_5yr_Chicago_2h	J119
S3001	0.03	8.00	50.00	4.9300	Red_Deer_5yr_Chicago_2h	J441
S3002	0.03	8.00	50.00	3.7800	Red_Deer_5yr_Chicago_2h	J441
S3003	0.03	8.00	50.00	6.1200	Red_Deer_5yr_Chicago_2h	J440
S3004	0.03	8.00	65.00	6.1600	Red_Deer_5yr_Chicago_2h	J442
S3005	0.03	8.00	65.00	4.5900	Red_Deer_5yr_Chicago_2h	J115
S3006	0.32	20.29	65.00	6.2700	Red_Deer_5yr_Chicago_2h	J116
S3026	0.21	15.00	50.00	4.0800	Red_Deer_5yr_Chicago_2h	J441
S3027	0.03	8.00	50.00	3.5100	Red_Deer_5yr_Chicago_2h	J358
S3029	0.04	8.00	50.00	4.0000	Red_Deer_5yr_Chicago_2h	J358
S3033	0.11	12.18	65.00	3.3900	Red_Deer_5yr_Chicago_2h	J428
S3035	0.03	8.00	50.00	2.5300	Red_Deer_5yr_Chicago_2h	J358
S3036	0.07	15.00	50.00	4.1700	Red_Deer_5yr_Chicago_2h	J358
S3037	0.03	8.00	50.00	2.9500	Red_Deer_5yr_Chicago_2h	J358
S3038	0.08	15.00	35.00	3.7200	Red_Deer_5yr_Chicago_2h	752
S3041	0.12	12.27	65.00	3.2700	Red_Deer_5yr_Chicago_2h	748
S3045	0.03	8.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h	J358
S3048	0.03	8.00	50.00	3.1700	Red_Deer_5yr_Chicago_2h	J358
S3049	0.09	10.83	65.00	4.5500	Red_Deer_5yr_Chicago_2h	J428
S3053	0.08	15.00	35.00	3.7400	Red_Deer_5yr_Chicago_2h	J76
S3054	0.08	15.00	35.00	3.4900	Red_Deer_5yr_Chicago_2h	J76
S3055	0.06	15.00	50.00	3.9800	Red_Deer_5yr_Chicago_2h	J358
S3056	0.07	15.00	35.00	3.2300	Red_Deer_5yr_Chicago_2h	752
S3057	0.03	8.00	50.00	4.4700	Red_Deer_5yr_Chicago_2h	J358
S3059	0.08	15.00	50.00	2.9800	Red_Deer_5yr_Chicago_2h	J358
S3060	0.10	15.00	35.00	4.2800	Red_Deer_5yr_Chicago_2h	J428
S3061	0.06	15.00	35.00	5.3000	Red_Deer_5yr_Chicago_2h	J428
S3062	0.06	15.00	35.00	5.9300	Red_Deer_5yr_Chicago_2h	J428
S3064	0.22	17.66	65.00	2.7800	Red_Deer_5yr_Chicago_2h	J42
S3065	0.03	8.00	50.00	2.7600	Red_Deer_5yr_Chicago_2h	J358
S3066	0.06	15.00	35.00	7.1300	Red_Deer_5yr_Chicago_2h	J428
S3067	0.06	15.00	35.00	5.2700	Red_Deer_5yr_Chicago_2h	J428
S3068	0.06	15.00	35.00	6.8500	Red_Deer_5yr_Chicago_2h	J428
S3069	0.22	17.00	65.00	4.5000	Red_Deer_5yr_Chicago_2h	J428
S3071	0.06	15.00	35.00	6.7900	Red_Deer_5yr_Chicago_2h	J428
S3072	0.06	15.00	35.00	6.0700	Red_Deer_5yr_Chicago_2h	J428
S3073	0.06	15.00	35.00	4.9900	Red_Deer_5yr_Chicago_2h	J428
S3074	0.07	15.00	35.00	4.7400	Red_Deer_5yr_Chicago_2h	J428
S3075	0.06	15.00	35.00	5.1500	Red_Deer_5yr_Chicago_2h	J428
S3076	0.06	15.00	35.00	5.6400	Red_Deer_5yr_Chicago_2h	J428
S3077	0.06	15.00	35.00	6.2100	Red_Deer_5yr_Chicago_2h	J428
S3078	0.06	15.00	35.00	4.5700	Red_Deer_5yr_Chicago_2h	J428
S3079	0.06	15.00	35.00	4.5200	Red_Deer_5yr_Chicago_2h	J428
S3080	0.08	15.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h	J358
S3081	0.16	15.15	65.00	2.2800	Red_Deer_5yr_Chicago_2h	J42
S3082	0.78	15.00	70.00	2.8100	Red_Deer_5yr_Chicago_2h	J358
S3083	0.31	10.00	50.00	3.7800	Red_Deer_5yr_Chicago_2h	J358
S3084	1.73	78.95	70.00	3.0200	Red_Deer_5yr_Chicago_2h	HPMH34
S3086	0.19	15.00	50.00	2.7600	Red_Deer_5yr_Chicago_2h	J358
S3090	0.11	15.00	50.00	4.3500	Red_Deer_5yr_Chicago_2h	J358
S3096	0.03	8.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h	J358
S31	0.38	22.17	65.00	5.0800	Red_Deer_5yr_Chicago_2h	J109
S3100	0.56	26.89	65.00	3.5000	Red_Deer_5yr_Chicago_2h	745

S3103	0.03	8.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h J358
S3104	0.33	21.43	65.00	3.3100	Red_Deer_5yr_Chicago_2h J374
S3105	0.35	15.00	70.00	2.2600	Red_Deer_5yr_Chicago_2h I11STM153
S3106	0.07	15.00	35.00	3.4800	Red_Deer_5yr_Chicago_2h 752
S3107	0.06	15.00	50.00	4.0000	Red_Deer_5yr_Chicago_2h J358
S3108	0.26	19.24	65.00	2.6000	Red_Deer_5yr_Chicago_2h J377
S3109	0.10	15.00	35.00	2.3700	Red_Deer_5yr_Chicago_2h J76
S3110	0.03	8.00	50.00	4.1200	Red_Deer_5yr_Chicago_2h J358
S3113	0.09	10.83	65.00	4.4100	Red_Deer_5yr_Chicago_2h J428
S3114	0.11	15.00	35.00	4.6300	Red_Deer_5yr_Chicago_2h J16
S3116	0.03	8.00	50.00	4.1400	Red_Deer_5yr_Chicago_2h J358
S3117	0.91	35.69	65.00	4.6600	Red_Deer_5yr_Chicago_2h J427
S3118	0.18	15.00	50.00	3.1400	Red_Deer_5yr_Chicago_2h J358
S3119	0.10	15.00	50.00	4.1300	Red_Deer_5yr_Chicago_2h J441
S3120	0.10	15.00	50.00	4.9400	Red_Deer_5yr_Chicago_2h J441
S3121	0.10	15.00	50.00	5.2000	Red_Deer_5yr_Chicago_2h J441
S3122	0.17	15.00	50.00	4.8000	Red_Deer_5yr_Chicago_2h J441
S3125	0.03	8.00	50.00	4.8000	Red_Deer_5yr_Chicago_2h J358
S3130	0.07	15.00	35.00	3.0400	Red_Deer_5yr_Chicago_2h 752
S3133	0.05	15.00	35.00	3.6000	Red_Deer_5yr_Chicago_2h I11STM92
S3134	0.06	15.00	50.00	3.8400	Red_Deer_5yr_Chicago_2h J358
S3135	0.03	8.00	50.00	3.1900	Red_Deer_5yr_Chicago_2h J358
S3137	0.03	8.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h J358
S3138	0.10	15.00	35.00	3.0300	Red_Deer_5yr_Chicago_2h J76
S3142	0.40	22.63	65.00	4.9500	Red_Deer_5yr_Chicago_2h 751
S3143	0.58	33.81	80.00	3.1200	Red_Deer_5yr_Chicago_2h CULV5415
S3144	0.03	8.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h J358
S3145	0.03	8.00	50.00	2.8400	Red_Deer_5yr_Chicago_2h J358
S3146	0.07	15.00	35.00	3.3800	Red_Deer_5yr_Chicago_2h 752
S3151	0.08	15.00	35.00	5.9400	Red_Deer_5yr_Chicago_2h J16
S3152	0.11	15.00	35.00	7.1200	Red_Deer_5yr_Chicago_2h J428
S3153	0.05	15.00	35.00	3.3400	Red_Deer_5yr_Chicago_2h I11STM92
S3154	0.15	15.00	35.00	6.0000	Red_Deer_5yr_Chicago_2h J428
S3155	0.14	15.00	35.00	5.7300	Red_Deer_5yr_Chicago_2h J428
S3156	0.10	15.00	35.00	5.5800	Red_Deer_5yr_Chicago_2h J428
S3157	0.06	15.00	35.00	4.8300	Red_Deer_5yr_Chicago_2h J428
S3158	0.06	15.00	35.00	5.0100	Red_Deer_5yr_Chicago_2h J428
S3159	0.06	15.00	35.00	5.1800	Red_Deer_5yr_Chicago_2h J428
S3160	0.06	15.00	35.00	5.1300	Red_Deer_5yr_Chicago_2h J428
S3161	0.06	15.00	35.00	5.5400	Red_Deer_5yr_Chicago_2h J428
S3162	0.06	15.00	35.00	5.3400	Red_Deer_5yr_Chicago_2h J428
S3163	0.06	15.00	35.00	5.4600	Red_Deer_5yr_Chicago_2h J428
S3164	0.06	15.00	35.00	5.1300	Red_Deer_5yr_Chicago_2h J428
S3165	0.07	15.00	35.00	4.6400	Red_Deer_5yr_Chicago_2h J428
S3166	0.06	15.00	35.00	4.0400	Red_Deer_5yr_Chicago_2h J428
S3167	0.06	15.00	35.00	4.7500	Red_Deer_5yr_Chicago_2h J428
S3168	0.06	15.00	35.00	4.9100	Red_Deer_5yr_Chicago_2h J428
S3169	0.06	15.00	35.00	5.1800	Red_Deer_5yr_Chicago_2h J428
S3170	0.06	15.00	35.00	4.1700	Red_Deer_5yr_Chicago_2h J428
S3171	0.03	8.00	50.00	3.1700	Red_Deer_5yr_Chicago_2h J358
S3172	0.10	11.18	65.00	4.8700	Red_Deer_5yr_Chicago_2h J428
S3173	0.03	8.00	50.00	2.4500	Red_Deer_5yr_Chicago_2h J358
S3174	0.28	8.74	65.00	4.1300	Red_Deer_5yr_Chicago_2h J535
S3176	0.36	22.42	65.00	2.2400	Red_Deer_5yr_Chicago_2h F9STM259
S3177	0.41	24.05	65.00	2.9900	Red_Deer_5yr_Chicago_2h J42
S3178	0.47	45.00	50.00	2.2700	Red_Deer_5yr_Chicago_2h J358
S3179	0.08	15.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h J358
S3184	0.08	15.00	50.00	2.1000	Red_Deer_5yr_Chicago_2h J358
S3185	0.08	15.00	50.00	2.0900	Red_Deer_5yr_Chicago_2h J358
S3186	0.08	15.00	50.00	2.9200	Red_Deer_5yr_Chicago_2h J358
S3187	0.08	15.00	50.00	3.2300	Red_Deer_5yr_Chicago_2h J358
S3188	0.03	8.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h J358
S3189	0.04	8.00	50.00	3.2700	Red_Deer_5yr_Chicago_2h J358
S3190	0.07	15.00	35.00	3.4300	Red_Deer_5yr_Chicago_2h 752
S3191	0.12	15.00	35.00	2.9200	Red_Deer_5yr_Chicago_2h J76
S3192	0.34	15.00	50.00	3.6000	Red_Deer_5yr_Chicago_2h 752
S3193	0.34	21.06	65.00	4.5000	Red_Deer_5yr_Chicago_2h J431
S3195	0.05	15.00	35.00	2.4300	Red_Deer_5yr_Chicago_2h I11STM92
S3197	0.43	24.67	65.00	2.3600	Red_Deer_5yr_Chicago_2h J42
S32	37.64	550.00	40.00	5.0800	Red_Deer_5yr_Chicago_2h OF2
S3200	0.07	15.00	35.00	2.9900	Red_Deer_5yr_Chicago_2h 752
S3201	0.08	15.00	35.00	3.3700	Red_Deer_5yr_Chicago_2h J76
S3202	0.04	8.00	50.00	4.6900	Red_Deer_5yr_Chicago_2h J358
S3203	0.18	15.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h 752
S3205	0.05	15.00	35.00	2.7100	Red_Deer_5yr_Chicago_2h I11STM92

S3208	0.06	15.00	35.00	5.2700	Red_Deer_5yr_Chicago_2h J428
S3209	0.05	15.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h J358
S3210	0.04	8.00	50.00	3.3900	Red_Deer_5yr_Chicago_2h J358
S3213	0.49	29.81	80.00	2.5200	Red_Deer_5yr_Chicago_2h CULV5415
S3216	0.08	15.00	35.00	3.4300	Red_Deer_5yr_Chicago_2h J76
S3217	0.67	29.49	65.00	3.8600	Red_Deer_5yr_Chicago_2h 755
S3218	0.27	15.00	35.00	3.2400	Red_Deer_5yr_Chicago_2h 751
S3219	0.07	15.00	35.00	4.8800	Red_Deer_5yr_Chicago_2h 752
S3220	0.16	15.00	50.00	3.9300	Red_Deer_5yr_Chicago_2h 752
S3221	0.34	21.05	65.00	4.1700	Red_Deer_5yr_Chicago_2h J431
S3223	0.08	15.00	35.00	5.9100	Red_Deer_5yr_Chicago_2h J428
S3224	0.04	8.00	50.00	5.2700	Red_Deer_5yr_Chicago_2h J358
S3226	0.07	15.00	35.00	6.9900	Red_Deer_5yr_Chicago_2h J428
S3227	0.05	15.00	35.00	3.4200	Red_Deer_5yr_Chicago_2h I11STM92
S3229	0.07	15.00	35.00	5.9100	Red_Deer_5yr_Chicago_2h J428
S3230	0.06	15.00	35.00	6.5900	Red_Deer_5yr_Chicago_2h J428
S3231	0.07	15.00	35.00	6.6200	Red_Deer_5yr_Chicago_2h J428
S3232	0.30	20.52	65.00	2.8500	Red_Deer_5yr_Chicago_2h F9STM259
S3233	0.07	15.00	35.00	6.9500	Red_Deer_5yr_Chicago_2h J428
S3234	0.04	15.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h J358
S3236	0.24	18.45	65.00	2.9800	Red_Deer_5yr_Chicago_2h J46
S3237	0.08	15.00	35.00	6.0400	Red_Deer_5yr_Chicago_2h J428
S3239	0.07	15.00	35.00	8.3100	Red_Deer_5yr_Chicago_2h J428
S3240	0.08	15.00	35.00	2.9400	Red_Deer_5yr_Chicago_2h J76
S3242	0.06	15.00	35.00	3.1200	Red_Deer_5yr_Chicago_2h 755
S3243	0.07	15.00	35.00	3.7400	Red_Deer_5yr_Chicago_2h 751
S3244	0.10	15.00	35.00	5.9800	Red_Deer_5yr_Chicago_2h J428
S3245	0.06	15.00	35.00	5.6200	Red_Deer_5yr_Chicago_2h J428
S3246	0.18	23.89	65.00	3.2200	Red_Deer_5yr_Chicago_2h F9STM259
S3247	0.06	15.00	35.00	4.5900	Red_Deer_5yr_Chicago_2h J428
S3248	0.06	15.00	35.00	4.6800	Red_Deer_5yr_Chicago_2h J428
S3249	0.06	15.00	35.00	6.1300	Red_Deer_5yr_Chicago_2h J428
S3250	0.06	15.00	35.00	4.3000	Red_Deer_5yr_Chicago_2h J428
S3252	0.06	15.00	35.00	3.9400	Red_Deer_5yr_Chicago_2h J428
S3253	0.06	15.00	35.00	4.6400	Red_Deer_5yr_Chicago_2h J428
S3254	0.06	15.00	35.00	4.5700	Red_Deer_5yr_Chicago_2h J428
S3255	0.07	15.00	35.00	4.1100	Red_Deer_5yr_Chicago_2h J428
S3256	0.06	15.00	35.00	5.5700	Red_Deer_5yr_Chicago_2h J428
S3257	0.06	15.00	35.00	6.1200	Red_Deer_5yr_Chicago_2h J428
S3258	0.06	15.00	35.00	5.3400	Red_Deer_5yr_Chicago_2h J428
S3259	0.06	15.00	35.00	5.3300	Red_Deer_5yr_Chicago_2h J428
S3260	0.06	15.00	35.00	6.7800	Red_Deer_5yr_Chicago_2h J428
S3262	0.16	15.00	50.00	2.7400	Red_Deer_5yr_Chicago_2h J358
S3263	0.08	15.00	50.00	2.4300	Red_Deer_5yr_Chicago_2h J358
S3264	0.08	15.00	50.00	2.4800	Red_Deer_5yr_Chicago_2h J358
S3265	0.08	15.00	50.00	2.3900	Red_Deer_5yr_Chicago_2h J358
S3266	0.08	15.00	50.00	2.1500	Red_Deer_5yr_Chicago_2h J358
S3267	0.12	15.00	50.00	2.5500	Red_Deer_5yr_Chicago_2h J358
S3268	0.12	15.00	50.00	2.8700	Red_Deer_5yr_Chicago_2h J358
S3269	0.05	15.00	35.00	4.4400	Red_Deer_5yr_Chicago_2h I11STM92
S3270	0.06	15.00	35.00	4.5300	Red_Deer_5yr_Chicago_2h J428
S3272	0.04	15.00	50.00	2.9500	Red_Deer_5yr_Chicago_2h J358
S3275	0.08	15.00	35.00	2.9300	Red_Deer_5yr_Chicago_2h J76
S3276	0.06	15.00	35.00	4.0100	Red_Deer_5yr_Chicago_2h 755
S3277	0.07	15.00	35.00	3.6500	Red_Deer_5yr_Chicago_2h 751
S3280	0.34	15.00	50.00	4.2200	Red_Deer_5yr_Chicago_2h 752
S3281	0.34	35.08	70.00	3.6200	Red_Deer_5yr_Chicago_2h J431
S3283	0.13	10.00	50.00	2.7400	Red_Deer_5yr_Chicago_2h J358
S3285	0.05	15.00	35.00	3.8600	Red_Deer_5yr_Chicago_2h I11STM92
S3286	0.06	15.00	35.00	4.4000	Red_Deer_5yr_Chicago_2h J428
S3289	0.08	15.00	35.00	5.1500	Red_Deer_5yr_Chicago_2h J428
S3291	0.08	15.00	35.00	3.6900	Red_Deer_5yr_Chicago_2h J76
S3292	0.06	15.00	35.00	3.6800	Red_Deer_5yr_Chicago_2h 755
S3293	0.07	15.00	35.00	2.9500	Red_Deer_5yr_Chicago_2h 751
S3294	0.08	15.00	35.00	4.7700	Red_Deer_5yr_Chicago_2h J428
S3298	0.07	15.00	35.00	4.7100	Red_Deer_5yr_Chicago_2h J428
S33	0.58	16.99	65.00	2.2300	Red_Deer_5yr_Chicago_2h 736
S33_1	0.14	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J262
S33_10	0.31	40.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J259
S33_11	1.09	50.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J229
S33_12	0.09	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J235
S33_13	1.20	70.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J238
S33_14	0.53	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J228
S33_15	1.24	50.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J229
S33_16	0.10	15.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J153

S33_17	0.73	50.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J226
S33_18	1.07	70.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J233
S33_19	0.83	70.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J225
S33_2	2.46	65.00	65.00	5.4700	Red_Deer_5yr_Chicago_2h CULV5538
S33_20	1.80	70.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J224
S33_21	0.22	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J269
S33_22	0.22	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J259
S33_23	1.22	70.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J226
S33_24	0.66	50.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J153
S33_25	0.31	60.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J262
S33_26	0.17	30.00	50.00	5.3630	Red_Deer_5yr_Chicago_2h GCMH48
S33_27	0.17	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J262
S33_28	0.24	50.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J154
S33_29	0.17	50.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J154
S33_3	0.18	50.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J237
S33_30	0.08	15.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J154
S33_31	0.22	50.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J235
S33_32	0.61	60.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J264
S33_33	0.88	60.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J261
S33_34	0.33	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J264
S33_35	0.24	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J261
S33_36	0.40	60.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h G14STM76
S33_37	0.51	60.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h G14STM73
S33_38	0.65	60.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J260
S33_39	0.19	30.00	50.00	5.3630	Red_Deer_5yr_Chicago_2h GCMH151
S33_4	9.71	399.33	5.00	5.4700	Red_Deer_5yr_Chicago_2h Crestview
S33_5	0.28	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J226
S33_6	32.37	399.33	5.00	5.4700	Red_Deer_5yr_Chicago_2h Crestview
S33_7	0.69	15.00	70.00	1.4100	Red_Deer_5yr_Chicago_2h J154
S33_8	1.39	70.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J232
S33_9	0.44	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J236
S3300	0.06	15.00	35.00	3.1100	Red_Deer_5yr_Chicago_2h I11STM92
S3301	0.05	15.00	35.00	2.9600	Red_Deer_5yr_Chicago_2h I11STM92
S3306	0.08	15.00	35.00	4.7000	Red_Deer_5yr_Chicago_2h J428
S3308	0.09	15.00	35.00	4.5400	Red_Deer_5yr_Chicago_2h J428
S3309	0.09	15.00	35.00	4.2600	Red_Deer_5yr_Chicago_2h J428
S3310	0.10	15.00	50.00	4.7200	Red_Deer_5yr_Chicago_2h J428
S3311	0.06	15.00	50.00	5.0500	Red_Deer_5yr_Chicago_2h J428
S3313	0.06	15.00	50.00	3.8500	Red_Deer_5yr_Chicago_2h J428
S3314	0.06	15.00	50.00	4.7400	Red_Deer_5yr_Chicago_2h J428
S3315	0.06	15.00	50.00	4.5300	Red_Deer_5yr_Chicago_2h J428
S3316	0.06	15.00	50.00	4.6300	Red_Deer_5yr_Chicago_2h J428
S3317	0.06	15.00	50.00	4.0900	Red_Deer_5yr_Chicago_2h J428
S3318	0.06	15.00	50.00	4.1500	Red_Deer_5yr_Chicago_2h J428
S3319	0.06	15.00	50.00	6.3600	Red_Deer_5yr_Chicago_2h J428
S3320	0.07	15.00	50.00	3.2800	Red_Deer_5yr_Chicago_2h J428
S3321	0.06	15.00	50.00	3.7700	Red_Deer_5yr_Chicago_2h J428
S3322	0.03	8.00	50.00	4.4600	Red_Deer_5yr_Chicago_2h J428
S3323	0.02	8.00	50.00	4.6700	Red_Deer_5yr_Chicago_2h J428
S3324	0.02	8.00	50.00	4.2000	Red_Deer_5yr_Chicago_2h J428
S3325	0.02	8.00	50.00	5.0100	Red_Deer_5yr_Chicago_2h J428
S3326	0.03	8.00	50.00	4.6300	Red_Deer_5yr_Chicago_2h J428
S3327	0.03	8.00	50.00	4.1100	Red_Deer_5yr_Chicago_2h J428
S3329	0.09	15.00	35.00	4.7600	Red_Deer_5yr_Chicago_2h J428
S3330	0.02	8.00	50.00	4.5300	Red_Deer_5yr_Chicago_2h J428
S3331	0.13	15.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h J358
S3332	0.12	15.00	50.00	4.8100	Red_Deer_5yr_Chicago_2h J358
S3333	0.02	8.00	50.00	4.5700	Red_Deer_5yr_Chicago_2h J428
S3334	0.12	15.00	50.00	3.2700	Red_Deer_5yr_Chicago_2h J358
S3335	0.08	15.00	50.00	2.9800	Red_Deer_5yr_Chicago_2h J358
S3336	0.08	15.00	50.00	2.2700	Red_Deer_5yr_Chicago_2h J358
S3337	0.03	8.00	50.00	4.6400	Red_Deer_5yr_Chicago_2h J428
S3338	0.08	15.00	50.00	2.9900	Red_Deer_5yr_Chicago_2h J358
S3339	0.12	15.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h J358
S3340	0.12	15.00	50.00	4.5300	Red_Deer_5yr_Chicago_2h J358
S3341	0.24	15.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h J358
S3342	0.11	15.00	50.00	3.5100	Red_Deer_5yr_Chicago_2h J358
S3344	0.09	15.00	35.00	3.1800	Red_Deer_5yr_Chicago_2h J76
S3346	0.07	15.00	35.00	3.7000	Red_Deer_5yr_Chicago_2h 755
S3348	0.08	15.00	35.00	3.5900	Red_Deer_5yr_Chicago_2h 751
S3350	0.29	15.00	35.00	3.2900	Red_Deer_5yr_Chicago_2h 752
S3352	0.34	15.00	50.00	3.2100	Red_Deer_5yr_Chicago_2h 752
S3353	0.34	35.08	65.00	3.8500	Red_Deer_5yr_Chicago_2h J431
S3355	0.05	15.00	35.00	3.0600	Red_Deer_5yr_Chicago_2h I10STM93
S3356	0.08	15.00	35.00	3.4100	Red_Deer_5yr_Chicago_2h J428

S3357	0.05	15.00	35.00	3.6000	Red_Deer_5yr_Chicago_2h I10STM93
S3364	0.05	15.00	35.00	3.0200	Red_Deer_5yr_Chicago_2h I10STM93
S3366	0.05	15.00	35.00	3.0200	Red_Deer_5yr_Chicago_2h I10STM93
S3370	0.05	15.00	35.00	2.8300	Red_Deer_5yr_Chicago_2h I10STM93
S3374	0.05	15.00	35.00	2.7800	Red_Deer_5yr_Chicago_2h I10STM93
S3380	0.10	15.00	35.00	3.2400	Red_Deer_5yr_Chicago_2h J10STM1875
S3381	0.10	10.00	40.00	2.6300	Red_Deer_5yr_Chicago_2h J358
S3383	0.05	15.00	35.00	2.7900	Red_Deer_5yr_Chicago_2h I10STM94
S3384	0.08	15.00	35.00	3.5800	Red_Deer_5yr_Chicago_2h J10STM1875
S3389	0.08	15.00	35.00	2.4600	Red_Deer_5yr_Chicago_2h J10STM1875
S3390	0.05	15.00	35.00	2.8400	Red_Deer_5yr_Chicago_2h I10STM93
S3395	0.19	15.82	65.00	3.5400	Red_Deer_5yr_Chicago_2h 750
S3396	0.11	11.90	65.00	5.1400	Red_Deer_5yr_Chicago_2h 753
S3397	0.05	10.00	50.00	4.9500	Red_Deer_5yr_Chicago_2h J358
S3398	0.04	10.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h J358
S3399	0.04	10.00	50.00	2.9500	Red_Deer_5yr_Chicago_2h J358
S34	35.88	299.49	5.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S3401	0.07	15.00	35.00	2.9400	Red_Deer_5yr_Chicago_2h J10STM1875
S3403	0.07	15.00	35.00	2.5000	Red_Deer_5yr_Chicago_2h J10STM1875
S3405	0.05	15.00	35.00	2.7700	Red_Deer_5yr_Chicago_2h I10STM94
S3408	0.05	15.00	35.00	3.0400	Red_Deer_5yr_Chicago_2h I10STM144
S3410	0.05	8.00	70.00	4.4100	Red_Deer_5yr_Chicago_2h 741
S3411	0.05	8.00	70.00	3.3900	Red_Deer_5yr_Chicago_2h 741
S3412	0.05	15.00	70.00	3.6300	Red_Deer_5yr_Chicago_2h 741
S3413	0.05	8.00	70.00	5.1100	Red_Deer_5yr_Chicago_2h 741
S3414	0.09	15.00	70.00	4.0100	Red_Deer_5yr_Chicago_2h 741
S3415	0.09	11.08	65.00	2.9500	Red_Deer_5yr_Chicago_2h 750
S3416	0.08	10.50	65.00	3.5700	Red_Deer_5yr_Chicago_2h 750
S3418	6.96	98.28	80.00	2.7200	Red_Deer_5yr_Chicago_2h CULV5354
S3421	0.04	10.00	50.00	3.5800	Red_Deer_5yr_Chicago_2h J358
S3422	0.07	15.00	35.00	2.5900	Red_Deer_5yr_Chicago_2h HPMH10
S3423	0.06	15.00	35.00	2.6500	Red_Deer_5yr_Chicago_2h J10STM1875
S3424	1.36	57.94	80.00	2.0400	Red_Deer_5yr_Chicago_2h CULV5415
S3425	2.78	81.97	80.00	3.1200	Red_Deer_5yr_Chicago_2h J420
S3429	0.04	10.00	50.00	2.9200	Red_Deer_5yr_Chicago_2h J358
S3430	0.05	15.00	35.00	4.4200	Red_Deer_5yr_Chicago_2h I10STM144
S3431	0.07	15.00	35.00	2.7800	Red_Deer_5yr_Chicago_2h I10STM94
S3432	0.24	17.80	65.00	2.7500	Red_Deer_5yr_Chicago_2h 732
S3434	0.05	15.00	35.00	3.1400	Red_Deer_5yr_Chicago_2h I10STM144
S3435	0.81	32.39	65.00	1.7500	Red_Deer_5yr_Chicago_2h Tank1-S3435
S3436	0.06	15.00	35.00	3.6000	Red_Deer_5yr_Chicago_2h J10STM1874
S3439	1.05	51.18	5.00	12.7900	Red_Deer_5yr_Chicago_2h J420
S3440	0.08	10.31	65.00	2.5000	Red_Deer_5yr_Chicago_2h 732
S3442	0.05	15.00	35.00	2.4100	Red_Deer_5yr_Chicago_2h I10STM145
S3443	0.05	8.03	65.00	4.6500	Red_Deer_5yr_Chicago_2h J376
S3444	0.07	15.00	35.00	2.4100	Red_Deer_5yr_Chicago_2h HPMH10
S3445	0.05	15.00	35.00	2.8700	Red_Deer_5yr_Chicago_2h I10STM95
S3446	0.04	7.85	65.00	5.1500	Red_Deer_5yr_Chicago_2h J376
S3447	0.06	15.00	35.00	1.9100	Red_Deer_5yr_Chicago_2h I10STM145
S3448	0.11	11.68	65.00	4.1100	Red_Deer_5yr_Chicago_2h 732
S3449	0.03	6.52	65.00	4.1600	Red_Deer_5yr_Chicago_2h J376
S3450	0.06	9.22	65.00	4.8200	Red_Deer_5yr_Chicago_2h J376
S3451	0.07	15.00	35.00	2.4500	Red_Deer_5yr_Chicago_2h HPMH10
S3452	0.06	15.00	35.00	2.8800	Red_Deer_5yr_Chicago_2h J10STM1874
S3453	0.04	15.00	50.00	2.9000	Red_Deer_5yr_Chicago_2h 746
S3454	0.06	9.21	65.00	3.9600	Red_Deer_5yr_Chicago_2h J376
S3456	0.02	15.00	50.00	3.1800	Red_Deer_5yr_Chicago_2h 746
S3458	0.04	15.00	50.00	3.4000	Red_Deer_5yr_Chicago_2h 746
S3459	0.06	9.21	65.00	4.7400	Red_Deer_5yr_Chicago_2h J376
S3460	0.05	15.00	35.00	3.3000	Red_Deer_5yr_Chicago_2h I10STM144
S3462	0.03	15.00	50.00	2.7900	Red_Deer_5yr_Chicago_2h 746
S3463	0.03	15.00	50.00	2.4000	Red_Deer_5yr_Chicago_2h 746
S3464	0.03	15.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h 746
S3465	0.03	15.00	50.00	2.5900	Red_Deer_5yr_Chicago_2h 746
S3466	0.04	15.00	50.00	2.7500	Red_Deer_5yr_Chicago_2h 746
S3468	0.05	15.00	35.00	2.8900	Red_Deer_5yr_Chicago_2h I10STM95
S3469	0.06	15.00	50.00	2.7700	Red_Deer_5yr_Chicago_2h 746
S3470	0.06	9.22	65.00	3.6000	Red_Deer_5yr_Chicago_2h J376
S3471	0.06	15.00	35.00	3.0600	Red_Deer_5yr_Chicago_2h J10STM1875
S3472	0.05	15.00	50.00	2.7800	Red_Deer_5yr_Chicago_2h 746
S3473	0.07	10.10	65.00	5.4300	Red_Deer_5yr_Chicago_2h J376
S3474	0.43	27.39	80.00	2.7500	Red_Deer_5yr_Chicago_2h CULV5415
S3475	0.43	39.39	70.00	2.9000	Red_Deer_5yr_Chicago_2h J420
S3476	2.32	67.29	80.00	9.1400	Red_Deer_5yr_Chicago_2h CULV5354
S3477	0.05	8.24	65.00	5.7200	Red_Deer_5yr_Chicago_2h J376

S3478	0.04	15.00	50.00	2.6700	Red_Deer_5yr_Chicago_2h 746
S3479	0.05	15.00	35.00	2.7400	Red_Deer_5yr_Chicago_2h I10STM95
S3481	0.06	15.00	35.00	3.8700	Red_Deer_5yr_Chicago_2h J10STM1874
S3484	0.08	15.00	35.00	2.7500	Red_Deer_5yr_Chicago_2h I10STM145
S3485	0.05	15.00	35.00	3.0200	Red_Deer_5yr_Chicago_2h I10STM95
S3487	0.24	18.45	65.00	1.4700	Red_Deer_5yr_Chicago_2h J46
S3488	0.19	16.16	65.00	3.3800	Red_Deer_5yr_Chicago_2h J52
S3489	0.06	15.00	35.00	3.0100	Red_Deer_5yr_Chicago_2h J10STM1875
S3490	0.05	15.00	35.00	2.6300	Red_Deer_5yr_Chicago_2h I10STM95
S3491	0.19	16.27	65.00	2.1400	Red_Deer_5yr_Chicago_2h J52
S3492	0.04	15.00	50.00	2.6100	Red_Deer_5yr_Chicago_2h 746
S3493	0.07	15.00	35.00	3.2100	Red_Deer_5yr_Chicago_2h I10STM144
S3494	0.82	54.28	65.00	3.2900	Red_Deer_5yr_Chicago_2h OF1
S3495	0.05	15.00	35.00	2.9500	Red_Deer_5yr_Chicago_2h I10STM146
S3496	0.05	15.00	35.00	3.4100	Red_Deer_5yr_Chicago_2h I10STM95
S3498	0.08	15.00	35.00	2.8500	Red_Deer_5yr_Chicago_2h J61
S3499	0.06	15.00	35.00	2.7000	Red_Deer_5yr_Chicago_2h J10STM1874
S35	0.16	14.31	65.00	4.2800	Red_Deer_5yr_Chicago_2h J109
S3500	0.05	15.00	35.00	3.1900	Red_Deer_5yr_Chicago_2h I10STM95
S3501	0.19	16.20	65.00	3.0800	Red_Deer_5yr_Chicago_2h J52
S3502	0.04	15.00	50.00	2.5000	Red_Deer_5yr_Chicago_2h 746
S3503	0.06	9.40	65.00	3.9100	Red_Deer_5yr_Chicago_2h J376
S3504	0.05	7.97	65.00	3.2400	Red_Deer_5yr_Chicago_2h J376
S3505	0.05	8.43	65.00	3.2100	Red_Deer_5yr_Chicago_2h J376
S3506	0.06	8.86	65.00	2.8900	Red_Deer_5yr_Chicago_2h J376
S3507	0.06	9.27	65.00	2.9600	Red_Deer_5yr_Chicago_2h J376
S3508	0.07	9.66	65.00	3.3400	Red_Deer_5yr_Chicago_2h J376
S3509	0.05	8.58	65.00	4.2300	Red_Deer_5yr_Chicago_2h J376
S3510	0.10	11.64	65.00	3.8800	Red_Deer_5yr_Chicago_2h J376
S3511	0.08	10.75	65.00	4.4100	Red_Deer_5yr_Chicago_2h J376
S3513	0.05	15.00	35.00	3.6500	Red_Deer_5yr_Chicago_2h I10STM95
S3514	0.05	15.00	35.00	2.8300	Red_Deer_5yr_Chicago_2h I10STM146
S3515	0.04	15.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h 746
S3516	0.05	15.00	35.00	3.3200	Red_Deer_5yr_Chicago_2h I10STM95
S3517	0.43	27.39	80.00	2.7300	Red_Deer_5yr_Chicago_2h CULV5415
S3518	0.43	39.38	70.00	3.4800	Red_Deer_5yr_Chicago_2h CULV5385
S3519	0.06	15.00	35.00	2.7600	Red_Deer_5yr_Chicago_2h J10STM1874
S3520	0.03	15.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h 746
S3522	0.04	15.00	50.00	2.9600	Red_Deer_5yr_Chicago_2h 746
S3523	0.02	15.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h 746
S3524	0.03	15.00	50.00	3.8800	Red_Deer_5yr_Chicago_2h 746
S3525	0.03	15.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h 746
S3526	0.03	15.00	50.00	2.9300	Red_Deer_5yr_Chicago_2h 746
S3527	0.03	15.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h 746
S3528	0.04	15.00	50.00	3.2700	Red_Deer_5yr_Chicago_2h 746
S3529	0.05	15.00	35.00	3.8100	Red_Deer_5yr_Chicago_2h I9STM96
S3530	0.53	26.20	65.00	3.7500	Red_Deer_5yr_Chicago_2h 736
S3531	0.19	16.48	65.00	2.6600	Red_Deer_5yr_Chicago_2h J52
S3532	0.05	15.00	35.00	2.7900	Red_Deer_5yr_Chicago_2h I10STM146
S3533	0.22	17.62	65.00	4.0900	Red_Deer_5yr_Chicago_2h J42
S3534	0.17	15.36	65.00	2.3400	Red_Deer_5yr_Chicago_2h J354
S3535	0.05	15.00	35.00	2.9500	Red_Deer_5yr_Chicago_2h I10STM95
S3536	0.06	15.00	35.00	2.9900	Red_Deer_5yr_Chicago_2h J10STM1873
S3537	0.06	15.00	35.00	3.0100	Red_Deer_5yr_Chicago_2h J10STM1874
S3538	0.06	15.00	35.00	3.0000	Red_Deer_5yr_Chicago_2h J10STM1874
S3539	0.07	15.00	35.00	2.8400	Red_Deer_5yr_Chicago_2h J10STM1874
S3541	0.04	7.19	65.00	4.2800	Red_Deer_5yr_Chicago_2h J356
S3542	0.04	7.24	65.00	4.6000	Red_Deer_5yr_Chicago_2h J356
S3543	3.40	110.61	70.00	2.6500	Red_Deer_5yr_Chicago_2h CULV5354
S3544	0.05	15.00	35.00	3.2400	Red_Deer_5yr_Chicago_2h I9STM96
S3545	0.05	15.00	35.00	3.1700	Red_Deer_5yr_Chicago_2h I10STM147
S3546	0.09	11.42	65.00	3.1200	Red_Deer_5yr_Chicago_2h J376
S3547	0.82	32.64	65.00	1.8900	Red_Deer_5yr_Chicago_2h Tank2-S3547
S3548	0.05	15.00	35.00	3.3200	Red_Deer_5yr_Chicago_2h I9STM96
S3549	0.05	15.00	35.00	2.6100	Red_Deer_5yr_Chicago_2h I10STM147
S3550	0.04	7.34	65.00	3.2800	Red_Deer_5yr_Chicago_2h J356
S3551	0.09	15.00	35.00	2.7400	Red_Deer_5yr_Chicago_2h I10STM147
S3552	0.71	42.18	5.00	4.6500	Red_Deer_5yr_Chicago_2h CULV5354
S3553	0.09	15.00	35.00	2.9700	Red_Deer_5yr_Chicago_2h I10STM147
S3554	0.10	11.65	65.00	4.5600	Red_Deer_5yr_Chicago_2h J356
S3555	0.05	15.00	35.00	3.1600	Red_Deer_5yr_Chicago_2h I9STM96
S3556	0.10	11.80	65.00	3.9800	Red_Deer_5yr_Chicago_2h J8
S3557	0.06	9.21	65.00	3.5500	Red_Deer_5yr_Chicago_2h J8
S3558	0.06	9.21	65.00	3.9100	Red_Deer_5yr_Chicago_2h J8
S3559	0.06	9.21	65.00	3.3200	Red_Deer_5yr_Chicago_2h J8

S3560	0.06	9.21	65.00	2.7900	Red_Deer_5yr_Chicago_2h J8
S3561	0.06	9.21	65.00	2.9600	Red_Deer_5yr_Chicago_2h J8
S3562	0.06	9.21	65.00	2.9600	Red_Deer_5yr_Chicago_2h J8
S3563	0.06	9.21	65.00	3.4700	Red_Deer_5yr_Chicago_2h J8
S3564	0.06	9.21	65.00	3.1700	Red_Deer_5yr_Chicago_2h J8
S3566	0.57	28.43	65.00	3.7700	Red_Deer_5yr_Chicago_2h J373
S3567	0.10	11.74	65.00	2.8100	Red_Deer_5yr_Chicago_2h F9STM259
S3568	0.10	11.68	65.00	3.6200	Red_Deer_5yr_Chicago_2h J377
S3569	0.05	15.00	35.00	3.0400	Red_Deer_5yr_Chicago_2h I9STM96
S3571	0.05	15.00	35.00	3.3000	Red_Deer_5yr_Chicago_2h I10STM147
S3572	0.04	7.26	65.00	3.8900	Red_Deer_5yr_Chicago_2h F9STM259
S3573	0.04	7.20	65.00	4.4600	Red_Deer_5yr_Chicago_2h F9STM259
S3574	0.04	7.11	65.00	4.2900	Red_Deer_5yr_Chicago_2h F9STM259
S3575	0.10	11.58	65.00	4.1400	Red_Deer_5yr_Chicago_2h J377
S3576	0.43	27.39	80.00	4.0900	Red_Deer_5yr_Chicago_2h CULV5385
S3577	0.43	39.38	70.00	4.2100	Red_Deer_5yr_Chicago_2h CULV5385
S3578	0.06	15.00	35.00	3.3600	Red_Deer_5yr_Chicago_2h J9STM1872
S3579	0.10	11.64	65.00	3.3100	Red_Deer_5yr_Chicago_2h J377
S3580	0.24	18.34	65.00	3.3800	Red_Deer_5yr_Chicago_2h F9STM259
S3581	0.05	15.00	35.00	3.0100	Red_Deer_5yr_Chicago_2h J9STM1872
S3582	0.10	11.69	65.00	3.2700	Red_Deer_5yr_Chicago_2h J377
S3584	0.07	15.00	35.00	2.9800	Red_Deer_5yr_Chicago_2h I10STM147
S3585	0.05	15.00	35.00	2.8900	Red_Deer_5yr_Chicago_2h I9STM96
S3586	0.06	15.00	35.00	3.4300	Red_Deer_5yr_Chicago_2h J9STM1872
S3587	0.09	15.00	35.00	3.0900	Red_Deer_5yr_Chicago_2h J9STM1872
S3588	0.05	8.54	65.00	2.9500	Red_Deer_5yr_Chicago_2h J377
S3589	0.06	15.00	35.00	3.0200	Red_Deer_5yr_Chicago_2h I9STM96
S3591	0.05	15.00	35.00	3.1800	Red_Deer_5yr_Chicago_2h I10STM147
S3593	1.26	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J358
S3594	2.05	90.00	40.00	3.0000	Red_Deer_5yr_Chicago_2h J358
S3595	2.05	90.00	40.00	2.7300	Red_Deer_5yr_Chicago_2h J358
S3596	0.14	13.98	65.00	2.8500	Red_Deer_5yr_Chicago_2h J40
S3597	0.05	8.61	65.00	2.9900	Red_Deer_5yr_Chicago_2h J377
S3599	0.05	15.00	35.00	2.8000	Red_Deer_5yr_Chicago_2h I9STM96
S36	0.16	14.30	65.00	5.2700	Red_Deer_5yr_Chicago_2h J109
S3602	0.05	15.00	35.00	2.8000	Red_Deer_5yr_Chicago_2h I9STM148
S3604	0.05	8.66	65.00	3.4800	Red_Deer_5yr_Chicago_2h J374
S3605	0.05	8.66	65.00	3.6600	Red_Deer_5yr_Chicago_2h J352
S3608	0.04	7.61	65.00	2.6900	Red_Deer_5yr_Chicago_2h J373
S3610	0.09	11.21	65.00	2.5200	Red_Deer_5yr_Chicago_2h J374
S3611	0.77	52.81	70.00	2.1200	Red_Deer_5yr_Chicago_2h CULV5315
S3612	0.08	15.00	35.00	2.9600	Red_Deer_5yr_Chicago_2h J9STM1872
S3613	0.06	8.84	65.00	4.1500	Red_Deer_5yr_Chicago_2h J428
S3615	0.05	15.00	35.00	3.5300	Red_Deer_5yr_Chicago_2h I9STM96
S3618	0.05	15.00	35.00	2.9400	Red_Deer_5yr_Chicago_2h I9STM148
S3620	0.06	15.00	35.00	3.2900	Red_Deer_5yr_Chicago_2h I10STM147
S3621	0.07	15.00	35.00	3.4700	Red_Deer_5yr_Chicago_2h I10STM147
S3622	0.11	15.00	35.00	3.1100	Red_Deer_5yr_Chicago_2h I10STM147
S3623	0.43	27.40	80.00	2.8400	Red_Deer_5yr_Chicago_2h CULV5385
S3624	0.43	39.38	70.00	3.3400	Red_Deer_5yr_Chicago_2h CULV5385
S3625	0.05	8.67	65.00	4.0500	Red_Deer_5yr_Chicago_2h J374
S3627	0.05	8.67	65.00	3.2800	Red_Deer_5yr_Chicago_2h J352
S3629	0.04	10.00	50.00	3.3700	Red_Deer_5yr_Chicago_2h I9STM143
S3632	0.05	15.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h J358
S3633	0.05	15.00	50.00	3.1500	Red_Deer_5yr_Chicago_2h J358
S3637	2.94	102.82	65.00	3.5400	Red_Deer_5yr_Chicago_2h OF1
S3638	0.05	15.00	35.00	3.6200	Red_Deer_5yr_Chicago_2h I9STM96
S3643	0.21	17.11	65.00	2.1800	Red_Deer_5yr_Chicago_2h J42
S3644	0.20	16.74	65.00	2.3800	Red_Deer_5yr_Chicago_2h J42
S3648	0.05	15.00	35.00	2.9400	Red_Deer_5yr_Chicago_2h I9STM96
S3649	0.62	29.56	65.00	3.0500	Red_Deer_5yr_Chicago_2h J80
S3650	0.04	7.61	65.00	2.8800	Red_Deer_5yr_Chicago_2h J373
S3651	0.06	9.23	65.00	3.2300	Red_Deer_5yr_Chicago_2h J373
S3652	0.06	9.23	65.00	3.5200	Red_Deer_5yr_Chicago_2h J373
S3653_1	0.85	64.54	65.00	2.5500	Red_Deer_5yr_Chicago_2h G7STM261
S3653_2	2.12	64.54	65.00	2.5500	Red_Deer_5yr_Chicago_2h J389
S3654	0.07	10.20	65.00	3.2200	Red_Deer_5yr_Chicago_2h J378
S3657	0.08	10.78	65.00	3.5300	Red_Deer_5yr_Chicago_2h J374
S3658	0.04	10.00	50.00	3.2100	Red_Deer_5yr_Chicago_2h I9STM143
S3659	0.13	13.27	65.00	3.7200	Red_Deer_5yr_Chicago_2h J356
S3661	0.18	15.71	65.00	3.3000	Red_Deer_5yr_Chicago_2h J356
S3662	0.05	8.67	65.00	2.9500	Red_Deer_5yr_Chicago_2h J352
S3663	0.13	13.36	65.00	3.7200	Red_Deer_5yr_Chicago_2h J356
S3664	0.06	15.00	35.00	2.6900	Red_Deer_5yr_Chicago_2h J9STM1872
S3665	0.05	15.00	35.00	3.1700	Red_Deer_5yr_Chicago_2h J9STM1872

S3666	0.06	15.00	35.00	2.6400 Red_Deer_5yr_Chicago_2h J9STM1872
S3667	0.13	15.00	35.00	2.9400 Red_Deer_5yr_Chicago_2h J9STM1872
S3668	0.13	13.58	65.00	2.7800 Red_Deer_5yr_Chicago_2h J356
S3669	0.06	15.00	35.00	2.5800 Red_Deer_5yr_Chicago_2h J362
S3670	0.06	15.00	35.00	2.7900 Red_Deer_5yr_Chicago_2h J362
S3671	0.06	15.00	50.00	4.2100 Red_Deer_5yr_Chicago_2h J358
S3672	0.05	15.00	50.00	3.3700 Red_Deer_5yr_Chicago_2h J358
S3673	0.10	12.02	65.00	3.3400 Red_Deer_5yr_Chicago_2h J356
S3675	0.11	12.53	65.00	3.8900 Red_Deer_5yr_Chicago_2h J356
S3676	0.11	12.30	65.00	3.0700 Red_Deer_5yr_Chicago_2h J356
S3678	0.08	15.00	35.00	2.7300 Red_Deer_5yr_Chicago_2h I9STM148
S3680	0.14	13.88	65.00	3.2700 Red_Deer_5yr_Chicago_2h J356
S3681	0.05	15.00	35.00	3.9700 Red_Deer_5yr_Chicago_2h I9STM97
S3683	0.11	12.39	65.00	3.2400 Red_Deer_5yr_Chicago_2h J356
S3684	0.07	9.63	65.00	2.6300 Red_Deer_5yr_Chicago_2h J80
S3685	0.05	15.00	35.00	3.1500 Red_Deer_5yr_Chicago_2h I9STM97
S3686	0.14	14.08	65.00	5.0800 Red_Deer_5yr_Chicago_2h J356
S3687	0.07	15.00	35.00	3.7600 Red_Deer_5yr_Chicago_2h J362
S3690	0.04	15.00	50.00	3.4000 Red_Deer_5yr_Chicago_2h J358
S3691	0.03	15.00	50.00	2.7500 Red_Deer_5yr_Chicago_2h J358
S3692	0.06	15.00	50.00	3.1100 Red_Deer_5yr_Chicago_2h J358
S3693	0.06	15.00	50.00	2.9900 Red_Deer_5yr_Chicago_2h J358
S3694	0.06	15.00	50.00	3.1500 Red_Deer_5yr_Chicago_2h J358
S3695	0.06	15.00	35.00	3.0900 Red_Deer_5yr_Chicago_2h I9STM143
S3696	0.06	15.00	50.00	2.8200 Red_Deer_5yr_Chicago_2h J358
S3697	0.06	15.00	35.00	3.3400 Red_Deer_5yr_Chicago_2h I9STM143
S3698	0.09	11.06	65.00	3.0900 Red_Deer_5yr_Chicago_2h J356
S3699	0.09	11.29	65.00	3.5700 Red_Deer_5yr_Chicago_2h J374
S37	0.16	14.30	65.00	8.2800 Red_Deer_5yr_Chicago_2h J109
S3700	0.04	10.00	50.00	3.0900 Red_Deer_5yr_Chicago_2h I9STM143
S3701	0.10	12.11	65.00	2.7200 Red_Deer_5yr_Chicago_2h J356
S3702	0.06	15.00	50.00	3.7700 Red_Deer_5yr_Chicago_2h J358
S3703	0.08	10.37	65.00	1.8300 Red_Deer_5yr_Chicago_2h J374
S3704	0.06	8.97	65.00	3.8200 Red_Deer_5yr_Chicago_2h J356
S3705	0.06	8.97	65.00	3.5900 Red_Deer_5yr_Chicago_2h J356
S3706	0.17	15.53	65.00	4.0800 Red_Deer_5yr_Chicago_2h J356
S3707	0.07	15.00	50.00	3.4200 Red_Deer_5yr_Chicago_2h J358
S3708	0.65	28.94	65.00	3.8300 Red_Deer_5yr_Chicago_2h 745
S3709	0.02	4.76	65.00	2.8500 Red_Deer_5yr_Chicago_2h J374
S3710	0.05	8.67	65.00	4.9400 Red_Deer_5yr_Chicago_2h J352
S3711	0.03	7.01	65.00	3.2500 Red_Deer_5yr_Chicago_2h J80
S3715	1.21	95.00	70.00	2.8500 Red_Deer_5yr_Chicago_2h I9STM143
S3717	0.07	15.00	50.00	4.1400 Red_Deer_5yr_Chicago_2h J358
S3718	4.70	130.07	70.00	3.0100 Red_Deer_5yr_Chicago_2h CULV5385
S3719	0.06	15.00	50.00	2.9200 Red_Deer_5yr_Chicago_2h J358
S3720	0.09	10.98	65.00	3.1900 Red_Deer_5yr_Chicago_2h J356
S3721	0.07	15.00	35.00	3.3500 Red_Deer_5yr_Chicago_2h J362
S3722	0.10	10.00	50.00	3.7900 Red_Deer_5yr_Chicago_2h J381
S3724	0.04	10.00	50.00	2.7800 Red_Deer_5yr_Chicago_2h I9STM143
S3725	0.09	10.00	50.00	3.3300 Red_Deer_5yr_Chicago_2h J381
S3726	0.05	15.00	35.00	3.4500 Red_Deer_5yr_Chicago_2h I9STM97
S3727	0.06	10.00	50.00	2.7700 Red_Deer_5yr_Chicago_2h J381
S3728	0.06	15.00	35.00	2.8500 Red_Deer_5yr_Chicago_2h I9STM148
S3729	0.05	15.00	35.00	3.6000 Red_Deer_5yr_Chicago_2h I9STM148
S3730	0.05	15.00	35.00	3.4300 Red_Deer_5yr_Chicago_2h I9STM148
S3731	0.05	15.00	35.00	3.1900 Red_Deer_5yr_Chicago_2h I9STM148
S3732	0.06	10.00	50.00	3.3800 Red_Deer_5yr_Chicago_2h J381
S3733	0.06	15.00	35.00	3.0900 Red_Deer_5yr_Chicago_2h I9STM97
S3734	0.42	26.87	80.00	3.7200 Red_Deer_5yr_Chicago_2h CULV5397
S3735	0.07	15.00	35.00	2.9000 Red_Deer_5yr_Chicago_2h J362
S3736	0.42	38.88	70.00	4.6800 Red_Deer_5yr_Chicago_2h CULV5385
S3737	0.07	9.94	65.00	2.9900 Red_Deer_5yr_Chicago_2h J374
S3738	0.14	10.00	50.00	3.0900 Red_Deer_5yr_Chicago_2h J381
S3739	0.06	15.00	35.00	3.0500 Red_Deer_5yr_Chicago_2h I9STM148
S3741	0.05	8.67	65.00	3.0800 Red_Deer_5yr_Chicago_2h J374
S3742	0.18	16.06	65.00	3.4000 Red_Deer_5yr_Chicago_2h J381
S3743	0.05	8.67	65.00	4.1400 Red_Deer_5yr_Chicago_2h J352
S3744	0.05	15.00	35.00	3.3200 Red_Deer_5yr_Chicago_2h H9STM138
S3745	0.15	14.66	65.00	2.8300 Red_Deer_5yr_Chicago_2h J381
S3746	0.06	15.00	50.00	3.2500 Red_Deer_5yr_Chicago_2h J358
S3747	0.06	15.00	50.00	5.0600 Red_Deer_5yr_Chicago_2h J358
S3748	0.08	15.00	50.00	4.7200 Red_Deer_5yr_Chicago_2h J358
S3751	0.04	10.00	50.00	2.4600 Red_Deer_5yr_Chicago_2h I9STM143
S3753	0.06	15.00	50.00	3.4100 Red_Deer_5yr_Chicago_2h J358
S3754	0.72	50.77	70.00	2.0700 Red_Deer_5yr_Chicago_2h CULV5315

S3755	0.09	11.36	65.00	3.2900	Red_Deer_5yr_Chicago_2h J381
S3756	0.09	11.36	65.00	3.4500	Red_Deer_5yr_Chicago_2h J381
S3757	0.41	38.24	70.00	4.9200	Red_Deer_5yr_Chicago_2h CULV5314
S3758	0.21	17.36	65.00	5.2900	Red_Deer_5yr_Chicago_2h J381
S3759	0.07	15.00	35.00	3.4800	Red_Deer_5yr_Chicago_2h J362
S3760	2.25	56.29	65.00	3.0900	Red_Deer_5yr_Chicago_2h J372
S3761	0.09	10.00	50.00	2.5600	Red_Deer_5yr_Chicago_2h J381
S3763	0.05	15.00	35.00	3.0400	Red_Deer_5yr_Chicago_2h I9STM97
S3764	0.06	15.00	35.00	3.6700	Red_Deer_5yr_Chicago_2h J9STM1871
S3765	0.09	11.04	65.00	3.9200	Red_Deer_5yr_Chicago_2h J352
S3766	0.09	10.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h J381
S3767	0.07	9.89	65.00	3.9900	Red_Deer_5yr_Chicago_2h J372
S3768	0.07	9.89	65.00	3.4800	Red_Deer_5yr_Chicago_2h J372
S3769	0.07	9.91	65.00	3.6200	Red_Deer_5yr_Chicago_2h J372
S3771	0.06	9.49	65.00	3.4400	Red_Deer_5yr_Chicago_2h J374
S3772	0.09	10.00	50.00	2.5900	Red_Deer_5yr_Chicago_2h J381
S3774	0.04	10.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h I9STM143
S3775	0.05	15.00	35.00	3.0200	Red_Deer_5yr_Chicago_2h J9STM1871
S3776	0.07	15.00	35.00	3.0100	Red_Deer_5yr_Chicago_2h J362
S3777	0.09	15.00	50.00	3.0600	Red_Deer_5yr_Chicago_2h J358
S3778	0.06	15.00	35.00	3.9300	Red_Deer_5yr_Chicago_2h J9STM1871
S3779	0.05	15.00	35.00	2.8500	Red_Deer_5yr_Chicago_2h J9STM1871
S3780	0.06	9.16	65.00	3.9800	Red_Deer_5yr_Chicago_2h J374
S3781	0.05	15.00	35.00	3.0400	Red_Deer_5yr_Chicago_2h H9STM138
S3782	0.06	9.16	65.00	3.5600	Red_Deer_5yr_Chicago_2h J352
S3783	0.07	15.00	50.00	3.2000	Red_Deer_5yr_Chicago_2h J358
S3784	0.06	15.00	50.00	2.8300	Red_Deer_5yr_Chicago_2h J358
S3785	0.05	15.00	50.00	3.2300	Red_Deer_5yr_Chicago_2h J358
S3786	0.10	15.00	35.00	3.0700	Red_Deer_5yr_Chicago_2h J9STM1871
S3787	0.14	10.00	50.00	3.9500	Red_Deer_5yr_Chicago_2h J381
S3788	0.11	10.00	50.00	3.9200	Red_Deer_5yr_Chicago_2h J381
S3789	0.06	15.00	50.00	2.7400	Red_Deer_5yr_Chicago_2h J358
S3790	0.08	15.00	50.00	3.2300	Red_Deer_5yr_Chicago_2h J358
S3791	0.23	18.06	65.00	2.2100	Red_Deer_5yr_Chicago_2h J40
S3792	0.06	10.00	50.00	3.3800	Red_Deer_5yr_Chicago_2h J381
S3793	0.09	10.00	50.00	3.2500	Red_Deer_5yr_Chicago_2h J381
S3794	0.03	10.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h I9STM143
S3795	0.05	15.00	35.00	3.5100	Red_Deer_5yr_Chicago_2h I9STM97
S3796	0.11	10.00	50.00	3.9100	Red_Deer_5yr_Chicago_2h J381
S3797	0.07	15.00	35.00	2.9000	Red_Deer_5yr_Chicago_2h J362
S38	0.12	12.37	65.00	7.0100	Red_Deer_5yr_Chicago_2h J109
S3807	0.48	26.04	65.00	3.0700	Red_Deer_5yr_Chicago_2h G7STM262
S3809	0.14	14.14	65.00	3.0100	Red_Deer_5yr_Chicago_2h J389
S3810	0.08	15.00	35.00	2.8300	Red_Deer_5yr_Chicago_2h I9STM148
S3811	0.10	11.88	65.00	3.2000	Red_Deer_5yr_Chicago_2h J389
S3812	0.07	9.63	65.00	3.5300	Red_Deer_5yr_Chicago_2h J374
S3813	0.10	10.00	50.00	4.0700	Red_Deer_5yr_Chicago_2h J381
S3814	0.10	10.00	50.00	3.4400	Red_Deer_5yr_Chicago_2h J381
S3815	0.14	10.00	50.00	3.1500	Red_Deer_5yr_Chicago_2h J381
S3816	0.14	10.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h J381
S3817	0.07	15.00	35.00	2.8900	Red_Deer_5yr_Chicago_2h J362
S3818	0.09	10.00	50.00	3.5100	Red_Deer_5yr_Chicago_2h G7STM261
S3819	0.08	10.74	65.00	3.4900	Red_Deer_5yr_Chicago_2h J374
S3820	0.05	15.00	35.00	2.8900	Red_Deer_5yr_Chicago_2h H9STM138
S3821	0.17	15.48	65.00	2.3900	Red_Deer_5yr_Chicago_2h J80
S3822	0.08	10.75	65.00	2.5700	Red_Deer_5yr_Chicago_2h J352
S3823	0.03	10.00	50.00	3.6800	Red_Deer_5yr_Chicago_2h I9STM139
S3824	0.10	10.00	50.00	3.3500	Red_Deer_5yr_Chicago_2h G7STM261
S3825	0.07	10.00	50.00	3.9700	Red_Deer_5yr_Chicago_2h G7STM261
S3826	0.17	10.00	50.00	4.0400	Red_Deer_5yr_Chicago_2h G7STM261
S3827	0.06	15.00	50.00	3.0700	Red_Deer_5yr_Chicago_2h J358
S3828	0.12	10.00	50.00	3.5300	Red_Deer_5yr_Chicago_2h G7STM261
S3829	0.14	10.00	50.00	2.8700	Red_Deer_5yr_Chicago_2h G7STM261
S3830	0.05	15.00	35.00	3.1600	Red_Deer_5yr_Chicago_2h I9STM98
S3831	0.14	10.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h G7STM261
S3832	0.07	15.00	35.00	3.2000	Red_Deer_5yr_Chicago_2h J9STM1871
S3833	0.42	26.88	80.00	2.7400	Red_Deer_5yr_Chicago_2h CULV5397
S3834	0.42	38.88	70.00	2.8300	Red_Deer_5yr_Chicago_2h CULV5385
S3835	0.22	17.53	65.00	4.3600	Red_Deer_5yr_Chicago_2h G7STM261
S3836	0.07	10.00	50.00	3.2600	Red_Deer_5yr_Chicago_2h G7STM261
S3837	0.07	15.00	35.00	3.0500	Red_Deer_5yr_Chicago_2h J362
S3838	0.10	10.00	50.00	3.2500	Red_Deer_5yr_Chicago_2h G7STM261
S3839	0.12	12.76	65.00	3.2100	Red_Deer_5yr_Chicago_2h J374
S3840	0.09	10.00	50.00	3.0000	Red_Deer_5yr_Chicago_2h G7STM261
S3841	0.04	10.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h I9STM139

S3842	0.10	10.00	50.00	3.1700	Red_Deer_5yr_Chicago_2h G7STM261
S3843	0.10	10.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h G7STM261
S3844	0.04	7.81	65.00	3.3100	Red_Deer_5yr_Chicago_2h J78
S3845	0.12	10.00	50.00	3.4700	Red_Deer_5yr_Chicago_2h G7STM261
S3846	0.08	15.00	35.00	3.3200	Red_Deer_5yr_Chicago_2h I9STM148
S3847	0.07	15.00	35.00	3.2200	Red_Deer_5yr_Chicago_2h I9STM148
S3848	0.05	15.00	35.00	3.6000	Red_Deer_5yr_Chicago_2h I9STM148
S3849	0.05	15.00	35.00	3.4300	Red_Deer_5yr_Chicago_2h I9STM148
S3850	0.05	15.00	35.00	3.3900	Red_Deer_5yr_Chicago_2h I9STM148
S3851	0.05	15.00	35.00	2.7500	Red_Deer_5yr_Chicago_2h I9STM97
S3852	0.05	15.00	35.00	3.2600	Red_Deer_5yr_Chicago_2h I9STM97
S3853	0.05	15.00	35.00	3.5100	Red_Deer_5yr_Chicago_2h I9STM97
S3854	0.07	15.00	35.00	3.3700	Red_Deer_5yr_Chicago_2h I9STM98
S3855	0.05	15.00	35.00	2.7800	Red_Deer_5yr_Chicago_2h H9STM138
S3856	0.10	12.04	65.00	2.7600	Red_Deer_5yr_Chicago_2h J374
S3857	0.10	12.05	65.00	4.0300	Red_Deer_5yr_Chicago_2h J352
S3858	0.07	15.00	35.00	3.3100	Red_Deer_5yr_Chicago_2h J362
S3859	0.09	10.00	50.00	3.9200	Red_Deer_5yr_Chicago_2h G7STM261
S3861	0.10	15.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h J358
S3862	0.05	15.00	35.00	3.4200	Red_Deer_5yr_Chicago_2h I9STM98
S3863	0.06	10.00	50.00	2.8600	Red_Deer_5yr_Chicago_2h J389
S3864	0.06	15.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h J358
S3865	0.07	10.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h J389
S3866	0.14	10.00	50.00	2.5300	Red_Deer_5yr_Chicago_2h J389
S3867	0.04	10.00	50.00	2.6400	Red_Deer_5yr_Chicago_2h I9STM139
S3868	0.09	10.00	50.00	3.1900	Red_Deer_5yr_Chicago_2h J389
S3869	0.07	10.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h J389
S3870	0.07	10.00	50.00	2.7900	Red_Deer_5yr_Chicago_2h J389
S3871	0.06	9.33	65.00	3.4200	Red_Deer_5yr_Chicago_2h J479
S3872	0.05	15.00	35.00	2.6100	Red_Deer_5yr_Chicago_2h H9STM138
S3873	0.07	10.08	65.00	2.9100	Red_Deer_5yr_Chicago_2h J479
S3874	0.41	38.21	70.00	4.0300	Red_Deer_5yr_Chicago_2h CULV5314
S3875	0.07	10.08	65.00	2.6000	Red_Deer_5yr_Chicago_2h J479
S3877	0.07	15.00	35.00	3.7100	Red_Deer_5yr_Chicago_2h J362
S3878	0.11	12.34	65.00	2.5300	Red_Deer_5yr_Chicago_2h J479
S3879	0.07	10.08	65.00	2.9000	Red_Deer_5yr_Chicago_2h J479
S3880	0.04	10.00	50.00	3.2600	Red_Deer_5yr_Chicago_2h I9STM139
S3881	0.11	12.34	65.00	3.1400	Red_Deer_5yr_Chicago_2h J479
S3882	0.11	12.34	65.00	3.4600	Red_Deer_5yr_Chicago_2h J479
S3883	0.05	15.00	35.00	3.1900	Red_Deer_5yr_Chicago_2h I9STM98
S3884	0.05	15.00	35.00	2.9600	Red_Deer_5yr_Chicago_2h H9STM138
S3885	0.11	12.60	65.00	5.7300	Red_Deer_5yr_Chicago_2h J479
S3886	0.07	15.00	50.00	4.6500	Red_Deer_5yr_Chicago_2h J358
S3887	3.60	113.83	70.00	2.3000	Red_Deer_5yr_Chicago_2h CULV5385
S3888	0.06	15.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h J358
S3889	0.06	15.00	50.00	4.3100	Red_Deer_5yr_Chicago_2h J358
S3891	0.06	15.00	35.00	4.0500	Red_Deer_5yr_Chicago_2h J9STM1871
S3892	0.05	15.00	35.00	3.2400	Red_Deer_5yr_Chicago_2h J9STM1871
S3894	0.05	15.00	35.00	3.3200	Red_Deer_5yr_Chicago_2h J9STM1871
S3895	0.07	15.00	35.00	3.0500	Red_Deer_5yr_Chicago_2h J9STM1871
S3896	0.10	15.00	35.00	3.1900	Red_Deer_5yr_Chicago_2h J9STM1871
S3897	0.09	10.00	50.00	2.8500	Red_Deer_5yr_Chicago_2h HPMH44
S3898	0.25	10.00	50.00	2.4900	Red_Deer_5yr_Chicago_2h HPMH44
S3899	0.06	9.40	65.00	3.1900	Red_Deer_5yr_Chicago_2h J372
S39	0.65	15.00	70.00	4.3700	Red_Deer_5yr_Chicago_2h J444
S3900	0.06	9.22	65.00	3.3200	Red_Deer_5yr_Chicago_2h J372
S3901	0.13	10.00	50.00	3.0900	Red_Deer_5yr_Chicago_2h HPMH44
S3902	0.06	9.22	65.00	3.6600	Red_Deer_5yr_Chicago_2h J372
S3903	0.06	9.22	65.00	3.4300	Red_Deer_5yr_Chicago_2h J372
S3904	0.04	10.00	50.00	2.8700	Red_Deer_5yr_Chicago_2h I9STM139
S3905	0.06	9.22	65.00	4.0200	Red_Deer_5yr_Chicago_2h J372
S3906	0.06	9.22	65.00	3.2200	Red_Deer_5yr_Chicago_2h J372
S3907	0.05	15.00	35.00	3.4100	Red_Deer_5yr_Chicago_2h H9STM138
S3908	0.06	9.22	65.00	4.3300	Red_Deer_5yr_Chicago_2h J372
S3909	0.06	9.22	65.00	3.4600	Red_Deer_5yr_Chicago_2h J372
S3910	0.06	9.24	65.00	3.3600	Red_Deer_5yr_Chicago_2h J372
S3911	0.13	10.00	50.00	2.6500	Red_Deer_5yr_Chicago_2h HPMH44
S3912	0.05	15.00	35.00	2.6300	Red_Deer_5yr_Chicago_2h I9STM98
S3913	0.05	15.00	35.00	3.1000	Red_Deer_5yr_Chicago_2h I9STM98
S3914	0.07	15.00	35.00	3.1100	Red_Deer_5yr_Chicago_2h J362
S3915	0.13	10.00	50.00	2.5900	Red_Deer_5yr_Chicago_2h HPMH44
S3916_1	0.27	15.00	70.00	4.1000	Red_Deer_5yr_Chicago_2h J210
S3916_3	0.17	15.00	70.00	4.1000	Red_Deer_5yr_Chicago_2h J185
S3916_4	0.18	15.00	70.00	4.1000	Red_Deer_5yr_Chicago_2h J212
S3916_5	0.15	15.00	70.00	4.1000	Red_Deer_5yr_Chicago_2h J214

S3916_6	0.16	15.00	70.00	4.1000	Red_Deer_5yr_Chicago_2h J190
S3917	0.06	10.00	50.00	3.2400	Red_Deer_5yr_Chicago_2h H9STM138
S3918	0.03	8.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h H9STM138
S3919	0.03	8.00	50.00	3.3800	Red_Deer_5yr_Chicago_2h I9STM139
S3920	0.03	8.00	50.00	2.6000	Red_Deer_5yr_Chicago_2h I9STM139
S3921	0.03	8.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h I9STM139
S3922	0.03	8.00	50.00	2.7300	Red_Deer_5yr_Chicago_2h I9STM139
S3923	0.03	8.00	50.00	3.1600	Red_Deer_5yr_Chicago_2h I9STM139
S3924	0.05	10.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h I9STM139
S3925	0.06	15.00	50.00	3.4000	Red_Deer_5yr_Chicago_2h J358
S3926	0.05	15.00	35.00	3.0200	Red_Deer_5yr_Chicago_2h H9STM138
S3927	0.10	10.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h HPMH1
S3928	0.19	10.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h HPMH44
S3929	0.07	15.00	35.00	3.6200	Red_Deer_5yr_Chicago_2h J362
S3930	0.07	9.87	65.00	2.9100	Red_Deer_5yr_Chicago_2h F9STM259
S3931	0.42	26.87	80.00	2.6700	Red_Deer_5yr_Chicago_2h CULV5397
S3932	0.06	15.00	50.00	3.5200	Red_Deer_5yr_Chicago_2h J358
S3933	0.42	38.88	70.00	3.3900	Red_Deer_5yr_Chicago_2h CULV5385
S3934	0.04	10.00	50.00	3.3400	Red_Deer_5yr_Chicago_2h I9STM139
S3937	0.22	10.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h HPMH1
S3938	0.05	15.00	35.00	2.9000	Red_Deer_5yr_Chicago_2h H9STM138
S394	0.41	23.92	65.00	2.8100	Red_Deer_5yr_Chicago_2h J40
S3940	0.06	15.00	50.00	2.8500	Red_Deer_5yr_Chicago_2h J358
S3941	0.14	10.00	50.00	3.1000	Red_Deer_5yr_Chicago_2h J481
S3942	0.14	10.00	50.00	2.8700	Red_Deer_5yr_Chicago_2h J24
S3943	0.06	15.00	35.00	3.0700	Red_Deer_5yr_Chicago_2h I9STM98
S3944	0.61	46.83	70.00	2.0900	Red_Deer_5yr_Chicago_2h CULV5306
S3945	0.04	10.00	50.00	3.1400	Red_Deer_5yr_Chicago_2h I9STM139
S3947	0.06	15.00	35.00	2.5100	Red_Deer_5yr_Chicago_2h I9STM98
S3948	0.69	10.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h HPMH47
S3949	0.07	15.00	35.00	3.7400	Red_Deer_5yr_Chicago_2h J362
S3951	0.08	10.67	65.00	2.8600	Red_Deer_5yr_Chicago_2h J37
S3952	0.06	9.21	65.00	3.3100	Red_Deer_5yr_Chicago_2h J37
S3953	0.06	9.22	65.00	4.4700	Red_Deer_5yr_Chicago_2h J37
S3954	0.06	9.22	65.00	6.1500	Red_Deer_5yr_Chicago_2h J37
S3955	0.05	15.00	35.00	3.1800	Red_Deer_5yr_Chicago_2h H9STM138
S3956	0.06	9.22	65.00	4.4900	Red_Deer_5yr_Chicago_2h J37
S3957	0.06	9.22	65.00	3.8500	Red_Deer_5yr_Chicago_2h J37
S3958	0.06	9.22	65.00	3.8500	Red_Deer_5yr_Chicago_2h J37
S3959	0.06	9.22	65.00	4.0200	Red_Deer_5yr_Chicago_2h J37
S3960	0.08	10.67	65.00	9.2000	Red_Deer_5yr_Chicago_2h J37
S3961	0.48	10.00	50.00	2.7500	Red_Deer_5yr_Chicago_2h J65
S3962	0.72	50.77	70.00	2.0900	Red_Deer_5yr_Chicago_2h CULV5315
S3963	0.16	10.00	50.00	3.0000	Red_Deer_5yr_Chicago_2h J64
S3964	0.13	10.00	50.00	3.0800	Red_Deer_5yr_Chicago_2h J64
S3966	0.65	10.00	50.00	3.1100	Red_Deer_5yr_Chicago_2h J62
S3967	0.36	10.00	50.00	2.9600	Red_Deer_5yr_Chicago_2h J27
S3968	0.14	10.00	50.00	2.8400	Red_Deer_5yr_Chicago_2h J482
S3969	0.07	15.00	35.00	3.6900	Red_Deer_5yr_Chicago_2h J362
S3970	0.06	15.00	50.00	4.4100	Red_Deer_5yr_Chicago_2h J358
S3971	0.08	15.00	35.00	3.3900	Red_Deer_5yr_Chicago_2h I8STM111
S3975	0.05	15.00	35.00	2.6800	Red_Deer_5yr_Chicago_2h H9STM138
S3976	0.09	15.00	35.00	3.5000	Red_Deer_5yr_Chicago_2h I8STM111
S3977	0.04	10.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h I9STM139
S3978	0.14	15.00	35.00	2.9400	Red_Deer_5yr_Chicago_2h I8STM111
S3982	0.20	16.73	65.00	2.0400	Red_Deer_5yr_Chicago_2h J78
S3986	0.06	15.00	35.00	3.6100	Red_Deer_5yr_Chicago_2h J9STM114
S3989	0.05	15.00	35.00	2.9600	Red_Deer_5yr_Chicago_2h H9STM138
S3990	0.06	15.00	50.00	3.5900	Red_Deer_5yr_Chicago_2h J358
S3991	0.41	38.20	70.00	2.6300	Red_Deer_5yr_Chicago_2h CULV5314
S3992	0.05	15.00	35.00	2.5700	Red_Deer_5yr_Chicago_2h I9STM98
S3994	0.13	15.00	35.00	2.8300	Red_Deer_5yr_Chicago_2h I8STM111
S3995	0.07	15.00	35.00	3.0300	Red_Deer_5yr_Chicago_2h J362
S4	0.74	15.00	70.00	3.8800	Red_Deer_5yr_Chicago_2h D14STM249
S40	18.27	50.00	35.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S4000	0.06	15.00	35.00	2.8300	Red_Deer_5yr_Chicago_2h I9STM98
S4001	0.07	15.00	35.00	3.0600	Red_Deer_5yr_Chicago_2h J9STM114
S4002	0.06	15.00	35.00	2.7800	Red_Deer_5yr_Chicago_2h J9STM114
S4003	0.06	15.00	35.00	2.9700	Red_Deer_5yr_Chicago_2h J9STM114
S4004	0.06	15.00	35.00	2.6800	Red_Deer_5yr_Chicago_2h J9STM114
S4005	0.06	15.00	35.00	2.7100	Red_Deer_5yr_Chicago_2h J9STM114
S4006	0.04	10.00	50.00	3.1800	Red_Deer_5yr_Chicago_2h I9STM139
S4007	0.14	15.00	35.00	2.8500	Red_Deer_5yr_Chicago_2h I8STM111
S4010	0.07	15.00	35.00	3.8700	Red_Deer_5yr_Chicago_2h J362
S4011	0.09	11.34	65.00	2.6400	Red_Deer_5yr_Chicago_2h J35

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 S4012                0.05     15.00     35.00    2.8000 Red_Deer_5yr_Chicago_2h H9STM138
 S4013                0.08     10.00     50.00    2.9200 Red_Deer_5yr_Chicago_2h H9STM138
 S4014                0.04      8.00     50.00    3.1200 Red_Deer_5yr_Chicago_2h H9STM138
 S4015                0.04      8.00     50.00    2.6600 Red_Deer_5yr_Chicago_2h I9STM139
 S4016                0.04      8.00     50.00    2.8800 Red_Deer_5yr_Chicago_2h I9STM139
 S4017                0.04      8.00     50.00    2.8100 Red_Deer_5yr_Chicago_2h I9STM139
 S4018                0.04      8.00     50.00    3.0100 Red_Deer_5yr_Chicago_2h I9STM139
 S4019                0.04      8.00     50.00    3.3000 Red_Deer_5yr_Chicago_2h I9STM139
 S4020                0.05     10.00     50.00    3.7400 Red_Deer_5yr_Chicago_2h I9STM139
 S4024                0.09     15.00     35.00    2.4100 Red_Deer_5yr_Chicago_2h I8STM111
   S4025               0.05     15.00     50.00    2.7300 Red_Deer_5yr_Chicago_2h J358
   S4026               0.09     15.00     50.00    4.0100 Red_Deer_5yr_Chicago_2h J358
 S4027                0.07     15.00     35.00    2.7700 Red_Deer_5yr_Chicago_2h J9STM114
 S4029                0.51     42.83     70.00    2.0300 Red_Deer_5yr_Chicago_2h CULV5306
   S4030               0.36     22.44     65.00    2.7600 Red_Deer_5yr_Chicago_2h J356
 S4031                1.58     63.42     80.00    7.4300 Red_Deer_5yr_Chicago_2h CULV5415
 S4033                0.05     15.00     35.00    2.7300 Red_Deer_5yr_Chicago_2h H9STM138
 S4034                0.42     26.87     80.00    3.2300 Red_Deer_5yr_Chicago_2h CULV5397
 S4037                0.42     38.89     70.00    4.1400 Red_Deer_5yr_Chicago_2h CULV5260
 S4038                0.04     10.00     50.00    3.2800 Red_Deer_5yr_Chicago_2h I9STM139
S4039_1               3.61     95.00     70.00    3.7100 Red_Deer_5yr_Chicago_2h J9STM1871
S4039_2               2.80     95.00     70.00    3.8100 Red_Deer_5yr_Chicago_2h J10STM1876
   S4040               0.06      9.21     65.00    2.7900 Red_Deer_5yr_Chicago_2h J35
   S4042               0.07     15.00     35.00    3.3000 Red_Deer_5yr_Chicago_2h J362
 S4043                 0.06     15.00     35.00    3.4000 Red_Deer_5yr_Chicago_2h I8STM99
 S4045                 0.06     15.00     35.00    3.1700 Red_Deer_5yr_Chicago_2h I8STM99
   S4050               0.07     15.00     35.00    3.2900 Red_Deer_5yr_Chicago_2h J362
 S4052                0.07     15.00     35.00    2.4300 Red_Deer_5yr_Chicago_2h I8STM111
   S4053               0.06      9.21     65.00    2.1800 Red_Deer_5yr_Chicago_2h J35
 S4058                0.05     15.00     35.00    2.8900 Red_Deer_5yr_Chicago_2h H9STM138
   S4061               0.09     15.00     50.00    3.6300 Red_Deer_5yr_Chicago_2h J358
   S4062               0.02      8.00     50.00    4.4100 Red_Deer_5yr_Chicago_2h J358
   S4063               0.13     15.00     50.00    3.3000 Red_Deer_5yr_Chicago_2h J358
 S4064                0.10     15.00     35.00    3.2800 Red_Deer_5yr_Chicago_2h I8STM111
 S4065                 0.05     15.00     35.00    3.8200 Red_Deer_5yr_Chicago_2h I8STM99
   S4066               0.06      9.21     65.00    2.2700 Red_Deer_5yr_Chicago_2h J35
 S4068                 0.06     15.00     35.00    3.1900 Red_Deer_5yr_Chicago_2h I8STM99
   S4069               0.07     15.00     35.00    3.2600 Red_Deer_5yr_Chicago_2h J362
 S4072                0.91     57.12     70.00    3.5000 Red_Deer_5yr_Chicago_2h CULV5385
 S4073                1.13     63.76     70.00    2.9700 Red_Deer_5yr_Chicago_2h CULV5385
 S4074                0.54     44.12     70.00    2.7500 Red_Deer_5yr_Chicago_2h CULV5307
   S4078               0.07     15.00     35.00    4.1900 Red_Deer_5yr_Chicago_2h J362
 S4079                0.06     15.00     35.00    2.4000 Red_Deer_5yr_Chicago_2h I8STM111
 S4081                0.05     15.00     35.00    2.6200 Red_Deer_5yr_Chicago_2h H9STM138
   S4084               0.06      9.21     65.00    2.5600 Red_Deer_5yr_Chicago_2h J35
 S4088                0.05     15.00     35.00    2.8900 Red_Deer_5yr_Chicago_2h H9STM138
 S4089                0.07     15.00     35.00    3.0300 Red_Deer_5yr_Chicago_2h J9STM114
 S4093                 0.06     15.00     35.00    2.8100 Red_Deer_5yr_Chicago_2h I8STM99
 S4094                 0.05     15.00     35.00    2.6500 Red_Deer_5yr_Chicago_2h I8STM99
   S4096               0.06      9.21     65.00    2.2800 Red_Deer_5yr_Chicago_2h J34
 S4097                0.41     38.59     70.00    2.8000 Red_Deer_5yr_Chicago_2h CULV5306
 S4098                0.08     15.00     35.00    3.2200 Red_Deer_5yr_Chicago_2h I8STM111
 S4099                0.51     42.81     70.00    2.3500 Red_Deer_5yr_Chicago_2h CULV5315
    S41                66.37    395.99      5.00    5.5100 Red_Deer_5yr_Chicago_2h
                      Norell_Business_Park
 S4101                0.41     38.21     70.00    3.0500 Red_Deer_5yr_Chicago_2h CULV5314
 S4105                0.05     10.00     50.00    3.2300 Red_Deer_5yr_Chicago_2h I9STM139
 S4108                0.05     15.00     35.00    3.0600 Red_Deer_5yr_Chicago_2h H9STM138
 S4110                0.08     15.00     35.00    3.5400 Red_Deer_5yr_Chicago_2h I8STM111
 S4111                0.09     15.00     35.00    3.4500 Red_Deer_5yr_Chicago_2h I8STM111
 S4112                0.41     26.41     80.00    3.5500 Red_Deer_5yr_Chicago_2h CULV5397
 S4113                0.06     15.00     35.00    3.4200 Red_Deer_5yr_Chicago_2h J9STM114
 S4114                0.09     15.00     35.00    3.0300 Red_Deer_5yr_Chicago_2h J9STM114
 S4115                0.06     15.00     35.00    2.9900 Red_Deer_5yr_Chicago_2h J9STM114
 S4116                0.06     15.00     35.00    3.4700 Red_Deer_5yr_Chicago_2h J9STM114
 S4117                0.06     15.00     35.00    3.2400 Red_Deer_5yr_Chicago_2h J9STM114
 S4118                0.06     15.00     35.00    2.6400 Red_Deer_5yr_Chicago_2h J9STM114
 S4120                0.42     38.75     70.00    2.8600 Red_Deer_5yr_Chicago_2h CULV5260
   S4121               0.08     15.00     35.00    3.5300 Red_Deer_5yr_Chicago_2h J362
   S4122               0.06      9.21     65.00    2.1700 Red_Deer_5yr_Chicago_2h J34
 S4123                0.07     10.00     50.00    2.1900 Red_Deer_5yr_Chicago_2h I9STM139
 S4124                0.08     10.00     50.00    3.4300 Red_Deer_5yr_Chicago_2h H9STM138
 S4125                0.04      8.00     50.00    2.6100 Red_Deer_5yr_Chicago_2h H9STM138
 S4126                0.04      8.00     50.00    2.3800 Red_Deer_5yr_Chicago_2h I9STM139
 S4127                0.04      8.00     50.00    2.9100 Red_Deer_5yr_Chicago_2h I9STM139
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S4128	0.04	8.00	50.00	3.4500	Red_Deer_5yr_Chicago_2h I9STM139
S4129	0.04	8.00	50.00	2.7200	Red_Deer_5yr_Chicago_2h I9STM139
S4130	0.04	8.00	50.00	3.6500	Red_Deer_5yr_Chicago_2h I9STM139
S4131	0.05	10.00	50.00	3.6500	Red_Deer_5yr_Chicago_2h I9STM139
S4132	0.05	15.00	35.00	2.9700	Red_Deer_5yr_Chicago_2h H9STM138
S4138	0.06	15.00	35.00	3.5000	Red_Deer_5yr_Chicago_2h I8STM99
S4140	0.06	15.00	35.00	3.6900	Red_Deer_5yr_Chicago_2h I8STM99
S4141	0.08	15.00	35.00	3.2900	Red_Deer_5yr_Chicago_2h J362
S4143	0.06	9.21	65.00	2.1800	Red_Deer_5yr_Chicago_2h J34
S4146	0.15	14.64	65.00	2.5000	Red_Deer_5yr_Chicago_2h J354
S4148	0.20	27.11	70.00	2.5900	Red_Deer_5yr_Chicago_2h CULV5307
S4149	0.59	46.27	65.00	5.3400	Red_Deer_5yr_Chicago_2h J42
S4150	0.06	10.00	50.00	2.6200	Red_Deer_5yr_Chicago_2h I8STM141
S4151	0.05	15.00	35.00	3.0500	Red_Deer_5yr_Chicago_2h H8STM137
S4157	0.05	15.00	35.00	2.5600	Red_Deer_5yr_Chicago_2h H9STM138
S4158	0.06	9.21	65.00	1.4900	Red_Deer_5yr_Chicago_2h J34
S4159	0.06	15.00	35.00	3.4900	Red_Deer_5yr_Chicago_2h I8STM99
S4161	0.05	15.00	35.00	3.0200	Red_Deer_5yr_Chicago_2h I8STM99
S4166	0.06	10.00	50.00	2.6900	Red_Deer_5yr_Chicago_2h I8STM141
S4167	0.05	15.00	35.00	2.5900	Red_Deer_5yr_Chicago_2h H8STM137
S4169	0.06	15.00	35.00	3.3500	Red_Deer_5yr_Chicago_2h I8STM100
S4174	0.05	8.48	65.00	2.1800	Red_Deer_5yr_Chicago_2h J34
S4176	0.05	15.00	35.00	2.8500	Red_Deer_5yr_Chicago_2h H9STM138
S4178	0.06	10.00	50.00	2.7000	Red_Deer_5yr_Chicago_2h I8STM141
S4179	0.06	15.00	35.00	3.0400	Red_Deer_5yr_Chicago_2h I8STM100
S4182	0.09	15.00	35.00	3.1800	Red_Deer_5yr_Chicago_2h J362
S4184	0.05	15.00	35.00	2.7600	Red_Deer_5yr_Chicago_2h I8STM142
S4185	0.20	14.96	80.00	2.2900	Red_Deer_5yr_Chicago_2h CULV5397
S4186	0.06	15.00	35.00	3.4100	Red_Deer_5yr_Chicago_2h I8STM100
S4189	0.07	15.00	35.00	2.5700	Red_Deer_5yr_Chicago_2h J8STM112
S4190	0.06	15.00	35.00	3.0400	Red_Deer_5yr_Chicago_2h J8STM112
S4191	0.06	15.00	35.00	2.2600	Red_Deer_5yr_Chicago_2h J8STM112
S4192	0.06	15.00	35.00	2.0500	Red_Deer_5yr_Chicago_2h J8STM112
S4193	0.06	15.00	35.00	2.5500	Red_Deer_5yr_Chicago_2h J8STM112
S4194	0.06	15.00	35.00	2.8600	Red_Deer_5yr_Chicago_2h J8STM112
S4195	1.19	69.28	65.00	2.4200	Red_Deer_5yr_Chicago_2h J8STM119
S4196	0.06	15.00	35.00	2.1100	Red_Deer_5yr_Chicago_2h I8STM104
S4199	0.07	15.00	35.00	3.7300	Red_Deer_5yr_Chicago_2h I8STM104
S42	0.60	15.00	35.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S4200	0.07	15.00	35.00	2.7900	Red_Deer_5yr_Chicago_2h I8STM111
S4201	0.05	15.00	35.00	2.5400	Red_Deer_5yr_Chicago_2h H8STM137
S4202	0.07	10.00	50.00	2.6200	Red_Deer_5yr_Chicago_2h H8STM137
S4203	0.05	10.00	50.00	2.5100	Red_Deer_5yr_Chicago_2h H8STM137
S4204	0.04	10.00	50.00	2.3500	Red_Deer_5yr_Chicago_2h I8STM140
S4205	0.04	10.00	50.00	3.3600	Red_Deer_5yr_Chicago_2h I8STM140
S4206	0.05	10.00	50.00	2.6300	Red_Deer_5yr_Chicago_2h I8STM140
S4207	0.05	10.00	50.00	2.7400	Red_Deer_5yr_Chicago_2h I8STM140
S4209	0.41	14.42	80.00	2.5600	Red_Deer_5yr_Chicago_2h CULV5259
S4210	0.43	39.25	70.00	2.7200	Red_Deer_5yr_Chicago_2h CULV5260
S4211	0.41	38.50	70.00	2.1900	Red_Deer_5yr_Chicago_2h CULV5263
S4212	0.41	38.34	70.00	3.4900	Red_Deer_5yr_Chicago_2h CULV5263
S4213	0.41	38.34	70.00	2.5400	Red_Deer_5yr_Chicago_2h CULV5307
S4214	0.20	27.11	70.00	2.5600	Red_Deer_5yr_Chicago_2h CULV5307
S4215	0.41	38.20	70.00	2.6900	Red_Deer_5yr_Chicago_2h CULV5306
S4216	0.04	15.00	35.00	2.7100	Red_Deer_5yr_Chicago_2h I8STM142
S4217	0.41	38.19	70.00	2.2300	Red_Deer_5yr_Chicago_2h CULV5315
S4218	0.41	38.24	70.00	2.5600	Red_Deer_5yr_Chicago_2h CULV5314
S4221	0.09	11.01	65.00	2.5600	Red_Deer_5yr_Chicago_2h J46
S4222	0.05	15.00	35.00	3.2900	Red_Deer_5yr_Chicago_2h H9STM138
S4224	0.07	15.96	30.00	2.7100	Red_Deer_5yr_Chicago_2h I8STM140
S4227	0.10	15.00	35.00	2.6100	Red_Deer_5yr_Chicago_2h J362
S4228	0.13	15.00	35.00	3.8500	Red_Deer_5yr_Chicago_2h J362
S4230	0.12	15.00	35.00	2.7600	Red_Deer_5yr_Chicago_2h J362
S4232	0.07	16.27	30.00	2.0600	Red_Deer_5yr_Chicago_2h I8STM142
S4234	0.06	15.00	35.00	2.1900	Red_Deer_5yr_Chicago_2h I8STM142
S4235	0.09	11.01	65.00	2.4100	Red_Deer_5yr_Chicago_2h J46
S4239	0.06	15.00	35.00	2.8200	Red_Deer_5yr_Chicago_2h I8STM99
S4248	0.07	15.00	35.00	2.6500	Red_Deer_5yr_Chicago_2h H8STM137
S4250	0.06	10.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h I8STM141
S4251	0.06	15.00	35.00	2.6400	Red_Deer_5yr_Chicago_2h I8STM100
S4253	0.05	15.00	35.00	2.4100	Red_Deer_5yr_Chicago_2h H8STM137
S4260	0.06	15.00	35.00	2.8400	Red_Deer_5yr_Chicago_2h I8STM100
S4265	0.06	15.00	35.00	3.0600	Red_Deer_5yr_Chicago_2h I8STM100
S4266	0.07	15.00	35.00	3.2500	Red_Deer_5yr_Chicago_2h H8STM136
S4267	0.05	15.00	35.00	2.9700	Red_Deer_5yr_Chicago_2h H8STM136

S4271	0.06	15.00	35.00	2.6500	Red_Deer_5yr_Chicago_2h I8STM100
S4272	0.06	10.00	50.00	3.2400	Red_Deer_5yr_Chicago_2h I8STM141
S4273	0.05	10.00	50.00	2.7800	Red_Deer_5yr_Chicago_2h H8STM136
S4274	0.05	10.00	50.00	2.3100	Red_Deer_5yr_Chicago_2h I8STM140
S4275	0.04	10.00	50.00	2.6300	Red_Deer_5yr_Chicago_2h I8STM140
S4276	0.04	10.00	50.00	2.5700	Red_Deer_5yr_Chicago_2h I8STM140
S4277	0.05	10.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h I8STM140
S4278	0.05	10.00	50.00	3.1400	Red_Deer_5yr_Chicago_2h I8STM140
S4279	0.05	10.00	50.00	2.4900	Red_Deer_5yr_Chicago_2h I8STM140
S4280	0.06	15.00	35.00	2.9400	Red_Deer_5yr_Chicago_2h I8STM100
S4282	0.06	15.00	35.00	3.1500	Red_Deer_5yr_Chicago_2h I8STM104
S4283	0.06	15.00	35.00	3.1100	Red_Deer_5yr_Chicago_2h I8STM104
S4284	0.06	15.00	35.00	2.3300	Red_Deer_5yr_Chicago_2h I8STM104
S4285	0.06	15.00	35.00	2.5900	Red_Deer_5yr_Chicago_2h J8STM112
S4286	0.06	15.00	35.00	2.9400	Red_Deer_5yr_Chicago_2h J8STM112
S4287	0.06	15.00	35.00	2.6800	Red_Deer_5yr_Chicago_2h J8STM112
S4288	0.06	15.00	35.00	2.2400	Red_Deer_5yr_Chicago_2h J8STM112
S4289	0.07	15.00	35.00	2.2000	Red_Deer_5yr_Chicago_2h J8STM112
S4290	0.06	15.00	35.00	2.9100	Red_Deer_5yr_Chicago_2h I8STM102
S4295	0.10	15.00	35.00	2.7700	Red_Deer_5yr_Chicago_2h I8STM103
S4298	0.07	15.00	35.00	2.7300	Red_Deer_5yr_Chicago_2h I8STM152
S4299	0.06	15.00	35.00	2.3400	Red_Deer_5yr_Chicago_2h I8STM103
S43	0.60	15.00	35.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S4301	0.06	15.00	35.00	2.9200	Red_Deer_5yr_Chicago_2h H8STM136
S4302	0.06	10.00	50.00	2.9900	Red_Deer_5yr_Chicago_2h I8STM151
S4303	0.06	10.00	50.00	3.2700	Red_Deer_5yr_Chicago_2h I8STM151
S4307	0.05	15.00	35.00	3.0500	Red_Deer_5yr_Chicago_2h H8STM136
S4308	0.07	15.00	35.00	3.4100	Red_Deer_5yr_Chicago_2h I8STM152
S4309	0.06	10.00	50.00	3.5100	Red_Deer_5yr_Chicago_2h I8STM102
S4313	0.07	10.00	50.00	3.0100	Red_Deer_5yr_Chicago_2h I8STM102
S4316	0.28	31.47	70.00	2.0100	Red_Deer_5yr_Chicago_2h CULV5252
S4317	0.07	15.00	35.00	2.5700	Red_Deer_5yr_Chicago_2h I8STM103
S4322	0.05	10.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h I8STM102
S4324	0.09	15.00	35.00	2.8600	Red_Deer_5yr_Chicago_2h I8STM103
S4325	0.06	15.00	35.00	3.0300	Red_Deer_5yr_Chicago_2h H8STM136
S4329	0.07	15.00	35.00	3.0900	Red_Deer_5yr_Chicago_2h H8STM136
S433	0.09	15.00	35.00	3.7700	Red_Deer_5yr_Chicago_2h J362
S4330	0.05	10.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h I8STM102
S4332	0.04	10.00	50.00	3.6200	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4334	0.11	15.00	35.00	3.1400	Red_Deer_5yr_Chicago_2h I8STM152
S4335	0.06	10.00	50.00	3.3500	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4336	0.10	15.00	35.00	2.5100	Red_Deer_5yr_Chicago_2h I8STM103
S4338	0.04	10.00	50.00	3.3000	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4340	0.06	15.00	35.00	2.8800	Red_Deer_5yr_Chicago_2h H8STM135
S4341	0.04	10.00	50.00	3.3800	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4342	0.04	10.00	50.00	2.5400	Red_Deer_5yr_Chicago_2h J8STM120
S4343	0.04	10.00	50.00	2.3200	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4344	0.04	10.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4345	0.04	10.00	50.00	3.3300	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4346	0.06	15.00	35.00	2.3000	Red_Deer_5yr_Chicago_2h H8STM135
S4347	0.05	10.00	50.00	3.2000	Red_Deer_5yr_Chicago_2h I8STM102
S4348	0.06	15.00	35.00	3.1300	Red_Deer_5yr_Chicago_2h H8STM135
S4352	0.13	21.53	70.00	2.3900	Red_Deer_5yr_Chicago_2h CULV5252
S4353	0.40	38.17	70.00	2.7100	Red_Deer_5yr_Chicago_2h CULV5260
S4354	0.40	38.17	70.00	2.6800	Red_Deer_5yr_Chicago_2h CULV5262
S4355	0.07	10.00	50.00	4.0200	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4356	0.07	15.00	35.00	2.3100	Red_Deer_5yr_Chicago_2h I8STM130
S4357	0.40	38.12	70.00	3.4800	Red_Deer_5yr_Chicago_2h CULV5263
S4358	0.81	53.98	70.00	2.5100	Red_Deer_5yr_Chicago_2h CULV5263
S4359	0.40	38.16	80.00	3.0600	Red_Deer_5yr_Chicago_2h CULV5307
S4360	0.40	38.17	80.00	2.7500	Red_Deer_5yr_Chicago_2h CULV5307
S4361	0.40	38.17	80.00	2.3100	Red_Deer_5yr_Chicago_2h CULV5306
S4362	0.40	37.95	80.00	2.3100	Red_Deer_5yr_Chicago_2h CULV5306
S4363	0.40	37.95	80.00	2.9200	Red_Deer_5yr_Chicago_2h CULV5315
S4364	0.40	38.00	80.00	3.0200	Red_Deer_5yr_Chicago_2h CULV5314
S4365	0.40	38.02	70.00	2.6700	Red_Deer_5yr_Chicago_2h CULV5314
S4367	0.06	15.00	35.00	2.9800	Red_Deer_5yr_Chicago_2h H8STM135
S4368	0.06	15.00	35.00	2.5400	Red_Deer_5yr_Chicago_2h H8STM135
S4369	0.05	10.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h I8STM102
S4371	1.20	95.00	70.00	2.4700	Red_Deer_5yr_Chicago_2h J8STM119
S4374	0.07	15.00	35.00	2.6800	Red_Deer_5yr_Chicago_2h H8STM136
S4375	0.07	15.00	35.00	2.8800	Red_Deer_5yr_Chicago_2h I8STM130
S4381	0.07	15.00	35.00	3.1100	Red_Deer_5yr_Chicago_2h I8STM152
S4384	0.47	41.24	65.00	3.8900	Red_Deer_5yr_Chicago_2h OF1
S4387	0.06	15.00	35.00	3.0800	Red_Deer_5yr_Chicago_2h I8STM130

S4390	0.05	10.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h I8STM102
S4393	0.05	10.00	50.00	3.4900	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4396	0.08	15.00	35.00	2.3300	Red_Deer_5yr_Chicago_2h I8STM152
S4398	0.05	10.00	50.00	2.6800	Red_Deer_5yr_Chicago_2h I8STM128
S4399	0.06	15.00	35.00	2.4700	Red_Deer_5yr_Chicago_2h H8STM135
S44	0.46	10.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h J479
S4404	0.06	15.00	35.00	2.6700	Red_Deer_5yr_Chicago_2h I8STM152
S4405	0.06	15.00	35.00	2.5600	Red_Deer_5yr_Chicago_2h I8STM130
S4408	0.08	15.00	35.00	2.6700	Red_Deer_5yr_Chicago_2h H8STM135
S4414	0.05	10.00	50.00	2.7600	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4416	0.06	15.00	35.00	2.8000	Red_Deer_5yr_Chicago_2h I8STM130
S4418	0.09	15.00	35.00	2.7300	Red_Deer_5yr_Chicago_2h H8STM135
S4419	0.05	10.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h I8STM128
S4420	0.09	11.49	65.00	4.2200	Red_Deer_5yr_Chicago_2h J52
S4423	1.86	68.13	5.00	6.9200	Red_Deer_5yr_Chicago_2h J358
S4425	0.06	10.00	50.00	3.4800	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4426	0.06	15.00	35.00	3.0700	Red_Deer_5yr_Chicago_2h I8STM130
S4428	0.09	15.00	35.00	3.0400	Red_Deer_5yr_Chicago_2h I8STM152
S4467	0.05	10.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4468	0.04	10.00	50.00	2.8000	Red_Deer_5yr_Chicago_2h J8STM120
S4469	0.04	10.00	50.00	2.9000	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4470	0.04	10.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4471	0.04	10.00	50.00	2.9500	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4472	0.03	10.00	50.00	3.4200	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4473	0.04	10.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4474	0.04	10.00	50.00	2.8700	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4475	0.06	10.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4477	0.05	15.00	35.00	2.9000	Red_Deer_5yr_Chicago_2h H8STM135
S4480	0.70	95.00	70.00	2.9700	Red_Deer_5yr_Chicago_2h J8STM120
S4481	0.05	15.00	35.00	3.0000	Red_Deer_5yr_Chicago_2h H8STM135
S4483	0.05	10.00	50.00	2.9800	Red_Deer_5yr_Chicago_2h I8STM128
S4485	0.05	15.00	35.00	3.1200	Red_Deer_5yr_Chicago_2h I8STM130
S4489	0.07	15.00	35.00	2.4300	Red_Deer_5yr_Chicago_2h I8STM152
S4492	0.08	15.00	35.00	2.7900	Red_Deer_5yr_Chicago_2h H8STM135
S4493	0.06	15.00	35.00	2.9700	Red_Deer_5yr_Chicago_2h I8STM130
S4495	0.06	15.00	35.00	2.4300	Red_Deer_5yr_Chicago_2h H8STM135
S45	0.69	11.83	65.00	3.5300	Red_Deer_5yr_Chicago_2h J354
S4502	0.06	15.00	35.00	2.8800	Red_Deer_5yr_Chicago_2h I8STM152
S4503	0.05	10.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4505	0.04	10.00	50.00	2.6600	Red_Deer_5yr_Chicago_2h I8STM128
S4506	0.04	10.00	50.00	3.9700	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4507	0.06	15.00	35.00	2.7700	Red_Deer_5yr_Chicago_2h H8STM135
S4511	0.06	15.00	35.00	2.6200	Red_Deer_5yr_Chicago_2h I8STM152
S4512	0.06	15.00	35.00	2.4200	Red_Deer_5yr_Chicago_2h I8STM130
S4514	0.06	15.00	35.00	3.1800	Red_Deer_5yr_Chicago_2h H8STM135
S4517	0.04	10.00	50.00	2.8000	Red_Deer_5yr_Chicago_2h I8STM128
S4521	0.06	15.00	35.00	3.0700	Red_Deer_5yr_Chicago_2h I8STM152
S4524	0.05	10.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4526	0.04	10.00	50.00	3.2300	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4527	0.06	15.00	35.00	2.1200	Red_Deer_5yr_Chicago_2h I8STM130
S4529	0.05	10.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h I7STM128
S4531	0.06	15.00	35.00	2.8800	Red_Deer_5yr_Chicago_2h I8STM152
S4532	0.06	15.00	35.00	2.8300	Red_Deer_5yr_Chicago_2h H8STM134
S4536	0.10	15.00	35.00	3.5700	Red_Deer_5yr_Chicago_2h H8STM134
S4540	0.04	10.00	50.00	2.5300	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4542	0.04	10.00	50.00	3.0700	Red_Deer_5yr_Chicago_2h I7STM128
S4543	0.05	10.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4546	0.07	10.00	50.00	3.1900	Red_Deer_5yr_Chicago_2h J7STM122
S4547	0.05	10.00	50.00	2.6800	Red_Deer_5yr_Chicago_2h J7STM122
S4549	0.04	10.00	50.00	2.7300	Red_Deer_5yr_Chicago_2h J7STM122
S4552	0.05	15.00	35.00	2.8100	Red_Deer_5yr_Chicago_2h H8STM134
S4553	0.04	10.00	50.00	3.3000	Red_Deer_5yr_Chicago_2h J7STM122
S4554	0.04	10.00	50.00	4.1300	Red_Deer_5yr_Chicago_2h J7STM122
S4555	0.05	10.00	50.00	3.1000	Red_Deer_5yr_Chicago_2h J7STM122
S4556	0.05	10.00	50.00	3.4000	Red_Deer_5yr_Chicago_2h J7STM122
S4558	0.04	10.00	50.00	2.2700	Red_Deer_5yr_Chicago_2h I7STM128
S4559	0.05	10.00	50.00	3.6700	Red_Deer_5yr_Chicago_2h J7STM122
S4560	0.04	10.00	50.00	3.3600	Red_Deer_5yr_Chicago_2h J7STM122
S4561	0.04	10.00	50.00	2.6700	Red_Deer_5yr_Chicago_2h J7STM122
S4562	0.04	10.00	50.00	2.6800	Red_Deer_5yr_Chicago_2h J7STM122
S4563	0.07	15.00	35.00	3.4800	Red_Deer_5yr_Chicago_2h H7STM133
S4596	0.99	37.29	65.00	2.4300	Red_Deer_5yr_Chicago_2h J78
S4598	0.04	10.00	50.00	2.3900	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4599	0.04	10.00	50.00	2.3300	Red_Deer_5yr_Chicago_2h I7STM128
S46	0.40	9.76	65.00	3.3000	Red_Deer_5yr_Chicago_2h J374

S4600	0.10	10.00	50.00	4.2900	Red_Deer_5yr_Chicago_2h J7STM122
S4603	0.05	10.00	50.00	2.6200	Red_Deer_5yr_Chicago_2h I8STM128
S4606	0.06	15.00	35.00	2.8800	Red_Deer_5yr_Chicago_2h I8STM132
S4607	0.05	15.00	35.00	3.2600	Red_Deer_5yr_Chicago_2h H8STM134
S4609	0.08	15.00	35.00	2.3300	Red_Deer_5yr_Chicago_2h H7STM133
S4614	0.04	10.00	50.00	2.3200	Red_Deer_5yr_Chicago_2h I7STM128
S4620	0.06	10.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h I7STM129
S4621	0.04	10.00	50.00	2.6600	Red_Deer_5yr_Chicago_2h J7STM122
S4623	0.07	10.13	65.00	3.7700	Red_Deer_5yr_Chicago_2h G7STM261
S4626	0.05	15.00	35.00	2.9000	Red_Deer_5yr_Chicago_2h I8STM130
S4627	0.05	10.00	50.00	2.6900	Red_Deer_5yr_Chicago_2h I8STM128
S4628	0.05	15.00	35.00	2.8300	Red_Deer_5yr_Chicago_2h HPMH44
S4632	0.05	10.00	50.00	3.4800	Red_Deer_5yr_Chicago_2h J7STM122
S4637	0.07	10.07	65.00	4.4700	Red_Deer_5yr_Chicago_2h G7STM261
S4641	0.06	15.00	35.00	3.2100	Red_Deer_5yr_Chicago_2h HPMH44
S4642	0.04	10.00	50.00	2.5800	Red_Deer_5yr_Chicago_2h J7STM109
S4643	0.05	15.00	35.00	2.4000	Red_Deer_5yr_Chicago_2h I8STM130
S4646	0.06	10.00	50.00	2.6800	Red_Deer_5yr_Chicago_2h I7STM128
S4652	0.87	10.00	50.00	5.6400	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4654	0.05	15.00	35.00	2.5900	Red_Deer_5yr_Chicago_2h H7STM133
S4655	0.04	10.00	50.00	2.6800	Red_Deer_5yr_Chicago_2h J7STM109
S4674	0.05	15.00	35.00	2.6100	Red_Deer_5yr_Chicago_2h H7STM133
S4675	0.05	10.00	50.00	2.7100	Red_Deer_5yr_Chicago_2h I7STM125
S47	1.04	75.00	70.00	3.7100	Red_Deer_5yr_Chicago_2h I11STM154
S4700	0.04	10.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h I7STM125
S4701	0.06	10.00	50.00	2.4100	Red_Deer_5yr_Chicago_2h I7STM128
S4706	0.04	10.00	50.00	2.7700	Red_Deer_5yr_Chicago_2h I7STM125
S4707	0.04	10.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h J7STM109
S4708	0.04	10.00	50.00	2.5900	Red_Deer_5yr_Chicago_2h J7STM122
S4710	0.04	10.00	50.00	2.5000	Red_Deer_5yr_Chicago_2h J7STM122
S4711	0.04	10.00	50.00	3.1000	Red_Deer_5yr_Chicago_2h I7STM125
S4712	0.04	10.00	50.00	2.4400	Red_Deer_5yr_Chicago_2h J7STM122
S4713	0.05	10.00	50.00	1.9200	Red_Deer_5yr_Chicago_2h I7STM128
S4714	0.04	10.00	50.00	2.2600	Red_Deer_5yr_Chicago_2h J7STM122
S4716	0.04	10.00	50.00	2.8500	Red_Deer_5yr_Chicago_2h I7STM125
S4718	0.04	10.00	50.00	2.6700	Red_Deer_5yr_Chicago_2h J7STM122
S4720	0.04	10.00	50.00	2.8000	Red_Deer_5yr_Chicago_2h J7STM122
S4722	0.04	10.00	50.00	2.8500	Red_Deer_5yr_Chicago_2h I7STM125
S4723	0.04	10.00	50.00	2.2900	Red_Deer_5yr_Chicago_2h J7STM122
S4725	0.04	10.00	50.00	3.0700	Red_Deer_5yr_Chicago_2h J7STM122
S4730	0.04	10.00	50.00	2.7900	Red_Deer_5yr_Chicago_2h I7STM125
S4731	0.04	10.00	50.00	3.0700	Red_Deer_5yr_Chicago_2h J7STM122
S4732	0.05	10.00	50.00	2.1400	Red_Deer_5yr_Chicago_2h I7STM129
S4734	0.08	10.00	50.00	3.4000	Red_Deer_5yr_Chicago_2h J7STM122
S4735	0.04	10.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h J7STM122
S4736	0.04	10.00	50.00	2.5200	Red_Deer_5yr_Chicago_2h J7STM110
S4740	0.04	10.00	50.00	2.9200	Red_Deer_5yr_Chicago_2h J7STM123
S4741	0.06	10.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h J7STM122
S4742	0.04	10.00	50.00	2.7000	Red_Deer_5yr_Chicago_2h J7STM110
S4745	0.05	10.00	50.00	2.1400	Red_Deer_5yr_Chicago_2h I7STM129
S4746	0.04	10.00	50.00	2.0900	Red_Deer_5yr_Chicago_2h J7STM110
S4747	0.12	10.00	50.00	3.1500	Red_Deer_5yr_Chicago_2h J7STM122
S4748	0.07	10.08	65.00	4.1100	Red_Deer_5yr_Chicago_2h J389
S4751	0.04	10.00	50.00	2.3900	Red_Deer_5yr_Chicago_2h J7STM109
S4755	0.04	10.00	50.00	2.9300	Red_Deer_5yr_Chicago_2h J7STM109
S4757	0.04	10.00	50.00	3.1800	Red_Deer_5yr_Chicago_2h I7STM129
S4760	0.05	10.00	50.00	2.6400	Red_Deer_5yr_Chicago_2h J7STM109
S4761	0.04	10.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h J7STM123
S4765	0.07	10.06	65.00	3.5700	Red_Deer_5yr_Chicago_2h J389
S4766	0.05	10.00	50.00	2.5000	Red_Deer_5yr_Chicago_2h I7STM129
S4774	0.11	10.00	50.00	2.3200	Red_Deer_5yr_Chicago_2h I7STM125
S4775	0.04	10.00	50.00	3.1000	Red_Deer_5yr_Chicago_2h J7STM110
S4776	0.07	10.09	65.00	3.5900	Red_Deer_5yr_Chicago_2h J389
S4779	0.05	10.00	50.00	1.9000	Red_Deer_5yr_Chicago_2h I7STM125
S4783	0.05	10.00	50.00	1.8600	Red_Deer_5yr_Chicago_2h I7STM125
S4786	0.05	10.00	50.00	2.6500	Red_Deer_5yr_Chicago_2h HPMH9
S4793	0.07	10.07	65.00	2.9000	Red_Deer_5yr_Chicago_2h J389
S4794	0.04	10.00	50.00	3.0800	Red_Deer_5yr_Chicago_2h HPMH9
S4797	0.04	10.00	50.00	1.9000	Red_Deer_5yr_Chicago_2h I7STM125
S4798	0.04	10.00	50.00	3.0800	Red_Deer_5yr_Chicago_2h HPMH9
S4801	0.04	10.00	50.00	2.8200	Red_Deer_5yr_Chicago_2h I7STM125
S4802	0.04	10.00	50.00	2.9900	Red_Deer_5yr_Chicago_2h HPMH9
S4808	0.04	10.00	50.00	2.4900	Red_Deer_5yr_Chicago_2h HPMH9
S4810	0.04	10.00	50.00	2.3400	Red_Deer_5yr_Chicago_2h I7STM125
S4820	0.04	10.00	50.00	2.6400	Red_Deer_5yr_Chicago_2h HPMH9

S4831	0.07	10.08	65.00	2.6500	Red_Deer_5yr_Chicago_2h J389
S4832	0.04	10.00	50.00	2.8600	Red_Deer_5yr_Chicago_2h I7STM125
S4842	0.04	10.00	50.00	2.3600	Red_Deer_5yr_Chicago_2h HPMH9
S4844	0.04	10.00	50.00	3.0100	Red_Deer_5yr_Chicago_2h I7STM125
S4845	0.05	10.00	50.00	2.4200	Red_Deer_5yr_Chicago_2h HPMH9
S4847	0.04	10.00	50.00	3.1000	Red_Deer_5yr_Chicago_2h I7STM125
S4848	0.04	10.00	50.00	1.7800	Red_Deer_5yr_Chicago_2h HPMH9
S4851	0.10	10.00	50.00	3.8300	Red_Deer_5yr_Chicago_2h HPMH9
S4852	0.04	10.00	50.00	2.2400	Red_Deer_5yr_Chicago_2h HPMH9
S4853	0.03	6.29	65.00	2.7600	Red_Deer_5yr_Chicago_2h J479
S4854	0.05	10.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h HPMH9
S4855	0.04	10.00	50.00	2.2600	Red_Deer_5yr_Chicago_2h HPMH9
S4856	0.04	10.00	50.00	2.6300	Red_Deer_5yr_Chicago_2h J7STM110
S4860	0.04	10.00	50.00	2.8000	Red_Deer_5yr_Chicago_2h J7STM110
S4864	0.04	10.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h J7STM110
S4866	0.04	10.00	50.00	2.8400	Red_Deer_5yr_Chicago_2h J7STM110
S4869	0.04	10.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h J7STM110
S4871	0.08	10.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h HPMH9
S4873	0.07	10.05	65.00	2.4100	Red_Deer_5yr_Chicago_2h J389
S4874	0.04	10.00	50.00	2.6700	Red_Deer_5yr_Chicago_2h J7STM110
S4876	0.05	10.00	50.00	2.8500	Red_Deer_5yr_Chicago_2h J7STM110
S4885	0.04	10.00	50.00	3.1000	Red_Deer_5yr_Chicago_2h J7STM110
S4887	0.25	30.23	70.00	3.0800	Red_Deer_5yr_Chicago_2h J4
S4888	0.04	10.00	50.00	2.7600	Red_Deer_5yr_Chicago_2h J7STM110
S4890	0.04	10.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h J7STM124
S4895	0.05	10.00	50.00	4.8400	Red_Deer_5yr_Chicago_2h HPMH9
S4900	0.04	10.00	50.00	2.1600	Red_Deer_5yr_Chicago_2h HPMH9
S4920	0.04	10.00	50.00	1.9600	Red_Deer_5yr_Chicago_2h HPMH9
S4934	0.04	10.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h HPMH9
S4957	0.04	10.00	50.00	2.8600	Red_Deer_5yr_Chicago_2h HPMH9
S4961	0.04	10.00	50.00	3.2300	Red_Deer_5yr_Chicago_2h HPMH9
S4965	0.04	10.00	50.00	2.3800	Red_Deer_5yr_Chicago_2h HPMH9
S4968	0.04	10.00	50.00	2.5400	Red_Deer_5yr_Chicago_2h HPMH9
S4971	0.04	10.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h HPMH9
S4973	0.04	10.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h HPMH9
S4974	0.25	30.23	70.00	2.6600	Red_Deer_5yr_Chicago_2h HPMH33
S4978	0.04	10.00	50.00	2.3800	Red_Deer_5yr_Chicago_2h HPMH9
S4980	0.04	10.00	50.00	2.8000	Red_Deer_5yr_Chicago_2h HPMH9
S4981	0.04	10.00	50.00	2.8400	Red_Deer_5yr_Chicago_2h HPMH9
S4986	0.04	10.00	50.00	4.8100	Red_Deer_5yr_Chicago_2h HPMH9
S4988	0.08	10.00	50.00	3.4200	Red_Deer_5yr_Chicago_2h HPMH9
S4990	0.06	10.00	50.00	3.3600	Red_Deer_5yr_Chicago_2h HPMH9
S4999	0.12	10.00	50.00	3.4800	Red_Deer_5yr_Chicago_2h HPMH9
S5	0.51	15.00	70.00	3.7000	Red_Deer_5yr_Chicago_2h D14STM244
S5005	0.25	30.23	70.00	2.7300	Red_Deer_5yr_Chicago_2h CULV5466
S5008	3.53	93.98	5.00	11.1800	Red_Deer_5yr_Chicago_2h J403
S5070	0.25	29.82	70.00	3.4000	Red_Deer_5yr_Chicago_2h CULV5466
S5096	0.05	8.00	50.00	3.5400	Red_Deer_5yr_Chicago_2h J485
S5114	0.05	8.00	50.00	2.8000	Red_Deer_5yr_Chicago_2h J485
S5127	0.05	8.00	50.00	3.4600	Red_Deer_5yr_Chicago_2h J485
S5141	0.05	8.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J485
S5143	0.51	42.84	70.00	5.9900	Red_Deer_5yr_Chicago_2h CULV5466
S5152	0.05	8.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h J482
S5155	0.05	8.00	50.00	3.1400	Red_Deer_5yr_Chicago_2h J485
S5166	0.05	8.00	50.00	2.6600	Red_Deer_5yr_Chicago_2h J482
S5168	5.21	136.91	70.00	2.8900	Red_Deer_5yr_Chicago_2h CULV5210
S5171	0.05	8.00	50.00	3.0600	Red_Deer_5yr_Chicago_2h J480
S5181	0.05	8.00	50.00	2.7000	Red_Deer_5yr_Chicago_2h J482
S5183	0.05	8.00	50.00	2.2400	Red_Deer_5yr_Chicago_2h J480
S5190	0.05	8.00	50.00	3.2800	Red_Deer_5yr_Chicago_2h J482
S5191	0.05	8.00	50.00	2.3100	Red_Deer_5yr_Chicago_2h J480
S5209	0.05	8.00	50.00	2.6700	Red_Deer_5yr_Chicago_2h J482
S5211	0.05	8.00	50.00	2.4400	Red_Deer_5yr_Chicago_2h J480
S5227	0.05	8.00	50.00	4.9300	Red_Deer_5yr_Chicago_2h J481
S5229	0.05	8.00	50.00	3.1300	Red_Deer_5yr_Chicago_2h J482
S5232	0.13	10.00	50.00	2.9500	Red_Deer_5yr_Chicago_2h J24
S5233	0.05	8.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h J185
S5235	0.05	8.00	50.00	3.6500	Red_Deer_5yr_Chicago_2h J481
S5236	0.05	8.00	50.00	3.4500	Red_Deer_5yr_Chicago_2h J482
S5239	0.26	30.71	70.00	2.6500	Red_Deer_5yr_Chicago_2h CULV5467
S5240	0.04	8.00	50.00	4.1600	Red_Deer_5yr_Chicago_2h J478
S5242	0.05	8.00	50.00	2.8200	Red_Deer_5yr_Chicago_2h J481
S5250	0.05	8.00	50.00	1.9100	Red_Deer_5yr_Chicago_2h J480
S5253	0.04	8.00	50.00	4.8000	Red_Deer_5yr_Chicago_2h J478
S5259	0.04	8.00	50.00	4.4100	Red_Deer_5yr_Chicago_2h J185

S5261	0.05	8.00	50.00	4.5900	Red_Deer_5yr_Chicago_2h J481
S5265	0.05	8.00	50.00	2.3300	Red_Deer_5yr_Chicago_2h J480
S5270	0.04	8.00	50.00	5.0000	Red_Deer_5yr_Chicago_2h J185
S5272	0.05	8.00	50.00	3.6800	Red_Deer_5yr_Chicago_2h J24
S5274	0.05	8.00	50.00	3.0900	Red_Deer_5yr_Chicago_2h J481
S5275	0.22	27.88	70.00	2.8000	Red_Deer_5yr_Chicago_2h CULV5467
S5276	0.05	8.00	50.00	3.0000	Red_Deer_5yr_Chicago_2h J185
S5279	0.04	8.00	50.00	5.4800	Red_Deer_5yr_Chicago_2h J185
S5285	0.05	8.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h J24
S5288	0.05	8.00	50.00	4.1200	Red_Deer_5yr_Chicago_2h J481
S5289	0.04	8.00	50.00	6.1000	Red_Deer_5yr_Chicago_2h J185
S5292	0.22	28.05	80.00	2.7900	Red_Deer_5yr_Chicago_2h CULV5210
S5293	0.27	30.99	80.00	3.9600	Red_Deer_5yr_Chicago_2h CULV5210
S5297	0.04	8.00	50.00	6.0100	Red_Deer_5yr_Chicago_2h J185
S5298	0.05	8.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h J481
S5304	0.05	8.00	50.00	2.8700	Red_Deer_5yr_Chicago_2h J482
S5305	0.56	44.74	80.00	4.3400	Red_Deer_5yr_Chicago_2h J5
S5308	0.04	8.00	50.00	5.5600	Red_Deer_5yr_Chicago_2h J185
S5309	0.05	8.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h J481
S5313	0.23	29.03	70.00	2.7700	Red_Deer_5yr_Chicago_2h CULV5467
S5316	0.05	8.00	50.00	3.2700	Red_Deer_5yr_Chicago_2h J189
S5318	0.04	8.00	50.00	7.6900	Red_Deer_5yr_Chicago_2h J188
S5322	0.05	8.00	50.00	2.8500	Red_Deer_5yr_Chicago_2h J481
S5323	0.04	8.00	50.00	3.4700	Red_Deer_5yr_Chicago_2h J188
S5327	0.05	8.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h J189
S5335	0.05	8.00	50.00	4.4900	Red_Deer_5yr_Chicago_2h J28
S5338	0.05	8.00	50.00	3.5200	Red_Deer_5yr_Chicago_2h J481
S5341	0.05	8.00	50.00	3.8600	Red_Deer_5yr_Chicago_2h J189
S5343	0.22	28.40	70.00	2.7500	Red_Deer_5yr_Chicago_2h CULV5210
S5345	0.05	8.00	50.00	3.8300	Red_Deer_5yr_Chicago_2h J28
S5346	0.44	39.83	80.00	3.6200	Red_Deer_5yr_Chicago_2h CULV5210
S5352	0.05	8.00	50.00	3.6900	Red_Deer_5yr_Chicago_2h J481
S5357	0.04	8.00	50.00	5.9000	Red_Deer_5yr_Chicago_2h J189
S5358	0.05	8.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h J28
S5360	0.04	8.00	50.00	5.4900	Red_Deer_5yr_Chicago_2h J189
S5361	0.05	8.00	50.00	3.1700	Red_Deer_5yr_Chicago_2h J190
S5369	0.50	42.47	80.00	3.6500	Red_Deer_5yr_Chicago_2h J5
S5373	0.04	8.00	50.00	5.1800	Red_Deer_5yr_Chicago_2h J189
S5374	0.05	8.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h J28
S5377	0.05	8.00	50.00	3.4200	Red_Deer_5yr_Chicago_2h J190
S5380	0.22	28.40	70.00	2.9900	Red_Deer_5yr_Chicago_2h CULV5210
S5381	0.04	8.00	50.00	7.1100	Red_Deer_5yr_Chicago_2h J190
S5383	0.05	8.00	50.00	3.3900	Red_Deer_5yr_Chicago_2h J28
S5390	0.05	8.00	50.00	3.1100	Red_Deer_5yr_Chicago_2h J28
S5393	0.05	8.00	50.00	2.9200	Red_Deer_5yr_Chicago_2h J190
S5394	0.04	8.00	50.00	4.9000	Red_Deer_5yr_Chicago_2h J190
S5398	0.05	8.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h J28
S5399	0.04	8.00	50.00	5.3300	Red_Deer_5yr_Chicago_2h J190
S5400	0.05	8.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h J214
S5410	0.43	39.55	80.00	3.4500	Red_Deer_5yr_Chicago_2h CULV5207
S5411	0.03	8.00	50.00	3.7600	Red_Deer_5yr_Chicago_2h J214
S5414	0.04	8.00	50.00	6.4700	Red_Deer_5yr_Chicago_2h J190
S5415	0.05	8.00	50.00	3.6700	Red_Deer_5yr_Chicago_2h J28
S5421	0.04	8.00	50.00	2.9600	Red_Deer_5yr_Chicago_2h J214
S5422	0.22	28.40	70.00	3.2100	Red_Deer_5yr_Chicago_2h CULV5207
S5424	0.04	8.00	50.00	5.4400	Red_Deer_5yr_Chicago_2h J190
S5430	0.05	8.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h J28
S5431	0.04	8.00	50.00	3.2600	Red_Deer_5yr_Chicago_2h J214
S5432	0.04	8.00	50.00	5.4800	Red_Deer_5yr_Chicago_2h J215
S5436	0.05	8.00	50.00	4.8900	Red_Deer_5yr_Chicago_2h J28
S5437	0.04	8.00	50.00	5.2300	Red_Deer_5yr_Chicago_2h J215
S5440	0.05	8.00	50.00	2.7800	Red_Deer_5yr_Chicago_2h J214
S5443	0.49	41.86	80.00	4.1000	Red_Deer_5yr_Chicago_2h J6
S5444_1	0.41	38.55	70.00	2.9300	Red_Deer_5yr_Chicago_2h HPMH51
S5444_2	0.90	56.98	70.00	2.6900	Red_Deer_5yr_Chicago_2h HPMH36
S5446	0.05	8.00	50.00	2.6100	Red_Deer_5yr_Chicago_2h J63
S5448	0.05	8.00	50.00	3.6600	Red_Deer_5yr_Chicago_2h J214
S5450	0.05	8.00	50.00	2.5900	Red_Deer_5yr_Chicago_2h J214
S5460	0.05	8.00	50.00	2.4900	Red_Deer_5yr_Chicago_2h J63
S5470	0.05	8.00	50.00	2.9800	Red_Deer_5yr_Chicago_2h J214
S5472	0.04	8.00	50.00	4.8800	Red_Deer_5yr_Chicago_2h J215
S5473	0.33	34.62	70.00	2.9500	Red_Deer_5yr_Chicago_2h CULV5207
S5477	0.05	8.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h J63
S5479	0.05	8.00	50.00	4.2400	Red_Deer_5yr_Chicago_2h J214
S5482	0.04	8.00	50.00	3.7100	Red_Deer_5yr_Chicago_2h J215

S5488	0.04	8.00	50.00	3.8200	Red_Deer_5yr_Chicago_2h J214
S5489	0.05	8.00	50.00	3.0600	Red_Deer_5yr_Chicago_2h J63
S5491	0.05	8.00	50.00	2.9200	Red_Deer_5yr_Chicago_2h J214
S5496	0.04	8.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h J214
S5497	0.07	10.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h J64
S5498	0.05	8.00	50.00	2.7700	Red_Deer_5yr_Chicago_2h J63
S5501	0.05	8.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h J63
S5502	0.05	8.00	50.00	3.2000	Red_Deer_5yr_Chicago_2h J214
S5504	0.04	8.00	50.00	4.1300	Red_Deer_5yr_Chicago_2h J214
S5508	0.05	8.00	50.00	2.9800	Red_Deer_5yr_Chicago_2h J63
S5509	1.32	35.54	70.00	2.5100	Red_Deer_5yr_Chicago_2h CULV5467
S5511	0.05	8.00	50.00	3.7200	Red_Deer_5yr_Chicago_2h J212
S5512	0.04	8.00	50.00	4.0700	Red_Deer_5yr_Chicago_2h J214
S5514	0.42	39.04	80.00	3.3700	Red_Deer_5yr_Chicago_2h J6
S5516	0.04	8.00	50.00	4.4500	Red_Deer_5yr_Chicago_2h J214
S5517	0.05	8.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h J63
S5529	0.05	8.00	50.00	2.3500	Red_Deer_5yr_Chicago_2h J212
S5533	0.04	8.00	50.00	5.1400	Red_Deer_5yr_Chicago_2h J214
S5542	0.05	8.00	50.00	4.3600	Red_Deer_5yr_Chicago_2h J63
S5543	0.05	8.00	50.00	2.5400	Red_Deer_5yr_Chicago_2h J212
S5549	0.05	8.00	50.00	4.4400	Red_Deer_5yr_Chicago_2h J63
S5550	0.51	42.92	70.00	2.2900	Red_Deer_5yr_Chicago_2h CULV5207
S5551	0.07	10.00	50.00	3.7500	Red_Deer_5yr_Chicago_2h J213
S5553	0.05	8.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h J212
S5554	0.05	8.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h J64
S5566	0.05	8.00	50.00	4.9400	Red_Deer_5yr_Chicago_2h J212
S5567	0.40	38.16	70.00	3.0700	Red_Deer_5yr_Chicago_2h Hewlett_Park_Wetland
S5568	0.29	32.58	70.00	2.3700	Red_Deer_5yr_Chicago_2h CULV5207
S5570	0.05	8.00	50.00	3.6100	Red_Deer_5yr_Chicago_2h J212
S5571	0.20	27.11	70.00	2.7700	Red_Deer_5yr_Chicago_2h CULV5440
S5572	0.05	8.00	50.00	3.3700	Red_Deer_5yr_Chicago_2h J64
S5574	0.05	8.00	50.00	4.0000	Red_Deer_5yr_Chicago_2h J212
S5578	0.04	8.00	50.00	3.5300	Red_Deer_5yr_Chicago_2h J213
S5579	0.55	44.31	70.00	4.0900	Red_Deer_5yr_Chicago_2h CULV5207
S5581	0.05	8.00	50.00	2.8300	Red_Deer_5yr_Chicago_2h J477
S5583	0.05	8.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h J212
S5584	0.04	8.00	50.00	7.9500	Red_Deer_5yr_Chicago_2h J213
S5585	0.43	39.13	80.00	2.8100	Red_Deer_5yr_Chicago_2h J6
S5588	0.22	28.10	70.00	2.7500	Red_Deer_5yr_Chicago_2h CULV5207
S5594	0.04	8.00	50.00	2.5500	Red_Deer_5yr_Chicago_2h J477
S5598	0.04	8.00	50.00	4.4600	Red_Deer_5yr_Chicago_2h J212
S5602	0.05	8.00	50.00	4.6900	Red_Deer_5yr_Chicago_2h J212
S5606	0.07	8.00	50.00	5.1200	Red_Deer_5yr_Chicago_2h J477
S5608	0.04	8.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h J212
S5620	1.45	60.13	5.00	4.6100	Red_Deer_5yr_Chicago_2h J5
S5621	0.05	8.00	50.00	3.6700	Red_Deer_5yr_Chicago_2h J212
S5622	0.08	8.00	50.00	2.6100	Red_Deer_5yr_Chicago_2h J65
S5624	0.04	8.00	50.00	3.9300	Red_Deer_5yr_Chicago_2h J212
S5627	0.04	8.00	50.00	3.2400	Red_Deer_5yr_Chicago_2h J65
S5628	0.05	8.00	50.00	3.0900	Red_Deer_5yr_Chicago_2h J477
S5630	0.04	8.00	50.00	7.3600	Red_Deer_5yr_Chicago_2h J212
S5632	0.30	32.80	70.00	2.4500	Red_Deer_5yr_Chicago_2h HPMH45
S5634	0.04	8.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h J477
S5635	0.04	8.00	50.00	5.1100	Red_Deer_5yr_Chicago_2h J212
S5637	0.05	8.00	50.00	4.3500	Red_Deer_5yr_Chicago_2h J477
S5639	0.20	26.95	70.00	2.5900	Red_Deer_5yr_Chicago_2h CULV5440
S5640	0.40	38.15	70.00	2.6600	Red_Deer_5yr_Chicago_2h CULV5440
S5641	0.44	39.84	70.00	2.6000	Red_Deer_5yr_Chicago_2h CULV5440
S5642	0.04	8.00	50.00	4.6300	Red_Deer_5yr_Chicago_2h J212
S5643	0.05	8.00	50.00	2.4900	Red_Deer_5yr_Chicago_2h J477
S5645	0.05	8.00	50.00	3.7900	Red_Deer_5yr_Chicago_2h J477
S5648	0.04	8.00	50.00	8.8000	Red_Deer_5yr_Chicago_2h J211
S5649	0.37	36.51	80.00	3.5300	Red_Deer_5yr_Chicago_2h J6
S5650	0.05	8.00	50.00	2.7500	Red_Deer_5yr_Chicago_2h J477
S5652	0.04	8.00	50.00	6.6200	Red_Deer_5yr_Chicago_2h J211
S5660	0.05	8.00	50.00	3.8400	Red_Deer_5yr_Chicago_2h J210
S5661	3.99	99.85	5.00	10.9900	Red_Deer_5yr_Chicago_2h J353
S5663	0.05	8.00	50.00	2.7300	Red_Deer_5yr_Chicago_2h J66
S5664	0.05	8.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h J477
S5667	0.05	8.00	50.00	5.4100	Red_Deer_5yr_Chicago_2h J210
S5670	0.05	8.00	50.00	3.4400	Red_Deer_5yr_Chicago_2h J66
S5671	0.05	8.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h J477
S5672	0.31	33.48	70.00	2.8700	Red_Deer_5yr_Chicago_2h HPMH46
S5674	0.54	44.16	70.00	2.5700	Red_Deer_5yr_Chicago_2h CULV5207

S5675	0.04	8.00	50.00	4.4500	Red_Deer_5yr_Chicago_2h J211
S5677	0.05	8.00	50.00	2.9500	Red_Deer_5yr_Chicago_2h J483
S5680	0.05	8.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h J208
S5681	0.04	8.00	50.00	5.2100	Red_Deer_5yr_Chicago_2h J211
S5685	0.05	8.00	50.00	3.5200	Red_Deer_5yr_Chicago_2h J483
S5687	0.04	8.00	50.00	4.9000	Red_Deer_5yr_Chicago_2h J210
S5688	0.05	8.00	50.00	3.4600	Red_Deer_5yr_Chicago_2h J210
S5689	0.40	38.18	70.00	3.4200	Red_Deer_5yr_Chicago_2h CULV5454
S5699	0.04	8.00	50.00	4.9900	Red_Deer_5yr_Chicago_2h J210
S5700	0.05	8.00	50.00	2.8500	Red_Deer_5yr_Chicago_2h J483
S5705	0.06	8.00	50.00	3.6500	Red_Deer_5yr_Chicago_2h J210
S5706	0.04	8.00	50.00	5.4100	Red_Deer_5yr_Chicago_2h J210
S5708	0.05	8.00	50.00	4.2100	Red_Deer_5yr_Chicago_2h J483
S5709	0.04	8.00	50.00	4.5100	Red_Deer_5yr_Chicago_2h J210
S5711	0.05	8.00	50.00	4.2000	Red_Deer_5yr_Chicago_2h J207
S5712	0.04	8.00	50.00	6.4900	Red_Deer_5yr_Chicago_2h J210
S5715	0.03	8.00	50.00	4.0900	Red_Deer_5yr_Chicago_2h J209
S5716	0.04	8.00	50.00	5.1900	Red_Deer_5yr_Chicago_2h J210
S5717	0.04	8.00	50.00	4.7400	Red_Deer_5yr_Chicago_2h J207
S5718	0.05	8.00	50.00	3.6000	Red_Deer_5yr_Chicago_2h J207
S5719	0.13	8.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h J483
S5720	0.10	8.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h J483
S5721	0.08	8.00	50.00	3.0700	Red_Deer_5yr_Chicago_2h J484
S5722	0.12	8.49	80.00	3.3300	Red_Deer_5yr_Chicago_2h J484
S5724	0.67	49.12	70.00	3.5300	Red_Deer_5yr_Chicago_2h CULV5445
S5725	0.29	32.30	70.00	3.2200	Red_Deer_5yr_Chicago_2h HPMH45
S5726	0.04	8.00	50.00	3.8200	Red_Deer_5yr_Chicago_2h J209
S5727	0.26	30.48	70.00	2.6700	Red_Deer_5yr_Chicago_2h HPMH45
S5728	0.38	37.19	70.00	3.7900	Red_Deer_5yr_Chicago_2h HPMH45
S5729	0.63	47.54	70.00	2.3000	Red_Deer_5yr_Chicago_2h HPMH46
S5731	0.47	41.30	70.00	3.3000	Red_Deer_5yr_Chicago_2h HPMH46
S5732	0.42	38.69	70.00	3.1000	Red_Deer_5yr_Chicago_2h J5
S5733	0.38	36.85	70.00	4.0800	Red_Deer_5yr_Chicago_2h J5
S5738_10	1.87	15.00	50.00	4.7700	Red_Deer_5yr_Chicago_2h HPMH42
S5738_11	1.07	51.59	5.00	7.1100	Red_Deer_5yr_Chicago_2h HPMH44
S5738_12	0.19	15.00	70.00	3.7300	Red_Deer_5yr_Chicago_2h HPMH15
S5738_13	0.23	15.00	70.00	2.4800	Red_Deer_5yr_Chicago_2h HPMH18
S5738_14	0.42	15.00	50.00	6.3600	Red_Deer_5yr_Chicago_2h HPMH13
S5738_15	0.18	15.00	70.00	2.4300	Red_Deer_5yr_Chicago_2h HPMH17
S5738_17	0.68	15.00	50.00	3.0900	Red_Deer_5yr_Chicago_2h HPMH17
S5738_18	0.49	15.00	50.00	3.1600	Red_Deer_5yr_Chicago_2h HPMH17
S5738_19	0.31	27.63	5.00	12.6800	Red_Deer_5yr_Chicago_2h HPMH2
S5738_2	0.16	15.00	70.00	2.6300	Red_Deer_5yr_Chicago_2h HPMH23
S5738_20	0.03	15.00	70.00	2.5200	Red_Deer_5yr_Chicago_2h HPMH6
S5738_3	0.52	15.00	50.00	3.8400	Red_Deer_5yr_Chicago_2h HPMH15
S5738_4	2.67	15.00	50.00	3.3600	Red_Deer_5yr_Chicago_2h HPMH12
S5738_5	0.38	15.00	50.00	4.4500	Red_Deer_5yr_Chicago_2h HPMH13
S5738_6	0.41	32.08	5.00	10.1400	Red_Deer_5yr_Chicago_2h HPMH36
S5738_7	0.68	15.00	50.00	3.2600	Red_Deer_5yr_Chicago_2h HPMH19
S5738_8	0.73	15.00	50.00	3.3800	Red_Deer_5yr_Chicago_2h HPMH23
S5738_9	0.13	15.00	70.00	2.3900	Red_Deer_5yr_Chicago_2h HPMH13
S5739	0.04	8.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h J209
S5758	0.07	10.00	50.00	3.3400	Red_Deer_5yr_Chicago_2h CULV5453
S5760	0.61	46.85	70.00	10.2900	Red_Deer_5yr_Chicago_2h HPMH45
S5761	0.63	47.62	70.00	9.5600	Red_Deer_5yr_Chicago_2h HPMH46
S5766	0.61	47.00	80.00	8.2000	Red_Deer_5yr_Chicago_2h J6
S5769	6.94	131.73	5.00	6.5600	Red_Deer_5yr_Chicago_2h J349
S5770	5.95	121.94	5.00	4.1500	Red_Deer_5yr_Chicago_2h J360
S5771	0.08	10.00	50.00	4.7500	Red_Deer_5yr_Chicago_2h J209
S5772	0.06	8.00	50.00	3.1800	Red_Deer_5yr_Chicago_2h J209
S5773	0.06	8.00	50.00	5.0300	Red_Deer_5yr_Chicago_2h J207
S5774	0.06	8.00	50.00	4.2300	Red_Deer_5yr_Chicago_2h J207
S5775	0.06	8.00	50.00	3.6800	Red_Deer_5yr_Chicago_2h J206
S5776	0.06	8.00	50.00	3.7200	Red_Deer_5yr_Chicago_2h J206
S5777	0.06	8.00	50.00	5.9500	Red_Deer_5yr_Chicago_2h J484
S5778	0.06	8.00	50.00	5.4800	Red_Deer_5yr_Chicago_2h J484
S5779	0.06	8.00	50.00	3.1800	Red_Deer_5yr_Chicago_2h J484
S5780	0.06	8.00	50.00	6.2500	Red_Deer_5yr_Chicago_2h J484
S5781	0.06	8.00	50.00	4.3200	Red_Deer_5yr_Chicago_2h J484
S5782	0.06	8.73	80.00	3.9300	Red_Deer_5yr_Chicago_2h J484
S5783	0.06	8.73	80.00	1.9400	Red_Deer_5yr_Chicago_2h J484
S5784	0.06	8.71	80.00	2.1200	Red_Deer_5yr_Chicago_2h J484
S5785	0.05	7.04	80.00	2.7100	Red_Deer_5yr_Chicago_2h J484
S5786	0.03	6.90	80.00	2.1000	Red_Deer_5yr_Chicago_2h CULV5453
S5787	0.22	15.87	80.00	2.6700	Red_Deer_5yr_Chicago_2h J18

S5788_2	2.15	190.30	5.00	6.8500	Red_Deer_5yr_Chicago_2h	J78
S5788_3	1.48	190.30	5.00	6.8500	Red_Deer_5yr_Chicago_2h	J80
S5791	0.07	15.00	35.00	6.8400	Red_Deer_5yr_Chicago_2h	CULV5447
S5793	0.05	15.00	35.00	4.6700	Red_Deer_5yr_Chicago_2h	CULV5447
S5794	0.05	15.00	35.00	4.0600	Red_Deer_5yr_Chicago_2h	CULV5447
S5795	0.05	15.00	35.00	3.7900	Red_Deer_5yr_Chicago_2h	CULV5447
S5796	0.21	15.81	80.00	3.5100	Red_Deer_5yr_Chicago_2h	CULV5447
S5797	0.06	15.00	35.00	3.4600	Red_Deer_5yr_Chicago_2h	CULV5447
S5798	0.07	15.00	35.00	4.7500	Red_Deer_5yr_Chicago_2h	CULV5447
S5800	0.06	15.00	35.00	3.5000	Red_Deer_5yr_Chicago_2h	CULV5447
S5801	0.07	15.00	35.00	4.3000	Red_Deer_5yr_Chicago_2h	CULV5447
S5802	0.10	15.00	35.00	2.6300	Red_Deer_5yr_Chicago_2h	CULV5447
S5804	0.08	15.00	35.00	4.4400	Red_Deer_5yr_Chicago_2h	CULV5447
S5806	0.08	15.00	35.00	3.9500	Red_Deer_5yr_Chicago_2h	CULV5447
S5808	0.07	15.00	35.00	3.4100	Red_Deer_5yr_Chicago_2h	CULV5447
S5809	0.12	15.00	35.00	3.1700	Red_Deer_5yr_Chicago_2h	CULV5447
S5811	0.08	15.00	35.00	4.1700	Red_Deer_5yr_Chicago_2h	CULV5447
S5812	0.07	15.00	35.00	2.6500	Red_Deer_5yr_Chicago_2h	CULV5447
S5813	0.12	15.00	35.00	3.8600	Red_Deer_5yr_Chicago_2h	CULV5447
S5826	0.10	15.00	35.00	3.9900	Red_Deer_5yr_Chicago_2h	CULV5447
S5827	0.07	15.00	35.00	3.8400	Red_Deer_5yr_Chicago_2h	CULV5447
S5829	0.08	15.00	35.00	4.6100	Red_Deer_5yr_Chicago_2h	CULV5447
S5830	0.06	15.00	35.00	5.2200	Red_Deer_5yr_Chicago_2h	CULV5447
S5833	0.07	15.00	35.00	4.2800	Red_Deer_5yr_Chicago_2h	CULV5447
S5835	0.04	15.00	35.00	5.5400	Red_Deer_5yr_Chicago_2h	CULV5447
S5836	0.08	15.00	35.00	3.8400	Red_Deer_5yr_Chicago_2h	CULV5447
S5838	0.07	15.00	35.00	4.9500	Red_Deer_5yr_Chicago_2h	CULV5447
S5840	0.09	15.00	35.00	4.0800	Red_Deer_5yr_Chicago_2h	CULV5447
S5841	0.07	15.00	35.00	3.8700	Red_Deer_5yr_Chicago_2h	CULV5447
S5842	0.09	15.00	35.00	3.4800	Red_Deer_5yr_Chicago_2h	CULV5447
S5845	0.07	15.00	35.00	4.0600	Red_Deer_5yr_Chicago_2h	CULV5447
S5846	0.09	15.00	35.00	2.5600	Red_Deer_5yr_Chicago_2h	CULV5447
S5848	0.07	15.00	35.00	5.0800	Red_Deer_5yr_Chicago_2h	CULV5447
S5850	0.09	15.00	35.00	4.1000	Red_Deer_5yr_Chicago_2h	CULV5447
S5851	2.02	71.13	5.00	4.4300	Red_Deer_5yr_Chicago_2h	J348
S5852	0.08	15.00	35.00	3.1900	Red_Deer_5yr_Chicago_2h	CULV5447
S5854	0.07	15.00	35.00	5.0400	Red_Deer_5yr_Chicago_2h	CULV5447
S5855	0.09	15.00	35.00	3.6200	Red_Deer_5yr_Chicago_2h	CULV5447
S5858	0.08	15.00	35.00	6.0700	Red_Deer_5yr_Chicago_2h	CULV5447
S5862	0.11	15.00	35.00	4.7700	Red_Deer_5yr_Chicago_2h	CULV5447
S5864	0.10	15.00	35.00	3.0800	Red_Deer_5yr_Chicago_2h	CULV5447
S5865	0.09	15.00	35.00	2.2000	Red_Deer_5yr_Chicago_2h	CULV5447
S5868	0.10	15.00	35.00	4.0200	Red_Deer_5yr_Chicago_2h	CULV5447
S5869	0.08	15.00	35.00	3.8000	Red_Deer_5yr_Chicago_2h	CULV5447
S5872	0.08	15.00	35.00	3.7800	Red_Deer_5yr_Chicago_2h	CULV5447
S5873	0.08	15.00	35.00	4.0100	Red_Deer_5yr_Chicago_2h	CULV5447
S5875	0.08	15.00	35.00	2.9500	Red_Deer_5yr_Chicago_2h	CULV5447
S5877	0.07	15.00	35.00	4.0100	Red_Deer_5yr_Chicago_2h	CULV5447
S5880	0.08	15.00	35.00	4.2800	Red_Deer_5yr_Chicago_2h	CULV5447
S5883	0.06	15.00	35.00	5.0800	Red_Deer_5yr_Chicago_2h	CULV5447
S5884	0.08	15.00	35.00	3.7700	Red_Deer_5yr_Chicago_2h	CULV5447
S5888	0.08	15.00	35.00	4.7500	Red_Deer_5yr_Chicago_2h	CULV5447
S5890	0.08	15.00	35.00	3.5300	Red_Deer_5yr_Chicago_2h	CULV5447
S5893	0.08	15.00	35.00	3.0300	Red_Deer_5yr_Chicago_2h	CULV5447
S5894	0.06	15.00	35.00	3.3900	Red_Deer_5yr_Chicago_2h	CULV5447
S5898	0.07	15.00	35.00	3.5800	Red_Deer_5yr_Chicago_2h	CULV5447
S5899	0.07	15.00	35.00	2.7800	Red_Deer_5yr_Chicago_2h	CULV5447
S5903	0.07	15.00	35.00	3.2800	Red_Deer_5yr_Chicago_2h	CULV5447
S5905	0.07	15.00	35.00	4.6400	Red_Deer_5yr_Chicago_2h	CULV5447
S5906	0.07	15.00	35.00	3.9600	Red_Deer_5yr_Chicago_2h	CULV5447
S5916	0.18	15.00	35.00	4.8200	Red_Deer_5yr_Chicago_2h	CULV5447
S5937	0.99	49.97	5.00	10.6700	Red_Deer_5yr_Chicago_2h	J90
S5939	5.66	118.96	5.00	5.9400	Red_Deer_5yr_Chicago_2h	J90
S5957	23.87	244.30	5.00	6.1900	Red_Deer_5yr_Chicago_2h	J348
S5964	18.18	253.52	5.00	3.7000	Red_Deer_5yr_Chicago_2h	J108
S5965	32.37	284.49	5.00	3.9900	Red_Deer_5yr_Chicago_2h	J348
S5971	29.74	272.68	5.00	3.1100	Red_Deer_5yr_Chicago_2h	J348
S5975_1	0.80	89.45	5.00	10.9900	Red_Deer_5yr_Chicago_2h	J85
S5975_2	4.76	218.22	5.00	11.0700	Red_Deer_5yr_Chicago_2h	J348
S6	0.23	15.00	70.00	4.1900	Red_Deer_5yr_Chicago_2h	J111
S6038	47.88	482.91	5.00	6.0500	Red_Deer_5yr_Chicago_2h	J108
S6040	32.07	10.00	5.00	5.5200	Red_Deer_5yr_Chicago_2h	J348
S6041	31.50	280.63	5.00	4.5200	Red_Deer_5yr_Chicago_2h	J348
S6199	0.25	15.00	70.00	3.5800	Red_Deer_5yr_Chicago_2h	J33
S6202	0.92	15.00	70.00	3.1600	Red_Deer_5yr_Chicago_2h	J36

S6203	0.67	15.00	70.00	2.7700	Red_Deer_5yr_Chicago_2h J46
S6204_2	0.40	15.00	70.00	3.2800	Red_Deer_5yr_Chicago_2h J52
S6283_1	0.13	15.00	70.00	3.8200	Red_Deer_5yr_Chicago_2h J109
S6283_2	0.58	15.00	70.00	3.4800	Red_Deer_5yr_Chicago_2h J422
S6284_1	2.63	15.00	60.00	6.8700	Red_Deer_5yr_Chicago_2h CULV5538
S6284_3	2.12	15.00	60.00	6.8700	Red_Deer_5yr_Chicago_2h CULV5537
S6303	0.08	15.00	70.00	4.2400	Red_Deer_5yr_Chicago_2h J98
S6304	0.12	15.00	70.00	3.3500	Red_Deer_5yr_Chicago_2h J98
S6305_1	0.49	15.00	70.00	3.5200	Red_Deer_5yr_Chicago_2h F14STM61
S6305_10	0.41	15.00	70.00	4.4800	Red_Deer_5yr_Chicago_2h J98
S6305_11	0.18	15.00	70.00	4.0000	Red_Deer_5yr_Chicago_2h G14STM75
S6305_12	0.46	15.00	70.00	3.4200	Red_Deer_5yr_Chicago_2h G14STM71
S6305_13	0.16	15.00	70.00	3.1800	Red_Deer_5yr_Chicago_2h G14STM64
S6305_17	0.25	15.00	70.00	4.2300	Red_Deer_5yr_Chicago_2h F14STM59
S6305_18	0.19	15.00	70.00	4.0700	Red_Deer_5yr_Chicago_2h F14STM60
S6305_19	0.18	15.00	70.00	3.8200	Red_Deer_5yr_Chicago_2h F14STM61
S6305_2	0.16	10.00	50.00	3.9400	Red_Deer_5yr_Chicago_2h G14STM63
S6305_20	0.14	15.00	70.00	3.3000	Red_Deer_5yr_Chicago_2h G14STM63
S6305_21	0.24	15.00	70.00	2.8400	Red_Deer_5yr_Chicago_2h G14STM67
S6305_22	0.19	15.00	70.00	2.9100	Red_Deer_5yr_Chicago_2h H14STM70
S6305_23	0.33	15.00	70.00	3.0500	Red_Deer_5yr_Chicago_2h J368
S6305_24	0.29	15.00	70.00	3.9900	Red_Deer_5yr_Chicago_2h G14STM74
S6305_3	1.22	15.00	70.00	4.8800	Red_Deer_5yr_Chicago_2h J109
S6305_4	0.21	15.00	70.00	3.9400	Red_Deer_5yr_Chicago_2h G14STM63
S6305_5	0.15	10.00	50.00	4.4700	Red_Deer_5yr_Chicago_2h F14STM60
S6305_6	0.16	15.00	70.00	3.0100	Red_Deer_5yr_Chicago_2h F14STM60
S6305_7	0.37	15.00	70.00	3.9400	Red_Deer_5yr_Chicago_2h F14STM271
S6305_8	0.15	15.00	70.00	3.1800	Red_Deer_5yr_Chicago_2h G14STM65
S6305_9	0.14	10.00	50.00	3.0100	Red_Deer_5yr_Chicago_2h F14STM59
S6318	1.23	15.00	70.00	3.6700	Red_Deer_5yr_Chicago_2h J428
S6318_1	0.14	15.00	70.00	3.7000	Red_Deer_5yr_Chicago_2h J428
S6318_12	0.09	15.00	70.00	4.0000	Red_Deer_5yr_Chicago_2h J428
S6318_13	0.11	15.00	70.00	5.1800	Red_Deer_5yr_Chicago_2h J428
S6318_14	0.73	15.00	70.00	4.4700	Red_Deer_5yr_Chicago_2h J116
S6318_2	0.66	15.00	70.00	3.3100	Red_Deer_5yr_Chicago_2h J428
S6318_3	1.11	15.00	70.00	3.4300	Red_Deer_5yr_Chicago_2h J428
S6318_4	0.17	15.00	70.00	4.8000	Red_Deer_5yr_Chicago_2h J428
S6318_6	0.17	15.00	70.00	4.3200	Red_Deer_5yr_Chicago_2h J428
S6318_7	0.11	15.00	70.00	4.2000	Red_Deer_5yr_Chicago_2h J428
S6318_8	0.17	15.00	70.00	4.1000	Red_Deer_5yr_Chicago_2h J428
S6318_9	0.09	15.00	70.00	3.7700	Red_Deer_5yr_Chicago_2h J428
S6319	0.45	15.00	70.00	2.7700	Red_Deer_5yr_Chicago_2h H14STM1518
S6319_1	0.09	15.00	70.00	4.4500	Red_Deer_5yr_Chicago_2h J440
S6319_10	0.31	15.00	70.00	4.2400	Red_Deer_5yr_Chicago_2h J441
S6319_12	0.09	15.00	70.00	4.5600	Red_Deer_5yr_Chicago_2h J440
S6319_13	0.17	15.00	70.00	3.4300	Red_Deer_5yr_Chicago_2h J101
S6319_14	0.09	15.00	70.00	3.7100	Red_Deer_5yr_Chicago_2h J119
S6319_15	0.31	15.00	70.00	3.2700	Red_Deer_5yr_Chicago_2h J493
S6319_16	0.31	15.00	70.00	4.3300	Red_Deer_5yr_Chicago_2h J441
S6319_17	0.09	15.00	70.00	4.0700	Red_Deer_5yr_Chicago_2h J119
S6319_18	0.31	15.00	70.00	2.9200	Red_Deer_5yr_Chicago_2h J510
S6319_19	0.24	15.00	70.00	4.4500	Red_Deer_5yr_Chicago_2h J510
S6319_2	0.24	15.00	70.00	4.5900	Red_Deer_5yr_Chicago_2h J115
S6319_20	0.54	15.00	70.00	4.0500	Red_Deer_5yr_Chicago_2h J119
S6319_21	0.23	15.00	70.00	3.0500	Red_Deer_5yr_Chicago_2h H11STM1499
S6319_22	0.09	15.00	70.00	2.9800	Red_Deer_5yr_Chicago_2h J121
S6319_23	0.24	15.00	70.00	4.4600	Red_Deer_5yr_Chicago_2h J441
S6319_24	0.09	15.00	70.00	3.2400	Red_Deer_5yr_Chicago_2h J510
S6319_25	0.09	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J510
S6319_26	0.23	15.00	70.00	4.4500	Red_Deer_5yr_Chicago_2h J123
S6319_27	0.31	15.00	70.00	3.6900	Red_Deer_5yr_Chicago_2h J499
S6319_28	0.96	15.00	70.00	3.5800	Red_Deer_5yr_Chicago_2h J98
S6319_29	0.26	15.00	70.00	2.7800	Red_Deer_5yr_Chicago_2h J102
S6319_3	0.08	15.00	70.00	5.0500	Red_Deer_5yr_Chicago_2h J119
S6319_30	0.11	15.00	70.00	3.5000	Red_Deer_5yr_Chicago_2h J101
S6319_31	0.31	15.00	70.00	3.1000	Red_Deer_5yr_Chicago_2h J122
S6319_32	0.09	15.00	70.00	3.6900	Red_Deer_5yr_Chicago_2h J123
S6319_33	0.31	15.00	70.00	3.2400	Red_Deer_5yr_Chicago_2h J510
S6319_34	0.09	15.00	70.00	3.7600	Red_Deer_5yr_Chicago_2h J510
S6319_35	0.31	15.00	70.00	3.4000	Red_Deer_5yr_Chicago_2h J120
S6319_36	0.09	15.00	70.00	3.5700	Red_Deer_5yr_Chicago_2h J120
S6319_4	0.24	15.00	70.00	4.4500	Red_Deer_5yr_Chicago_2h J120
S6319_5	0.45	15.00	70.00	3.9300	Red_Deer_5yr_Chicago_2h J114
S6319_6	0.09	15.00	70.00	4.2400	Red_Deer_5yr_Chicago_2h J116
S6319_7	0.09	15.00	70.00	4.9000	Red_Deer_5yr_Chicago_2h J441

S6319_8	0.31	15.00	70.00	3.2500	Red_Deer_5yr_Chicago_2h J119
S6319_9	0.67	15.00	70.00	4.4600	Red_Deer_5yr_Chicago_2h J98
S6321_10	0.98	15.00	70.00	3.0500	Red_Deer_5yr_Chicago_2h J76
S6321_11	1.57	15.00	70.00	3.2400	Red_Deer_5yr_Chicago_2h J358
S6321_12	0.13	15.00	70.00	2.2800	Red_Deer_5yr_Chicago_2h J358
S6321_13	0.15	15.00	70.00	3.3400	Red_Deer_5yr_Chicago_2h J358
S6321_14	0.26	15.00	70.00	3.8800	Red_Deer_5yr_Chicago_2h J441
S6321_15	0.23	15.00	70.00	3.6700	Red_Deer_5yr_Chicago_2h J119
S6321_16	0.47	15.00	70.00	3.0100	Red_Deer_5yr_Chicago_2h J510
S6321_17	0.48	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h 745
S6321_18	0.20	15.00	70.00	3.7800	Red_Deer_5yr_Chicago_2h J121
S6321_19	0.21	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h 732
S6321_2	0.14	15.00	70.00	4.0300	Red_Deer_5yr_Chicago_2h 741
S6321_20	0.32	15.00	70.00	4.5300	Red_Deer_5yr_Chicago_2h 748
S6321_21	0.31	15.00	70.00	4.5300	Red_Deer_5yr_Chicago_2h 752
S6321_22	0.10	15.00	70.00	4.5300	Red_Deer_5yr_Chicago_2h 751
S6321_23	0.15	15.00	70.00	3.0500	Red_Deer_5yr_Chicago_2h 746
S6321_3	0.21	15.00	70.00	3.8400	Red_Deer_5yr_Chicago_2h J116
S6321_4	0.20	15.00	70.00	4.0700	Red_Deer_5yr_Chicago_2h J440
S6321_5	0.18	15.00	70.00	4.5300	Red_Deer_5yr_Chicago_2h 749
S6321_6	0.12	15.00	70.00	3.1100	Red_Deer_5yr_Chicago_2h 755
S6321_7	0.13	15.00	70.00	3.7800	Red_Deer_5yr_Chicago_2h 751
S6321_8	0.12	15.00	70.00	3.1200	Red_Deer_5yr_Chicago_2h 754
S6321_9	0.39	15.00	70.00	3.2100	Red_Deer_5yr_Chicago_2h 752
S6323_1	0.06	15.00	70.00	8.6600	Red_Deer_5yr_Chicago_2h J140
S6323_2	2.01	70.88	5.00	10.4800	Red_Deer_5yr_Chicago_2h J104
S6323_3	1.06	79.61	5.00	8.6600	Red_Deer_5yr_Chicago_2h J143
S6323_5	1.42	79.61	5.00	8.6600	Red_Deer_5yr_Chicago_2h J529
S6324	5.16	113.59	5.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S6325_1	3.93	15.00	70.00	6.9600	Red_Deer_5yr_Chicago_2h HPMH16
S6325_2	4.21	15.00	70.00	6.9600	Red_Deer_5yr_Chicago_2h J529
S6326	0.63	15.00	70.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S6327	2.63	15.00	70.00	4.5600	Red_Deer_5yr_Chicago_2h J423
S6331	0.40	15.00	70.00	3.2100	Red_Deer_5yr_Chicago_2h J100
S6339_1	0.52	15.00	70.00	2.7500	Red_Deer_5yr_Chicago_2h J42
S6339_10	0.35	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J33
S6339_11	0.34	15.00	70.00	2.8500	Red_Deer_5yr_Chicago_2h J40
S6339_12	0.08	15.00	70.00	2.9800	Red_Deer_5yr_Chicago_2h J157
S6339_13	0.30	15.00	70.00	3.7600	Red_Deer_5yr_Chicago_2h J372
S6339_14	0.45	15.00	70.00	3.1500	Red_Deer_5yr_Chicago_2h J373
S6339_15	1.10	15.00	70.00	2.9300	Red_Deer_5yr_Chicago_2h J376
S6339_16	0.09	15.00	70.00	3.2300	Red_Deer_5yr_Chicago_2h J8
S6339_17	0.64	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J372
S6339_18	0.13	15.00	70.00	3.7200	Red_Deer_5yr_Chicago_2h J8
S6339_19	0.04	15.00	70.00	2.4400	Red_Deer_5yr_Chicago_2h J377
S6339_2	0.11	15.00	70.00	3.2400	Red_Deer_5yr_Chicago_2h J535
S6339_20	0.16	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h J351
S6339_21	0.63	15.00	70.00	3.2400	Red_Deer_5yr_Chicago_2h J374
S6339_22	0.17	15.00	70.00	2.3600	Red_Deer_5yr_Chicago_2h F9STM259
S6339_23	0.38	15.00	70.00	3.2400	Red_Deer_5yr_Chicago_2h J381
S6339_24	0.58	15.00	70.00	4.4500	Red_Deer_5yr_Chicago_2h G7STM261
S6339_25	0.54	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J356
S6339_26	0.72	15.00	70.00	3.1200	Red_Deer_5yr_Chicago_2h J356
S6339_27	0.06	15.00	70.00	3.3300	Red_Deer_5yr_Chicago_2h J381
S6339_28	0.23	15.00	70.00	2.7200	Red_Deer_5yr_Chicago_2h J381
S6339_29	0.07	15.00	70.00	3.5600	Red_Deer_5yr_Chicago_2h J381
S6339_3	0.34	15.00	70.00	2.8200	Red_Deer_5yr_Chicago_2h J8
S6339_30	0.39	15.00	70.00	2.7600	Red_Deer_5yr_Chicago_2h J381
S6339_31	0.04	15.00	70.00	3.6900	Red_Deer_5yr_Chicago_2h J389
S6339_32	0.07	15.00	70.00	2.7400	Red_Deer_5yr_Chicago_2h G7STM261
S6339_33	0.22	15.00	70.00	2.4000	Red_Deer_5yr_Chicago_2h G7STM261
S6339_34	0.58	15.00	70.00	3.1300	Red_Deer_5yr_Chicago_2h J473
S6339_35	0.06	15.00	70.00	3.3800	Red_Deer_5yr_Chicago_2h G7STM261
S6339_36	0.28	15.00	70.00	2.9200	Red_Deer_5yr_Chicago_2h G7STM261
S6339_37	0.05	15.00	70.00	3.0400	Red_Deer_5yr_Chicago_2h J389
S6339_38	0.05	15.00	70.00	2.8100	Red_Deer_5yr_Chicago_2h J389
S6339_39	0.23	15.00	70.00	2.7700	Red_Deer_5yr_Chicago_2h J389
S6339_4	0.43	15.00	70.00	2.7900	Red_Deer_5yr_Chicago_2h F9STM259
S6339_40	0.09	15.00	70.00	2.8700	Red_Deer_5yr_Chicago_2h J479
S6339_42	0.31	15.00	70.00	2.6800	Red_Deer_5yr_Chicago_2h J479
S6339_43	1.09	15.00	70.00	2.7900	Red_Deer_5yr_Chicago_2h J78
S6339_5	0.29	15.00	70.00	4.2300	Red_Deer_5yr_Chicago_2h J351
S6339_6	0.28	15.00	70.00	2.8200	Red_Deer_5yr_Chicago_2h J377
S6339_7	0.46	15.00	70.00	2.7900	Red_Deer_5yr_Chicago_2h J378
S6339_8	0.11	15.00	70.00	2.4000	Red_Deer_5yr_Chicago_2h G7STM261

S6339_9	1.12	15.00	70.00	3.0900	Red_Deer_5yr_Chicago_2h F9STM259
S6341_2	1.37	15.00	70.00	6.5600	Red_Deer_5yr_Chicago_2h CULV5354
S6341_3	2.87	15.00	70.00	6.5600	Red_Deer_5yr_Chicago_2h CULV5263
S6341_4	0.73	15.00	70.00	6.5600	Red_Deer_5yr_Chicago_2h CULV5385
S6342	3.86	15.00	70.00	4.9200	Red_Deer_5yr_Chicago_2h J17
S6345_1	1.15	15.00	70.00	3.3900	Red_Deer_5yr_Chicago_2h J106
S6345_3	0.66	15.00	70.00	3.2800	Red_Deer_5yr_Chicago_2h I11STM153
S6345_4	0.85	15.00	70.00	3.2400	Red_Deer_5yr_Chicago_2h J11STM155
S6346	0.33	15.00	70.00	2.2300	Red_Deer_5yr_Chicago_2h I8STM130
S6346_1	0.09	15.00	70.00	3.0700	Red_Deer_5yr_Chicago_2h I8STM131
S6346_10	0.10	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h J7STM110
S6346_11	0.08	15.00	70.00	3.3300	Red_Deer_5yr_Chicago_2h I8STM103
S6346_12	0.23	15.00	70.00	2.2800	Red_Deer_5yr_Chicago_2h I7STM125
S6346_13	0.13	15.00	70.00	3.1500	Red_Deer_5yr_Chicago_2h I9STM149
S6346_14	0.17	15.00	70.00	3.1100	Red_Deer_5yr_Chicago_2h I8STM151
S6346_15	0.20	15.00	70.00	2.5900	Red_Deer_5yr_Chicago_2h I8STM132
S6346_16	0.26	15.00	70.00	3.4600	Red_Deer_5yr_Chicago_2h I8STM142
S6346_17	0.28	15.00	70.00	2.4700	Red_Deer_5yr_Chicago_2h I8STM152
S6346_18	0.06	15.00	70.00	2.4100	Red_Deer_5yr_Chicago_2h HPMH6
S6346_19	0.19	15.00	70.00	2.6600	Red_Deer_5yr_Chicago_2h I8STM102
S6346_2	0.25	15.00	70.00	3.0800	Red_Deer_5yr_Chicago_2h I8STM111
S6346_20	0.10	15.00	70.00	3.3400	Red_Deer_5yr_Chicago_2h HPMH7
S6346_21	0.12	15.00	70.00	2.4100	Red_Deer_5yr_Chicago_2h J7STM109
S6346_22	0.81	15.00	70.00	3.2100	Red_Deer_5yr_Chicago_2h I9STM143
S6346_23	0.19	15.00	70.00	2.6400	Red_Deer_5yr_Chicago_2h HPMH10
S6346_24	0.14	15.00	70.00	2.9100	Red_Deer_5yr_Chicago_2h I8STM106
S6346_25	0.17	15.00	70.00	2.9800	Red_Deer_5yr_Chicago_2h HPMH33
S6346_26	0.15	15.00	70.00	2.5100	Red_Deer_5yr_Chicago_2h Hewlett_Park
S6346_27	0.15	15.00	70.00	2.5200	Red_Deer_5yr_Chicago_2h J10STM1873
S6346_28	0.30	15.00	70.00	2.3000	Red_Deer_5yr_Chicago_2h HPMH9
S6346_29	0.40	15.00	70.00	2.7500	Red_Deer_5yr_Chicago_2h J10STM1875
S6346_3	0.55	15.00	70.00	3.1200	Red_Deer_5yr_Chicago_2h J358
S6346_30	0.28	15.00	70.00	2.8800	Red_Deer_5yr_Chicago_2h J9STM1872
S6346_31	0.11	15.00	70.00	2.7100	Red_Deer_5yr_Chicago_2h I8STM141
S6346_32	0.23	15.00	70.00	2.9400	Red_Deer_5yr_Chicago_2h J9STM1871
S6346_33	0.18	15.00	70.00	2.2100	Red_Deer_5yr_Chicago_2h H8STM134
S6346_34	0.37	15.00	70.00	2.5500	Red_Deer_5yr_Chicago_2h I7STM128
S6346_35	0.40	15.00	70.00	3.3400	Red_Deer_5yr_Chicago_2h J8STM119
S6346_36	0.18	15.00	70.00	2.7300	Red_Deer_5yr_Chicago_2h J9STM114
S6346_37	0.12	15.00	70.00	2.1300	Red_Deer_5yr_Chicago_2h J8STM113
S6346_38	0.07	15.00	70.00	2.8400	Red_Deer_5yr_Chicago_2h J9STM116
S6346_39	0.10	15.00	70.00	2.6100	Red_Deer_5yr_Chicago_2h J9STM115
S6346_4	0.19	15.00	70.00	3.1800	Red_Deer_5yr_Chicago_2h H9STM138
S6346_40	0.14	15.00	70.00	2.6900	Red_Deer_5yr_Chicago_2h J344
S6346_41	0.28	15.00	70.00	2.3500	Red_Deer_5yr_Chicago_2h J8STM112
S6346_42	0.40	15.00	70.00	2.4400	Red_Deer_5yr_Chicago_2h J10STM1876
S6346_43	0.41	15.00	70.00	2.4500	Red_Deer_5yr_Chicago_2h J7STM122
S6346_44	0.11	15.00	70.00	2.3700	Red_Deer_5yr_Chicago_2h J7STM124
S6346_45	0.09	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h HPMH8
S6346_46	0.33	15.00	70.00	2.5400	Red_Deer_5yr_Chicago_2h I7STM125
S6346_47	0.10	15.00	70.00	3.4200	Red_Deer_5yr_Chicago_2h HPMH2
S6346_48	0.24	15.00	70.00	2.7000	Red_Deer_5yr_Chicago_2h Hewlett_Park
S6346_49	0.06	15.00	70.00	3.1000	Red_Deer_5yr_Chicago_2h J61
S6346_5	0.25	15.00	70.00	2.6400	Red_Deer_5yr_Chicago_2h I8STM140
S6346_50	0.14	15.00	70.00	2.8800	Red_Deer_5yr_Chicago_2h I10STM144
S6346_51	0.13	15.00	70.00	2.4500	Red_Deer_5yr_Chicago_2h I10STM146
S6346_52	0.38	15.00	70.00	2.5900	Red_Deer_5yr_Chicago_2h I9STM148
S6346_53	0.57	15.00	70.00	3.0700	Red_Deer_5yr_Chicago_2h J358
S6346_54	0.23	15.00	70.00	2.5100	Red_Deer_5yr_Chicago_2h J8STM120
S6346_55	0.23	15.00	70.00	2.4400	Red_Deer_5yr_Chicago_2h I11STM92
S6346_6	0.51	15.00	70.00	3.9700	Red_Deer_5yr_Chicago_2h J362
S6346_7	0.06	15.00	70.00	3.3600	Red_Deer_5yr_Chicago_2h J8STM118
S6346_9	0.07	15.00	70.00	2.6200	Red_Deer_5yr_Chicago_2h HPMH26
S6350_1	6.08	15.00	70.00	6.8700	Red_Deer_5yr_Chicago_2h J90
S6350_10	0.06	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h J483
S6350_3	1.83	15.00	70.00	6.3900	Red_Deer_5yr_Chicago_2h CULV5447
S6350_4	1.56	15.00	70.00	2.6000	Red_Deer_5yr_Chicago_2h J63
S6350_5	0.91	15.00	70.00	4.0400	Red_Deer_5yr_Chicago_2h CULV5447
S6350_6	0.86	15.00	70.00	6.1000	Red_Deer_5yr_Chicago_2h HPMH45
S6350_7	0.13	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h J484
S6350_8	1.27	15.00	70.00	3.6100	Red_Deer_5yr_Chicago_2h CULV5447
S6350_9	1.03	15.00	70.00	4.2300	Red_Deer_5yr_Chicago_2h HPMH45
S6351	5.38	15.00	70.00	7.0900	Red_Deer_5yr_Chicago_2h J348
S6352_10	0.33	15.00	70.00	3.2200	Red_Deer_5yr_Chicago_2h J482
S6352_11	0.06	15.00	70.00	3.0700	Red_Deer_5yr_Chicago_2h J210

S6352_12	0.24	15.00	70.00	3.1900	Red_Deer_5yr_Chicago_2h	J186
S6352_13	0.07	15.00	70.00	3.0700	Red_Deer_5yr_Chicago_2h	J477
S6352_14	0.07	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h	J481
S6352_15	0.07	15.00	70.00	2.7700	Red_Deer_5yr_Chicago_2h	J480
S6352_16	0.23	15.00	70.00	3.1900	Red_Deer_5yr_Chicago_2h	J485
S6352_2	0.06	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h	J190
S6352_3	0.34	15.00	70.00	3.1500	Red_Deer_5yr_Chicago_2h	J208
S6352_4	0.34	15.00	70.00	3.2400	Red_Deer_5yr_Chicago_2h	J211
S6352_5	0.13	15.00	70.00	3.0000	Red_Deer_5yr_Chicago_2h	J212
S6352_6	0.33	15.00	70.00	3.4100	Red_Deer_5yr_Chicago_2h	J213
S6352_7	0.13	15.00	70.00	3.0100	Red_Deer_5yr_Chicago_2h	J214
S6352_8	0.33	15.00	70.00	3.5600	Red_Deer_5yr_Chicago_2h	J215
S6352_9	0.06	15.00	70.00	2.7700	Red_Deer_5yr_Chicago_2h	J185
S6353_1	3.88	15.00	70.00	6.4600	Red_Deer_5yr_Chicago_2h	CULV5467
S6353_2	1.08	15.00	70.00	4.6300	Red_Deer_5yr_Chicago_2h	CULV5207
S6353_4	1.84	15.00	70.00	4.6300	Red_Deer_5yr_Chicago_2h	CULV5450
S6353_5	1.33	15.00	70.00	4.7600	Red_Deer_5yr_Chicago_2h	CULV5210
S6353_6	3.72	15.00	70.00	4.6300	Red_Deer_5yr_Chicago_2h	CULV5397
S6353_7	4.20	15.00	70.00	6.4600	Red_Deer_5yr_Chicago_2h	J2
S6354	0.56	15.00	70.00	3.4400	Red_Deer_5yr_Chicago_2h	J98
S6355	0.16	15.00	70.00	3.4900	Red_Deer_5yr_Chicago_2h	J98
S6356	0.40	15.00	70.00	2.9400	Red_Deer_5yr_Chicago_2h	H12STM1498
S6357	0.20	15.00	70.00	3.5900	Red_Deer_5yr_Chicago_2h	J100
S6359	0.08	15.00	35.00	3.5200	Red_Deer_5yr_Chicago_2h	J391
S6360	0.28	15.00	70.00	2.8300	Red_Deer_5yr_Chicago_2h	I14STM1521
S6361	0.30	15.00	70.00	2.6100	Red_Deer_5yr_Chicago_2h	H13STM1519
S6362	0.14	15.00	70.00	3.0900	Red_Deer_5yr_Chicago_2h	I13STM1525
S6363	1.07	15.00	70.00	2.6400	Red_Deer_5yr_Chicago_2h	I13STM1478
S6364	0.26	15.00	70.00	2.8600	Red_Deer_5yr_Chicago_2h	I12STM1483
S6365	0.34	15.00	70.00	3.1200	Red_Deer_5yr_Chicago_2h	I13STM1526
S6366	0.31	15.00	70.00	2.5700	Red_Deer_5yr_Chicago_2h	H13STM1532
S6367_1	0.31	15.00	70.00	2.6000	Red_Deer_5yr_Chicago_2h	I11STM153
S6367_2	0.22	15.00	70.00	2.6000	Red_Deer_5yr_Chicago_2h	J9
S6368	0.60	15.00	70.00	2.6000	Red_Deer_5yr_Chicago_2h	H12STM1492
S6369	0.39	15.00	70.00	2.5000	Red_Deer_5yr_Chicago_2h	I12STM1486
S6370	0.32	15.00	70.00	2.6400	Red_Deer_5yr_Chicago_2h	I13STM1474
S6371	0.46	15.00	70.00	2.7100	Red_Deer_5yr_Chicago_2h	I13STM1534
S6372	0.21	15.00	70.00	2.9300	Red_Deer_5yr_Chicago_2h	I13STM1496
S6373_1	0.17	15.00	70.00	2.9200	Red_Deer_5yr_Chicago_2h	H11STM1499
S6373_3	0.19	15.00	70.00	2.9200	Red_Deer_5yr_Chicago_2h	H12STM1506
S6373_4	0.32	15.00	70.00	2.9200	Red_Deer_5yr_Chicago_2h	I12STM1502
S6374	0.06	15.00	40.00	3.0000	Red_Deer_5yr_Chicago_2h	H11STM1499
S7	0.33	15.00	70.00	4.4500	Red_Deer_5yr_Chicago_2h	J110
S722	3.62	190.26	30.00	3.9900	Red_Deer_5yr_Chicago_2h	J529
S723	26.43	257.03	5.00	3.3900	Red_Deer_5yr_Chicago_2h	OF2
S733	0.06	15.00	35.00	4.6600	Red_Deer_5yr_Chicago_2h	G14STM76
S734	0.07	15.00	35.00	5.7000	Red_Deer_5yr_Chicago_2h	G14STM76
S779	0.06	15.00	35.00	6.2600	Red_Deer_5yr_Chicago_2h	G14STM71
S781	0.06	15.00	35.00	3.4800	Red_Deer_5yr_Chicago_2h	F14STM61
S782	0.06	15.00	35.00	6.9700	Red_Deer_5yr_Chicago_2h	H14STM69
S788	0.07	15.00	35.00	5.8700	Red_Deer_5yr_Chicago_2h	G14STM74
S793	0.07	15.00	35.00	4.2700	Red_Deer_5yr_Chicago_2h	F14STM61
S8	0.12	25.00	70.00	3.7700	Red_Deer_5yr_Chicago_2h	741
S8_1	4.43	84.38	80.00	2.6800	Red_Deer_5yr_Chicago_2h	J10STM1876
S8_2	1.36	140.63	80.00	2.6800	Red_Deer_5yr_Chicago_2h	I11STM92
S802	0.07	15.00	35.00	5.9300	Red_Deer_5yr_Chicago_2h	G14STM71
S805	0.06	15.00	35.00	4.5000	Red_Deer_5yr_Chicago_2h	G14STM75
S807	0.06	15.00	35.00	4.8400	Red_Deer_5yr_Chicago_2h	G14STM71
S808	0.06	15.00	35.00	3.5100	Red_Deer_5yr_Chicago_2h	F14STM61
S809	0.07	15.00	35.00	4.9800	Red_Deer_5yr_Chicago_2h	G14STM75
S813	0.06	15.00	35.00	5.4500	Red_Deer_5yr_Chicago_2h	G14STM71
S814	0.06	15.00	35.00	5.6900	Red_Deer_5yr_Chicago_2h	G14STM71
S815	0.06	15.00	35.00	4.5500	Red_Deer_5yr_Chicago_2h	F14STM61
S816	0.06	15.00	35.00	3.7800	Red_Deer_5yr_Chicago_2h	F14STM61
S817	0.06	15.00	35.00	4.1300	Red_Deer_5yr_Chicago_2h	F14STM61
S818	0.06	15.00	35.00	4.3000	Red_Deer_5yr_Chicago_2h	F14STM61
S819	0.08	15.00	35.00	5.7200	Red_Deer_5yr_Chicago_2h	H14STM69
S820	0.09	15.00	35.00	6.9100	Red_Deer_5yr_Chicago_2h	H14STM70
S823	0.08	15.00	35.00	5.6000	Red_Deer_5yr_Chicago_2h	G14STM71
S826	0.14	15.00	35.00	5.4700	Red_Deer_5yr_Chicago_2h	H14STM69
S828	0.10	15.00	35.00	4.2200	Red_Deer_5yr_Chicago_2h	F14STM61
S830	0.11	15.00	35.00	6.0000	Red_Deer_5yr_Chicago_2h	G14STM74
S831	0.12	15.00	35.00	5.0100	Red_Deer_5yr_Chicago_2h	G14STM74
S832	0.34	20.91	65.00	9.8600	Red_Deer_5yr_Chicago_2h	F14STM271
S833	0.13	15.00	35.00	4.4700	Red_Deer_5yr_Chicago_2h	F14STM61

S834	0.14	15.00	35.00	5.2600	Red_Deer_5yr_Chicago_2h G14STM71
S836	0.08	15.00	35.00	6.1000	Red_Deer_5yr_Chicago_2h H14STM70
S840	0.06	15.00	35.00	4.0600	Red_Deer_5yr_Chicago_2h G14STM71
S848	0.09	15.00	35.00	5.4000	Red_Deer_5yr_Chicago_2h H14STM70
S849	0.07	15.00	35.00	5.6100	Red_Deer_5yr_Chicago_2h H14STM69
S850	0.06	15.00	35.00	5.0800	Red_Deer_5yr_Chicago_2h G14STM75
S851	0.06	15.00	35.00	4.6500	Red_Deer_5yr_Chicago_2h F14STM61
S852	0.06	15.00	35.00	5.3600	Red_Deer_5yr_Chicago_2h G14STM74
S853	0.08	15.00	35.00	4.2700	Red_Deer_5yr_Chicago_2h G14STM74
S854	0.09	15.00	35.00	6.9600	Red_Deer_5yr_Chicago_2h H14STM69
S855	0.08	15.00	35.00	4.6100	Red_Deer_5yr_Chicago_2h G14STM75
S878	0.07	15.00	35.00	4.8300	Red_Deer_5yr_Chicago_2h H14STM69
S879	0.06	15.00	35.00	3.5800	Red_Deer_5yr_Chicago_2h G14STM71
S881	0.06	15.00	35.00	4.3300	Red_Deer_5yr_Chicago_2h G14STM75
S882	0.06	15.00	35.00	4.7400	Red_Deer_5yr_Chicago_2h F14STM61
S884	0.07	15.00	35.00	6.0500	Red_Deer_5yr_Chicago_2h G14STM75
S885	0.06	15.00	35.00	4.1400	Red_Deer_5yr_Chicago_2h G14STM74
S886	0.06	15.00	35.00	4.6400	Red_Deer_5yr_Chicago_2h G14STM71
S887	0.07	15.00	35.00	5.5500	Red_Deer_5yr_Chicago_2h I14STM1517
S895	0.14	15.00	35.00	6.4300	Red_Deer_5yr_Chicago_2h G14STM71
S898	0.08	15.00	35.00	5.0200	Red_Deer_5yr_Chicago_2h I14STM1517
S9	0.54	20.00	35.00	1.4100	Red_Deer_5yr_Chicago_2h I11STM92
S901	0.06	15.00	35.00	5.4700	Red_Deer_5yr_Chicago_2h H14STM69
S902	0.08	15.00	35.00	5.6900	Red_Deer_5yr_Chicago_2h G14STM74
S919	0.06	15.00	35.00	6.5100	Red_Deer_5yr_Chicago_2h I14STM1517
S92	0.61	15.00	35.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S927	0.08	15.00	35.00	5.5900	Red_Deer_5yr_Chicago_2h I14STM1517
S93	0.60	15.00	35.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S931	0.06	15.00	35.00	4.7200	Red_Deer_5yr_Chicago_2h G14STM75
S933	0.06	15.00	35.00	5.0600	Red_Deer_5yr_Chicago_2h F14STM61
S935	0.06	15.00	35.00	5.2500	Red_Deer_5yr_Chicago_2h G14STM71
S936	0.11	11.86	65.00	7.1000	Red_Deer_5yr_Chicago_2h J109
S940	0.06	15.00	35.00	5.1500	Red_Deer_5yr_Chicago_2h I14STM1517
S943	0.10	15.00	35.00	5.4700	Red_Deer_5yr_Chicago_2h F14STM61
S944	0.09	15.00	35.00	3.7400	Red_Deer_5yr_Chicago_2h F14STM61
S945	0.05	15.00	35.00	4.8900	Red_Deer_5yr_Chicago_2h F14STM61
S946	0.06	15.00	35.00	4.4300	Red_Deer_5yr_Chicago_2h F14STM61
S947	0.06	15.00	35.00	4.4700	Red_Deer_5yr_Chicago_2h F14STM61
S948	0.06	15.00	35.00	5.7000	Red_Deer_5yr_Chicago_2h F14STM61
S949	0.06	15.00	35.00	5.5400	Red_Deer_5yr_Chicago_2h F14STM61
S952	0.07	15.00	35.00	8.1500	Red_Deer_5yr_Chicago_2h G14STM71
S957	0.06	15.00	35.00	8.4300	Red_Deer_5yr_Chicago_2h H14STM69
S958	0.06	15.00	35.00	4.8100	Red_Deer_5yr_Chicago_2h G14STM71
S959	0.17	14.68	65.00	7.3800	Red_Deer_5yr_Chicago_2h F14STM271
S962	0.06	15.00	35.00	5.8500	Red_Deer_5yr_Chicago_2h I14STM1517
S969	0.10	15.00	35.00	6.4000	Red_Deer_5yr_Chicago_2h H14STM70
S976	0.06	15.00	35.00	5.0400	Red_Deer_5yr_Chicago_2h I14STM1517
S978	0.06	15.00	35.00	5.4900	Red_Deer_5yr_Chicago_2h G14STM75
S981	0.06	15.00	35.00	4.7900	Red_Deer_5yr_Chicago_2h F14STM61
S982	0.07	15.00	35.00	6.7900	Red_Deer_5yr_Chicago_2h G14STM71
S983	0.07	15.00	35.00	6.5400	Red_Deer_5yr_Chicago_2h H14STM70
S987	0.11	15.00	35.00	3.9100	Red_Deer_5yr_Chicago_2h J368
S989	0.06	15.00	35.00	5.5100	Red_Deer_5yr_Chicago_2h H14STM1518
S994	0.07	15.00	35.00	7.3300	Red_Deer_5yr_Chicago_2h H14STM70
S996	0.07	9.64	65.00	4.6100	Red_Deer_5yr_Chicago_2h J109
S998	0.06	15.00	35.00	6.2000	Red_Deer_5yr_Chicago_2h H14STM1518
S999	0.06	15.00	35.00	3.6900	Red_Deer_5yr_Chicago_2h F14STM61

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Node Summary
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Name	Invert Type	Max.	Ponded Elev.	External Depth	Area	Inflow
732	JUNCTION		942.41	2.31	0.0	
734	JUNCTION		941.14	1.87	0.0	
735	JUNCTION		940.79	2.58	0.0	
736	JUNCTION		941.65	2.08	0.0	
737	JUNCTION		940.71	1.33	0.0	
738	JUNCTION		940.62	1.70	0.0	
739	JUNCTION		941.35	1.97	0.0	
740	JUNCTION		941.90	1.24	0.0	
741	JUNCTION		941.26	1.66	0.0	
743	JUNCTION		940.29	1.67	0.0	

745	JUNCTION	940.17	1.96	0.0
746	JUNCTION	940.94	1.71	0.0
748	JUNCTION	943.08	2.27	0.0
749	JUNCTION	942.19	1.89	0.0
750	JUNCTION	941.91	2.82	0.0
751	JUNCTION	941.52	2.50	0.0
752	JUNCTION	941.66	3.08	0.0
753	JUNCTION	943.16	1.50	0.0
754	JUNCTION	941.55	2.47	0.0
755	JUNCTION	942.27	1.65	0.0
A11STM239	JUNCTION	947.66	4.69	0.0
A12STM48	JUNCTION	954.91	4.21	0.0
A12STM50	JUNCTION	952.99	3.92	0.0
A12STM51	JUNCTION	952.42	2.09	0.0
A12STM52	JUNCTION	950.17	4.64	0.0
A12STM53	JUNCTION	950.83	3.79	0.0
A12STM55	JUNCTION	949.55	4.24	0.0
A12STM56	JUNCTION	949.22	4.05	0.0
A12STM57	JUNCTION	947.83	4.16	0.0
A12STM58	JUNCTION	948.70	3.55	0.0
A13STM2271	JUNCTION	958.88	3.43	0.0
A13STM2272	JUNCTION	958.50	3.31	0.0
A13STM2273	JUNCTION	956.41	3.22	0.0
A13STM2274	JUNCTION	953.47	4.30	0.0
A13STM2275	JUNCTION	959.74	3.27	0.0
A13STM44	JUNCTION	959.65	1.98	0.0
A13STM45	JUNCTION	957.72	4.18	0.0
A13STM46	JUNCTION	956.74	5.26	0.0
A13STM49	JUNCTION	956.70	2.28	0.0
A13STM54	JUNCTION	951.71	4.46	0.0
A14STM25	JUNCTION	961.77	3.43	0.0
A14STM26	JUNCTION	961.57	2.87	0.0
A14STM27	JUNCTION	961.18	2.92	0.0
A14STM31	JUNCTION	961.60	2.99	0.0
A14STM32	JUNCTION	961.94	2.23	0.0
A14STM33	JUNCTION	962.12	2.78	0.0
A14STM34	JUNCTION	962.36	1.98	0.0
A15STM2	JUNCTION	969.58	2.07	0.0
A15STM3	JUNCTION	966.95	2.13	0.0
A15STM4	JUNCTION	964.11	4.24	0.0
A15STM5	JUNCTION	962.43	2.01	0.0
A15STM6	JUNCTION	962.28	5.51	0.0
A15STM691	JUNCTION	972.09	2.21	0.0
A15STM7	JUNCTION	963.45	1.75	0.0
A16STM687	JUNCTION	974.22	2.29	0.0
A16STM688	JUNCTION	972.96	2.30	0.0
A16STM689	JUNCTION	971.39	3.53	0.0
A17STM681	JUNCTION	979.24	1.85	0.0
A17STM682	JUNCTION	977.06	1.97	0.0
A5STM1	JUNCTION	948.14	2.22	0.0
A5STM158	JUNCTION	949.38	2.31	0.0
A5STM160	JUNCTION	949.82	2.34	0.0
A5STM161	JUNCTION	951.93	2.03	0.0
A6STM159	JUNCTION	948.03	2.07	0.0
A6STM162	JUNCTION	945.40	2.23	0.0
A6STM163	JUNCTION	946.17	1.64	0.0
A7STM165	JUNCTION	947.63	2.80	0.0
A7STM166	JUNCTION	945.59	3.22	0.0
B11STM231	JUNCTION	949.50	2.74	0.0
B11STM232	JUNCTION	950.51	2.17	0.0
B11STM233	JUNCTION	951.42	2.19	0.0
B11STM238	JUNCTION	947.67	5.09	0.0
B12STM220	JUNCTION	959.40	2.39	0.0
B12STM227	JUNCTION	957.06	4.08	0.0
B12STM228	JUNCTION	956.45	3.01	0.0
B12STM229	JUNCTION	953.05	3.13	0.0
B12STM230	JUNCTION	952.00	2.48	0.0
B13STM215	JUNCTION	962.30	2.19	0.0
B13STM216	JUNCTION	961.08	2.89	0.0
B13STM224	JUNCTION	960.01	2.84	0.0
B13STM225	JUNCTION	959.94	2.50	0.0
B13STM226	JUNCTION	957.84	4.30	0.0
B13STM240	JUNCTION	960.95	4.33	0.0
B13STM241	JUNCTION	962.60	3.06	0.0
B13STM242	JUNCTION	962.96	2.23	0.0

B13STM41	JUNCTION	959.01	4.08	0.0
B13STM42	JUNCTION	958.85	4.04	0.0
B13STM43	JUNCTION	958.38	4.09	0.0
B13STM47	JUNCTION	955.85	5.58	0.0
B14STM204	JUNCTION	969.36	2.39	0.0
B14STM214	JUNCTION	964.85	3.24	0.0
B14STM30	JUNCTION	959.64	3.53	0.0
B14STM35	JUNCTION	962.71	2.89	0.0
B14STM36	JUNCTION	964.06	2.77	0.0
B14STM37	JUNCTION	965.20	2.66	0.0
B14STM38	JUNCTION	965.76	2.47	0.0
B14STM39	JUNCTION	962.50	2.28	0.0
B14STM40	JUNCTION	962.74	1.79	0.0
B15STM10	JUNCTION	970.08	3.19	0.0
B15STM11	JUNCTION	970.18	2.90	0.0
B15STM12	JUNCTION	970.32	1.80	0.0
B15STM13	JUNCTION	968.93	3.22	0.0
B15STM14	JUNCTION	967.00	2.27	0.0
B15STM15	JUNCTION	966.40	2.21	0.0
B15STM16	JUNCTION	968.32	2.15	0.0
B15STM17	JUNCTION	970.53	2.11	0.0
B15STM18	JUNCTION	971.10	2.45	0.0
B15STM19	JUNCTION	971.46	2.81	0.0
B15STM195	JUNCTION	972.81	2.85	0.0
B15STM197	JUNCTION	973.34	2.35	0.0
B15STM199	JUNCTION	973.70	2.22	0.0
B15STM20	JUNCTION	971.64	2.10	0.0
B15STM21	JUNCTION	971.60	3.75	0.0
B15STM22	JUNCTION	971.75	1.80	0.0
B15STM24	JUNCTION	973.03	1.80	0.0
B15STM692	JUNCTION	967.74	5.80	0.0
B15STM8	JUNCTION	964.10	3.01	0.0
B15STM9	JUNCTION	970.33	2.01	0.0
B16STM192	JUNCTION	971.13	4.22	0.0
B16STM193	JUNCTION	970.53	3.27	0.0
B16STM194	JUNCTION	972.19	3.75	0.0
B16STM23	JUNCTION	972.93	2.91	0.0
B16STM671	JUNCTION	973.83	2.61	0.0
B16STM672	JUNCTION	974.85	3.45	0.0
B16STM674	JUNCTION	973.70	3.71	0.0
B16STM675	JUNCTION	973.48	3.11	0.0
B16STM678	JUNCTION	973.91	4.27	0.0
B16STM690	JUNCTION	970.30	2.15	0.0
B17STM1071	JUNCTION	976.49	4.81	0.0
B17STM1072	JUNCTION	977.03	4.39	0.0
B17STM1082	JUNCTION	977.34	3.88	0.0
B17STM1083	JUNCTION	977.55	3.51	0.0
B17STM673	JUNCTION	975.40	4.91	0.0
B17STM676	JUNCTION	978.64	1.97	0.0
B17STM677	JUNCTION	976.86	2.14	0.0
B17STM679	JUNCTION	978.78	2.31	0.0
B17STM680	JUNCTION	977.87	2.14	0.0
B17STM683	JUNCTION	975.74	2.39	0.0
B17STM684	JUNCTION	974.42	3.02	0.0
B17STM685	JUNCTION	974.85	2.41	0.0
B17STM686	JUNCTION	974.06	3.95	0.0
B18STM1084	JUNCTION	977.70	3.61	0.0
B6STM164	JUNCTION	943.84	1.52	0.0
B6STM173	JUNCTION	938.99	3.01	0.0
B6STM174	JUNCTION	938.91	2.34	0.0
B7STM167	JUNCTION	943.69	3.00	0.0
B7STM168	JUNCTION	940.55	2.92	0.0
B7STM169	JUNCTION	939.62	2.41	0.0
B7STM170	JUNCTION	940.06	2.25	0.0
B7STM171	JUNCTION	939.34	2.29	0.0
B7STM172	JUNCTION	939.09	2.40	0.0
B7STM175	JUNCTION	938.02	3.34	0.0
B7STM176	JUNCTION	939.60	1.50	0.0
B7STM177	JUNCTION	937.68	3.14	0.0
B7STM184	JUNCTION	938.37	2.83	0.0
B8STM190	JUNCTION	937.94	3.08	0.0
B8STM191	JUNCTION	939.15	2.96	0.0
C11STM234	JUNCTION	952.46	3.63	0.0
C11STM235	JUNCTION	953.42	4.33	0.0
C11STM236	JUNCTION	954.23	4.53	0.0

C11STM237	JUNCTION	956.11	4.34	0.0
C11STM257	JUNCTION	956.28	4.35	0.0
C11STM258	JUNCTION	957.11	5.64	0.0
C12STM221	JUNCTION	960.41	2.00	0.0
C12STM222	JUNCTION	961.06	2.11	0.0
C12STM223	JUNCTION	963.97	2.10	0.0
C12STM253	JUNCTION	960.02	9.35	0.0
C12STM254	JUNCTION	958.41	7.61	0.0
C12STM256	JUNCTION	958.20	7.42	0.0
C13STM217	JUNCTION	960.16	2.70	0.0
C13STM218	JUNCTION	960.25	2.04	0.0
C13STM219	JUNCTION	959.87	2.64	0.0
C13STM252	JUNCTION	962.18	7.16	0.0
C14STM205	JUNCTION	970.31	1.50	0.0
C14STM206	JUNCTION	971.43	2.12	0.0
C14STM207	JUNCTION	969.72	2.27	0.0
C14STM208	JUNCTION	969.45	2.90	0.0
C14STM209	JUNCTION	967.30	2.93	0.0
C14STM210	JUNCTION	967.09	3.19	0.0
C14STM211	JUNCTION	968.85	2.27	0.0
C14STM212	JUNCTION	968.35	2.36	0.0
C14STM213	JUNCTION	965.24	2.02	0.0
C15STM196	JUNCTION	974.69	2.05	0.0
C15STM198	JUNCTION	976.40	1.70	0.0
C15STM200	JUNCTION	974.45	2.37	0.0
C15STM201	JUNCTION	974.74	2.37	0.0
C15STM202	JUNCTION	975.12	3.23	0.0
C16STM1085	JUNCTION	975.66	3.55	0.0
C16STM1086	JUNCTION	977.14	2.30	0.0
C16STM1087	JUNCTION	976.25	3.67	0.0
C16STM1088	JUNCTION	976.01	3.68	0.0
C16STM1089	JUNCTION	976.49	3.15	0.0
C17STM1073	JUNCTION	977.96	2.95	0.0
C17STM1074	JUNCTION	977.34	3.49	0.0
C17STM1075	JUNCTION	978.08	2.78	0.0
C17STM1076	JUNCTION	978.47	2.31	0.0
C17STM1078	JUNCTION	978.94	1.41	0.0
C17STM1079	JUNCTION	978.61	1.69	0.0
C17STM1080	JUNCTION	978.36	2.69	0.0
C17STM1081	JUNCTION	978.84	1.52	0.0
C17STM1090	JUNCTION	977.23	3.61	0.0
C18STM1077	JUNCTION	978.93	1.89	0.0
C6STM180	JUNCTION	937.91	1.50	0.0
C6STM181	JUNCTION	938.01	1.30	0.0
C7STM178	JUNCTION	937.51	3.21	0.0
C7STM179	JUNCTION	937.33	3.03	0.0
C7STM182	JUNCTION	937.20	3.39	0.0
C7STM183	JUNCTION	937.24	3.03	0.0
C7STM185	JUNCTION	937.91	2.72	0.0
C7STM187	JUNCTION	937.76	3.05	0.0
C8STM188	JUNCTION	937.20	3.29	0.0
C8STM189	JUNCTION	937.50	3.00	0.0
CULV5002	JUNCTION	939.79	1.50	0.0
CULV5004	JUNCTION	939.49	1.50	0.0
CULV5158_Inlet	JUNCTION	937.01	1.50	0.0
CULV5159_Outlet	JUNCTION	936.81	1.70	0.0
CULV5170	JUNCTION	936.72	1.50	0.0
CULV5171	JUNCTION	936.51	1.69	0.0
CULV5178	JUNCTION	937.50	1.15	0.0
CULV5179	JUNCTION	937.85	1.00	0.0
CULV5207	JUNCTION	936.10	1.00	0.0
CULV5210	JUNCTION	936.82	1.00	0.0
CULV5252	JUNCTION	938.08	1.00	0.0
CULV5258	JUNCTION	938.23	1.32	0.0
CULV5259	JUNCTION	938.43	1.00	0.0
CULV5260	JUNCTION	939.01	1.00	0.0
CULV5262	JUNCTION	939.14	1.00	0.0
CULV5263	JUNCTION	938.94	1.29	0.0
CULV5287	JUNCTION	939.90	1.00	0.0
CULV5306	JUNCTION	938.38	1.07	0.0
CULV5307	JUNCTION	938.65	1.00	0.0
CULV5314	JUNCTION	937.11	1.25	0.0
CULV5315	JUNCTION	937.31	1.00	0.0
CULV5354	JUNCTION	938.49	1.00	0.0
CULV5385	JUNCTION	940.42	1.00	0.0

CULV5397	JUNCTION	939.19	1.00	0.0
CULV5415	JUNCTION	941.98	1.00	0.0
CULV5440	JUNCTION	936.79	1.00	0.0
CULV5444	JUNCTION	936.70	1.00	0.0
CULV5445	JUNCTION	936.50	1.15	0.0
CULV5446	JUNCTION	935.60	1.00	0.0
CULV5447	JUNCTION	935.66	1.00	0.0
CULV5450	JUNCTION	936.46	1.00	0.0
CULV5451	JUNCTION	936.55	1.00	0.0
CULV5452	JUNCTION	935.86	1.54	0.0
CULV5453	JUNCTION	935.86	1.50	0.0
CULV5454	JUNCTION	937.19	1.00	0.0
CULV5466	JUNCTION	938.23	1.50	0.0
CULV5467	JUNCTION	938.03	1.50	0.0
CULV5471	JUNCTION	953.13	1.00	0.0
CULV5472	JUNCTION	952.71	1.00	0.0
CULV5474_Outlet	JUNCTION	945.48	1.60	0.0
CULV5475_Inlet	JUNCTION	945.78	1.50	0.0
CULV5479	JUNCTION	954.87	1.00	0.0
CULV5481	JUNCTION	952.61	1.00	0.0
CULV5484	JUNCTION	952.31	1.10	0.0
CULV5485	JUNCTION	951.46	1.65	0.0
CULV5504	JUNCTION	936.18	1.26	0.0
CULV5505	JUNCTION	936.63	1.00	0.0
CULV5537	JUNCTION	986.89	1.00	0.0
CULV5538	JUNCTION	991.13	1.00	0.0
D12STM255	JUNCTION	962.73	2.07	0.0
D13STM250	JUNCTION	965.85	1.94	0.0
D13STM251	JUNCTION	964.60	2.45	0.0
D14STM243	JUNCTION	967.99	1.39	0.0
D14STM244	JUNCTION	967.89	1.77	0.0
D14STM245	JUNCTION	971.16	3.09	0.0
D14STM246	JUNCTION	971.79	3.35	0.0
D14STM247	JUNCTION	969.78	1.88	0.0
D14STM248	JUNCTION	971.98	1.60	0.0
D14STM249	JUNCTION	967.92	1.74	0.0
F14STM271	JUNCTION	977.21	2.20	0.0
F14STM272	JUNCTION	974.09	1.50	0.0
F14STM273	JUNCTION	973.10	1.20	0.0
F14STM59	JUNCTION	971.41	2.10	0.0
F14STM60	JUNCTION	968.10	2.55	0.0
F14STM61	JUNCTION	963.23	2.39	0.0
F8STM265	JUNCTION	937.31	2.98	0.0
F8STM266	JUNCTION	937.25	3.11	0.0
F8STM270	JUNCTION	936.49	3.78	0.0
F9STM259	JUNCTION	939.81	1.50	0.0
F9STM264	JUNCTION	937.62	2.08	0.0
G14STM62	JUNCTION	959.80	2.90	0.0
G14STM63	JUNCTION	958.00	3.68	0.0
G14STM64	JUNCTION	955.65	3.78	0.0
G14STM65	JUNCTION	953.46	3.91	0.0
G14STM66	JUNCTION	955.61	1.95	0.0
G14STM67	JUNCTION	955.43	4.46	0.0
G14STM68	JUNCTION	955.13	4.62	0.0
G14STM71	JUNCTION	957.26	2.97	0.0
G14STM72	JUNCTION	958.39	2.20	0.0
G14STM73	JUNCTION	961.68	3.59	0.0
G14STM74	JUNCTION	959.72	2.73	0.0
G14STM75	JUNCTION	962.64	2.70	0.0
G14STM76	JUNCTION	965.05	3.89	0.0
G7STM261	JUNCTION	935.90	2.83	0.0
G7STM262	JUNCTION	934.94	3.48	0.0
G8STM260	JUNCTION	935.98	3.14	0.0
G8STM269	JUNCTION	936.03	3.36	0.0
GCMH1	JUNCTION	944.21	3.90	0.0
GCMH10	JUNCTION	970.21	4.20	0.0
GCMH100	JUNCTION	988.12	2.41	0.0
GCMH101	JUNCTION	985.76	2.86	0.0
GCMH102	JUNCTION	984.00	1.20	0.0
GCMH107	JUNCTION	948.10	0.92	0.0
GCMH108	JUNCTION	949.08	1.00	0.0
GCMH109	JUNCTION	942.09	4.16	0.0
GCMH11	JUNCTION	970.73	3.71	0.0
GCMH110	JUNCTION	975.71	4.10	0.0
GCMH111	JUNCTION	977.83	2.36	0.0

GCMH114	JUNCTION	980.39	3.44	0.0
GCMH115	JUNCTION	978.62	4.21	0.0
GCMH116	JUNCTION	966.77	3.41	0.0
GCMH117	JUNCTION	971.39	3.50	0.0
GCMH118	JUNCTION	969.60	3.57	0.0
GCMH119	JUNCTION	967.80	2.69	0.0
GCMH12	JUNCTION	970.48	3.19	0.0
GCMH120	JUNCTION	967.58	2.69	0.0
GCMH121	JUNCTION	965.38	0.45	0.0
GCMH122	JUNCTION	973.29	1.00	0.0
GCMH123	JUNCTION	952.67	0.41	0.0
GCMH124	JUNCTION	952.48	0.50	0.0
GCMH125	JUNCTION	952.35	1.00	0.0
GCMH126	JUNCTION	952.65	0.50	0.0
GCMH127	JUNCTION	976.52	3.12	0.0
GCMH129	JUNCTION	980.86	1.00	0.0
GCMH13	JUNCTION	968.87	4.24	0.0
GCMH131	JUNCTION	979.31	2.09	0.0
GCMH132	JUNCTION	946.80	2.64	0.0
GCMH133	JUNCTION	982.79	0.76	0.0
GCMH134	JUNCTION	987.95	2.92	0.0
GCMH135	JUNCTION	986.51	3.30	0.0
GCMH136	JUNCTION	979.63	3.05	0.0
GCMH137	JUNCTION	981.75	3.37	0.0
GCMH138	JUNCTION	983.18	2.67	0.0
GCMH139	JUNCTION	983.95	1.73	0.0
GCMH14	JUNCTION	967.96	3.64	0.0
GCMH140	JUNCTION	954.80	1.00	0.0
GCMH141	JUNCTION	983.72	2.75	0.0
GCMH142	JUNCTION	987.13	3.87	0.0
GCMH143	JUNCTION	987.69	2.68	0.0
GCMH144	JUNCTION	988.37	3.42	0.0
GCMH145	JUNCTION	948.22	2.52	0.0
GCMH146	JUNCTION	948.75	2.74	0.0
GCMH147	JUNCTION	948.95	2.38	0.0
GCMH148	JUNCTION	952.83	2.76	0.0
GCMH149	JUNCTION	977.50	1.74	0.0
GCMH15	JUNCTION	968.07	5.00	0.0
GCMH150	JUNCTION	978.54	1.02	0.0
GCMH151	JUNCTION	982.36	3.50	0.0
GCMH152	JUNCTION	983.26	3.36	0.0
GCMH153	JUNCTION	980.10	1.50	0.0
GCMH154	JUNCTION	983.31	3.79	0.0
GCMH155	JUNCTION	977.33	1.23	0.0
GCMH156	JUNCTION	980.52	2.77	0.0
GCMH157	JUNCTION	976.23	1.30	0.0
GCMH158	JUNCTION	976.67	1.27	0.0
GCMH159	JUNCTION	982.31	3.05	0.0
GCMH16	JUNCTION	973.52	9.40	0.0
GCMH160	JUNCTION	982.45	2.73	0.0
GCMH17	JUNCTION	966.28	2.84	0.0
GCMH18	JUNCTION	966.10	3.27	0.0
GCMH19	JUNCTION	966.00	4.64	0.0
GCMH2	JUNCTION	953.05	1.00	0.0
GCMH20	JUNCTION	965.41	4.87	0.0
GCMH21	JUNCTION	963.61	4.44	0.0
GCMH22	JUNCTION	964.80	14.56	0.0
GCMH23	JUNCTION	964.92	3.17	0.0
GCMH24	JUNCTION	965.91	3.15	0.0
GCMH25	JUNCTION	967.08	2.69	0.0
GCMH26	JUNCTION	967.26	2.42	0.0
GCMH27	JUNCTION	970.82	2.99	0.0
GCMH28	JUNCTION	967.04	2.90	0.0
GCMH29	JUNCTION	970.14	2.55	0.0
GCMH3	JUNCTION	939.09	2.71	0.0
GCMH30	JUNCTION	967.11	3.34	0.0
GCMH31	JUNCTION	966.67	3.50	0.0
GCMH32	JUNCTION	941.40	4.63	0.0
GCMH33	JUNCTION	979.18	1.96	0.0
GCMH34	JUNCTION	975.69	1.67	0.0
GCMH35	JUNCTION	983.67	3.06	0.0
GCMH36	JUNCTION	980.73	3.68	0.0
GCMH37	JUNCTION	978.98	3.45	0.0
GCMH38	JUNCTION	976.45	3.71	0.0
GCMH39	JUNCTION	975.32	1.86	0.0

GCMH40	JUNCTION	975.08	4.23	0.0
GCMH41	JUNCTION	973.65	5.45	0.0
GCMH42	JUNCTION	972.46	3.01	0.0
GCMH43	JUNCTION	975.65	2.95	0.0
GCMH44	JUNCTION	974.77	1.83	0.0
GCMH46	JUNCTION	971.79	2.97	0.0
GCMH47	JUNCTION	973.05	0.65	0.0
GCMH48	JUNCTION	975.31	0.61	0.0
GCMH49	JUNCTION	973.79	0.63	0.0
GCMH5	JUNCTION	950.02	0.30	0.0
GCMH50	JUNCTION	974.79	1.98	0.0
GCMH51	JUNCTION	982.94	2.62	0.0
GCMH52	JUNCTION	982.94	2.78	0.0
GCMH54	JUNCTION	988.47	2.77	0.0
GCMH55	JUNCTION	943.11	3.01	0.0
GCMH56	JUNCTION	938.55	1.00	0.0
GCMH57	JUNCTION	938.30	1.05	0.0
GCMH58	JUNCTION	941.57	4.41	0.0
GCMH6	JUNCTION	964.02	2.68	0.0
GCMH60	JUNCTION	962.10	3.03	0.0
GCMH61	JUNCTION	941.73	4.42	0.0
GCMH62	JUNCTION	970.91	2.10	0.0
GCMH63	JUNCTION	938.89	2.19	0.0
GCMH64	JUNCTION	952.45	0.61	0.0
GCMH65	JUNCTION	946.29	4.58	0.0
GCMH66	JUNCTION	947.28	3.71	0.0
GCMH67	JUNCTION	959.03	2.56	0.0
GCMH68	JUNCTION	958.83	2.56	0.0
GCMH69	JUNCTION	959.73	1.56	0.0
GCMH7	JUNCTION	979.62	3.51	0.0
GCMH70	JUNCTION	959.33	1.72	0.0
GCMH71	JUNCTION	960.80	1.98	0.0
GCMH72	JUNCTION	961.08	1.50	0.0
GCMH73	JUNCTION	961.84	2.24	0.0
GCMH74	JUNCTION	965.53	1.34	0.0
GCMH75	JUNCTION	964.97	2.31	0.0
GCMH76	JUNCTION	961.10	3.01	0.0
GCMH77	JUNCTION	947.77	1.00	0.0
GCMH78	JUNCTION	939.51	1.00	0.0
GCMH79	JUNCTION	939.03	0.71	0.0
GCMH8	JUNCTION	976.61	3.60	0.0
GCMH80	JUNCTION	937.10	1.50	0.0
GCMH81	JUNCTION	946.69	1.59	0.0
GCMH82	JUNCTION	946.49	4.17	0.0
GCMH83	JUNCTION	967.44	1.00	0.0
GCMH84	JUNCTION	968.65	2.92	0.0
GCMH85	JUNCTION	968.64	3.32	0.0
GCMH86	JUNCTION	972.82	1.00	0.0
GCMH87	JUNCTION	973.32	1.00	0.0
GCMH88	JUNCTION	946.02	1.71	0.0
GCMH9	JUNCTION	974.00	3.39	0.0
GCMH91	JUNCTION	943.18	1.05	0.0
GCMH92	JUNCTION	938.80	1.00	0.0
GCMH93	JUNCTION	937.19	1.00	0.0
GCMH94	JUNCTION	952.22	2.13	0.0
GCMH95	JUNCTION	971.26	2.00	0.0
GCMH96	JUNCTION	974.56	1.86	0.0
GCMH97	JUNCTION	942.89	2.61	0.0
GCMH98	JUNCTION	946.33	1.05	0.0
GCMH99	JUNCTION	976.51	2.67	0.0
H11STM1499	JUNCTION	943.40	2.18	0.0
H11STM1500	JUNCTION	943.11	2.32	0.0
H12STM1492	JUNCTION	943.63	3.41	0.0
H12STM1493	JUNCTION	944.01	3.48	0.0
H12STM1495	JUNCTION	944.26	3.52	0.0
H12STM1498	JUNCTION	944.14	2.09	0.0
H12STM1505	JUNCTION	943.36	2.44	0.0
H12STM1506	JUNCTION	943.04	2.36	0.0
H12STM1537	JUNCTION	944.79	2.53	0.0
H13STM1494	JUNCTION	946.39	2.70	0.0
H13STM1519	JUNCTION	951.02	3.29	0.0
H13STM1531	JUNCTION	946.89	3.16	0.0
H13STM1532	JUNCTION	946.40	3.37	0.0
H13STM1533	JUNCTION	945.86	2.96	0.0
H13STM2276	JUNCTION	946.78	3.74	0.0

H14STM1518	JUNCTION	951.94	3.64	0.0
H14STM69	JUNCTION	957.97	3.46	0.0
H14STM70	JUNCTION	960.84	1.88	0.0
H7STM133	JUNCTION	938.03	1.54	0.0
H8STM134	JUNCTION	938.23	1.62	0.0
H8STM135	JUNCTION	938.32	1.44	0.0
H8STM136	JUNCTION	938.58	1.61	0.0
H8STM137	JUNCTION	938.83	1.64	0.0
H9STM138	JUNCTION	939.22	1.74	0.0
HPMH1	JUNCTION	938.80	1.50	0.0
HPMH10	JUNCTION	939.96	1.28	0.0
HPMH11	JUNCTION	937.26	1.87	0.0
HPMH12	JUNCTION	936.73	1.95	0.0
HPMH13	JUNCTION	937.00	2.06	0.0
HPMH14	JUNCTION	936.88	2.37	0.0
HPMH15	JUNCTION	936.60	2.12	0.0
HPMH16	JUNCTION	940.68	1.50	0.0
HPMH17	JUNCTION	936.89	2.51	0.0
HPMH18	JUNCTION	937.01	1.93	0.0
HPMH19	JUNCTION	937.11	2.28	0.0
HPMH2	JUNCTION	936.98	1.50	0.0
HPMH20	JUNCTION	936.70	2.12	0.0
HPMH21	JUNCTION	937.52	1.77	0.0
HPMH22	JUNCTION	938.00	1.50	0.0
HPMH23	JUNCTION	936.65	1.13	0.0
HPMH25	JUNCTION	936.47	1.77	0.0
HPMH26	JUNCTION	937.90	1.50	0.0
HPMH28	JUNCTION	939.25	1.00	0.0
HPMH29	JUNCTION	937.08	1.50	0.0
HPMH3	JUNCTION	937.15	1.50	0.0
HPMH33	JUNCTION	937.70	0.88	0.0
HPMH34	JUNCTION	937.57	1.50	0.0
HPMH36	JUNCTION	936.56	1.50	0.0
HPMH37	JUNCTION	937.49	1.61	0.0
HPMH38	JUNCTION	937.30	1.00	0.0
HPMH39	JUNCTION	936.94	1.50	0.0
HPMH4	JUNCTION	937.78	1.50	0.0
HPMH40	JUNCTION	937.17	1.89	0.0
HPMH41	JUNCTION	936.54	1.50	0.0
HPMH42	JUNCTION	936.63	1.50	0.0
HPMH43	JUNCTION	937.60	1.50	0.0
HPMH44	JUNCTION	938.90	1.50	0.0
HPMH45	JUNCTION	935.50	1.50	0.0
HPMH46	JUNCTION	935.19	1.50	0.0
HPMH47	JUNCTION	935.88	1.50	0.0
HPMH48	JUNCTION	937.69	1.96	0.0
HPMH49	JUNCTION	936.74	1.50	0.0
HPMH5	JUNCTION	937.06	1.50	0.0
HPMH51	JUNCTION	936.41	1.50	0.0
HPMH6	JUNCTION	937.08	1.50	0.0
HPMH7	JUNCTION	938.04	0.94	0.0
HPMH8	JUNCTION	938.24	0.75	0.0
HPMH9	JUNCTION	937.84	1.50	0.0
I10STM144	JUNCTION	939.84	1.40	0.0
I10STM145	JUNCTION	939.81	1.88	0.0
I10STM146	JUNCTION	939.67	1.78	0.0
I10STM147	JUNCTION	939.53	1.66	0.0
I10STM93	JUNCTION	940.08	1.97	0.0
I10STM94	JUNCTION	939.88	1.79	0.0
I10STM95	JUNCTION	939.73	2.07	0.0
I11STM1501	JUNCTION	943.00	2.61	0.0
I11STM153	JUNCTION	943.33	1.99	0.0
I11STM154	JUNCTION	942.96	2.18	0.0
I11STM92	JUNCTION	940.21	2.27	0.0
I12STM1471	JUNCTION	943.70	3.56	0.0
I12STM1472	JUNCTION	944.79	1.75	0.0
I12STM1473	JUNCTION	943.86	3.48	0.0
I12STM1481	JUNCTION	942.45	4.01	0.0
I12STM1483	JUNCTION	943.50	2.56	0.0
I12STM1484	JUNCTION	942.24	3.95	0.0
I12STM1485	JUNCTION	942.04	4.29	0.0
I12STM1486	JUNCTION	943.16	3.47	0.0
I12STM1487	JUNCTION	943.48	3.53	0.0
I12STM1488	JUNCTION	942.65	3.55	0.0
I12STM1489	JUNCTION	943.08	3.44	0.0

I12STM1502	JUNCTION	942.81	2.54	0.0
I12STM1503	JUNCTION	942.63	2.86	0.0
I12STM1504	JUNCTION	942.87	2.76	0.0
I12STM1507	JUNCTION	942.50	3.35	0.0
I12STM1508	JUNCTION	942.35	2.62	0.0
I12STM1511	JUNCTION	942.98	2.02	0.0
I12STM1513	JUNCTION	942.22	2.76	0.0
I12STM1514	JUNCTION	942.12	2.85	0.0
I12STM1515	JUNCTION	942.00	3.49	0.0
I13STM1474	JUNCTION	944.36	3.23	0.0
I13STM1475	JUNCTION	944.73	3.04	0.0
I13STM1476	JUNCTION	945.30	3.00	0.0
I13STM1477	JUNCTION	944.75	2.09	0.0
I13STM1478	JUNCTION	944.20	2.89	0.0
I13STM1479	JUNCTION	943.45	3.26	0.0
I13STM1480	JUNCTION	943.14	3.29	0.0
I13STM1482	JUNCTION	943.89	2.54	0.0
I13STM1496	JUNCTION	944.53	2.86	0.0
I13STM1497	JUNCTION	944.03	2.63	0.0
I13STM1525	JUNCTION	946.99	4.09	0.0
I13STM1526	JUNCTION	947.63	2.25	0.0
I13STM1527	JUNCTION	946.93	2.36	0.0
I13STM1534	JUNCTION	945.36	3.13	0.0
I13STM1536	JUNCTION	945.23	3.10	0.0
I14STM1517	JUNCTION	952.25	3.56	0.0
I14STM1520	JUNCTION	950.20	3.09	0.0
I14STM1521	JUNCTION	949.83	2.40	0.0
I14STM1522	JUNCTION	949.27	2.03	0.0
I14STM1524	JUNCTION	949.81	2.04	0.0
I14STM1528	JUNCTION	947.10	2.29	0.0
I14STM1529	JUNCTION	947.61	2.25	0.0
I14STM1530	JUNCTION	946.21	2.56	0.0
I7STM125	JUNCTION	937.58	1.50	0.0
I7STM128	JUNCTION	937.76	1.74	0.0
I7STM129	JUNCTION	937.86	1.32	0.0
I8STM100	JUNCTION	937.84	1.84	0.0
I8STM101	JUNCTION	938.16	1.31	0.0
I8STM102	JUNCTION	938.10	1.78	0.0
I8STM103	JUNCTION	938.36	0.94	0.0
I8STM104	JUNCTION	937.76	1.86	0.0
I8STM106	JUNCTION	937.57	1.88	0.0
I8STM111	JUNCTION	937.95	1.32	0.0
I8STM128	JUNCTION	938.14	1.33	0.0
I8STM130	JUNCTION	938.25	1.42	0.0
I8STM131	JUNCTION	938.26	0.90	0.0
I8STM132	JUNCTION	937.96	1.34	0.0
I8STM140	JUNCTION	938.57	1.55	0.0
I8STM141	JUNCTION	938.37	1.88	0.0
I8STM142	JUNCTION	938.20	1.86	0.0
I8STM151	JUNCTION	938.52	0.85	0.0
I8STM152	JUNCTION	938.32	1.42	0.0
I8STM99	JUNCTION	938.05	2.00	0.0
I9STM139	JUNCTION	939.27	1.78	0.0
I9STM143	JUNCTION	939.60	1.99	0.0
I9STM148	JUNCTION	939.27	1.58	0.0
I9STM149	JUNCTION	939.50	1.17	0.0
I9STM150	JUNCTION	939.17	1.07	0.0
I9STM96	JUNCTION	939.25	2.42	0.0
I9STM97	JUNCTION	938.93	2.19	0.0
I9STM98	JUNCTION	938.75	2.06	0.0
J1	JUNCTION	930.04	1.50	0.0
J10	JUNCTION	941.30	2.70	0.0
J100	JUNCTION	950.02	1.05	0.0
J101	JUNCTION	947.30	1.05	0.0
J102	JUNCTION	947.70	1.05	0.0
J103	JUNCTION	945.55	2.24	0.0
J104	JUNCTION	952.61	3.68	0.0
J105	JUNCTION	952.94	3.22	0.0
J106	JUNCTION	945.35	1.86	0.0
J107	JUNCTION	976.99	1.60	0.0
J108	JUNCTION	936.36	0.90	0.0
J109	JUNCTION	975.32	1.50	0.0
J10STM1873	JUNCTION	938.82	2.16	0.0
J10STM1874	JUNCTION	939.16	1.59	0.0
J10STM1875	JUNCTION	939.63	1.66	0.0

J10STM1876	JUNCTION	939.03	2.30	0.0
J10STM1877	JUNCTION	939.20	2.93	0.0
J11	JUNCTION	941.49	2.11	0.0
J110	JUNCTION	966.27	4.01	0.0
J111	JUNCTION	975.95	1.20	0.0
J112	JUNCTION	972.21	1.20	0.0
J113	JUNCTION	967.11	1.20	0.0
J114	JUNCTION	961.87	3.97	0.0
J115	JUNCTION	956.15	5.53	0.0
J116	JUNCTION	952.17	2.12	0.0
J119	JUNCTION	948.78	1.73	0.0
J11STM155	JUNCTION	941.97	2.34	0.0
J11STM156	JUNCTION	941.51	1.94	0.0
J11STM157	JUNCTION	940.92	3.08	0.0
J12	JUNCTION	941.66	2.24	0.0
J120	JUNCTION	948.04	1.81	0.0
J121	JUNCTION	946.55	1.90	0.0
J122	JUNCTION	947.52	1.50	0.0
J123	JUNCTION	946.75	1.12	0.0
J125	JUNCTION	946.22	2.75	0.0
J126	JUNCTION	946.07	2.76	0.0
J127	JUNCTION	945.86	2.81	0.0
J128	JUNCTION	946.11	2.79	0.0
J129	JUNCTION	946.30	2.47	0.0
J13	JUNCTION	941.86	3.64	0.0
J130	JUNCTION	946.72	4.17	0.0
J131	JUNCTION	952.03	2.79	0.0
J132	JUNCTION	950.90	3.61	0.0
J133	JUNCTION	949.70	3.78	0.0
J134	JUNCTION	948.23	4.72	0.0
J135	JUNCTION	949.27	3.16	0.0
J136	JUNCTION	947.78	3.10	0.0
J137	JUNCTION	948.10	2.95	0.0
J138	JUNCTION	946.40	3.22	0.0
J139	JUNCTION	947.79	3.33	0.0
J14	JUNCTION	939.10	1.00	0.0
J140	JUNCTION	955.15	1.94	0.0
J141	JUNCTION	954.67	2.82	0.0
J142	JUNCTION	954.41	2.12	0.0
J143	JUNCTION	955.76	2.21	0.0
J144	JUNCTION	958.44	3.67	0.0
J145	JUNCTION	962.56	3.27	0.0
J146	JUNCTION	965.52	4.26	0.0
J147	JUNCTION	968.80	3.38	0.0
J148	JUNCTION	966.43	4.08	0.0
J149	JUNCTION	960.89	3.64	0.0
J15	JUNCTION	942.10	1.00	0.0
J150	JUNCTION	961.19	2.22	0.0
J151	JUNCTION	959.07	3.67	0.0
J152	JUNCTION	956.99	3.24	0.0
J153	JUNCTION	980.96	2.91	0.0
J154	JUNCTION	979.54	4.11	0.0
J155	JUNCTION	938.50	1.67	0.0
J156	JUNCTION	938.48	0.93	0.0
J157	JUNCTION	938.40	1.44	0.0
J16	JUNCTION	949.40	1.20	0.0
J17	JUNCTION	941.02	1.00	0.0
J18	JUNCTION	936.60	1.50	0.0
J183	JUNCTION	935.26	3.05	0.0
J184	JUNCTION	935.63	2.38	0.0
J185	JUNCTION	935.36	2.91	0.0
J186	JUNCTION	935.17	3.17	0.0
J188	JUNCTION	935.46	2.99	0.0
J189	JUNCTION	935.48	2.89	0.0
J19	JUNCTION	981.39	1.00	0.0
J190	JUNCTION	935.50	2.92	0.0
J2	JUNCTION	939.20	1.50	0.0
J20	JUNCTION	967.94	3.28	0.0
J206	JUNCTION	936.59	1.19	0.0
J207	JUNCTION	936.49	1.21	0.0
J208	JUNCTION	936.43	1.44	0.0
J209	JUNCTION	936.29	2.08	0.0
J21	JUNCTION	972.60	1.51	0.0
J210	JUNCTION	936.12	2.72	0.0
J211	JUNCTION	936.02	2.45	0.0

J212	JUNCTION	935.88	3.20	0.0
J213	JUNCTION	935.79	2.96	0.0
J214	JUNCTION	935.70	2.97	0.0
J215	JUNCTION	935.57	2.79	0.0
J22	JUNCTION	968.86	0.30	0.0
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J229	JUNCTION	976.77	3.26	0.0
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J235	JUNCTION	975.64	3.56	0.0
J236	JUNCTION	971.50	4.62	0.0
J237	JUNCTION	972.71	3.38	0.0
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J239	JUNCTION	971.18	3.50	0.0
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J248	JUNCTION	952.60	4.50	0.0
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J26	JUNCTION	944.49	2.27	0.0
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J261	JUNCTION	968.50	4.33	0.0
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J269	JUNCTION	982.73	4.43	0.0
J27	JUNCTION	936.59	1.00	0.0
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J28	JUNCTION	936.50	1.00	0.0
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J281	JUNCTION	943.33	3.04	0.0
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J283	JUNCTION	944.14	1.74	0.0
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J29	JUNCTION	937.99	1.73	0.0
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J3	JUNCTION	939.00	1.00	0.0
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J31	JUNCTION	937.78	2.14	0.0
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J33	JUNCTION	937.60	2.15	0.0
J337	JUNCTION	953.00	3.20	0.0
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J351	JUNCTION	938.57	1.60	0.0
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J354	JUNCTION	939.01	1.50	0.0
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J39	JUNCTION	937.16	3.01	0.0
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J5	JUNCTION	935.51	1.00	0.0
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J525	JUNCTION	977.72	2.92	0.0
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J74	JUNCTION	981.59	1.00	0.0
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J76	JUNCTION	940.09	1.00	0.0
J77	JUNCTION	939.15	1.00	0.0
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J79	JUNCTION	947.51	1.20	0.0
J7STM109	JUNCTION	937.25	1.56	0.0
J7STM110	JUNCTION	937.18	1.84	0.0
J7STM122	JUNCTION	937.45	1.94	0.0
J7STM123	JUNCTION	937.37	2.22	0.0
J7STM124	JUNCTION	937.23	2.14	0.0
J8	JUNCTION	940.83	1.80	0.0
J80	JUNCTION	943.82	0.99	0.0
J81	JUNCTION	946.10	1.20	0.0
J83	JUNCTION	948.05	0.60	0.0
J84	JUNCTION	946.35	1.00	0.0
J85	JUNCTION	935.65	1.00	0.0
J86	JUNCTION	935.70	1.00	0.0

J87	JUNCTION	935.72	1.00	0.0
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J8STM112	JUNCTION	938.17	1.08	0.0
J8STM113	JUNCTION	937.78	1.91	0.0
J8STM117	JUNCTION	937.96	1.87	0.0
J8STM118	JUNCTION	938.28	0.96	0.0
J8STM119	JUNCTION	938.17	1.07	0.0
J8STM120	JUNCTION	937.56	1.99	0.0
J8STM121	JUNCTION	937.55	2.05	0.0
J9	JUNCTION	941.95	3.99	0.0
J90	JUNCTION	936.26	1.00	0.0
J91	JUNCTION	936.36	1.00	0.0
J92	JUNCTION	936.41	1.00	0.0
J93	JUNCTION	936.71	1.00	0.0
J94	JUNCTION	936.91	1.00	0.0
J95	JUNCTION	937.11	1.00	0.0
J96	JUNCTION	935.55	1.00	0.0
J97	JUNCTION	948.94	1.05	0.0
J98	JUNCTION	949.38	1.05	0.0
J99	JUNCTION	951.09	1.53	0.0
J9STM114	JUNCTION	938.17	1.50	0.0
J9STM115	JUNCTION	938.08	1.96	0.0
J9STM116	JUNCTION	938.24	1.51	0.0
J9STM1871	JUNCTION	938.36	1.74	0.0
J9STM1872	JUNCTION	938.63	1.86	0.0
SU3	JUNCTION	941.12	1.50	0.0
J423	OUTFALL	927.04	1.50	0.0
J82	OUTFALL	938.29	1.00	0.0
Lagoons	OUTFALL	0.00	0.00	0.0
Marina_Bay	OUTFALL	936.70	1.50	0.0
OF1	OUTFALL	937.51	0.00	0.0
OF2	OUTFALL	950.88	1.00	0.0
Beacon_Hill	STORAGE	972.04	3.96	0.0
Crestview	STORAGE	970.60	3.50	0.0
Crestview1	STORAGE	952.78	3.50	0.0
Fox_Run_PH14	STORAGE	962.36	1.82	0.0
Fox_Run_PH6-7	STORAGE	946.49	2.00	0.0
GCMH130	STORAGE	979.60	1.00	0.0
GCMH4	STORAGE	980.20	1.00	0.0
Golf_Course1	STORAGE	939.03	0.95	0.0
Golf_Course2	STORAGE	938.67	1.00	0.0
Greyhawk	STORAGE	944.40	4.60	0.0
Hewlett_Park	STORAGE	937.30	1.00	0.0
Hewlett_Park_Wetland	STORAGE	935.88	1.53	0.0
Iron_Gate_Pond_1	STORAGE	0.00	5.00	0.0
Iron_Gate_Pond_2	STORAGE	0.00	5.00	0.0
Lakeway_Landing_Ph2	STORAGE	966.55	4.00	0.0
Lakeway_Landing_Phase1	STORAGE	962.00	2.50	0.0
Norell_Business_Park	STORAGE	0.00	5.00	0.0
Pier_View	STORAGE	956.36	2.20	0.0
Ryders_Ridge	STORAGE	943.00	1.50	0.0
SU1	STORAGE	939.03	1.97	0.0
Tank1-S3435	STORAGE	942.35	1.00	0.0
Tank2-S3547	STORAGE	941.80	1.00	0.0
Waterford_Station_Pond1	STORAGE	963.60	4.00	0.0
Waterford_Station_Pond2	STORAGE	957.90	4.00	0.0
Waterford_Station_Pond3	STORAGE	974.00	4.60	0.0
Westwood_Lane	STORAGE	947.57	0.60	0.0
Willow_Springs	STORAGE	937.20	0.50	0.0

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Link Summary
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Name	From Node	To Node	Type	Length	%Slope	Roughness
1000	738	743	CONDUIT	77.4	0.4187	0.0130
1000-S	738	743	CONDUIT	77.4	0.4588	0.0130
1001	743	745	CONDUIT	27.6	0.4463	0.0250
1001-S	743	745	CONDUIT	27.6	-0.6024	0.0130
1002	746	737	CONDUIT	43.0	0.4415	0.0130
1003	754	751	CONDUIT	24.4	0.0737	0.0130
1003-S	754	751	CONDUIT	24.4	0.0012	0.0130
1004	753	748	CONDUIT	18.6	0.4400	0.0130

1005	748	750	CONDUIT	106.0	0.8887	0.0130
1005-S	748	750	CONDUIT	106.0	0.5793	0.0130
1006	755	749	CONDUIT	12.6	0.3971	0.0130
1007	749	751	CONDUIT	52.8	0.8655	0.0130
1007-S	749	751	CONDUIT	52.8	0.1231	0.0130
1008	750	752	CONDUIT	59.8	0.1538	0.0130
1008-S	750	752	CONDUIT	59.8	-0.0150	0.0130
1009	752	754	CONDUIT	93.6	0.1229	0.0130
1009-S	752	754	CONDUIT	93.6	0.7768	0.0130
1011	751	739	CONDUIT	18.6	0.1074	0.0130
993	732	736	CONDUIT	112.3	0.6530	0.0130
993-S	732	736	CONDUIT	112.3	0.8810	0.0130
994	736	735	CONDUIT	90.0	0.8316	0.0130
994-S	736	735	CONDUIT	90.0	0.4036	0.0130
995	737	738	CONDUIT	9.6	0.3951	0.0130
996	735	738	CONDUIT	124.0	0.1129	0.0130
996-S	735	738	CONDUIT	124.0	0.8434	0.0130
997	740	739	CONDUIT	52.7	0.9047	0.0130
998	739	741	CONDUIT	39.0	0.2233	0.0130
999	741	746	CONDUIT	69.6	0.4654	0.0130
C1	J19	GCMH129	CONDUIT	91.1	0.5828	0.0250
C10	J1	J408	CONDUIT	1179.8	0.0848	0.0250
C100	J95	J94	CONDUIT	90.4	0.2213	0.0250
C101	J94	J93	CONDUIT	22.0	0.9093	0.0250
C102	J93	J92	CONDUIT	223.2	0.1326	0.0250
C103	J92	J91	CONDUIT	75.0	0.0680	0.0250
C104	J91	J90	CONDUIT	77.6	0.1405	0.0250
C105	J90	J89	CONDUIT	93.2	0.1598	0.0250
C106	J89	J88	CONDUIT	257.4	0.1360	0.0250
C107	J88	J87	CONDUIT	133.3	0.0300	0.0250
C108	J87	J86	CONDUIT	33.8	0.0592	0.0250
C109	J86	J85	CONDUIT	89.6	0.0525	0.0250
C11	J404	J407	CONDUIT	550.4	0.1006	0.0250
C110	J85	J96	CONDUIT	63.2	0.1566	0.0250
C111	J96	HPMH45	CONDUIT	15.8	0.3155	0.0250
C112	J108	J90	CONDUIT	77.1	0.1388	0.0250
C12	J370	J403	CONDUIT	330.7	0.0169	0.0250
C13	J403	J404	CONDUIT	308.6	0.2291	0.0250
C14	J360	J370	CONDUIT	364.6	0.0222	0.0250
C15	J353	J360	CONDUIT	435.0	0.0632	0.0250
C16	J348	J349	CONDUIT	141.0	0.1454	0.0250
C17	J349	J353	CONDUIT	250.0	0.1156	0.0250
C18-S	B14STM36	B14STM35	CONDUIT	54.9	2.2265	0.0130
C18-S1	G14STM75	G14STM63	CONDUIT	120.4	3.0407	0.0130
C18-S2	F14STM272	F14STM59	CONDUIT	84.6	2.4567	0.0130
C18-S3	G14STM65	G14STM66	CONDUIT	16.0	-1.1853	0.0130
C18-S4	J145	J148	CONDUIT	91.0	-5.1505	0.0130
C18-S5	J287	J284	CONDUIT	31.1	0.4186	0.0130
C18-S6	H12STM1495	H12STM1537	CONDUIT	34.6	1.2993	0.0130
C18-S7	I12STM1487	I12STM1489	CONDUIT	55.3	0.8857	0.0130
C18-S8	J22	D14STM243	CONDUIT	93.1	-0.2321	0.0130
C19	J14	HPMH44	CONDUIT	69.8	0.2864	0.0350
C2	J390	F14STM59	CONDUIT	17.2	6.1398	0.0130
C20	J24	J27	CONDUIT	11.8	0.8654	0.0250
C20-S	J453	J36	CONDUIT	15.7	-7.0812	0.0130
C20-S1	J454	J38	CONDUIT	10.0	-0.7366	0.0130
C20-S2	J385	J40	CONDUIT	11.1	0.4883	0.0130
C20-S3	J388	J42	CONDUIT	11.1	0.2335	0.0130
C20-S4	J49	J47	CONDUIT	20.8	-0.1776	0.0130
C20-S5	F8STM270	J52	CONDUIT	23.2	1.1416	0.0130
C20-S6	J55	J54	CONDUIT	9.2	0.3491	0.0130
C21	J27	J28	CONDUIT	46.4	0.1916	0.0250
C21-S	J455	J42	CONDUIT	14.6	0.0753	0.0130
C22	J28	J62	CONDUIT	62.7	0.1356	0.0250
C23	J274	HPMH16	CONDUIT	18.4	1.0890	0.0130
C24	J62	J63	CONDUIT	50.0	0.2118	0.0250
C24-S1	J23	D14STM243	CONDUIT	139.2	3.4162	0.0130
C25	J294	J275	CONDUIT	44.1	1.6593	0.0130
C25-S	J294	J275	CONDUIT	48.9	1.8214	0.0130
C26	Ryders_Ridge	I12STM1511	CONDUIT	80.3	0.0249	0.0130
C26_2	J17	CULV5505	CONDUIT	644.4	0.6802	0.0250
C27	CULV5505	CULV5504	CONDUIT	9.9	2.0163	0.0250
C28	CULV5504	J1	CONDUIT	703.0	0.8732	0.0250
C29	H7STM133	HPMH22	CONDUIT	21.0	0.1670	0.0130
C3	J493	J121	CONDUIT	7.7	1.3046	0.0100

C30	J2	J3	CONDUIT	29.0	0.6908	0.0250
C31	J3	J70	CONDUIT	91.5	2.2956	0.0250
C32	CULV5252	J71	CONDUIT	59.2	2.3305	0.0250
C32_1	CULV5207	J5	CONDUIT	208.6	0.2847	0.0250
C32_3	J5	J6	CONDUIT	44.6	0.4480	0.0250
C32_4	J6	J353	CONDUIT	589.5	0.2845	0.0250
C33	I7STM129	I7STM128	CONDUIT	73.2	0.1366	0.0130
C33-S	I7STM129	I7STM128	CONDUIT	73.2	-0.4468	0.0130
C34	I8STM128	I7STM128	CONDUIT	43.9	0.8879	0.0130
C34-S	I8STM128	I7STM128	CONDUIT	43.9	-0.0433	0.0130
C35	I7STM128	I7STM125	CONDUIT	100.8	0.1786	0.0130
C35-S	I7STM128	I7STM125	CONDUIT	100.8	0.4157	0.0130
C36	J529	OF2	CONDUIT	2076.4	0.0732	0.0250
C36_2	J80	J15	CONDUIT	433.7	0.3954	0.0250
C37	CULV5210	J5	CONDUIT	459.2	0.2855	0.0250
C38	CULV5415	CULV5397	CONDUIT	557.0	0.5002	0.0250
C39	CULV5397	CULV5259	CONDUIT	83.6	0.9101	0.0250
C3-S	J493	J121	CONDUIT	7.7	1.3046	0.0130
C4	J123	J493	CONDUIT	165.4	0.0605	0.0130
C40	CULV5259	CULV5258	CONDUIT	12.1	1.6583	0.0250
C41	CULV5258	CULV5252	CONDUIT	34.0	1.3911	0.0250
C42	CULV5260	CULV5262	CONDUIT	79.1	-0.1656	0.0250
C43	CULV5262	CULV5263	CONDUIT	18.2	1.0998	0.0250
C44	CULV5263	CULV5307	CONDUIT	251.1	0.2322	0.0250
C45	CULV5307	CULV5306	CONDUIT	20.9	0.9570	0.0250
C46	CULV5306	CULV5315	CONDUIT	160.1	0.6684	0.0250
C47	CULV5315	CULV5314	CONDUIT	19.1	1.0445	0.0250
C48	CULV5287	J420	CONDUIT	18.8	0.2660	0.0250
C49	J71	J72	CONDUIT	693.6	0.0492	0.0250
C49_1	CULV5314	J72	CONDUIT	192.7	0.5194	0.0250
C49_2	J72	J403	CONDUIT	590.0	0.5195	0.0250
C4-S	J123	J493	CONDUIT	165.4	-0.4118	0.0130
C5	J441	J119	CONDUIT	130.3	0.6294	0.0130
C50	J420	CULV5262	CONDUIT	611.0	0.1164	0.0250
C51	CULV5385	CULV5307	CONDUIT	331.6	0.5360	0.0250
C52	CULV5354	CULV5315	CONDUIT	657.2	0.1788	0.0250
C53	J74	J73	CONDUIT	20.9	1.2780	0.0100
C53_1	CULV5538	J74	CONDUIT	330.7	2.8867	0.0250
C54	J73	J75	CONDUIT	316.7	3.7459	0.0250
C54_1	CULV5537	J73	CONDUIT	229.6	2.4246	0.0250
C55	J473	J389	CONDUIT	7.8	5.2173	0.0130
C55-S	J473	J389	CONDUIT	7.8	0.9682	0.0130
C56	J157	J453	CONDUIT	20.8	0.2255	0.0130
C56-S	J157	J453	CONDUIT	20.8	0.1199	0.0130
C57	J362	HPMH28	CONDUIT	85.2	0.3522	0.0130
C58	HPMH44	HPMH22	CONDUIT	74.4	1.2094	0.0350
C59	J60	G7STM262	CONDUIT	26.3	0.7465	0.0130
C59-S	J60	G7STM262	CONDUIT	26.3	1.8055	0.0130
C5-S	J441	J119	CONDUIT	130.3	0.4521	0.0130
C6	J119	J120	CONDUIT	118.0	0.6269	0.0130
C60	J76	J358	CONDUIT	323.1	0.0898	0.0250
C61	J337	Crestview1	CONDUIT	247.5	0.0283	0.0130
C62	J338	Crestview1	CONDUIT	78.2	1.2470	0.0130
C63	G14STM67	G14STM68	CONDUIT	36.7	0.8183	0.0130
C63-S	G14STM67	G14STM68	CONDUIT	36.7	0.3819	0.0130
C64	H14STM69	J368	CONDUIT	46.8	5.2183	0.0130
C64-S	H14STM69	J368	CONDUIT	46.8	3.0962	0.0130
C65	J368	G14STM68	CONDUIT	63.6	-0.3147	0.0130
C65-S	J368	G14STM68	CONDUIT	63.6	0.3634	0.0130
C66	J343	J105	CONDUIT	143.0	1.3214	0.0130
C68	HPMH22	HPMH26	CONDUIT	81.1	0.1234	0.0350
C69	HPMH4	HPMH3	CONDUIT	236.1	0.2669	0.0350
C6-S	J119	J120	CONDUIT	118.0	1.8395	0.0130
C7	J510	J121	CONDUIT	118.9	0.6226	0.0130
C70	HPMH3	HPMH29	CONDUIT	48.0	0.1458	0.0350
C71	HPMH29	HPMH6	CONDUIT	34.8	0.0009	0.0350
C72	HPMH5	HPMH2	CONDUIT	65.0	0.1231	0.0350
C73	HPMH2	HPMH39	CONDUIT	82.6	0.0436	0.0350
C74	HPMH39	HPMH49	CONDUIT	62.1	0.3286	0.0350
C75	HPMH49	HPMH36	CONDUIT	75.9	0.2318	0.0350
C76	HPMH36	HPMH51	CONDUIT	114.7	0.1333	0.0350
C77	HPMH51	Hewlett_Park_Wetland	CONDUIT	95.0	0.5588	0.0350
C78	J358	HPMH28	CONDUIT	97.2	0.5636	0.0250
C79	J63	J64	CONDUIT	66.3	0.2716	0.0250
C7-S	J510	J121	CONDUIT	118.9	0.6226	0.0130

C8	J408	J423	CONDUIT	450.7	0.4438	0.0250
C80	J64	J65	CONDUIT	94.7	0.1742	0.0250
C81	J65	J66	CONDUIT	15.6	0.6044	0.0250
C82	J66	CULV5447	CONDUIT	325.7	0.0636	0.0250
C83	J67	GCMH131	CONDUIT	123.1	0.3208	0.0250
C84	J68	GCMH16	CONDUIT	246.3	1.2485	0.0130
C85	GCMH122	GCMH121	CONDUIT	191.8	4.1290	0.0130
C86	I12STM1508	Ryders_Ridge	CONDUIT	16.0	-0.2000	0.0130
C87	J70	J71	CONDUIT	40.0	0.4998	0.0250
C88	J75	G14STM76	CONDUIT	15.3	30.0867	0.0130
C89	734	735	CONDUIT	9.4	3.7161	0.0130
C9	J407	J1	CONDUIT	62.6	3.1845	0.0250
C90	745	J76	CONDUIT	26.3	0.3041	0.0250
C91	J16	J79	CONDUIT	10.6	18.1743	0.0250
C91_1	HPMH28	J77	CONDUIT	106.7	0.0965	0.0250
C91_2	J77	J14	CONDUIT	50.7	0.0967	0.0250
C91_3	J15	J78	CONDUIT	310.9	0.5812	0.0250
C91_4	J78	J77	CONDUIT	197.3	0.5813	0.0250
C92	J79	J81	CONDUIT	33.9	4.1468	0.0250
C93	J81	Golf_Course1	CONDUIT	352.0	2.0087	0.0250
C94	Golf_Course1	Golf_Course2	CONDUIT	92.1	0.3878	0.0250
C95	Golf_Course2	J82	CONDUIT	80.7	0.8831	0.0250
C96	J83	J84	CONDUIT	24.4	6.9887	0.0250
C97	GCMH107	J83	CONDUIT	27.8	0.1729	0.0250
C98	J84	SU3	CONDUIT	604.9	0.8647	0.0250
C99	J427	J80	CONDUIT	56.3	0.3236	0.0250
GCC1	GCMH57	CULV5159_Outlet	CONDUIT	298.1	0.4327	0.0250
GCC10	GCMH126	GCMH64	CONDUIT	21.4	0.9115	0.0130
GCC11	Lakeway_Landing_Phase1	GCMH60	CONDUIT	58.1	0.1720	0.0130
GCC12	A15STM7	Lakeway_Landing_Phase1	CONDUIT	21.3	5.8729	0.0130
GCC13	C16STM1089	GCMH127	CONDUIT	3.6	0.4758	0.0130
GCC13-S	C16STM1089	GCMH127	CONDUIT	3.6	0.0560	0.0130
GCC15	GCMH129	A17STM681	CONDUIT	12.4	10.1293	0.0130
GCC17	GCMH131	C18STM1077	CONDUIT	9.6	3.4521	0.0130
GCC18	B7STM171	GCMH78	CONDUIT	14.2	0.0021	0.0130
GCC19	B7STM171	B7STM172	CONDUIT	15.7	1.2287	0.0130
GCC2	CULV5170	CULV5171	CONDUIT	22.4	0.0625	0.0250
GCC20	GCMH79	B6STM173	CONDUIT	10.2	0.3225	0.0130
GCC21	B6STM173	B6STM174	CONDUIT	15.4	0.2007	0.0130
GCC22	C7STM182	C7STM183	CONDUIT	17.8	0.3380	0.0130
GCC23	C8STM189	C8STM188	CONDUIT	11.1	0.4234	0.0130
GCC23-S	C8STM189	C8STM188	CONDUIT	11.1	0.0901	0.0130
GCC24	GCMH65	GCMH88	CONDUIT	96.3	0.2846	0.0130
GCC25	GCMH66	GCMH81	CONDUIT	7.7	7.7485	0.0130
GCC26	GCMH82	GCMH65	CONDUIT	11.9	1.6739	0.0130
GCC27	GCMH75	GCMH6	CONDUIT	46.1	1.8886	0.0130
GCC29	A14STM27	GCMH76	CONDUIT	2.4	1.7237	0.0130
GCC29-S	A14STM27	GCMH76	CONDUIT	2.4	0.2102	0.0130
GCC3	CULV5171	Marina_Bay	CONDUIT	30.2	0.0033	0.0400
GCC30	GCMH77	Westwood_Lane	CONDUIT	92.5	0.2161	0.0250
GCC31	GCMH78	SU1	CONDUIT	57.0	0.8449	0.0250
GCC32	GCMH80	CULV5158_Inlet	CONDUIT	157.5	0.0565	0.0400
GCC33	SU3	GCMH80	CONDUIT	604.8	0.6652	0.0400
GCC34	CULV5474_Outlet	SU3	CONDUIT	626.5	0.6951	0.0400
GCC35	Willow_Springs	GCMH80	CONDUIT	71.7	0.1395	0.0250
GCC36	GCMH81	Fox_Run_PH6-7	CONDUIT	67.2	0.2977	0.0250
GCC38	GCMH83	A15STM5	CONDUIT	122.9	4.0786	0.0250
GCC39	GCMH85	Lakeway_Landing_Ph2	CONDUIT	127.9	0.5004	0.0250
GCC4	CULV5178	CULV5159_Outlet	CONDUIT	21.6	2.2699	0.0250
GCC40	GCMH84	Lakeway_Landing_Ph2	CONDUIT	76.6	0.8487	0.0250
GCC41	GCMH87	Beacon_Hill	CONDUIT	73.7	1.7342	0.0250
GCC42	GCMH86	Beacon_Hill	CONDUIT	78.3	0.9973	0.0250
GCC43	CULV5158_Inlet	CULV5159_Outlet	CONDUIT	22.4	0.8909	0.0250
GCC44	CULV5159_Outlet	CULV5170	CONDUIT	15.9	1.8526	0.0400
GCC45	CULV5475_Inlet	CULV5474_Outlet	CONDUIT	22.5	0.8885	0.0250
GCC46	GCMH88	CULV5475_Inlet	CONDUIT	412.9	0.0569	0.0400
GCC47	CULV5484	CULV5485	CONDUIT	21.3	0.9387	0.0250
GCC48	CULV5481	CULV5484	CONDUIT	10.0	1.9914	0.0250
GCC49	CULV5485	GCMH98	CONDUIT	215.1	2.3848	0.0250
GCC5	CULV5472	CULV5485	CONDUIT	384.7	0.3260	0.0250
GCC50	GCMH91	GCMH92	CONDUIT	128.6	3.4119	0.0250
GCC51	GCMH92	GCMH56	CONDUIT	152.2	0.1656	0.0250
GCC52	GCMH56	GCMH57	CONDUIT	30.2	0.6621	0.0250
GCC53	CULV5179	CULV5178	CONDUIT	47.3	0.4226	0.0250
GCC54	D14STM249	D14STM244	CONDUIT	1.6	1.8742	0.0130

GCC54-S	D14STM249	D14STM244	CONDUIT	1.6	0.2498	0.0130
GCC55	C12STM254	C12STM256	CONDUIT	11.5	1.8232	0.0130
GCC55-S	C12STM254	C12STM256	CONDUIT	11.5	3.4656	0.0130
GCC56	GCMH72	GCMH69	CONDUIT	100.4	1.3517	0.0130
GCC57	GCMH69	GCMH70	CONDUIT	78.1	0.5121	0.0130
GCC58	GCMH5	GCMH108	CONDUIT	47.1	1.9897	0.0130
GCC59	GCMH108	Westwood_Lane	CONDUIT	48.4	3.1220	0.0130
GCC6	CULV5479	CULV5484	CONDUIT	128.9	1.9843	0.0250
GCC60	A14STM25	A14STM26	CONDUIT	96.7	0.2067	0.0130
GCC61	B16STM23	B15STM21	CONDUIT	59.8	2.2262	0.0130
GCC61-S	B16STM23	B15STM21	CONDUIT	59.8	0.8200	0.0130
GCC62	GCMH36	GCMH37	CONDUIT	122.5	1.4274	0.0130
GCC62-S	GCMH36	GCMH37	CONDUIT	126.9	1.5602	0.0130
GCC63	GCMH54	GCMH144	CONDUIT	60.9	0.1641	0.0130
GCC63-S	GCMH54	GCMH144	CONDUIT	60.9	-0.8896	0.0130
GCC64	GCMH121	A14STM26	CONDUIT	95.7	3.9858	0.0130
GCC65	A14STM26	GCMH140	CONDUIT	306.3	2.2114	0.0250
GCC66	GCMH140	GCMH148	CONDUIT	48.5	0.4124	0.0250
GCC67	GCMH148	GCMH88	CONDUIT	429.9	1.5858	0.0250
GCC68	GCMH93	CULV5158_Inlet	CONDUIT	30.6	0.5908	0.0250
GCC7	GCMH123	GCMH64	CONDUIT	7.6	2.7161	0.0130
GCC71	GCMH153	GCMH130	CONDUIT	109.3	0.4584	0.0250
GCC72	CULV5471	GCMH2	CONDUIT	59.1	0.1354	0.0250
GCC73	GCMH2	CULV5485	CONDUIT	133.7	1.1919	0.0250
GCC74	GCMH125	CULV5484	CONDUIT	125.1	0.0320	0.0250
GCC75	GCMH4	GCMH153	CONDUIT	36.3	0.2758	0.0100
GCC8	GCMH124	GCMH64	CONDUIT	4.1	0.5617	0.0130
GCC9	GCMH64	GCMH125	CONDUIT	16.9	0.5746	0.0130
HPC1	HPMH21	HPMH11	CONDUIT	65.1	0.4070	0.0130
HPC14	HPMH6	HPMH5	CONDUIT	28.3	0.0706	0.0250
HPC15	CULV5002	CULV5004	CONDUIT	34.4	0.8727	0.0250
HPC19	HPMH16	CULV5002	CONDUIT	651.7	0.1363	0.0250
HPC2	HPMH12	HPMH20	CONDUIT	9.2	0.1088	0.0130
HPC20	HPMH40	HPMH23	CONDUIT	61.9	0.1535	0.0130
HPC21_1	CULV5004	J2	CONDUIT	76.7	0.3833	0.0250
HPC21_2	J4	CULV5466	CONDUIT	321.0	0.2115	0.0250
HPC22	HPMH23	HPMH42	CONDUIT	56.6	0.0336	0.0130
HPC24	HPMH25	HPMH43	CONDUIT	14.8	-7.6732	0.0130
HPC25	HPMH20	HPMH25	CONDUIT	94.7	0.1901	0.0130
HPC26	CULV5467	HPMH45	CONDUIT	406.1	0.6235	0.0250
HPC27	CULV5466	CULV5467	CONDUIT	20.7	0.9640	0.0250
HPC28	HPMH34	HPMH39	CONDUIT	53.5	1.1766	0.0350
HPC29	HPMH26	HPMH4	CONDUIT	30.4	0.3949	0.0250
HPC3	HPMH37	Hewlett_Park	CONDUIT	43.4	0.4358	0.0250
HPC33	HPMH1	HPMH43	CONDUIT	222.9	0.5383	0.0350
HPC34_1	HPMH43	J18	CONDUIT	247.2	0.4045	0.0350
HPC34_2	J18	HPMH47	CONDUIT	174.9	0.4116	0.0350
HPC35	HPMH47	CULV5453	CONDUIT	150.6	0.0133	0.0350
HPC36	HPMH11	HPMH12	CONDUIT	97.8	0.5386	0.0130
HPC37	CULV5451	CULV5450	CONDUIT	12.7	0.6948	0.0250
HPC38	CULV5444	CULV5445	CONDUIT	12.2	1.6414	0.0250
HPC39	HPMH42	HPMH36	CONDUIT	64.9	0.1032	0.0350
HPC4	HPMH41	Hewlett_Park_Wetland	CONDUIT	223.9	0.2966	0.0350
HPC40	CULV5454	CULV5451	CONDUIT	32.1	2.0014	0.0250
HPC42	CULV5450	CULV5452	CONDUIT	9.7	0.6581	0.0250
HPC43	CULV5447	CULV5446	CONDUIT	16.8	0.3561	0.0250
HPC44	CULV5453	CULV5452	CONDUIT	16.8	0.0018	0.0250
HPC45	CULV5452	CULV5447	CONDUIT	31.7	0.6313	0.0350
HPC46	CULV5440	CULV5444	CONDUIT	51.8	0.1717	0.0250
HPC47	CULV5445	CULV5446	CONDUIT	14.1	7.4543	0.0250
HPC48	CULV5446	HPMH45	CONDUIT	194.6	0.0514	0.0250
HPC49	HPMH45	HPMH46	CONDUIT	63.9	0.4853	0.0250
HPC5	Hewlett_Park_Wetland	HPMH47	CONDUIT	43.9	0.0007	0.0250
HPC6	HPMH46	J348	CONDUIT	544.4	0.1819	0.0250
SRM1	B15STM16	B15STM15	CONDUIT	54.5	3.3231	0.0130
SRM1000	J242	J338	CONDUIT	38.4	3.7542	0.0130
SRM1002	J142	J337	CONDUIT	37.3	3.7866	0.0130
SRM1008	HPMH19	HPMH13	CONDUIT	40.4	0.2351	0.0130
SRM101	B16STM675	B16STM193	CONDUIT	48.1	5.2536	0.0130
SRM1012	HPMH18	HPMH17	CONDUIT	71.1	0.1575	0.0130
SRM1013	HPMH17	HPMH15	CONDUIT	73.7	0.1505	0.0130
SRM1014	HPMH14	HPMH15	CONDUIT	82.1	0.1497	0.0130
SRM1015	HPMH13	HPMH14	CONDUIT	62.4	0.1507	0.0130
SRM1017	HPMH19	HPMH18	CONDUIT	85.0	0.1918	0.0130
SRM1018	HPMH40	HPMH18	CONDUIT	61.5	0.1464	0.0130

SRM102	GCMH33	B17STM679	CONDUIT	59.9	0.5640	0.0130
SRM103	A16STM689	GCMH62	CONDUIT	63.1	0.7132	0.0130
SRM104	GCMH62	B16STM690	CONDUIT	44.8	1.2497	0.0130
SRM1040	HPMH15	HPMH41	CONDUIT	56.7	0.0988	0.0130
SRM105	B16STM690	GCMH84	CONDUIT	59.3	2.7835	0.0130
SRM1053	GCMH111	GCMH38	CONDUIT	17.7	1.9820	0.0130
SRM106	B15STM692	GCMH83	CONDUIT	71.2	0.4212	0.0130
SRM107_2	J20	B15STM692	CONDUIT	28.3	0.7168	0.0130
SRM108	C17STM1081	C17STM1079	CONDUIT	40.6	0.3814	0.0130
SRM109	I12STM1471	I12STM1489	CONDUIT	74.3	0.7676	0.0130
SRM109-S	I12STM1471	I12STM1489	CONDUIT	88.2	0.8387	0.0130
SRM110	I12STM1507	I12STM1508	CONDUIT	61.2	0.2417	0.0130
SRM111	I12STM1503	I12STM1508	CONDUIT	51.0	0.1998	0.0130
SRM112	I12STM1488	I12STM1507	CONDUIT	48.2	0.2180	0.0130
SRM114	B14STM39	B13STM41	CONDUIT	92.7	1.6729	0.0130
SRM116	B13STM42	B13STM43	CONDUIT	36.7	1.2001	0.0130
SRM120	A13STM46	B13STM47	CONDUIT	54.0	1.5559	0.0130
SRM120-S	A13STM46	B13STM47	CONDUIT	54.0	1.0557	0.0130
SRM121	A13STM49	A12STM48	CONDUIT	108.2	1.3214	0.0130
SRM122	B13STM47	A12STM48	CONDUIT	59.5	1.4614	0.0130
SRM122-S	B13STM47	A12STM48	CONDUIT	59.5	3.8827	0.0130
SRM123	A12STM48	A12STM50	CONDUIT	47.8	3.9168	0.0130
SRM123-S	A12STM48	A12STM50	CONDUIT	47.8	4.6303	0.0130
SRM124	A12STM50	A12STM51	CONDUIT	37.7	1.4609	0.0130
SRM124-S	A12STM50	A12STM51	CONDUIT	37.7	11.1975	0.0130
SRM125	A12STM53	A12STM52	CONDUIT	56.5	0.7970	0.0130
SRM125-S	A12STM53	A12STM52	CONDUIT	56.5	-0.3418	0.0130
SRM13	GCMH76	B14STM30	CONDUIT	135.7	0.6971	0.0130
SRM130	I12STM1508	I12STM1513	CONDUIT	85.9	0.0990	0.0130
SRM1306	J535	J155	CONDUIT	31.0	0.1709	0.0130
SRM1306-S	J535	J155	CONDUIT	36.0	0.0500	0.0130
SRM1308	J155	J156	CONDUIT	14.9	0.1613	0.0130
SRM1308-S	J155	J156	CONDUIT	24.2	3.1598	0.0130
SRM1309	J156	J157	CONDUIT	41.3	0.1937	0.0130
SRM1309-S	J156	J157	CONDUIT	41.3	0.6005	0.0130
SRM131	I12STM1513	I12STM1514	CONDUIT	47.5	0.1010	0.0130
SRM1310	J537	F9STM259	CONDUIT	47.6	0.2102	0.0250
SRM132	I12STM1514	I12STM1515	CONDUIT	71.6	0.0992	0.0130
SRM134	HPMH10	J10STM1875	CONDUIT	47.8	0.6988	0.0130
SRM136	A5STM160	A5STM1	CONDUIT	92.4	1.8182	0.0130
SRM136-S	A5STM160	A5STM1	CONDUIT	92.4	1.9481	0.0130
SRM137	A5STM158	A5STM1	CONDUIT	55.2	2.2486	0.0130
SRM137-S	A5STM158	A5STM1	CONDUIT	55.2	2.4119	0.0130
SRM138	A15STM2	A15STM3	CONDUIT	90.4	2.8779	0.0130
SRM138-S	A15STM2	A15STM3	CONDUIT	90.4	2.8447	0.0130
SRM139	A15STM3	A15STM4	CONDUIT	95.9	0.6674	0.0130
SRM139-S	A15STM3	A15STM4	CONDUIT	95.9	0.7613	0.0130
SRM13-S	GCMH76	B14STM30	CONDUIT	135.7	0.6860	0.0130
SRM14	GCMH35	GCMH36	CONDUIT	98.7	2.7537	0.0130
SRM142	GCMH60	A14STM25	CONDUIT	143.6	0.2297	0.0130
SRM144	B15STM15	B15STM8	CONDUIT	34.2	4.2981	0.0130
SRM144-S	B15STM15	B15STM8	CONDUIT	34.2	4.3859	0.0130
SRM145	B15STM8	GCMH6	CONDUIT	18.6	0.1395	0.0130
SRM145-S	B15STM8	GCMH6	CONDUIT	18.6	2.1623	0.0130
SRM146	B15STM14	B15STM15	CONDUIT	51.4	1.0698	0.0130
SRM146-S	B15STM14	B15STM15	CONDUIT	51.4	1.2838	0.0130
SRM147	B15STM9	B15STM13	CONDUIT	32.9	0.6691	0.0130
SRM148	B15STM10	B15STM13	CONDUIT	51.1	2.1535	0.0130
SRM148-S	B15STM10	B15STM13	CONDUIT	51.1	2.1927	0.0130
SRM149	B15STM13	B15STM14	CONDUIT	85.1	2.2219	0.0130
SRM149-S	B15STM13	B15STM14	CONDUIT	85.1	3.3869	0.0130
SRM14-S	GCMH35	GCMH36	CONDUIT	98.7	2.3511	0.0130
SRM150	B15STM12	B15STM11	CONDUIT	46.0	0.1956	0.0130
SRM151	A12STM51	A12STM52	CONDUIT	23.4	1.6703	0.0130
SRM151-S	A12STM51	A12STM52	CONDUIT	23.4	-8.9860	0.0130
SRM152	A13STM54	A12STM53	CONDUIT	96.7	0.8581	0.0130
SRM152-S	A13STM54	A12STM53	CONDUIT	96.7	1.6087	0.0130
SRM153	GCMH94	A13STM54	CONDUIT	50.0	0.7794	0.0130
SRM154	A12STM55	A12STM56	CONDUIT	30.5	0.9195	0.0130
SRM155	A12STM56	A12STM58	CONDUIT	31.7	1.5504	0.0130
SRM156	A12STM58	A12STM57	CONDUIT	60.8	1.3975	0.0130
SRM158	B11STM238	A11STM239	CONDUIT	100.6	1.4052	0.0130
SRM158-S	B11STM238	A11STM239	CONDUIT	100.6	0.4074	0.0130
SRM16	GCMH101	GCMH35	CONDUIT	108.8	1.8511	0.0130
SRM162	F14STM59	F14STM60	CONDUIT	50.5	6.5098	0.0130

SRM162-S	F14STM59	F14STM60	CONDUIT	50.5	5.6734	0.0130
SRM163	F14STM60	F14STM61	CONDUIT	95.1	5.0976	0.0130
SRM163-S	F14STM60	F14STM61	CONDUIT	95.1	5.2983	0.0130
SRM164	F14STM61	G14STM62	CONDUIT	75.9	4.3792	0.0130
SRM164-S	F14STM61	G14STM62	CONDUIT	75.9	3.8507	0.0130
SRM165	G14STM62	G14STM63	CONDUIT	58.5	3.0118	0.0130
SRM165-S	G14STM62	G14STM63	CONDUIT	58.5	1.7450	0.0130
SRM166	G14STM63	G14STM64	CONDUIT	85.9	2.6888	0.0130
SRM166-S	G14STM63	G14STM64	CONDUIT	85.9	2.6189	0.0130
SRM168	G14STM64	G14STM65	CONDUIT	76.5	2.8098	0.0130
SRM168-S	G14STM64	G14STM65	CONDUIT	76.5	2.6921	0.0130
SRM16-S	GCMH101	GCMH35	CONDUIT	108.8	1.7324	0.0130
SRM17	B14STM30	B13STM41	CONDUIT	48.3	1.3043	0.0130
SRM170	G14STM71	G14STM67	CONDUIT	94.1	1.3389	0.0130
SRM170-S	G14STM71	G14STM67	CONDUIT	94.1	0.3613	0.0130
SRM171	G14STM66	G14STM67	CONDUIT	66.8	0.2696	0.0130
SRM1710	GCMH114	GCMH7	CONDUIT	46.2	1.5601	0.0130
SRM1711	GCMH7	GCMH115	CONDUIT	14.7	7.7957	0.0130
SRM1712	GCMH7	GCMH8	CONDUIT	54.8	5.4126	0.0130
SRM1713	GCMH8	GCMH9	CONDUIT	42.2	5.4185	0.0130
SRM1714	GCMH9	GCMH27	CONDUIT	99.4	3.1003	0.0130
SRM1715	GCMH27	GCMH29	CONDUIT	63.1	1.0880	0.0130
SRM1716	GCMH29	GCMH30	CONDUIT	131.6	2.2611	0.0130
SRM1717	GCMH30	GCMH31	CONDUIT	15.2	1.9138	0.0130
SRM1718	GCMH116	GCMH31	CONDUIT	11.8	0.2637	0.0130
SRM1719	GCMH28	GCMH31	CONDUIT	46.3	0.6086	0.0130
SRM171-S	G14STM66	G14STM67	CONDUIT	66.8	-3.4913	0.0130
SRM1720	GCMH14	GCMH28	CONDUIT	53.1	1.8411	0.0130
SRM1721	GCMH13	GCMH14	CONDUIT	41.7	2.0622	0.0130
SRM1722	GCMH9	GCMH10	CONDUIT	82.9	4.4167	0.0130
SRM1723	GCMH10	GCMH13	CONDUIT	31.8	0.4405	0.0130
SRM1724	GCMH12	GCMH13	CONDUIT	44.5	1.4668	0.0130
SRM1725	GCMH11	GCMH12	CONDUIT	17.8	5.0327	0.0130
SRM1726	GCMH117	GCMH11	CONDUIT	15.5	4.2858	0.0130
SRM1727	GCMH14	GCMH26	CONDUIT	77.1	0.8487	0.0130
SRM1728	GCMH26	GCMH25	CONDUIT	11.9	0.9700	0.0130
SRM1729	GCMH25	GCMH20	CONDUIT	72.3	0.9284	0.0130
SRM1730	GCMH18	GCMH20	CONDUIT	49.8	0.3491	0.0130
SRM1731	GCMH17	GCMH18	CONDUIT	32.0	0.4190	0.0130
SRM1732	GCMH118	GCMH15	CONDUIT	24.0	2.0257	0.0130
SRM1733	GCMH15	GCMH19	CONDUIT	80.5	1.0804	0.0130
SRM1734	GCMH119	GCMH19	CONDUIT	22.5	2.6858	0.0130
SRM1735	GCMH120	GCMH19	CONDUIT	14.0	2.7441	0.0130
SRM1736	GCMH19	GCMH20	CONDUIT	9.8	1.0515	0.0130
SRM1737	GCMH20	GCMH22	CONDUIT	36.3	1.4062	0.0130
SRM1738	GCMH22	Waterford_Station_Pond1	CONDUIT	50.7	2.3695	0.0130
SRM1739	GCMH31	GCMH24	CONDUIT	136.9	0.5209	0.0130
SRM1740	GCMH24	GCMH23	CONDUIT	62.1	1.5155	0.0130
SRM1741	GCMH23	Waterford_Station_Pond1	CONDUIT	60.6	2.1789	0.0130
SRM1743	GCMH21	GCMH121	CONDUIT	34.0	0.2175	0.0130
SRM1744	GCMH16	GCMH122	CONDUIT	46.4	0.4999	0.0130
SRM176	H14STM70	H14STM69	CONDUIT	96.3	2.9821	0.0130
SRM176-S	H14STM70	H14STM69	CONDUIT	96.3	1.3399	0.0130
SRM178	G14STM74	G14STM72	CONDUIT	47.4	2.4883	0.0130
SRM178-S	G14STM74	G14STM72	CONDUIT	47.4	3.9241	0.0130
SRM179	G14STM72	G14STM71	CONDUIT	38.9	1.3632	0.0130
SRM179-S	G14STM72	G14STM71	CONDUIT	38.9	0.9259	0.0130
SRM18	B14STM36	B14STM40	CONDUIT	47.1	2.4610	0.0130
SRM180	G14STM75	G14STM74	CONDUIT	93.4	2.4836	0.0130
SRM180-S	G14STM75	G14STM74	CONDUIT	93.4	3.0943	0.0130
SRM181	G14STM76	G14STM75	CONDUIT	83.9	2.1569	0.0130
SRM181-S	G14STM76	G14STM75	CONDUIT	83.9	4.2930	0.0130
SRM19	B13STM240	B13STM42	CONDUIT	48.8	2.3966	0.0130
SRM195	I11STM92	I10STM93	CONDUIT	53.3	0.2494	0.0130
SRM195-S	I11STM92	I10STM93	CONDUIT	53.3	0.8120	0.0130
SRM196	I10STM93	I10STM94	CONDUIT	70.5	0.2412	0.0130
SRM196-S	I10STM93	I10STM94	CONDUIT	70.5	0.5364	0.0130
SRM197	I10STM94	I10STM95	CONDUIT	34.8	0.3881	0.0130
SRM197-S	I10STM94	I10STM95	CONDUIT	34.8	-0.3708	0.0130
SRM198	I10STM95	I9STM96	CONDUIT	123.8	0.3596	0.0130
SRM198-S	I10STM95	I9STM96	CONDUIT	123.8	0.1067	0.0130
SRM199	I9STM143	I9STM96	CONDUIT	87.2	0.3441	0.0130
SRM199-S	I9STM143	I9STM96	CONDUIT	87.2	-0.0906	0.0130
SRM1-S	B15STM16	B15STM15	CONDUIT	54.5	3.4150	0.0130
SRM2	B15STM17	B15STM16	CONDUIT	58.4	3.7031	0.0130

SRM20	B13STM43	A13STM45	CONDUIT	44.3	1.4228	0.0130
SRM200	I9STM96	I9STM97	CONDUIT	66.3	0.4375	0.0130
SRM200-S	I9STM96	I9STM97	CONDUIT	66.3	0.8238	0.0130
SRM201	I9STM97	I9STM98	CONDUIT	54.2	0.3137	0.0130
SRM201-S	I9STM97	I9STM98	CONDUIT	54.2	0.5775	0.0130
SRM202	I9STM98	I8STM99	CONDUIT	135.7	0.5194	0.0130
SRM202-S	I9STM98	I8STM99	CONDUIT	135.7	0.5651	0.0130
SRM204	I8STM99	I8STM100	CONDUIT	108.5	0.1844	0.0130
SRM204-S	I8STM99	I8STM100	CONDUIT	108.5	0.3319	0.0130
SRM206	I8STM102	I8STM100	CONDUIT	43.9	0.5701	0.0130
SRM206-S	I8STM102	I8STM100	CONDUIT	43.9	0.4356	0.0130
SRM208	I8STM100	I8STM104	CONDUIT	55.7	0.0897	0.0130
SRM208-S	I8STM100	I8STM104	CONDUIT	55.7	0.1077	0.0130
SRM209	I8STM104	I8STM106	CONDUIT	125.5	0.1546	0.0130
SRM209-S	I8STM104	I8STM106	CONDUIT	125.5	0.1355	0.0130
SRM21	A13STM44	B13STM43	CONDUIT	82.2	1.0709	0.0130
SRM214	J7STM109	J7STM110	CONDUIT	50.5	0.1346	0.0130
SRM215	J7STM110	HPMH29	CONDUIT	51.8	0.2006	0.0130
SRM215-S	J7STM110	HPMH29	CONDUIT	51.8	3.1655	0.0130
SRM216	I8STM111	I8STM100	CONDUIT	44.3	0.2260	0.0130
SRM216-S	I8STM111	I8STM100	CONDUIT	44.3	-0.9356	0.0130
SRM218	J8STM112	J8STM113	CONDUIT	67.3	0.2481	0.0130
SRM218-S	J8STM112	J8STM113	CONDUIT	67.3	-0.6433	0.0130
SRM219	HPMH48	J8STM120	CONDUIT	48.7	0.1109	0.0130
SRM219-S	HPMH48	J8STM120	CONDUIT	48.7	0.2075	0.0130
SRM22	A13STM45	A13STM46	CONDUIT	66.4	1.4150	0.0130
SRM220	J8STM118	J8STM117	CONDUIT	79.7	0.3411	0.0130
SRM220-S	J8STM118	J8STM117	CONDUIT	79.7	-0.5618	0.0130
SRM221	J9STM115	J8STM117	CONDUIT	45.0	0.2488	0.0130
SRM221-S	J9STM115	J8STM117	CONDUIT	45.0	0.4531	0.0130
SRM222	J8STM117	J8STM113	CONDUIT	50.5	0.2932	0.0130
SRM222-S	J8STM117	J8STM113	CONDUIT	50.5	0.2952	0.0130
SRM223	J9STM114	J9STM115	CONDUIT	38.6	0.0933	0.0130
SRM223-S	J9STM114	J9STM115	CONDUIT	38.6	-0.9408	0.0130
SRM224	J9STM116	J9STM115	CONDUIT	47.0	0.3279	0.0130
SRM224-S	J9STM116	J9STM115	CONDUIT	47.0	-0.6047	0.0130
SRM225	J9STM1871	J9STM116	CONDUIT	55.1	0.1542	0.0130
SRM225-S	J9STM1871	J9STM116	CONDUIT	55.1	0.6278	0.0130
SRM227	J8STM119	J8STM113	CONDUIT	67.5	0.2562	0.0130
SRM227-S	J8STM119	J8STM113	CONDUIT	67.5	-0.6621	0.0130
SRM228	J8STM121	J7STM122	CONDUIT	51.2	0.2110	0.0130
SRM228-S	J8STM121	J7STM122	CONDUIT	51.2	0.4239	0.0130
SRM229	J8STM120	J8STM121	CONDUIT	43.1	0.1532	0.0130
SRM229-S	J8STM120	J8STM121	CONDUIT	43.1	-0.1137	0.0130
SRM23	A12STM52	A12STM55	CONDUIT	55.8	1.0572	0.0130
SRM230	J7STM122	J7STM123	CONDUIT	45.1	0.1443	0.0130
SRM230-S	J7STM122	J7STM123	CONDUIT	45.1	-0.4550	0.0130
SRM231	J7STM123	J7STM124	CONDUIT	48.5	0.1588	0.0130
SRM231-S	J7STM123	J7STM124	CONDUIT	48.5	0.4517	0.0130
SRM232	J7STM124	J7STM110	CONDUIT	45.5	0.1055	0.0130
SRM232-S	J7STM124	J7STM110	CONDUIT	45.5	0.7694	0.0130
SRM233	I7STM125	J7STM110	CONDUIT	123.4	0.3169	0.0130
SRM233-S	I7STM125	J7STM110	CONDUIT	123.4	0.0486	0.0130
SRM238	I8STM132	I7STM129	CONDUIT	48.0	0.1459	0.0130
SRM238-S	I8STM132	I7STM129	CONDUIT	48.0	0.2647	0.0130
SRM239	I8STM152	I8STM130	CONDUIT	49.6	0.1007	0.0130
SRM239-S	I8STM152	I8STM130	CONDUIT	49.6	0.1390	0.0130
SRM24	A15STM4	Lakeway_Landing_Phase1	CONDUIT	40.5	4.7220	0.0130
SRM240	I8STM130	H7STM133	CONDUIT	96.8	0.2067	0.0130
SRM240-S	I8STM130	H7STM133	CONDUIT	96.8	0.1013	0.0130
SRM242	H8STM134	H7STM133	CONDUIT	94.0	0.1969	0.0130
SRM242-S	H8STM134	H7STM133	CONDUIT	94.0	0.2991	0.0130
SRM243	H8STM135	H8STM134	CONDUIT	32.6	0.2457	0.0130
SRM243-S	H8STM135	H8STM134	CONDUIT	32.6	-0.3010	0.0130
SRM244	D14STM248	D14STM247	CONDUIT	89.3	2.4644	0.0130
SRM244-S	D14STM248	D14STM247	CONDUIT	89.3	2.1562	0.0130
SRM245	D14STM247	D14STM249	CONDUIT	102.1	1.8223	0.0130
SRM245-S	D14STM247	D14STM249	CONDUIT	102.1	1.9547	0.0130
SRM246	D13STM250	D13STM251	CONDUIT	68.9	1.8152	0.0130
SRM246-S	D13STM250	D13STM251	CONDUIT	92.6	0.7995	0.0130
SRM247	D13STM251	C13STM252	CONDUIT	132.8	1.8222	0.0130
SRM247-S	D13STM251	C13STM252	CONDUIT	134.3	-1.7089	0.0130
SRM248	C13STM252	C12STM253	CONDUIT	118.4	1.8240	0.0130
SRM248-S	C13STM252	C12STM253	CONDUIT	118.4	-0.0220	0.0130
SRM249	C12STM253	C12STM254	CONDUIT	88.5	1.8191	0.0130

SRM249-S	C12STM253	C12STM254	CONDUIT	88.5	3.7928	0.0130
SRM25	A15STM6	GCMH60	CONDUIT	59.8	0.2174	0.0130
SRM250	D12STM255	C12STM256	CONDUIT	126.5	0.0554	0.0130
SRM250-S	D12STM255	C12STM256	CONDUIT	126.5	-0.6452	0.0130
SRM251	I13STM1525	I13STM1526	CONDUIT	89.1	1.1043	0.0130
SRM251-S	I13STM1525	I13STM1526	CONDUIT	89.1	1.3422	0.0130
SRM252	I14STM1528	I13STM1527	CONDUIT	43.8	0.2398	0.0130
SRM253	I13STM1527	I14STM1530	CONDUIT	55.3	1.0462	0.0130
SRM253-S	I13STM1527	I14STM1530	CONDUIT	55.3	0.9396	0.0130
SRM254	I14STM1522	I14STM1529	CONDUIT	54.2	2.9722	0.0130
SRM254-S	I14STM1522	I14STM1529	CONDUIT	54.2	2.6581	0.0130
SRM255	I14STM1529	I14STM1530	CONDUIT	41.6	3.0043	0.0130
SRM255-S	I14STM1529	I14STM1530	CONDUIT	41.6	2.6216	0.0130
SRM256	I14STM1530	I13STM1478	CONDUIT	103.0	1.5061	0.0130
SRM256-S	I14STM1530	I13STM1478	CONDUIT	103.0	1.6314	0.0130
SRM257	H13STM1532	H13STM1533	CONDUIT	100.1	0.4853	0.0130
SRM257-S	H13STM1532	H13STM1533	CONDUIT	100.1	0.9487	0.0130
SRM258	H13STM2276	H13STM1532	CONDUIT	79.9	0.3428	0.0130
SRM258-S	H13STM2276	H13STM1532	CONDUIT	79.9	0.9384	0.0130
SRM259	H13STM1531	H13STM1532	CONDUIT	32.5	0.4677	0.0130
SRM259-S	H13STM1531	H13STM1532	CONDUIT	32.5	0.8615	0.0130
SRM26	B15STM8	A15STM7	CONDUIT	53.3	2.5884	0.0130
SRM261	J10STM1873	J9STM1872	CONDUIT	82.3	0.2273	0.0130
SRM261-S	J10STM1873	J9STM1872	CONDUIT	82.3	0.5956	0.0130
SRM262	J9STM1872	J9STM1871	CONDUIT	95.8	0.2892	0.0130
SRM262-S	J9STM1872	J9STM1871	CONDUIT	95.8	0.4124	0.0130
SRM263	J10STM1877	J10STM1876	CONDUIT	57.6	0.2465	0.0130
SRM263-S	J10STM1877	J10STM1876	CONDUIT	57.6	1.3870	0.0130
SRM264	J10STM1874	J10STM1873	CONDUIT	54.4	0.2242	0.0130
SRM264-S	J10STM1874	J10STM1873	CONDUIT	54.4	-0.4319	0.0130
SRM266	H8STM136	H8STM135	CONDUIT	85.4	0.2986	0.0130
SRM266-S	H8STM136	H8STM135	CONDUIT	85.4	0.5070	0.0130
SRM267	H9STM138	H8STM137	CONDUIT	90.9	0.4123	0.0130
SRM267-S	H9STM138	H8STM137	CONDUIT	90.9	0.5454	0.0130
SRM268	H8STM137	H8STM136	CONDUIT	45.5	0.5168	0.0130
SRM268-S	H8STM137	H8STM136	CONDUIT	45.5	0.5938	0.0130
SRM269	I9STM139	I8STM140	CONDUIT	91.3	0.7664	0.0130
SRM269-S	I9STM139	I8STM140	CONDUIT	91.3	1.0171	0.0130
SRM27	A11STM239	GCMH66	CONDUIT	62.4	0.5141	0.0130
SRM270	I8STM140	I8STM141	CONDUIT	40.2	0.4981	0.0130
SRM270-S	I8STM140	I8STM141	CONDUIT	40.2	-0.3387	0.0130
SRM272	I10STM144	I10STM145	CONDUIT	41.3	0.0606	0.0130
SRM272-S	I10STM144	I10STM145	CONDUIT	41.3	-1.0931	0.0130
SRM273	J61	I10STM146	CONDUIT	21.9	0.6387	0.0130
SRM274	I10STM145	I10STM146	CONDUIT	45.4	0.2006	0.0130
SRM274-S	I10STM145	I10STM146	CONDUIT	45.4	0.5313	0.0130
SRM275	I10STM146	I10STM147	CONDUIT	41.9	0.2004	0.0130
SRM275-S	I10STM146	I10STM147	CONDUIT	41.9	0.5990	0.0130
SRM276	I9STM149	I9STM148	CONDUIT	28.3	0.2831	0.0130
SRM276-S	I9STM149	I9STM148	CONDUIT	28.3	-0.1026	0.0130
SRM277	I10STM147	I9STM148	CONDUIT	58.0	0.1983	0.0130
SRM277-S	I10STM147	I9STM148	CONDUIT	58.0	0.6002	0.0130
SRM28	A12STM57	GCMH66	CONDUIT	36.6	1.3689	0.0130
SRM280	J106	I11STM153	CONDUIT	371.5	0.5437	0.0130
SRM280-S	J106	I11STM153	CONDUIT	371.5	0.5101	0.0130
SRM281	I11STM154	J11STM155	CONDUIT	157.2	0.6298	0.0130
SRM281-S	I11STM154	J11STM155	CONDUIT	157.2	0.5261	0.0130
SRM283	J11STM155	J11STM156	CONDUIT	74.1	0.6208	0.0130
SRM283-S	J11STM155	J11STM156	CONDUIT	74.1	1.1647	0.0130
SRM284	J11STM156	J11STM157	CONDUIT	94.1	0.6281	0.0130
SRM284-S	J11STM156	J11STM157	CONDUIT	94.1	-0.5856	0.0130
SRM287	A5STM161	A5STM160	CONDUIT	88.6	2.3484	0.0130
SRM287-S	A5STM161	A5STM160	CONDUIT	88.6	2.0321	0.0130
SRM288	A6STM163	A6STM162	CONDUIT	44.8	1.6952	0.0130
SRM289	A7STM165	A7STM166	CONDUIT	55.7	3.6126	0.0130
SRM289-S	A7STM165	A7STM166	CONDUIT	55.7	2.9096	0.0130
SRM290	A7STM166	B7STM167	CONDUIT	50.9	3.6527	0.0130
SRM290-S	A7STM166	B7STM167	CONDUIT	50.9	4.1709	0.0130
SRM291	B7STM167	B7STM168	CONDUIT	82.7	3.6465	0.0130
SRM291-S	B7STM167	B7STM168	CONDUIT	82.7	3.9081	0.0130
SRM292	B7STM170	B7STM169	CONDUIT	59.3	0.4971	0.0130
SRM293	B7STM168	B7STM169	CONDUIT	34.0	1.8200	0.0130
SRM293-S	B7STM168	B7STM169	CONDUIT	34.0	4.2017	0.0130
SRM298	B7STM176	B7STM175	CONDUIT	40.6	3.1481	0.0130
SRM298-S	B7STM176	B7STM175	CONDUIT	40.6	-0.6481	0.0130

SRM299	B7STM175	B7STM177	CONDUIT	119.3	0.2112	0.0130
SRM299-S	B7STM175	B7STM177	CONDUIT	119.3	0.4526	0.0130
SRM2-S	B15STM17	B15STM16	CONDUIT	58.4	3.7203	0.0130
SRM3	B15STM18	B15STM17	CONDUIT	39.8	1.2559	0.0130
SRM30	G14STM65	J105	CONDUIT	66.5	0.7824	0.0130
SRM300	B7STM177	C7STM178	CONDUIT	61.3	0.1876	0.0130
SRM300-S	B7STM177	C7STM178	CONDUIT	61.3	0.1632	0.0130
SRM301	C7STM178	C7STM179	CONDUIT	52.2	0.1972	0.0130
SRM301-S	C7STM178	C7STM179	CONDUIT	52.2	0.6893	0.0130
SRM303	C6STM180	C7STM179	CONDUIT	76.7	0.6505	0.0130
SRM303-S	C6STM180	C7STM179	CONDUIT	80.3	-1.1775	0.0130
SRM304	C7STM179	C7STM182	CONDUIT	113.2	0.0875	0.0130
SRM304-S	C7STM179	C7STM182	CONDUIT	119.7	-0.1922	0.0130
SRM307	B7STM184	C7STM185	CONDUIT	140.1	0.2155	0.0130
SRM307-S	B7STM184	C7STM185	CONDUIT	140.1	0.4068	0.0130
SRM308	C7STM185	C7STM187	CONDUIT	43.3	0.3143	0.0130
SRM308-S	C7STM185	C7STM187	CONDUIT	43.3	-0.4160	0.0130
SRM31	G14STM68	Pier_View	CONDUIT	31.8	-3.8722	0.0130
SRM310	C7STM187	C7STM182	CONDUIT	72.4	0.2583	0.0130
SRM310-S	C7STM187	C7STM182	CONDUIT	72.4	0.3039	0.0130
SRM312	C7STM187	C8STM188	CONDUIT	68.3	0.6264	0.0130
SRM312-S	C7STM187	C8STM188	CONDUIT	68.3	0.4683	0.0130
SRM313	B8STM191	B8STM190	CONDUIT	122.0	0.9817	0.0130
SRM313-S	B8STM191	B8STM190	CONDUIT	122.0	0.8932	0.0130
SRM314	B8STM190	C8STM189	CONDUIT	129.2	0.3105	0.0130
SRM314-S	B8STM190	C8STM189	CONDUIT	129.2	0.4026	0.0130
SRM315	GCMH3	B7STM175	CONDUIT	105.7	0.6472	0.0130
SRM315-S	GCMH3	B7STM175	CONDUIT	105.7	0.4163	0.0130
SRM316	B16STM194	B16STM192	CONDUIT	44.9	1.4939	0.0130
SRM316-S	B16STM194	B16STM192	CONDUIT	44.9	1.3155	0.0130
SRM317	B16STM192	B16STM193	CONDUIT	74.6	0.7772	0.0130
SRM318	B15STM195	B16STM194	CONDUIT	46.6	1.2457	0.0130
SRM318-S	B15STM195	B16STM194	CONDUIT	46.6	-0.6014	0.0130
SRM319	C15STM196	B15STM197	CONDUIT	50.9	2.1595	0.0130
SRM32	J342	J343	CONDUIT	33.8	4.5313	0.0130
SRM320	C15STM198	C15STM196	CONDUIT	72.0	2.3068	0.0130
SRM321	C15STM200	B15STM199	CONDUIT	101.2	0.6919	0.0130
SRM321-S	C15STM200	B15STM199	CONDUIT	101.2	0.8877	0.0130
SRM322	C15STM201	C15STM200	CONDUIT	42.3	0.4967	0.0130
SRM322-S	C15STM201	C15STM200	CONDUIT	42.3	0.6906	0.0130
SRM323	C15STM202	C15STM201	CONDUIT	98.1	0.3161	0.0130
SRM323-S	C15STM202	C15STM201	CONDUIT	98.1	1.2644	0.0130
SRM325	GCMH95	B14STM204	CONDUIT	46.1	4.0629	0.0130
SRM325-S	GCMH95	B14STM204	CONDUIT	46.1	3.2798	0.0130
SRM326	B14STM204	B14STM214	CONDUIT	115.8	3.7779	0.0130
SRM326-S	B14STM204	B14STM214	CONDUIT	115.8	3.1716	0.0130
SRM327	C14STM206	C14STM205	CONDUIT	40.2	2.5371	0.0130
SRM327-S	C14STM206	C14STM205	CONDUIT	40.2	4.3306	0.0130
SRM328	C14STM207	C14STM208	CONDUIT	44.1	0.5105	0.0130
SRM328-S	C14STM207	C14STM208	CONDUIT	44.1	-0.8169	0.0130
SRM329	C14STM208	C14STM209	CONDUIT	50.3	4.2172	0.0130
SRM329-S	C14STM208	C14STM209	CONDUIT	50.3	4.2152	0.0130
SRM33	G14STM73	G14STM72	CONDUIT	90.4	3.4737	0.0130
SRM332	C14STM212	C14STM209	CONDUIT	98.5	1.0122	0.0130
SRM332-S	C14STM212	C14STM209	CONDUIT	98.5	0.4873	0.0130
SRM334	GCMH74	C14STM213	CONDUIT	22.9	0.5975	0.0130
SRM335	B14STM214	B13STM215	CONDUIT	118.1	2.1133	0.0130
SRM335-S	B14STM214	B13STM215	CONDUIT	118.1	3.0398	0.0130
SRM336	B13STM215	B13STM216	CONDUIT	75.8	1.4315	0.0130
SRM336-S	B13STM215	B13STM216	CONDUIT	75.8	0.6887	0.0130
SRM337	B13STM216	B13STM224	CONDUIT	81.6	1.2740	0.0130
SRM337-S	B13STM216	B13STM224	CONDUIT	81.6	1.3659	0.0130
SRM338	C13STM217	C13STM219	CONDUIT	61.3	0.3962	0.0130
SRM338-S	C13STM217	C13STM219	CONDUIT	61.3	0.5723	0.0130
SRM339	C13STM219	B12STM220	CONDUIT	108.9	0.4161	0.0130
SRM339-S	C13STM219	B12STM220	CONDUIT	108.9	0.6587	0.0130
SRM341	C12STM221	B12STM220	CONDUIT	115.1	0.7018	0.0130
SRM341-S	C12STM221	B12STM220	CONDUIT	115.1	0.5411	0.0130
SRM342	C12STM222	GCMH71	CONDUIT	52.7	0.4953	0.0130
SRM342-S	C12STM222	GCMH71	CONDUIT	52.7	0.7477	0.0130
SRM343	C12STM223	C12STM222	CONDUIT	140.4	2.0415	0.0130
SRM343-S	C12STM223	C12STM222	CONDUIT	140.4	2.0686	0.0130
SRM345	B13STM225	B13STM226	CONDUIT	34.1	1.2294	0.0130
SRM345-S	B13STM225	B13STM226	CONDUIT	34.1	0.8655	0.0130
SRM346	B13STM224	B13STM226	CONDUIT	54.0	1.3754	0.0130

SRM346-S	B13STM224	B13STM226	CONDUIT	54.0	1.3160	0.0130
SRM347	B13STM226	B12STM227	CONDUIT	63.4	1.3657	0.0130
SRM347-S	B13STM226	B12STM227	CONDUIT	63.4	1.5755	0.0130
SRM349	GCMH67	GCMH68	CONDUIT	23.9	0.6733	0.0130
SRM350	GCMH70	GCMH68	CONDUIT	46.4	0.3991	0.0130
SRM351	B12STM227	B12STM228	CONDUIT	40.9	4.2479	0.0130
SRM351-S	B12STM227	B12STM228	CONDUIT	40.9	4.1327	0.0130
SRM352	B12STM228	B12STM229	CONDUIT	59.0	5.5896	0.0130
SRM352-S	B12STM228	B12STM229	CONDUIT	59.0	5.5589	0.0130
SRM353	B12STM229	B12STM230	CONDUIT	45.3	2.2719	0.0130
SRM353-S	B12STM229	B12STM230	CONDUIT	45.3	3.7513	0.0130
SRM354	B12STM230	B11STM231	CONDUIT	111.2	1.7768	0.0130
SRM354-S	B12STM230	B11STM231	CONDUIT	111.2	2.0153	0.0130
SRM355	B11STM231	B11STM238	CONDUIT	102.9	0.3850	0.0130
SRM355-S	B11STM231	B11STM238	CONDUIT	102.9	-0.5055	0.0130
SRM356	B11STM232	B11STM231	CONDUIT	92.9	0.5169	0.0130
SRM356-S	B11STM232	B11STM231	CONDUIT	92.9	0.4738	0.0130
SRM363	B13STM241	B13STM240	CONDUIT	55.1	2.9075	0.0130
SRM363-S	B13STM241	B13STM240	CONDUIT	55.1	0.6903	0.0130
SRM364	B13STM242	B13STM241	CONDUIT	74.8	0.4305	0.0130
SRM364-S	B13STM242	B13STM241	CONDUIT	74.8	-0.6296	0.0130
SRM366	D14STM244	D13STM250	CONDUIT	111.8	1.8248	0.0130
SRM366-S	D14STM244	D13STM250	CONDUIT	111.8	1.6727	0.0130
SRM368	D14STM246	D14STM245	CONDUIT	35.0	1.8100	0.0130
SRM368-S	D14STM246	D14STM245	CONDUIT	35.0	2.5527	0.0130
SRM369	D14STM245	D14STM247	CONDUIT	75.9	1.8180	0.0130
SRM369-S	D14STM245	D14STM247	CONDUIT	75.9	3.4122	0.0130
SRM371	C12STM256	C11STM258	CONDUIT	60.1	1.8131	0.0130
SRM371-S	C12STM256	C11STM258	CONDUIT	60.1	4.7785	0.0130
SRM372	C11STM258	C11STM257	CONDUIT	45.7	1.8171	0.0130
SRM372-S	C11STM258	C11STM257	CONDUIT	45.7	4.6301	0.0130
SRM374	J372	J351	CONDUIT	47.6	0.9857	0.0130
SRM374-S	J372	J351	CONDUIT	47.6	0.7755	0.0130
SRM376	J373	J352	CONDUIT	63.6	1.1487	0.0130
SRM376-S	J373	J352	CONDUIT	63.6	1.1487	0.0130
SRM377	J374	J375	CONDUIT	63.8	1.2658	0.0250
SRM377-S	J374	J375	CONDUIT	63.8	1.7359	0.0130
SRM378	J8	J374	CONDUIT	131.3	1.3819	0.0250
SRM378-S	J8	J374	CONDUIT	131.3	1.3819	0.0130
SRM379	J7	J8	CONDUIT	14.6	0.3142	0.0250
SRM379-S	J7	J8	CONDUIT	14.6	0.3142	0.0130
SRM381	J376	J7	CONDUIT	70.1	1.1480	0.0130
SRM381-S	J376	J7	CONDUIT	70.1	1.1480	0.0130
SRM382	J377	J7	CONDUIT	99.8	0.1333	0.0250
SRM382-S	J377	J7	CONDUIT	99.8	0.1333	0.0130
SRM383	J378	F9STM259	CONDUIT	70.2	1.3540	0.0250
SRM383-S	J378	F9STM259	CONDUIT	70.2	1.3540	0.0130
SRM387	J354	F8STM265	CONDUIT	54.0	3.1548	0.0250
SRM387-S	J354	F8STM265	CONDUIT	54.0	0.4145	0.0130
SRM388	J379	J356	CONDUIT	28.9	0.2006	0.0130
SRM388-S	J379	J356	CONDUIT	28.9	-0.8369	0.0130
SRM390	J380	G8STM260	CONDUIT	15.4	0.2535	0.0130
SRM390-S	J380	G8STM260	CONDUIT	15.4	1.4627	0.0130
SRM391	G8STM269	J380	CONDUIT	5.5	0.2366	0.0130
SRM391-S	G8STM269	J380	CONDUIT	5.5	0.8919	0.0130
SRM393	J381	J382	CONDUIT	31.3	0.4760	0.0130
SRM393-S	J381	J382	CONDUIT	31.3	0.4760	0.0130
SRM394	J382	G8STM260	CONDUIT	7.4	22.3429	0.0130
SRM394-S	J382	G8STM260	CONDUIT	7.4	-0.2152	0.0130
SRM395	G8STM260	G7STM262	CONDUIT	111.7	0.9264	0.0130
SRM395-S	G8STM260	G7STM262	CONDUIT	111.7	0.6176	0.0130
SRM396	G7STM261	G7STM262	CONDUIT	102.5	0.9328	0.0130
SRM396-S	G7STM261	G7STM262	CONDUIT	102.5	0.3005	0.0130
SRM3-S	B15STM18	B15STM17	CONDUIT	39.8	2.2862	0.0130
SRM4	B15STM19	B15STM18	CONDUIT	33.6	0.9224	0.0130
SRM400	J375	J384	CONDUIT	14.4	1.0033	0.0250
SRM400-S	J375	J384	CONDUIT	14.4	-3.2342	0.0130
SRM402	J384	J385	CONDUIT	58.0	0.1328	0.0250
SRM403	J55	G8STM269	CONDUIT	98.9	0.2509	0.0250
SRM405	J387	F9STM264	CONDUIT	108.4	0.3431	0.0250
SRM406	J385	J387	CONDUIT	13.1	0.0023	0.0250
SRM408	F9STM264	J388	CONDUIT	15.1	0.3123	0.0250
SRM410	J388	F8STM265	CONDUIT	85.0	0.3059	0.0250
SRM411	F8STM265	F8STM266	CONDUIT	19.3	0.3049	0.0250
SRM411-S	F8STM265	F8STM266	CONDUIT	19.3	-0.3463	0.0130

SRM414	F8STM266	J49	CONDUIT	97.9	0.3055	0.0250
SRM415	J50	J51	CONDUIT	40.0	0.4771	0.0250
SRM420	J389	G7STM261	CONDUIT	190.5	0.2100	0.0250
SRM420-S	J389	G7STM261	CONDUIT	190.5	-0.0877	0.0130
SRM422	F14STM271	F14STM272	CONDUIT	138.3	2.2590	0.0130
SRM422-S	F14STM271	F14STM272	CONDUIT	138.3	2.7656	0.0130
SRM424	F14STM273	J390	CONDUIT	25.9	2.4414	0.0130
SRM426	B16STM672	B16STM671	CONDUIT	103.6	0.9655	0.0130
SRM426-S	B16STM672	B16STM671	CONDUIT	103.6	1.7961	0.0130
SRM427	B16STM671	B16STM192	CONDUIT	47.2	1.4822	0.0130
SRM427-S	B16STM671	B16STM192	CONDUIT	55.4	1.9677	0.0130
SRM428	B17STM673	B16STM672	CONDUIT	110.8	0.4151	0.0130
SRM428-S	B17STM673	B16STM672	CONDUIT	110.8	1.8141	0.0130
SRM429	B17STM677	B16STM678	CONDUIT	61.8	1.0303	0.0130
SRM429-S	B17STM677	B16STM678	CONDUIT	61.8	1.3263	0.0130
SRM430	B16STM674	B16STM675	CONDUIT	39.9	0.3407	0.0130
SRM430-S	B16STM674	B16STM675	CONDUIT	39.9	2.0546	0.0130
SRM431	B17STM676	B17STM677	CONDUIT	36.0	4.8075	0.0130
SRM431-S	B17STM676	B17STM677	CONDUIT	36.0	4.4760	0.0130
SRM432	B17STM684	B17STM686	CONDUIT	71.5	0.4321	0.0130
SRM432-S	B17STM684	B17STM686	CONDUIT	71.5	-0.7942	0.0130
SRM433	B16STM678	B16STM674	CONDUIT	38.9	0.4040	0.0130
SRM433-S	B16STM678	B16STM674	CONDUIT	38.9	1.9819	0.0130
SRM434	B17STM679	B17STM680	CONDUIT	45.9	1.8933	0.0130
SRM434-S	B17STM679	B17STM680	CONDUIT	45.9	2.3532	0.0130
SRM435	B17STM680	B17STM683	CONDUIT	44.6	4.6513	0.0130
SRM435-S	B17STM680	B17STM683	CONDUIT	44.6	4.2085	0.0130
SRM436	A17STM681	A17STM682	CONDUIT	131.4	1.5935	0.0130
SRM437	A17STM682	B17STM683	CONDUIT	148.5	0.8520	0.0130
SRM438	B17STM683	B17STM685	CONDUIT	51.0	1.6835	0.0130
SRM438-S	B17STM683	B17STM685	CONDUIT	51.0	1.7150	0.0130
SRM439	B17STM685	B17STM684	CONDUIT	28.5	1.0742	0.0130
SRM439-S	B17STM685	B17STM684	CONDUIT	28.5	-0.6389	0.0130
SRM440	B17STM686	B16STM678	CONDUIT	45.9	0.2787	0.0130
SRM440-S	B17STM686	B16STM678	CONDUIT	45.9	-0.3701	0.0130
SRM441	A16STM687	A16STM688	CONDUIT	63.1	1.8230	0.0130
SRM441-S	A16STM687	A16STM688	CONDUIT	63.1	1.9816	0.0130
SRM442	A16STM688	A16STM689	CONDUIT	47.2	0.5089	0.0130
SRM442-S	A16STM688	A16STM689	CONDUIT	47.2	0.7209	0.0130
SRM445	A15STM691	A16STM689	CONDUIT	149.3	0.3818	0.0130
SRM445-S	A15STM691	A16STM689	CONDUIT	149.3	-0.4153	0.0130
SRM448	B17STM1071	B17STM673	CONDUIT	36.5	2.8513	0.0130
SRM448-S	B17STM1071	B17STM673	CONDUIT	36.5	2.7141	0.0130
SRM449	B17STM1072	B17STM1071	CONDUIT	69.4	0.7058	0.0130
SRM449-S	B17STM1072	B17STM1071	CONDUIT	69.4	0.1728	0.0130
SRM450	C17STM1075	C17STM1074	CONDUIT	98.8	0.7511	0.0130
SRM450-S	C17STM1075	C17STM1074	CONDUIT	98.8	0.0304	0.0130
SRM451	C17STM1090	B17STM1072	CONDUIT	42.9	0.4735	0.0130
SRM451-S	C17STM1090	B17STM1072	CONDUIT	42.9	-1.3529	0.0130
SRM452	C17STM1073	C17STM1074	CONDUIT	61.8	0.5240	0.0130
SRM452-S	C17STM1073	C17STM1074	CONDUIT	61.8	0.1294	0.0130
SRM453	C17STM1074	C17STM1090	CONDUIT	33.3	0.1743	0.0130
SRM453-S	C17STM1074	C17STM1090	CONDUIT	33.3	-0.0301	0.0130
SRM454	C18STM1077	C17STM1076	CONDUIT	94.1	0.4324	0.0130
SRM454-S	C18STM1077	C17STM1076	CONDUIT	94.1	0.0425	0.0130
SRM455	C17STM1080	C17STM1075	CONDUIT	31.6	0.3573	0.0130
SRM455-S	C17STM1080	C17STM1075	CONDUIT	31.6	0.6009	0.0130
SRM456	C17STM1076	C17STM1075	CONDUIT	73.7	0.3014	0.0130
SRM456-S	C17STM1076	C17STM1075	CONDUIT	73.7	0.0950	0.0130
SRM457	C17STM1078	C17STM1079	CONDUIT	70.6	0.3655	0.0130
SRM458	C17STM1079	C17STM1080	CONDUIT	66.8	0.2771	0.0130
SRM459	B17STM1082	B17STM1072	CONDUIT	24.9	0.9504	0.0130
SRM459-S	B17STM1082	B17STM1072	CONDUIT	24.9	-0.8061	0.0130
SRM46	I8STM142	I8STM99	CONDUIT	51.1	0.3114	0.0130
SRM460	B17STM1083	B17STM1082	CONDUIT	23.9	0.8584	0.0130
SRM460-S	B17STM1083	B17STM1082	CONDUIT	23.9	-0.6281	0.0130
SRM461	B18STM1084	B17STM1083	CONDUIT	34.7	0.2391	0.0130
SRM461-S	B18STM1084	B17STM1083	CONDUIT	34.7	0.6943	0.0130
SRM462	C16STM1088	C16STM1085	CONDUIT	88.2	0.3732	0.0130
SRM462-S	C16STM1088	C16STM1085	CONDUIT	88.2	0.5332	0.0130
SRM463	C16STM1086	C16STM1088	CONDUIT	41.0	0.4760	0.0130
SRM463-S	C16STM1086	C16STM1088	CONDUIT	41.0	-0.5859	0.0130
SRM464	C16STM1087	C16STM1088	CONDUIT	45.7	0.5383	0.0130
SRM464-S	C16STM1087	C16STM1088	CONDUIT	45.7	0.5252	0.0130
SRM465	C16STM1089	C16STM1087	CONDUIT	50.4	0.3768	0.0130

SRM465-S	C16STM1089	C16STM1087	CONDUIT	50.4	-0.5553	0.0130
SRM466	C16STM1085	B16STM672	CONDUIT	107.2	0.4737	0.0130
SRM466-S	C16STM1085	B16STM672	CONDUIT	107.2	0.8486	0.0130
SRM467	I13STM1476	I13STM1474	CONDUIT	71.9	0.5913	0.0130
SRM467-S	I13STM1476	I13STM1474	CONDUIT	71.9	0.9878	0.0130
SRM468	I12STM1472	I12STM1473	CONDUIT	44.0	0.2407	0.0130
SRM469	I13STM1475	I13STM1474	CONDUIT	33.7	1.1060	0.0130
SRM469-S	I13STM1475	I13STM1474	CONDUIT	33.7	0.5337	0.0130
SRM47	I8STM101	I8STM102	CONDUIT	18.1	0.3040	0.0130
SRM470	I13STM1474	I12STM1473	CONDUIT	37.1	1.2000	0.0130
SRM470-S	I13STM1474	I12STM1473	CONDUIT	37.1	0.6741	0.0130
SRM471	I13STM1476	I13STM1496	CONDUIT	118.1	0.5011	0.0130
SRM471-S	I13STM1476	I13STM1496	CONDUIT	118.1	0.7703	0.0130
SRM472	I13STM1477	I13STM1496	CONDUIT	44.1	0.2401	0.0130
SRM473	I13STM1480	I12STM1481	CONDUIT	91.6	0.5909	0.0130
SRM473-S	I13STM1480	I12STM1481	CONDUIT	91.6	-0.0328	0.0130
SRM474	I13STM1478	I13STM1479	CONDUIT	63.1	0.7365	0.0130
SRM474-S	I13STM1478	I13STM1479	CONDUIT	63.1	0.6019	0.0130
SRM475	I13STM1479	I13STM1480	CONDUIT	49.7	0.5251	0.0130
SRM475-S	I13STM1479	I13STM1480	CONDUIT	49.7	0.5634	0.0130
SRM476	I13STM1482	I12STM1483	CONDUIT	63.9	0.5036	0.0130
SRM476-S	I13STM1482	I12STM1483	CONDUIT	63.9	0.5787	0.0130
SRM477	I12STM1483	I12STM1481	CONDUIT	57.1	0.4673	0.0130
SRM477-S	I12STM1483	I12STM1481	CONDUIT	57.1	-0.7001	0.0130
SRM478	I12STM1481	I12STM1484	CONDUIT	52.3	0.3022	0.0130
SRM478-S	I12STM1481	I12STM1484	CONDUIT	52.3	0.5164	0.0130
SRM479	I12STM1515	J9	CONDUIT	34.3	0.1195	0.0130
SRM479-S	I12STM1515	J9	CONDUIT	34.3	-1.3119	0.0130
SRM48	I8STM103	I8STM101	CONDUIT	26.9	0.7448	0.0130
SRM480	I12STM1486	I12STM1485	CONDUIT	128.6	0.3182	0.0130
SRM480-S	I12STM1486	I12STM1485	CONDUIT	128.6	0.2256	0.0130
SRM481	I12STM1484	I12STM1485	CONDUIT	49.9	0.2983	0.0130
SRM481-S	I12STM1484	I12STM1485	CONDUIT	49.9	-0.3003	0.0130
SRM482	I12STM1487	I12STM1486	CONDUIT	43.5	0.5011	0.0130
SRM482-S	I12STM1487	I12STM1486	CONDUIT	43.5	0.8734	0.0130
SRM483	I12STM1489	I12STM1488	CONDUIT	15.7	1.2630	0.0130
SRM483-S	I12STM1489	I12STM1488	CONDUIT	15.7	2.0415	0.0130
SRM484	H12STM1492	I12STM1488	CONDUIT	97.8	0.5432	0.0130
SRM484-S	H12STM1492	I12STM1488	CONDUIT	97.8	0.8593	0.0130
SRM485	H12STM1493	H12STM1492	CONDUIT	54.5	0.5704	0.0130
SRM485-S	H12STM1493	H12STM1492	CONDUIT	54.5	0.8253	0.0130
SRM486	H13STM1494	H12STM1495	CONDUIT	71.4	1.9973	0.0130
SRM486-S	H13STM1494	H12STM1495	CONDUIT	71.4	1.8348	0.0130
SRM487	H12STM1495	H12STM1493	CONDUIT	33.0	0.6308	0.0130
SRM487-S	H12STM1495	H12STM1493	CONDUIT	33.0	0.8795	0.0130
SRM488	I13STM1496	I13STM1478	CONDUIT	53.6	0.3396	0.0130
SRM488-S	I13STM1496	I13STM1478	CONDUIT	53.6	0.5598	0.0130
SRM489	H12STM1537	J26	CONDUIT	50.7	0.5030	0.0130
SRM489-S	H12STM1537	J26	CONDUIT	50.7	1.1244	0.0130
SRM49	J344	I8STM104	CONDUIT	141.5	0.2473	0.0130
SRM490	H12STM1498	H11STM1499	CONDUIT	109.5	0.5407	0.0130
SRM490-S	H12STM1498	H11STM1499	CONDUIT	109.5	0.5937	0.0130
SRM491	H11STM1499	H11STM1500	CONDUIT	109.0	0.2193	0.0130
SRM491-S	H11STM1499	H11STM1500	CONDUIT	109.0	0.1376	0.0130
SRM492	H11STM1500	I11STM1501	CONDUIT	25.8	0.2209	0.0130
SRM492-S	H11STM1500	I11STM1501	CONDUIT	25.8	-0.6977	0.0130
SRM493	I11STM1501	I12STM1502	CONDUIT	52.4	0.2616	0.0130
SRM493-S	I11STM1501	I12STM1502	CONDUIT	52.4	0.4964	0.0130
SRM494	I12STM1502	I12STM1503	CONDUIT	31.4	0.3565	0.0130
SRM494-S	I12STM1502	I12STM1503	CONDUIT	31.4	-0.4456	0.0130
SRM495	I13STM1536	I13STM1475	CONDUIT	64.8	0.6963	0.0130
SRM495-S	I13STM1536	I13STM1475	CONDUIT	64.8	0.8646	0.0130
SRM496	H13STM1533	I13STM1534	CONDUIT	35.2	1.1264	0.0130
SRM496-S	H13STM1533	I13STM1534	CONDUIT	35.2	0.9363	0.0130
SRM497	I13STM1534	I13STM1536	CONDUIT	16.1	0.5332	0.0130
SRM497-S	I13STM1534	I13STM1536	CONDUIT	16.1	0.9921	0.0130
SRM498	H12STM1506	I12STM1504	CONDUIT	52.6	0.2432	0.0130
SRM498-S	H12STM1506	I12STM1504	CONDUIT	52.6	-0.4180	0.0130
SRM499	H12STM1505	H12STM1506	CONDUIT	42.5	0.4990	0.0130
SRM499-S	H12STM1505	H12STM1506	CONDUIT	42.5	0.9415	0.0130
SRM4-S	B15STM19	B15STM18	CONDUIT	33.6	2.1428	0.0130
SRM5	B15STM20	B15STM19	CONDUIT	49.9	0.2607	0.0130
SRM50	I8STM131	I8STM132	CONDUIT	65.4	0.4587	0.0130
SRM500	J391	H14STM1518	CONDUIT	91.7	1.8246	0.0130
SRM500-S	J391	H14STM1518	CONDUIT	91.7	1.7318	0.0130

SRM501	I14STM1517	H14STM1518	CONDUIT	115.1	0.2173	0.0130
SRM501-S	I14STM1517	H14STM1518	CONDUIT	115.1	0.1999	0.0130
SRM502	H14STM1518	I14STM1520	CONDUIT	81.6	2.0346	0.0130
SRM502-S	H14STM1518	I14STM1520	CONDUIT	81.6	2.8072	0.0130
SRM503	H13STM1519	I14STM1520	CONDUIT	128.2	0.4437	0.0130
SRM503-S	H13STM1519	I14STM1520	CONDUIT	128.2	0.7954	0.0130
SRM504	I14STM1520	I13STM1525	CONDUIT	94.8	2.3592	0.0130
SRM504-S	I14STM1520	I13STM1525	CONDUIT	94.8	2.3317	0.0130
SRM505	I14STM1521	I14STM1522	CONDUIT	99.9	-0.1001	0.0130
SRM505-S	I14STM1521	I14STM1522	CONDUIT	99.9	0.9314	0.0130
SRM506	I14STM1520	I14STM1521	CONDUIT	89.0	0.5585	0.0130
SRM506-S	I14STM1520	I14STM1521	CONDUIT	89.0	1.1913	0.0130
SRM507	I13STM1526	I13STM1527	CONDUIT	54.7	1.1418	0.0130
SRM507-S	I13STM1526	I13STM1527	CONDUIT	54.7	1.0851	0.0130
SRM509	J10STM1876	J10STM1873	CONDUIT	64.6	0.2784	0.0130
SRM509-S	J10STM1876	J10STM1873	CONDUIT	64.6	0.5399	0.0130
SRM51	J10STM1875	J10STM1874	CONDUIT	69.0	0.6784	0.0130
SRM510	A13STM2273	A13STM2274	CONDUIT	75.3	2.5365	0.0130
SRM510-S	A13STM2273	A13STM2274	CONDUIT	77.5	2.4035	0.0130
SRM511	A13STM2275	A13STM2272	CONDUIT	55.5	2.0378	0.0130
SRM511-S	A13STM2275	A13STM2272	CONDUIT	55.5	2.1658	0.0130
SRM512	A13STM2271	A13STM2272	CONDUIT	49.4	0.5449	0.0130
SRM512-S	A13STM2271	A13STM2272	CONDUIT	49.4	1.0068	0.0130
SRM513	A13STM2272	A13STM2273	CONDUIT	45.5	4.5272	0.0130
SRM513-S	A13STM2272	A13STM2273	CONDUIT	48.0	4.5561	0.0130
SRM514	A13STM2274	A13STM54	CONDUIT	55.1	1.0300	0.0130
SRM514-S	A13STM2274	A13STM54	CONDUIT	55.1	2.8881	0.0130
SRM515	I14STM1524	I14STM1522	CONDUIT	18.1	2.8190	0.0130
SRM515-S	I14STM1524	I14STM1522	CONDUIT	18.1	3.0620	0.0130
SRM516	I13STM1525	H13STM2276	CONDUIT	54.8	0.3087	0.0130
SRM516-S	I13STM1525	H13STM2276	CONDUIT	54.8	1.0229	0.0130
SRM517	GCMH1	GCMH32	CONDUIT	115.0	2.3862	0.0130
SRM517-S	GCMH1	GCMH32	CONDUIT	115.0	1.8057	0.0130
SRM518	GCMH58	GCMH32	CONDUIT	6.4	1.8960	0.0130
SRM518-S	GCMH58	GCMH32	CONDUIT	6.4	-0.9087	0.0130
SRM519	GCMH109	GCMH61	CONDUIT	51.2	0.5668	0.0130
SRM519-S	GCMH109	GCMH61	CONDUIT	51.2	0.1915	0.0130
SRM51-S	J10STM1875	J10STM1874	CONDUIT	69.0	0.7886	0.0130
SRM52	I8STM141	I8STM142	CONDUIT	53.4	0.3033	0.0130
SRM520	GCMH61	GCMH58	CONDUIT	40.6	0.2243	0.0130
SRM520-S	GCMH61	GCMH58	CONDUIT	40.6	0.4091	0.0130
SRM521	GCMH97	GCMH61	CONDUIT	36.6	2.8101	0.0130
SRM522	GCMH32	B7STM170	CONDUIT	69.5	1.6988	0.0130
SRM523	GCMH132	GCMH55	CONDUIT	120.0	3.0428	0.0130
SRM523-S	GCMH132	GCMH55	CONDUIT	120.0	2.7649	0.0130
SRM524	I12STM1485	J9	CONDUIT	25.8	0.3486	0.0130
SRM524-S	I12STM1485	J9	CONDUIT	25.8	1.5495	0.0130
SRM525_2	J69	J13	CONDUIT	41.3	0.1939	0.0130
SRM526	J13	J12	CONDUIT	145.2	0.0999	0.0130
SRM527	J12	J11	CONDUIT	125.0	0.1000	0.0130
SRM527-S	J12	J11	CONDUIT	125.0	0.2400	0.0130
SRM528	J11	J10	CONDUIT	136.6	0.1003	0.0130
SRM528-S	J11	J10	CONDUIT	136.6	-0.2929	0.0130
SRM529	J10	J11STM157	CONDUIT	30.8	0.1038	0.0130
SRM529-S	J10	J11STM157	CONDUIT	30.8	0.0010	0.0130
SRM53	I9STM148	I9STM150	CONDUIT	45.1	0.1553	0.0130
SRM530	J11STM157	J274	CONDUIT	11.5	0.3228	0.0130
SRM530-S	J11STM157	J274	CONDUIT	11.5	1.5006	0.0130
SRM532	A14STM34	A14STM33	CONDUIT	18.8	0.3458	0.0130
SRM533	A15STM5	A15STM6	CONDUIT	40.0	0.2500	0.0130
SRM535	GCMH6	B14STM35	CONDUIT	131.1	0.9399	0.0130
SRM535-S	GCMH6	B14STM35	CONDUIT	131.1	0.8392	0.0130
SRM536	B14STM40	B14STM39	CONDUIT	7.4	2.5789	0.0130
SRM537	B15STM11	B15STM10	CONDUIT	6.1	0.8173	0.0130
SRM538	C11STM257	C11STM237	CONDUIT	9.1	1.8603	0.0130
SRM54	I8STM151	I8STM152	CONDUIT	81.2	0.2462	0.0130
SRM540	HPMH7	J7STM123	CONDUIT	67.7	0.2497	0.0130
SRM541	HPMH8	J8STM121	CONDUIT	67.9	0.2503	0.0130
SRM542	HPMH9	J7STM124	CONDUIT	72.8	0.2006	0.0130
SRM542-S	HPMH9	J7STM124	CONDUIT	72.8	-0.0412	0.0130
SRM544	HPMH33	HPMH34	CONDUIT	16.0	0.4699	0.0130
SRM548	B15STM197	B15STM195	CONDUIT	96.7	0.4859	0.0130
SRM548-S	B15STM197	B15STM195	CONDUIT	96.7	0.0310	0.0130
SRM549	B15STM199	B15STM197	CONDUIT	63.2	0.4907	0.0130
SRM549-S	B15STM199	B15STM197	CONDUIT	63.2	0.3641	0.0130

SRM54-S	I8STM151	I8STM152	CONDUIT	81.2	-0.2745	0.0130
SRM55	I11STM153	I11STM154	CONDUIT	58.3	0.6347	0.0130
SRM550	GCMH34	GCMH39	CONDUIT	40.3	0.8439	0.0130
SRM551	GCMH39	GCMH44	CONDUIT	29.9	1.6709	0.0130
SRM552	GCMH44	GCMH96	CONDUIT	34.0	0.4412	0.0130
SRM553	GCMH96	B16STM671	CONDUIT	82.8	0.5073	0.0130
SRM555	J25	I13STM1496	CONDUIT	51.3	0.3939	0.0130
SRM556	I13STM1497	I13STM1482	CONDUIT	17.3	0.4973	0.0130
SRM556-S	I13STM1497	I13STM1482	CONDUIT	17.3	1.3301	0.0130
SRM557	I12STM1473	I12STM1471	CONDUIT	11.9	0.9809	0.0130
SRM557-S	I12STM1473	I12STM1471	CONDUIT	11.9	0.6707	0.0130
SRM55-S	I11STM153	I11STM154	CONDUIT	58.3	0.3070	0.0130
SRM561	I12STM1511	I12STM1514	CONDUIT	11.9	0.0026	0.0130
SRM562	I12STM1504	I12STM1503	CONDUIT	5.5	0.2379	0.0130
SRM562-S	I12STM1504	I12STM1503	CONDUIT	5.5	2.3794	0.0130
SRM563	J26	H12STM1498	CONDUIT	50.5	0.4967	0.0130
SRM563-S	J26	H12STM1498	CONDUIT	50.5	1.0489	0.0130
SRM565	GCMH55	GCMH109	CONDUIT	43.5	2.2029	0.0130
SRM565-S	GCMH55	GCMH109	CONDUIT	43.5	-0.2779	0.0130
SRM566	GCMH98	A6STM163	CONDUIT	6.7	1.7438	0.0130
SRM567	J29	J30	CONDUIT	67.0	0.2239	0.0130
SRM567-S	J29	J30	CONDUIT	67.0	0.0746	0.0130
SRM568	J30	J31	CONDUIT	33.3	0.1739	0.0130
SRM568-S	J30	J31	CONDUIT	33.3	-0.7527	0.0130
SRM569	J31	J32	CONDUIT	89.6	0.1473	0.0130
SRM569-S	J31	J32	CONDUIT	89.6	0.0167	0.0130
SRM57	A14STM32	A14STM31	CONDUIT	46.5	0.4001	0.0130
SRM573	J32	J33	CONDUIT	14.8	0.3380	0.0130
SRM573-S	J32	J33	CONDUIT	14.8	1.0615	0.0130
SRM574	J33	J34	CONDUIT	91.9	0.0947	0.0130
SRM574-S	J33	J34	CONDUIT	91.9	-0.0871	0.0130
SRM575	J34	J35	CONDUIT	108.1	0.0832	0.0130
SRM575-S	J34	J35	CONDUIT	108.1	-0.1322	0.0130
SRM578	J35	J36	CONDUIT	10.9	0.2102	0.0130
SRM578-S	J35	J36	CONDUIT	10.9	0.3381	0.0130
SRM579	J36	J37	CONDUIT	64.7	0.1516	0.0130
SRM579-S	J36	J37	CONDUIT	64.7	0.1376	0.0130
SRM57-S	A14STM32	A14STM31	CONDUIT	46.5	-0.9077	0.0130
SRM58	A14STM31	A14STM27	CONDUIT	56.3	0.7049	0.0130
SRM580	J37	J38	CONDUIT	99.0	0.1091	0.0130
SRM580-S	J37	J38	CONDUIT	99.0	-0.2890	0.0130
SRM581	J38	J39	CONDUIT	15.5	0.1870	0.0130
SRM581-S	J38	J39	CONDUIT	15.5	-0.2515	0.0130
SRM582	J39	J40	CONDUIT	51.0	0.1864	0.0130
SRM582-S	J39	J40	CONDUIT	51.0	-0.1785	0.0130
SRM584	J40	J41	CONDUIT	61.5	0.1139	0.0130
SRM584-S	J40	J41	CONDUIT	61.5	0.4002	0.0130
SRM585	J41	J42	CONDUIT	74.0	0.0527	0.0130
SRM585-S	J41	J42	CONDUIT	74.0	-0.1229	0.0130
SRM586	J42	J43	CONDUIT	41.2	0.2403	0.0130
SRM586-S	J42	J43	CONDUIT	41.2	-0.0898	0.0130
SRM587	J43	J44	CONDUIT	55.1	0.1741	0.0130
SRM587-S	J43	J44	CONDUIT	55.1	0.0326	0.0130
SRM588	F8STM266	J44	CONDUIT	2.6	59.1991	0.0130
SRM589	J44	J45	CONDUIT	32.7	0.0306	0.0130
SRM589-S	J44	J45	CONDUIT	32.7	0.0917	0.0130
SRM58-S	A14STM31	A14STM27	CONDUIT	56.3	0.8593	0.0130
SRM59	B14STM35	A14STM33	CONDUIT	56.0	0.9005	0.0130
SRM590	J45	J46	CONDUIT	36.1	0.1771	0.0130
SRM590-S	J45	J46	CONDUIT	36.1	-0.0720	0.0130
SRM591	J46	J47	CONDUIT	50.9	0.0845	0.0130
SRM591-S	J46	J47	CONDUIT	50.9	0.0373	0.0130
SRM592	J47	J48	CONDUIT	52.8	0.1193	0.0130
SRM592-S	J47	J48	CONDUIT	52.8	-0.1762	0.0130
SRM593	J51	J48	CONDUIT	1.4	71.2560	0.0130
SRM593-S	J51	J48	CONDUIT	1.4	2.1653	0.0130
SRM594	J49	J50	CONDUIT	33.5	0.4891	0.0250
SRM595	J51	F8STM270	CONDUIT	31.0	0.2486	0.0130
SRM596	J356	J51	CONDUIT	51.4	4.2359	0.0250
SRM596-S	J356	J51	CONDUIT	51.4	0.0156	0.0130
SRM597	J48	J52	CONDUIT	52.6	0.0836	0.0130
SRM597-S	J48	J52	CONDUIT	52.6	0.3687	0.0130
SRM598	J52	J53	CONDUIT	49.0	0.1020	0.0130
SRM598-S	J52	J53	CONDUIT	49.0	0.4201	0.0130
SRM599	J53	J54	CONDUIT	18.6	0.1075	0.0130

SRM599-S	J53	J54	CONDUIT	18.6	0.0016	0.0130
SRM59-S	B14STM35	A14STM33	CONDUIT	56.0	1.2632	0.0130
SRM5-S	B15STM20	B15STM19	CONDUIT	49.9	-1.0629	0.0130
SRM6	B15STM22	B15STM21	CONDUIT	49.1	0.2036	0.0130
SRM60	A14STM33	A14STM31	CONDUIT	51.0	1.0104	0.0130
SRM600	F8STM270	J55	CONDUIT	83.6	0.2500	0.0250
SRM602	J54	J56	CONDUIT	18.6	0.1612	0.0130
SRM602-S	J54	J56	CONDUIT	18.6	0.4298	0.0130
SRM603	J56	J57	CONDUIT	64.7	0.0927	0.0130
SRM603-S	J56	J57	CONDUIT	64.7	-0.2009	0.0130
SRM604	J57	J58	CONDUIT	13.3	0.2635	0.0130
SRM604-S	J57	J58	CONDUIT	13.3	1.6717	0.0130
SRM605	J58	J59	CONDUIT	47.7	0.2725	0.0130
SRM605-S	J58	J59	CONDUIT	47.7	1.1069	0.0130
SRM606	J59	J60	CONDUIT	60.7	0.2965	0.0130
SRM606-S	J59	J60	CONDUIT	60.7	0.3294	0.0130
SRM607	J8STM113	HPMH48	CONDUIT	44.4	0.1216	0.0130
SRM60-S	A14STM33	A14STM31	CONDUIT	51.0	0.6082	0.0130
SRM61	B14STM37	B14STM36	CONDUIT	44.3	2.4595	0.0130
SRM610	GCMH149	GCMH155	CONDUIT	95.2	0.7840	0.0130
SRM610-S	GCMH149	GCMH155	CONDUIT	95.2	0.7147	0.0130
SRM612	GCMH150	GCMH149	CONDUIT	14.0	1.5004	0.0130
SRM612-S	GCMH150	GCMH149	CONDUIT	14.0	2.2866	0.0130
SRM613	GCMH156	GCMH150	CONDUIT	109.0	1.7115	0.0130
SRM613-S	GCMH156	GCMH150	CONDUIT	109.0	3.4227	0.0130
SRM614	GCMH151	GCMH156	CONDUIT	109.4	1.6036	0.0130
SRM614-S	GCMH151	GCMH156	CONDUIT	109.4	2.3500	0.0130
SRM615	GCMH51	GCMH151	CONDUIT	45.1	1.2996	0.0130
SRM615-S	GCMH51	GCMH151	CONDUIT	45.1	-0.3326	0.0130
SRM616	GCMH152	GCMH151	CONDUIT	40.9	1.6795	0.0130
SRM616-S	GCMH152	GCMH151	CONDUIT	40.9	1.8580	0.0130
SRM617	GCMH154	GCMH152	CONDUIT	14.6	0.3156	0.0130
SRM617-S	GCMH154	GCMH152	CONDUIT	14.6	3.2951	0.0130
SRM618	GCMH141	GCMH154	CONDUIT	49.8	1.0989	0.0130
SRM618-S	GCMH141	GCMH154	CONDUIT	49.8	-1.2656	0.0130
SRM619	GCMH139	GCMH141	CONDUIT	45.2	0.4134	0.0130
SRM61-S	B14STM37	B14STM36	CONDUIT	57.8	1.7836	0.0130
SRM620	GCMH141	GCMH138	CONDUIT	52.9	1.0156	0.0130
SRM620-S	GCMH138	GCMH141	CONDUIT	52.9	-1.1726	0.0130
SRM621	GCMH138	GCMH52	CONDUIT	12.1	1.6493	0.0130
SRM621-S	GCMH138	GCMH52	CONDUIT	12.1	1.0720	0.0130
SRM622	GCMH52	GCMH160	CONDUIT	83.9	0.4730	0.0130
SRM622-S	GCMH52	GCMH160	CONDUIT	83.9	0.6433	0.0130
SRM623	GCMH160	GCMH159	CONDUIT	16.6	0.8459	0.0130
SRM623-S	GCMH160	GCMH159	CONDUIT	16.6	-1.0876	0.0130
SRM624	GCMH159	GCMH137	CONDUIT	44.7	1.1350	0.0130
SRM624-S	GCMH159	GCMH137	CONDUIT	44.7	0.5372	0.0130
SRM625	GCMH133	GCMH159	CONDUIT	58.2	0.7201	0.0130
SRM626	GCMH137	GCMH136	CONDUIT	79.7	2.6223	0.0130
SRM626-S	GCMH137	GCMH136	CONDUIT	79.7	3.0619	0.0130
SRM627	GCMH136	GCMH155	CONDUIT	80.0	2.6623	0.0130
SRM627-S	GCMH136	GCMH155	CONDUIT	80.0	5.1571	0.0130
SRM628	GCMH155	GCMH158	CONDUIT	61.0	0.9994	0.0130
SRM628-S	GCMH155	GCMH158	CONDUIT	61.0	1.0158	0.0130
SRM629	GCMH158	GCMH157	CONDUIT	40.4	0.9015	0.0130
SRM629-S	GCMH158	GCMH157	CONDUIT	40.4	1.0155	0.0130
SRM63	B14STM38	B14STM37	CONDUIT	36.1	1.4417	0.0130
SRM630	GCMH157	GCMH50	CONDUIT	40.5	1.6760	0.0130
SRM630-S	GCMH157	GCMH50	CONDUIT	40.5	1.8787	0.0130
SRM631	GCMH38	GCMH157	CONDUIT	49.6	1.9575	0.0130
SRM631-S	GCMH38	GCMH157	CONDUIT	57.7	4.5474	0.0130
SRM632	GCMH50	D14STM246	CONDUIT	124.4	1.1957	0.0130
SRM632-S	GCMH50	D14STM246	CONDUIT	124.4	1.3099	0.0130
SRM633	GCMH157	GCMH99	CONDUIT	13.2	1.3964	0.0130
SRM633-S	GCMH157	GCMH99	CONDUIT	13.2	-12.6357	0.0130
SRM634	GCMH50	GCMH87	CONDUIT	49.5	3.6844	0.0130
SRM635	GCMH42	GCMH86	CONDUIT	17.6	0.4366	0.0130
SRM63-S	B14STM38	B14STM37	CONDUIT	36.1	1.0230	0.0130
SRM64	A6STM159	GCMH77	CONDUIT	45.2	0.5746	0.0130
SRM640	GCMH46	D14STM246	CONDUIT	12.6	0.8870	0.0130
SRM641	I8STM106	HPMH37	CONDUIT	9.0	0.8585	0.0130
SRM641-S	I8STM106	HPMH37	CONDUIT	9.0	3.9053	0.0130
SRM642	GCMH100	GCMH134	CONDUIT	19.7	0.5725	0.0130
SRM643	GCMH134	GCMH135	CONDUIT	98.9	1.3216	0.0130
SRM643-S	GCMH134	GCMH135	CONDUIT	98.9	1.0718	0.0130

SRM646	GCMH135	GCMH101	CONDUIT	45.0	1.6813	0.0130
SRM646-S	GCMH135	GCMH101	CONDUIT	45.0	2.6613	0.0130
SRM64-S	A6STM159	GCMH77	CONDUIT	45.2	4.4911	0.0100
SRM65	A5STM1	A6STM159	CONDUIT	11.6	0.9520	0.0130
SRM650	GCMH102	GCMH139	CONDUIT	9.0	0.2887	0.0130
SRM655	GCMH143	GCMH142	CONDUIT	98.3	0.5156	0.0130
SRM655-S	GCMH143	GCMH142	CONDUIT	98.3	-0.6366	0.0130
SRM656	GCMH144	GCMH143	CONDUIT	112.8	0.5667	0.0130
SRM656-S	GCMH144	GCMH143	CONDUIT	112.8	1.2523	0.0130
SRM658	GCMH142	GCMH135	CONDUIT	113.6	0.3602	0.0130
SRM658-S	GCMH142	GCMH135	CONDUIT	113.6	1.0427	0.0130
SRM65-S	A5STM1	A6STM159	CONDUIT	11.6	2.2507	0.0130
SRM66	A6STM162	B6STM164	CONDUIT	98.7	1.5458	0.0130
SRM661	B11STM231	GCMH146	CONDUIT	67.2	2.1588	0.0130
SRM661-S	B11STM231	GCMH146	CONDUIT	67.2	1.1164	0.0130
SRM662	GCMH146	GCMH145	CONDUIT	132.5	0.4000	0.0130
SRM662-S	GCMH146	GCMH145	CONDUIT	132.5	0.5660	0.0130
SRM666	GCMH145	GCMH107	CONDUIT	9.0	1.3333	0.0130
SRM666-S	GCMH145	GCMH107	CONDUIT	9.0	19.5030	0.0130
SRM668	GCMH147	GCMH146	CONDUIT	40.7	0.4911	0.0130
SRM668-S	GCMH147	GCMH146	CONDUIT	40.7	-0.3929	0.0130
SRM67	B6STM164	GCMH91	CONDUIT	47.2	1.3870	0.0130
SRM68	B6STM174	GCMH63	CONDUIT	31.8	0.0723	0.0130
SRM680	J101	J103	CONDUIT	168.1	1.0412	0.0130
SRM680-S	J101	J103	CONDUIT	168.1	-0.0946	0.0130
SRM681	J102	J101	CONDUIT	38.8	1.0303	0.0130
SRM681-S	J102	J101	CONDUIT	38.8	1.2905	0.0130
SRM682	J97	J102	CONDUIT	118.4	1.0475	0.0130
SRM682-S	J97	J102	CONDUIT	118.4	1.1303	0.0130
SRM683	J98	J97	CONDUIT	42.5	1.0354	0.0130
SRM683-S	J98	J97	CONDUIT	42.5	0.8542	0.0130
SRM684	J100	J98	CONDUIT	61.5	1.0401	0.0130
SRM684-S	J100	J98	CONDUIT	61.5	0.7882	0.0130
SRM685	J104	J99	CONDUIT	145.6	1.0441	0.0130
SRM687	J99	J100	CONDUIT	102.7	1.0415	0.0130
SRM688	J105	J104	CONDUIT	31.6	1.0459	0.0130
SRM689	J103	J106	CONDUIT	25.6	0.7819	0.0130
SRM689-S	J103	J106	CONDUIT	25.6	2.2642	0.0130
SRM69	GCMH63	GCMH92	CONDUIT	36.2	0.2401	0.0130
SRM691	J109	J110	CONDUIT	166.1	5.4533	0.0130
SRM691-S	J109	J110	CONDUIT	166.1	3.9395	0.0130
SRM693	J422	J107	CONDUIT	32.3	3.8436	0.0130
SRM694	J107	J109	CONDUIT	23.8	7.0414	0.0130
SRM696	B8STM191	GCMH3	CONDUIT	95.2	0.3834	0.0130
SRM696-S	B8STM191	GCMH3	CONDUIT	95.2	0.3257	0.0130
SRM698	J111	J112	CONDUIT	49.2	7.6175	0.0130
SRM699	J112	J113	CONDUIT	140.7	3.6342	0.0130
SRM7	B15STM21	B15STM19	CONDUIT	46.2	0.1949	0.0130
SRM70	B7STM172	B6STM173	CONDUIT	118.5	0.7521	0.0130
SRM700	J110	J114	CONDUIT	81.8	5.3884	0.0130
SRM700-S	J110	J114	CONDUIT	81.8	5.4376	0.0130
SRM701	J114	J115	CONDUIT	106.3	5.3898	0.0130
SRM701-S	J114	J115	CONDUIT	106.3	3.9123	0.0130
SRM702	J113	J114	CONDUIT	47.5	11.0749	0.0130
SRM703	J115	J438	CONDUIT	148.9	2.6669	0.0130
SRM703-S	J115	J438	CONDUIT	148.9	4.3832	0.0130
SRM71	C6STM181	C6STM180	CONDUIT	21.2	0.4439	0.0130
SRM71-S	C6STM181	C6STM180	CONDUIT	32.9	-0.3225	0.0130
SRM723	J122	J123	CONDUIT	135.2	0.5695	0.0250
SRM723-S	J122	J123	CONDUIT	135.2	0.8514	0.0130
SRM724	J121	J103	CONDUIT	113.0	0.8850	0.0130
SRM724-S	J121	J103	CONDUIT	113.0	0.5823	0.0130
SRM725	J426	J427	CONDUIT	11.0	0.7973	0.0250
SRM725-S	J426	J427	CONDUIT	14.8	8.7335	0.0130
SRM726	J428	J426	CONDUIT	83.6	0.7272	0.0250
SRM726-S	J428	J426	CONDUIT	83.6	0.7272	0.0130
SRM727	J429	J428	CONDUIT	20.1	2.4450	0.0250
SRM728	J430	J428	CONDUIT	15.2	0.0020	0.0250
SRM728-S	J430	J428	CONDUIT	15.2	-0.2833	0.0130
SRM73	C7STM183	GCMH93	CONDUIT	38.8	0.1134	0.0130
SRM730	J431	J430	CONDUIT	52.3	3.0042	0.0250
SRM730-S	J431	J430	CONDUIT	52.3	3.0865	0.0130
SRM731	J141	J142	CONDUIT	65.6	0.3139	0.0130
SRM733	J140	J141	CONDUIT	14.9	0.3433	0.0130
SRM733-S	J140	J141	CONDUIT	14.9	-2.6933	0.0130

SRM735	J151	J152	CONDUIT	87.6	2.3165	0.0130
SRM735-S	J151	J152	CONDUIT	87.6	2.8660	0.0130
SRM736	J152	J141	CONDUIT	98.9	1.8066	0.0130
SRM736-S	J152	J141	CONDUIT	98.9	2.7707	0.0130
SRM738	J147	J146	CONDUIT	66.1	4.8956	0.0130
SRM739	J146	J145	CONDUIT	78.7	3.7134	0.0130
SRM739-S	J146	J145	CONDUIT	78.7	5.0262	0.0130
SRM740	J145	J144	CONDUIT	77.4	5.2425	0.0130
SRM740-S	J145	J144	CONDUIT	77.4	4.8108	0.0130
SRM741	J144	J143	CONDUIT	120.7	2.1763	0.0130
SRM742	J143	J141	CONDUIT	45.1	1.2499	0.0130
SRM743	J433	J148	CONDUIT	19.9	5.0787	0.0130
SRM743-S	J433	J148	CONDUIT	19.9	2.8308	0.0130
SRM744	J148	J149	CONDUIT	100.6	5.2446	0.0130
SRM744-S	J148	J149	CONDUIT	100.6	5.9546	0.0130
SRM745	J149	J151	CONDUIT	51.4	2.8556	0.0130
SRM745-S	J149	J151	CONDUIT	51.4	3.4826	0.0130
SRM746	J150	J149	CONDUIT	45.7	0.4008	0.0130
SRM747	J139	J125	CONDUIT	140.7	0.9398	0.0130
SRM747-S	J139	J125	CONDUIT	140.7	1.5286	0.0130
SRM748	J138	J128	CONDUIT	62.5	0.3534	0.0130
SRM748-S	J138	J128	CONDUIT	62.5	1.1514	0.0130
SRM749	J130	J129	CONDUIT	118.9	-0.5305	0.0130
SRM749-S	J130	J129	CONDUIT	118.9	1.7826	0.0130
SRM75	C8STM188	Willow_Springs	CONDUIT	52.1	-0.0019	0.0130
SRM750	J129	J127	CONDUIT	23.9	1.2361	0.0130
SRM750-S	J129	J127	CONDUIT	23.9	0.4190	0.0130
SRM751	J127	J472	CONDUIT	39.9	1.4523	0.0130
SRM751-S	J127	J472	CONDUIT	39.9	-0.6059	0.0130
SRM752	J125	J126	CONDUIT	35.3	0.3000	0.0130
SRM752-S	J125	J126	CONDUIT	35.3	0.3962	0.0130
SRM753	J128	J127	CONDUIT	44.8	0.3995	0.0130
SRM753-S	J128	J127	CONDUIT	44.8	0.5134	0.0130
SRM754	J126	J127	CONDUIT	67.2	0.2008	0.0130
SRM754-S	J126	J127	CONDUIT	67.2	0.2380	0.0130
SRM755	J435	J125	CONDUIT	21.9	0.5012	0.0130
SRM756	J131	J132	CONDUIT	36.0	3.0004	0.0130
SRM756-S	J131	J132	CONDUIT	36.0	0.8609	0.0130
SRM757	J132	J133	CONDUIT	41.1	2.7940	0.0130
SRM757-S	J132	J133	CONDUIT	41.1	2.5088	0.0130
SRM758	J133	J134	CONDUIT	19.2	2.4451	0.0130
SRM758-S	J133	J134	CONDUIT	19.2	2.7574	0.0130
SRM759	J134	J137	CONDUIT	42.4	0.1887	0.0130
SRM76	B16STM193	GCMH85	CONDUIT	27.4	6.9024	0.0130
SRM760	J135	J136	CONDUIT	46.3	3.0008	0.0130
SRM760-S	J135	J136	CONDUIT	46.3	3.3490	0.0130
SRM761	J136	J138	CONDUIT	42.0	3.1007	0.0130
SRM761-S	J136	J138	CONDUIT	42.0	2.9983	0.0130
SRM762	J137	J136	CONDUIT	44.5	0.5995	0.0130
SRM763	J262	G14STM76	CONDUIT	45.3	0.6492	0.0130
SRM763-S	J262	G14STM76	CONDUIT	45.3	2.0517	0.0130
SRM764	J264	J263	CONDUIT	37.9	0.5827	0.0130
SRM764-S	J264	J263	CONDUIT	37.9	-0.1582	0.0130
SRM765	J260	J261	CONDUIT	133.2	4.5081	0.0130
SRM765-S	J260	J261	CONDUIT	133.2	4.5194	0.0130
SRM769	J438	J116	CONDUIT	17.5	0.0572	0.0130
SRM769-S	J438	J116	CONDUIT	17.5	4.9624	0.0130
SRM77	C14STM210	C14STM213	CONDUIT	65.6	2.6269	0.0130
SRM770	J440	J441	CONDUIT	98.0	1.4495	0.0130
SRM770-S	J440	J441	CONDUIT	98.0	2.7425	0.0130
SRM772	J442	J444	CONDUIT	12.4	1.6068	0.0130
SRM772-S	J442	J444	CONDUIT	12.4	4.2693	0.0130
SRM773	C13STM218	C13STM217	CONDUIT	16.9	0.4261	0.0130
SRM774	C14STM205	C14STM207	CONDUIT	10.9	4.8695	0.0130
SRM774-S	C14STM205	C14STM207	CONDUIT	10.9	-1.6459	0.0130
SRM775	C14STM209	C14STM210	CONDUIT	6.6	2.4179	0.0130
SRM775-S	C14STM209	C14STM210	CONDUIT	6.6	-0.7601	0.0130
SRM776	B13STM41	B13STM42	CONDUIT	11.6	1.0371	0.0130
SRM78	C14STM211	C14STM212	CONDUIT	49.2	0.9200	0.0130
SRM79	C14STM213	B14STM214	CONDUIT	55.4	0.6229	0.0130
SRM798	J279	J280	CONDUIT	51.5	0.2079	0.0250
SRM798-S	J279	J280	CONDUIT	51.5	-0.1166	0.0130
SRM7-S	B15STM21	B15STM19	CONDUIT	46.2	2.3393	0.0130
SRM8	B15STM24	B16STM23	CONDUIT	53.1	0.1885	0.0130
SRM80	B12STM220	GCMH67	CONDUIT	51.0	0.6673	0.0130

SRM800	J278	J279	CONDUIT	88.6	0.4188	0.0250
SRM800-S	J278	J279	CONDUIT	88.6	0.1693	0.0130
SRM801	J276	J282	CONDUIT	79.9	0.3430	0.0250
SRM801-S	J276	J282	CONDUIT	79.9	0.0376	0.0130
SRM802	J275	J276	CONDUIT	93.1	0.5359	0.0250
SRM802-S	J275	J276	CONDUIT	93.1	1.0955	0.0130
SRM803	J288	I12STM1481	CONDUIT	42.7	0.5949	0.0130
SRM803-S	J288	I12STM1481	CONDUIT	42.7	-0.7307	0.0130
SRM804	J280	J281	CONDUIT	65.7	0.2559	0.0250
SRM804-S	J280	J281	CONDUIT	65.7	0.0005	0.0130
SRM805	J283	J282	CONDUIT	49.6	0.4960	0.0250
SRM806	J282	J281	CONDUIT	52.3	0.3957	0.0250
SRM806-S	J282	J281	CONDUIT	52.3	0.1721	0.0130
SRM807	J277	J278	CONDUIT	36.0	0.3475	0.0250
SRM807-S	J277	J278	CONDUIT	36.0	0.6394	0.0130
SRM808	J281	J285	CONDUIT	43.8	0.9705	0.0250
SRM808-S	J281	J285	CONDUIT	43.8	-0.2968	0.0130
SRM809	J287	J288	CONDUIT	59.4	0.6146	0.0250
SRM809-S	J287	J288	CONDUIT	59.4	0.4917	0.0130
SRM81	GCMH68	B12STM227	CONDUIT	55.3	0.8458	0.0130
SRM810	J286	I12STM1484	CONDUIT	141.4	0.1351	0.0130
SRM814	J453	J454	CONDUIT	177.0	0.2248	0.0130
SRM815	J454	J455	CONDUIT	191.6	0.2244	0.0130
SRM816	J455	F8STM265	CONDUIT	94.6	0.2252	0.0130
SRM82	C11STM234	B11STM233	CONDUIT	57.1	1.7685	0.0130
SRM826	B7STM169	B7STM171	CONDUIT	26.4	0.2081	0.0130
SRM826-S	B7STM169	B7STM171	CONDUIT	26.4	1.5290	0.0130
SRM83	B11STM233	B11STM232	CONDUIT	51.8	1.7268	0.0130
SRM830	GCMH47	D14STM246	CONDUIT	17.8	1.6819	0.0130
SRM831	GCMH49	GCMH47	CONDUIT	35.6	1.9692	0.0130
SRM832	GCMH48	GCMH49	CONDUIT	75.9	1.9839	0.0130
SRM833	GCMH73	GCMH72	CONDUIT	100.1	0.7124	0.0130
SRM834	GCMH71	GCMH72	CONDUIT	54.7	0.0006	0.0130
SRM836	J444	J440	CONDUIT	81.4	1.6577	0.0130
SRM836-S	J444	J440	CONDUIT	81.4	4.9158	0.0130
SRM838	HPMH38	J7STM109	CONDUIT	49.3	0.0974	0.0130
SRM839	J469	J344	CONDUIT	53.4	0.7120	0.0130
SRM84	C11STM235	C11STM234	CONDUIT	53.0	1.8122	0.0130
SRM840	I9STM150	J469	CONDUIT	67.5	0.2370	0.0130
SRM844	J291	I12STM1485	CONDUIT	138.7	0.1976	0.0130
SRM844-S	J291	I12STM1485	CONDUIT	138.7	-0.9447	0.0130
SRM845	J290	J291	CONDUIT	53.1	0.1620	0.0130
SRM845-S	J290	J291	CONDUIT	53.1	-0.3390	0.0130
SRM846	J285	J286	CONDUIT	73.5	0.3931	0.0130
SRM847	J292	J471	CONDUIT	56.7	0.1200	0.0130
SRM847-S	J292	J471	CONDUIT	56.7	-1.6414	0.0130
SRM848	J293	J471	CONDUIT	59.9	0.2002	0.0130
SRM848-S	J293	J471	CONDUIT	59.9	-0.7341	0.0130
SRM849	J471	J285	CONDUIT	44.1	0.1202	0.0130
SRM849-S	J471	J285	CONDUIT	44.1	-1.7244	0.0130
SRM85	C11STM236	C11STM235	CONDUIT	44.6	1.8180	0.0130
SRM850	J284	J281	CONDUIT	42.7	0.4307	0.0130
SRM850-S	J284	J281	CONDUIT	42.7	-0.1404	0.0130
SRM851	J289	J275	CONDUIT	67.8	0.2095	0.0250
SRM851-S	J289	J275	CONDUIT	70.9	1.4969	0.0130
SRM852	J472	J289	CONDUIT	41.7	1.4252	0.0250
SRM852-S	J472	J289	CONDUIT	41.7	0.8181	0.0130
SRM853	J258	J259	CONDUIT	36.2	2.9621	0.0130
SRM853-S	J258	J259	CONDUIT	36.2	3.0588	0.0130
SRM854	J259	J260	CONDUIT	32.4	4.5991	0.0130
SRM854-S	J259	J260	CONDUIT	32.4	4.9394	0.0130
SRM855	J261	J262	CONDUIT	104.6	2.8092	0.0130
SRM855-S	J261	J262	CONDUIT	104.6	2.8331	0.0130
SRM856	J263	J262	CONDUIT	26.5	0.5660	0.0130
SRM856-S	J263	J262	CONDUIT	26.5	0.0415	0.0130
SRM857	J265	J264	CONDUIT	115.0	0.6130	0.0130
SRM857-S	J265	J264	CONDUIT	115.0	0.6652	0.0130
SRM858	J277	J276	CONDUIT	57.2	0.4422	0.0250
SRM858-S	J277	J276	CONDUIT	57.2	0.3496	0.0130
SRM859	J116	J440	CONDUIT	114.4	1.0052	0.0130
SRM859-S	J116	J440	CONDUIT	114.4	0.4440	0.0130
SRM86	C11STM237	C11STM236	CONDUIT	103.4	1.8188	0.0130
SRM863	J185	J183	CONDUIT	56.3	0.0835	0.0130
SRM863-S	J185	J183	CONDUIT	56.3	-0.0817	0.0130
SRM864	J207	J208	CONDUIT	39.3	0.1500	0.0130

SRM864-S	J207	J208	CONDUIT	39.3	-0.4270	0.0130
SRM865	J210	J211	CONDUIT	59.8	0.1705	0.0130
SRM865-S	J210	J211	CONDUIT	59.8	0.6303	0.0130
SRM866	J211	J212	CONDUIT	50.7	0.1203	0.0130
SRM866-S	J211	J212	CONDUIT	50.7	-1.2132	0.0130
SRM867	J212	J213	CONDUIT	50.8	0.1201	0.0130
SRM867-S	J212	J213	CONDUIT	50.8	0.6420	0.0130
SRM869	J213	J214	CONDUIT	59.8	0.1003	0.0130
SRM869-S	J213	J214	CONDUIT	59.8	0.1488	0.0130
SRM870	J214	J215	CONDUIT	61.5	0.2211	0.0130
SRM870-S	J214	J215	CONDUIT	61.5	0.4991	0.0130
SRM871	J215	J190	CONDUIT	51.3	0.0819	0.0130
SRM871-S	J215	J190	CONDUIT	51.3	-0.0975	0.0130
SRM872	J190	J189	CONDUIT	30.5	0.0655	0.0130
SRM872-S	J190	J189	CONDUIT	30.5	0.1375	0.0130
SRM873	J208	J209	CONDUIT	25.4	0.3459	0.0130
SRM873-S	J208	J209	CONDUIT	25.4	-1.9895	0.0130
SRM876	J477	J210	CONDUIT	66.6	0.1997	0.0130
SRM876-S	J477	J210	CONDUIT	71.8	-1.3229	0.0130
SRM88	D14STM243	D14STM244	CONDUIT	74.5	0.1342	0.0130
SRM880	J478	J183	CONDUIT	19.7	4.0867	0.0130
SRM880-S	J478	J183	CONDUIT	19.7	0.2330	0.0130
SRM881	J189	J188	CONDUIT	29.9	0.0602	0.0130
SRM881-S	J189	J188	CONDUIT	29.9	-0.2675	0.0130
SRM882	J479	J184	CONDUIT	65.2	0.4004	0.0130
SRM882-S	J479	J184	CONDUIT	65.2	1.0109	0.0130
SRM883	J184	J186	CONDUIT	27.9	0.5200	0.0130
SRM883-S	J184	J186	CONDUIT	27.9	-1.2051	0.0130
SRM884	J480	J185	CONDUIT	21.0	5.4164	0.0130
SRM884-S	J480	J185	CONDUIT	25.1	-0.5540	0.0130
SRM885	J188	J185	CONDUIT	50.5	0.1385	0.0130
SRM885-S	J188	J185	CONDUIT	50.5	0.3701	0.0130
SRM886	J481	J190	CONDUIT	80.0	0.5738	0.0130
SRM886-S	J481	J190	CONDUIT	84.3	-0.5576	0.0130
SRM887	J482	J188	CONDUIT	61.0	0.3277	0.0130
SRM887-S	J482	J188	CONDUIT	66.2	-0.4170	0.0130
SRM888	J209	J210	CONDUIT	61.9	0.1502	0.0130
SRM888-S	J209	J210	CONDUIT	61.9	-0.7655	0.0130
SRM889	J206	J207	CONDUIT	16.5	0.1396	0.0130
SRM889-S	J206	J207	CONDUIT	16.5	0.4614	0.0130
SRM89	J351	J157	CONDUIT	63.6	0.2689	0.0130
SRM890	J483	J206	CONDUIT	44.1	0.1993	0.0130
SRM890-S	J483	J206	CONDUIT	47.6	-0.2923	0.0130
SRM891	J484	J206	CONDUIT	37.3	0.2011	0.0130
SRM891-S	J484	J206	CONDUIT	37.3	-0.3084	0.0130
SRM892	J186	J485	CONDUIT	67.6	0.1479	0.0130
SRM892-S	J186	J485	CONDUIT	67.6	-0.5489	0.0130
SRM893	J183	J186	CONDUIT	11.0	0.8088	0.0130
SRM893-S	J183	J186	CONDUIT	11.0	-0.3362	0.0130
SRM89-S	J351	J157	CONDUIT	63.6	1.3510	0.0130
SRM9	GCMH37	GCMH38	CONDUIT	106.2	1.4600	0.0130
SRM90	J352	J351	CONDUIT	55.8	2.5532	0.0130
SRM905	J120	J499	CONDUIT	29.4	0.6459	0.0130
SRM905-S	J120	J499	CONDUIT	29.4	-6.1650	0.0130
SRM906-20171208	J153	J154	CONDUIT	95.7	0.8749	0.0250
SRM906-20171208-S	J153	J154	CONDUIT	95.8	0.2150	0.0130
SRM90-S	J352	J351	CONDUIT	55.8	2.9123	0.0130
SRM915	J499	J510	CONDUIT	88.2	0.6346	0.0130
SRM915-S	J499	J510	CONDUIT	88.2	1.0880	0.0130
SRM92	F9STM259	J354	CONDUIT	64.3	1.2362	0.0250
SRM926	J384	J38	CONDUIT	13.1	0.5873	0.0130
SRM926-S	J38	J384	CONDUIT	13.1	-0.2746	0.0130
SRM927	J234	J238	CONDUIT	81.3	1.3723	0.0130
SRM927-S	J234	J238	CONDUIT	81.3	3.6654	0.0130
SRM928	J266	J229	CONDUIT	53.5	1.8323	0.0130
SRM929	J516	J269	CONDUIT	24.2	0.9079	0.0130
SRM929-S	J516	J269	CONDUIT	24.2	-1.0029	0.0130
SRM92-S	F9STM259	J354	CONDUIT	64.3	1.2362	0.0130
SRM93	J355	J356	CONDUIT	27.3	0.0843	0.0250
SRM931	J237	J236	CONDUIT	12.9	0.5968	0.0130
SRM931-S	J237	J236	CONDUIT	12.9	-0.2868	0.0130
SRM932	J234	J235	CONDUIT	74.7	1.0397	0.0130
SRM932-S	J234	J235	CONDUIT	74.7	0.6463	0.0130
SRM933	J228	J234	CONDUIT	20.7	1.2781	0.0130
SRM933-S	J228	J234	CONDUIT	20.7	0.8956	0.0130

SRM934	J229	J228	CONDUIT	52.3	1.0066	0.0130
SRM934-S	J229	J228	CONDUIT	52.3	0.3062	0.0130
SRM936	J230	J229	CONDUIT	26.3	0.8693	0.0130
SRM936-S	J230	J229	CONDUIT	26.3	0.4897	0.0130
SRM938	J233	J232	CONDUIT	29.1	6.8361	0.0130
SRM938-S	J233	J232	CONDUIT	29.1	5.2859	0.0130
SRM939	J519	J268	CONDUIT	15.4	2.3853	0.0130
SRM93-S	J355	J356	CONDUIT	27.3	-0.6485	0.0130
SRM941	J267	J147	CONDUIT	87.5	1.7968	0.0130
SRM942_2	J21	J267	CONDUIT	223.8	0.9729	0.0130
SRM943	J235	J236	CONDUIT	79.9	2.9697	0.0130
SRM943-S	J235	J236	CONDUIT	79.9	3.8531	0.0130
SRM944	J521	J235	CONDUIT	17.4	0.9680	0.0130
SRM945	J239	Crestview	CONDUIT	28.9	0.2489	0.0130
SRM946	J236	J239	CONDUIT	88.4	0.3361	0.0130
SRM947	J238	J237	CONDUIT	50.3	0.5742	0.0130
SRM947-S	J238	J237	CONDUIT	50.3	1.2299	0.0130
SRM950	J269	J225	CONDUIT	139.3	1.0255	0.0130
SRM950-S	J269	J225	CONDUIT	139.3	1.5456	0.0130
SRM951	J225	J226	CONDUIT	46.0	2.5338	0.0130
SRM951-S	J225	J226	CONDUIT	46.0	3.2478	0.0130
SRM952	J224	J225	CONDUIT	53.1	3.0250	0.0130
SRM952-S	J224	J225	CONDUIT	53.1	2.8609	0.0130
SRM954	J227	J228	CONDUIT	108.5	1.0129	0.0130
SRM954-S	J227	J228	CONDUIT	108.5	2.1865	0.0130
SRM955	J231	J230	CONDUIT	42.9	0.7942	0.0130
SRM955-S	J231	J230	CONDUIT	42.9	0.6498	0.0130
SRM956	J268	J227	CONDUIT	14.6	1.1956	0.0130
SRM957	J525	J268	CONDUIT	23.5	0.4037	0.0130
SRM958	J226	J227	CONDUIT	53.5	1.7800	0.0130
SRM958-S	J226	J227	CONDUIT	53.5	2.3823	0.0130
SRM959	J154	J231	CONDUIT	73.5	2.6602	0.0130
SRM959-S	J154	J231	CONDUIT	73.5	4.3828	0.0130
SRM960	J232	J154	CONDUIT	58.5	3.5049	0.0130
SRM960-S	J232	J154	CONDUIT	58.5	4.8309	0.0130
SRM961	J270	J227	CONDUIT	147.2	1.0062	0.0130
SRM961-S	J270	J227	CONDUIT	147.2	0.5768	0.0130
SRM963	GCMH41	GCMH42	CONDUIT	52.6	2.2786	0.0130
SRM964	GCMH110	GCMH40	CONDUIT	57.0	0.2736	0.0130
SRM964-S	GCMH110	GCMH40	CONDUIT	57.0	0.8821	0.0130
SRM965	GCMH40	GCMH41	CONDUIT	109.6	0.1615	0.0130
SRM965-S	GCMH40	GCMH41	CONDUIT	109.6	0.1916	0.0130
SRM966	GCMH99	GCMH43	CONDUIT	37.4	0.7173	0.0130
SRM966-S	GCMH99	GCMH43	CONDUIT	37.4	1.5578	0.0130
SRM967	GCMH43	GCMH40	CONDUIT	142.4	0.2451	0.0130
SRM967-S	GCMH43	GCMH40	CONDUIT	142.4	-0.4987	0.0130
SRM984	J527	J246	CONDUIT	10.5	1.8095	0.0130
SRM984-S	J527	J246	CONDUIT	10.5	4.4512	0.0130
SRM985	J246	J245	CONDUIT	47.0	2.7930	0.0130
SRM985-S	J246	J245	CONDUIT	47.0	2.9357	0.0130
SRM986	J245	J243	CONDUIT	111.7	2.6526	0.0130
SRM986-S	J245	J243	CONDUIT	111.7	3.5473	0.0130
SRM987	J244	J243	CONDUIT	112.6	0.3987	0.0130
SRM987-S	J244	J243	CONDUIT	112.6	0.5062	0.0130
SRM988	J243	J242	CONDUIT	46.0	0.3784	0.0130
SRM989	J302	J240	CONDUIT	37.1	1.5438	0.0130
SRM989-S	J302	J240	CONDUIT	37.1	1.8623	0.0130
SRM99	F14STM272	F14STM273	CONDUIT	33.6	2.9525	0.0130
SRM990	J240	J241	CONDUIT	110.0	1.4922	0.0130
SRM990-S	J240	J241	CONDUIT	110.0	1.3086	0.0130
SRM991	J241	J242	CONDUIT	60.0	0.4284	0.0130
SRM992	J528	J241	CONDUIT	64.2	3.8982	0.0130
SRM992-S	J528	J241	CONDUIT	64.2	3.2556	0.0130
SRM993	J301	J245	CONDUIT	112.7	1.0146	0.0130
SRM993-S	J301	J245	CONDUIT	112.7	0.3994	0.0130
SRM994	J301	J244	CONDUIT	110.6	2.7955	0.0130
SRM994-S	J301	J244	CONDUIT	110.6	3.4737	0.0130
SRM995	J299	J247	CONDUIT	93.8	0.3976	0.0130
SRM995-S	J299	J247	CONDUIT	93.8	0.0213	0.0130
SRM996	J247	J246	CONDUIT	62.1	0.3738	0.0130
SRM996-S	J247	J246	CONDUIT	62.1	0.8700	0.0130
SRM997	J300	J246	CONDUIT	48.5	2.9812	0.0130
SRM9-S	GCMH37	GCMH38	CONDUIT	116.6	1.9552	0.0130
Vista_Ryders_Ridge	Crestview1	J248	CONDUIT	97.0	0.3402	0.0130
	C18	G7STM262	J358	TYPE3 PUMP		

P1	J485	HPMH1	TYPE3 PUMP
GCC16	GCMH130	C17STM1078	ORIFICE
GCC28	Fox_Run_PH14	A14STM34	ORIFICE
GCC37	Fox_Run_PH6-7	GCMH82	ORIFICE
OR1	Hewlett_Park	HPMH38	ORIFICE
OR2	Pier_View	J342	ORIFICE
OR3	Waterford_Station_Pond2	GCMH88	ORIFICE
OR4	Waterford_Station_Pond3	J68	ORIFICE
OR5	Greyhawk	CULV5475_Inlet	ORIFICE
OR6	Tank2-S3547	734	ORIFICE
OR7	Tank1-S3435	740	ORIFICE
SRM107_1	Lakeway_Landing_Ph2	J20	ORIFICE
SRM1742	Waterford_Station_Pond1	GCMH21	ORIFICE
SRM525_1	J9	J69	ORIFICE
SRM639	Beacon_Hill	GCMH46	ORIFICE
SRM942_1	Crestview	J21	ORIFICE
SRM999	J248	J529	ORIFICE
C67	SU1	GCMH79	WEIR
W1	Westwood_Lane	A6STM162	WEIR

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Cross Section Summary
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Conduit	Full Shape	Full Depth	Hyd. Area	Max. Rad.	No. of Width	Full Barrels	Flow
1000	CIRCULAR	0.90	0.64	0.23	0.90	1	1171.51
1000-S	CG-CG	0.30	3.78	0.25	14.71	1	7726.10
1001	CIRCULAR	0.90	0.64	0.23	0.90	1	628.93
1001-S	CG-CG	0.30	3.78	0.25	14.71	1	8852.71
1002	CIRCULAR	0.60	0.28	0.15	0.60	1	408.01
1003	CIRCULAR	0.60	0.28	0.15	0.60	1	166.73
1003-S	CG-CG	0.30	3.78	0.25	14.71	1	403.02
1004	CIRCULAR	0.30	0.07	0.07	0.30	1	64.15
1005	CIRCULAR	0.30	0.07	0.07	0.30	1	91.17
1005-S	CG-CG	0.30	3.78	0.25	14.71	1	8681.43
1006	CIRCULAR	0.30	0.07	0.07	0.30	1	60.94
1007	CIRCULAR	0.30	0.07	0.07	0.30	1	89.97
1007-S	CG-CG	0.30	3.78	0.25	14.71	1	4002.00
1008	CIRCULAR	0.45	0.16	0.11	0.45	1	111.80
1008-S	CG-CG	0.30	3.78	0.25	14.71	1	1398.95
1009	CIRCULAR	0.60	0.28	0.15	0.60	1	215.25
1009-S	CG-CG	0.30	3.78	0.25	14.71	1	10053.53
1011	CIRCULAR	0.60	0.28	0.15	0.60	1	201.24
993	CIRCULAR	0.60	0.28	0.15	0.60	1	496.20
993-S	CG-CG	0.30	3.78	0.25	14.71	1	10706.56
994	CIRCULAR	0.60	0.28	0.15	0.60	1	559.96
994-S	CG-CG	0.30	3.78	0.25	14.71	1	7246.02
995	CIRCULAR	0.60	0.28	0.15	0.60	1	385.95
996	CIRCULAR	0.75	0.44	0.19	0.75	1	374.06
996-S	CG-CG	0.30	3.78	0.25	14.71	1	10475.36
997	CIRCULAR	0.30	0.07	0.07	0.30	1	91.98
998	CIRCULAR	0.60	0.28	0.15	0.60	1	290.19
999	CIRCULAR	0.60	0.28	0.15	0.60	1	418.89
C1	TRAPEZOIDAL	1.00	6.00	0.64	9.00	1	13657.19
C10	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	13257.98
C100	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	5028.54
C101	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	10194.14
C102	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	3893.39
C103	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	2787.95
C104	CIRCULAR	0.90	0.64	0.23	0.90	1	352.83
C105	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	4273.87
C106	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	3942.18
C107	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	1851.61
C108	CIRCULAR	0.90	0.64	0.23	0.90	1	229.00
C109	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	2448.71
C11	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	14447.37
C110	CIRCULAR	0.90	0.64	0.23	0.90	1	372.51
C111	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	6005.16
C112	CIRCULAR	0.90	0.64	0.23	0.90	1	350.79
C12	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	5926.04
C13	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	21795.85
C14	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	6787.40
C15	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	11449.94

C16	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	17366.74
C17	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	15482.27
C18-S	CG-CG	0.30	3.78	0.25	14.71	1	17020.05
C18-S1	CG-CG	0.30	3.78	0.25	14.71	1	19890.23
C18-S2	CG-CG	0.30	3.78	0.25	14.71	1	17878.35
C18-S3	CG-CG	0.30	3.78	0.25	14.71	1	12418.29
C18-S4	CG-CG	0.30	3.78	0.25	14.71	1	25886.50
C18-S5	CG-CG	0.30	3.78	0.25	14.71	1	7379.67
C18-S6	CG-CG	0.30	3.78	0.25	14.71	1	13002.02
C18-S7	CG-CG	0.30	3.78	0.25	14.71	1	10735.04
C18-S8	CG-CG	0.30	3.78	0.25	14.71	1	5495.51
C19	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	7546.97
C2	CIRCULAR	0.38	0.11	0.09	0.38	1	434.47
C20	CIRCULAR	0.45	0.16	0.11	0.45	4	137.92
C20-S	CG-CG	0.30	3.78	0.25	14.71	1	30353.06
C20-S1	CG-CG	0.30	3.78	0.25	14.71	1	9789.34
C20-S2	CG-CG	0.30	3.78	0.25	14.71	1	7970.97
C20-S3	CG-CG	0.30	3.78	0.25	14.71	1	5511.29
C20-S4	CG-CG	0.30	3.78	0.25	14.71	1	4806.32
C20-S5	CG-CG	0.30	3.78	0.25	14.71	1	12187.17
C20-S6	CG-CG	0.30	3.78	0.25	14.71	1	6739.64
C21	CIRCULAR	0.45	0.16	0.11	0.45	4	64.90
C21-S	CG-CG	0.30	3.78	0.25	14.71	1	3131.01
C22	CIRCULAR	0.45	0.16	0.11	0.45	4	54.59
C23	CIRCULAR	1.05	0.87	0.26	1.05	1	2849.87
C24	CIRCULAR	0.45	0.16	0.11	0.45	4	68.24
C24-S1	CG-CG	0.30	3.78	0.25	14.71	1	21082.61
C25	CIRCULAR	0.20	0.03	0.05	0.20	1	42.25
C25-S	CG-CG	0.30	3.78	0.25	14.71	1	15393.98
C26	CIRCULAR	0.30	0.07	0.07	0.30	1	15.27
C26_2	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	8816.79
C27	CIRCULAR	1.00	0.79	0.25	1.00	1	1770.45
C28	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	18448.37
C29	CIRCULAR	0.53	0.22	0.13	0.53	1	175.75
C3	CIRCULAR	0.30	0.07	0.07	0.30	1	143.59
C30	RECT_CLOSED	1.00	1.50	0.30	1.50	1	2234.90
C31	TRAPEZOIDAL	1.00	6.00	0.64	9.00	1	27104.27
C32	TRAPEZOIDAL	1.00	6.00	0.64	9.00	1	27309.04
C32_1	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	5704.63
C32_3	CIRCULAR	1.00	0.79	0.25	1.00	1	834.49
C32_4	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	10529.79
C33	CIRCULAR	0.53	0.22	0.13	0.53	1	158.97
C33-S	CG-CG	0.30	3.78	0.25	14.71	1	7624.20
C34	CIRCULAR	0.45	0.16	0.11	0.45	1	268.67
C34-S	CG-CG	0.30	3.78	0.25	14.71	1	2372.33
C35	CIRCULAR	0.53	0.22	0.13	0.53	1	181.75
C35-S	CG-CG	0.30	3.78	0.25	14.71	1	7354.38
C36	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	2892.45
C36_2	TRAPEZOIDAL	0.99	3.92	0.54	6.93	1	6550.55
C37	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	5711.92
C38	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	7560.58
C39	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	10198.40
C3-S	CG-CG	0.30	3.78	0.25	14.71	1	13028.19
C4	CIRCULAR	0.30	0.07	0.07	0.30	1	23.78
C40	CIRCULAR	1.00	0.79	0.25	1.00	1	1605.60
C41	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	12609.13
C42	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	4349.80
C43	CIRCULAR	1.00	0.79	0.25	1.00	1	1307.56
C44	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	5151.04
C45	CIRCULAR	1.00	0.79	0.25	1.00	1	1219.70
C46	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	8739.98
C47	CIRCULAR	1.00	0.79	0.25	1.00	1	1274.26
C48	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	5514.10
C49	TRAPEZOIDAL	1.00	6.00	0.64	9.00	1	3966.45
C49_1	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	14228.82
C49_2	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	14230.14
C4-S	CG-CG	0.30	3.78	0.25	14.71	1	7319.52
C5	CIRCULAR	0.60	0.28	0.15	0.60	1	487.16
C50	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	3646.82
C51	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	7826.49
C52	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	4520.19
C53	CIRCULAR	0.80	0.50	0.20	0.80	1	1943.52
C53_1	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	18163.52
C54	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	20690.86
C54_1	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	16646.49

C55	CIRCULAR	0.30	0.07	0.07	0.30	1	220.89
C55-S	CG-CG	0.30	3.78	0.25	14.71	1	11223.60
C56	CIRCULAR	0.30	0.07	0.07	0.30	1	45.92
C56-S	CG-CG	0.30	3.78	0.25	14.71	1	3950.11
C57	CIRCULAR	0.38	0.11	0.09	0.38	1	104.06
C58	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	32976.39
C59	CIRCULAR	0.75	0.44	0.19	0.75	1	961.92
C59-S	CG-CG	0.30	3.78	0.25	14.71	1	15326.82
C5-S	CG-CG	0.30	3.78	0.25	14.71	1	7669.57
C6	CIRCULAR	0.60	0.28	0.15	0.60	1	486.20
C60	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	3202.92
C61	TRAPEZOIDAL	1.00	6.00	0.64	9.00	1	5785.50
C62	CIRCULAR	0.75	0.44	0.19	0.75	1	1243.25
C63	CIRCULAR	1.05	0.87	0.26	1.05	1	2470.38
C63-S	CG-CG	0.30	3.78	0.25	14.71	1	7048.68
C64	CIRCULAR	1.05	0.87	0.26	1.05	1	6238.34
C64-S	CG-CG	0.30	3.78	0.25	14.71	1	20070.74
C65	CIRCULAR	1.05	0.87	0.26	1.05	1	1531.92
C65-S	CG-CG	0.30	3.78	0.25	14.71	1	6876.58
C66	CIRCULAR	0.60	0.28	0.15	0.60	1	705.87
C68	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	10531.99
C69	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	15490.88
C6-S	CG-CG	0.30	3.78	0.25	14.71	1	15470.55
C7	CIRCULAR	0.90	0.64	0.23	0.90	1	1428.47
C70	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	11449.46
C71	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	887.75
C72	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	10520.49
C73	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	6258.60
C74	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	11515.10
C75	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	9671.87
C76	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	7335.58
C77	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	15017.33
C78	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	8025.54
C79	CIRCULAR	0.45	0.16	0.11	0.45	4	77.27
C7-S	CG-CG	0.30	3.78	0.25	14.71	1	9000.01
C8	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	30337.39
C80	CIRCULAR	0.45	0.16	0.11	0.45	4	61.88
C81	CIRCULAR	0.45	0.16	0.11	0.45	4	115.26
C82	CIRCULAR	0.45	0.16	0.11	0.45	1	37.38
C83	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	6055.28
C84	CIRCULAR	0.45	0.16	0.11	0.45	1	318.59
C85	CIRCULAR	0.45	0.16	0.11	0.45	1	579.37
C86	CIRCULAR	0.75	0.44	0.19	0.75	1	497.90
C87	CIRCULAR	1.20	1.13	0.30	1.20	2	1433.39
C88	CIRCULAR	0.30	0.07	0.07	0.30	1	530.45
C89	CIRCULAR	0.30	0.07	0.07	0.30	1	186.42
C9	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	81265.29
C90	CIRCULAR	0.90	0.64	0.23	0.90	1	519.18
C91	CIRCULAR	1.20	1.13	0.30	1.20	1	8643.35
C91_1	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	3321.26
C91_2	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	3324.63
C91_3	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	8149.86
C91_4	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	8150.46
C92	CIRCULAR	1.20	1.13	0.30	1.20	1	4128.65
C93	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	15151.56
C94	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	6657.20
C95	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	10046.52
C96	CIRCULAR	0.60	0.28	0.15	0.60	1	844.12
C97	CIRCULAR	0.60	0.28	0.15	0.60	1	132.77
C98	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	9940.93
C99	CIRCULAR	0.90	0.64	0.23	0.90	1	535.50
GCC1	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	7032.08
GCC10	CIRCULAR	0.50	0.20	0.12	0.50	1	360.52
GCC11	CIRCULAR	0.45	0.16	0.11	0.45	1	118.25
GCC12	CIRCULAR	0.38	0.11	0.09	0.38	1	424.92
GCC13	CIRCULAR	0.20	0.03	0.05	0.20	1	22.63
GCC13-S	CG-CG	0.30	3.78	0.25	14.71	1	2698.66
GCC15	CIRCULAR	0.38	0.11	0.09	0.38	1	558.05
GCC17	CIRCULAR	0.30	0.07	0.07	0.30	1	179.68
GCC18	CIRCULAR	0.75	0.44	0.19	0.75	1	51.51
GCC19	CIRCULAR	0.45	0.16	0.11	0.45	1	316.05
GCC2	CIRCULAR	1.50	1.77	0.38	1.50	2	919.30
GCC20	CIRCULAR	0.38	0.11	0.09	0.38	1	99.57
GCC21	CIRCULAR	0.45	0.16	0.11	0.45	1	127.73
GCC22	CIRCULAR	0.68	0.36	0.17	0.68	1	488.70

GCC23	CIRCULAR	0.45	0.16	0.11	0.45	1	185.53
GCC23-S	CG-CG	0.30	3.78	0.25	14.71	1	3423.49
GCC24	CIRCULAR	1.05	0.87	0.26	1.05	1	1456.99
GCC25	CIRCULAR	1.05	0.87	0.26	1.05	1	7601.73
GCC26	CIRCULAR	0.75	0.44	0.19	0.75	1	1440.43
GCC27	CIRCULAR	0.30	0.07	0.07	0.30	1	132.90
GCC29	CIRCULAR	0.60	0.28	0.15	0.60	1	806.18
GCC29-S	CG-CG	0.30	3.78	0.25	14.71	1	5229.24
GCC3	TRAPEZOIDAL	1.50	12.75	0.95	13.00	1	1767.87
GCC30	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	4969.70
GCC31	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	9826.83
GCC32	TRAPEZOIDAL	1.50	12.75	0.95	13.00	1	7299.67
GCC33	TRAPEZOIDAL	1.50	12.75	0.95	13.00	1	25043.86
GCC34	TRAPEZOIDAL	1.50	12.75	0.95	13.00	1	25599.61
GCC35	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	3993.51
GCC36	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	5833.17
GCC38	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	21589.98
GCC39	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	7562.43
GCC4	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	16106.68
GCC40	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	9848.59
GCC41	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	14078.33
GCC42	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	10675.82
GCC43	CIRCULAR	1.50	1.77	0.38	1.50	1	3469.80
GCC44	CIRCULAR	1.50	1.77	0.38	1.50	1	3127.19
GCC45	CIRCULAR	1.50	1.77	0.38	1.50	2	3464.94
GCC46	TRAPEZOIDAL	1.50	12.75	0.95	13.00	1	7325.52
GCC47	CIRCULAR	1.00	0.79	0.25	1.00	1	1208.00
GCC48	CIRCULAR	1.00	0.79	0.25	1.00	1	1759.49
GCC49	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	16509.17
GCC5	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	6103.73
GCC50	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	19746.74
GCC51	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	4350.05
GCC52	CIRCULAR	1.00	0.79	0.25	1.00	1	1014.52
GCC53	CIRCULAR	1.00	0.79	0.25	1.00	1	810.51
GCC54	CIRCULAR	0.53	0.22	0.13	0.53	1	588.79
GCC54-S	CG-CG	0.30	3.78	0.25	14.71	1	5701.45
GCC55	CIRCULAR	0.60	0.28	0.15	0.60	1	829.13
GCC55-S	CG-CG	0.30	3.78	0.25	14.71	1	21234.43
GCC56	CIRCULAR	0.30	0.07	0.07	0.30	1	112.43
GCC57	CIRCULAR	0.30	0.07	0.07	0.30	1	69.21
GCC58	RECT_OPEN	0.30	0.30	0.19	1.00	1	1066.44
GCC59	TRAPEZOIDAL	1.00	3.00	0.47	6.00	1	24801.70
GCC6	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	15059.33
GCC60	CIRCULAR	1.05	0.87	0.26	1.05	1	1241.65
GCC61	CIRCULAR	0.30	0.07	0.07	0.30	1	144.29
GCC61-S	CG-CG	0.30	3.78	0.25	14.71	1	10328.89
GCC62	CIRCULAR	0.38	0.11	0.09	0.38	1	209.48
GCC62-S	CG-CG	0.30	3.78	0.25	14.71	1	14247.40
GCC63	CIRCULAR	0.20	0.03	0.05	0.20	1	13.29
GCC63-S	CG-CG	0.30	3.78	0.25	14.71	1	10758.10
GCC64	CIRCULAR	0.45	0.16	0.11	0.45	1	569.23
GCC65	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	15897.58
GCC66	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	6864.92
GCC67	TRAPEZOIDAL	1.50	12.75	0.95	13.00	1	61867.12
GCC68	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	8217.37
GCC7	CIRCULAR	0.30	0.07	0.07	0.30	1	159.38
GCC71	TRAPEZOIDAL	1.50	12.75	0.95	13.00	1	33263.40
GCC72	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	3933.54
GCC73	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	11671.22
GCC74	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	1911.27
GCC75	CIRCULAR	0.30	0.07	0.07	0.30	1	66.02
GCC8	CIRCULAR	0.50	0.20	0.12	0.50	1	283.00
GCC9	CIRCULAR	0.50	0.20	0.12	0.50	1	286.23
HPC1	CIRCULAR	0.20	0.03	0.05	0.20	1	20.92
HPC14	CIRCULAR	1.20	1.13	0.30	1.20	2	538.57
HPC15	CIRCULAR	1.20	1.13	0.30	1.20	2	1894.01
HPC19	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	15496.42
HPC2	CIRCULAR	0.38	0.11	0.09	0.38	1	57.83
HPC20	CIRCULAR	0.38	0.11	0.09	0.38	1	68.70
HPC21_1	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	25989.25
HPC21_2	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	19305.92
HPC22	CIRCULAR	0.38	0.11	0.09	0.38	1	32.13
HPC24	CIRCULAR	0.38	0.11	0.09	0.38	1	485.70
HPC25	CIRCULAR	0.38	0.11	0.09	0.38	1	76.46
HPC26	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	33148.90

HPC27	CIRCULAR	1.20	1.13	0.30	1.20	1	1990.63
HPC28	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	32525.84
HPC29	CIRCULAR	1.20	1.13	0.30	1.20	2	1274.11
HPC3	TRAPEZOIDAL	1.00	5.00	0.67	7.00	1	10100.97
HPC33	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	21999.34
HPC34_1	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	19070.03
HPC34_2	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	19238.62
HPC35	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	3455.58
HPC36	CIRCULAR	0.38	0.11	0.09	0.38	1	128.68
HPC37	CIRCULAR	0.60	0.28	0.15	0.60	1	266.15
HPC38	CIRCULAR	0.80	0.50	0.20	0.80	1	881.03
HPC39	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	6453.92
HPC4	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	10940.20
HPC40	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	27929.71
HPC42	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	16015.84
HPC43	CIRCULAR	0.80	0.50	0.20	0.80	2	410.36
HPC44	CIRCULAR	0.80	0.50	0.20	0.80	1	29.27
HPC45	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	11204.30
HPC46	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	8180.81
HPC47	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	53901.62
HPC48	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	4474.87
HPC49	CIRCULAR	1.20	1.13	0.30	1.20	1	1412.43
HPC5	TRAPEZOIDAL	1.50	6.00	0.78	7.00	1	535.08
HPC6	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	19420.13
SRM1	CIRCULAR	0.30	0.07	0.07	0.30	1	176.29
SRM1000	CIRCULAR	0.75	0.44	0.19	0.75	1	2157.18
SRM1002	CIRCULAR	0.90	0.64	0.23	0.90	1	3522.94
SRM1008	CIRCULAR	0.38	0.11	0.09	0.38	1	85.01
SRM101	CIRCULAR	0.75	0.44	0.19	0.75	1	2551.88
SRM1012	CIRCULAR	0.45	0.16	0.11	0.45	1	113.15
SRM1013	CIRCULAR	0.45	0.16	0.11	0.45	1	110.62
SRM1014	CIRCULAR	0.38	0.11	0.09	0.38	1	67.85
SRM1015	CIRCULAR	0.38	0.11	0.09	0.38	1	68.07
SRM1017	CIRCULAR	0.38	0.11	0.09	0.38	1	76.80
SRM1018	CIRCULAR	0.38	0.11	0.09	0.38	1	67.08
SRM102	CIRCULAR	0.38	0.11	0.09	0.38	1	131.68
SRM103	CIRCULAR	0.60	0.28	0.15	0.60	1	518.57
SRM104	CIRCULAR	0.60	0.28	0.15	0.60	1	686.45
SRM1040	CIRCULAR	0.60	0.28	0.15	0.60	1	193.01
SRM105	CIRCULAR	0.60	0.28	0.15	0.60	1	1024.47
SRM1053	CIRCULAR	0.38	0.11	0.09	0.38	1	246.85
SRM106	CIRCULAR	0.90	0.64	0.23	0.90	1	1174.99
SRM107_2	CIRCULAR	0.90	0.64	0.23	0.90	1	1532.75
SRM108	CIRCULAR	0.30	0.07	0.07	0.30	1	59.73
SRM109	CIRCULAR	0.53	0.22	0.13	0.53	1	376.82
SRM109-S	CG-CG	0.30	3.78	0.25	14.71	1	10446.37
SRM110	CIRCULAR	0.75	0.44	0.19	0.75	1	547.39
SRM111	CIRCULAR	0.53	0.22	0.13	0.53	1	192.25
SRM112	CIRCULAR	0.75	0.44	0.19	0.75	1	519.88
SRM114	CIRCULAR	0.38	0.11	0.09	0.38	1	226.79
SRM116	CIRCULAR	0.60	0.28	0.15	0.60	1	672.68
SRM120	CIRCULAR	0.60	0.28	0.15	0.60	1	765.93
SRM120-S	CG-CG	0.30	3.78	0.25	14.71	1	11719.76
SRM121	CIRCULAR	0.30	0.07	0.07	0.30	1	111.17
SRM122	CIRCULAR	0.60	0.28	0.15	0.60	1	742.30
SRM122-S	CG-CG	0.30	3.78	0.25	14.71	1	22475.80
SRM123	CIRCULAR	0.60	0.28	0.15	0.60	1	1215.25
SRM123-S	CG-CG	0.30	3.78	0.25	14.71	1	24544.58
SRM124	CIRCULAR	0.60	0.28	0.15	0.60	1	742.18
SRM124-S	CG-CG	0.30	3.78	0.25	14.71	1	38168.95
SRM125	CIRCULAR	0.53	0.22	0.13	0.53	1	383.96
SRM125-S	CG-CG	0.30	3.78	0.25	14.71	1	6668.75
SRM13	CIRCULAR	0.60	0.28	0.15	0.60	1	512.68
SRM130	CIRCULAR	0.75	0.44	0.19	0.75	1	350.24
SRM1306	CIRCULAR	0.30	0.07	0.07	0.30	1	39.98
SRM1306-S	AC-AC	0.15	0.66	0.11	5.95	1	255.99
SRM1308	CIRCULAR	0.30	0.07	0.07	0.30	1	38.84
SRM1308-S	AC-AC	0.15	0.66	0.11	5.95	1	2034.12
SRM1309	CIRCULAR	0.30	0.07	0.07	0.30	1	42.56
SRM1309-S	AC-AC	0.15	0.66	0.11	5.95	1	886.77
SRM131	CIRCULAR	0.75	0.44	0.19	0.75	1	353.84
SRM1310	CIRCULAR	0.30	0.07	0.07	0.30	1	23.06
SRM132	CIRCULAR	0.75	0.44	0.19	0.75	1	350.70
SRM134	CIRCULAR	0.30	0.07	0.07	0.30	1	80.84
SRM136	CIRCULAR	0.30	0.07	0.07	0.30	1	130.40

SRM136-S	CG-CG	0.30	3.78	0.25	14.71	1	15920.66
SRM137	CIRCULAR	0.30	0.07	0.07	0.30	1	145.02
SRM137-S	CG-CG	0.30	3.78	0.25	14.71	1	17714.58
SRM138	CIRCULAR	0.30	0.07	0.07	0.30	1	164.06
SRM138-S	CG-CG	0.30	3.78	0.25	14.71	1	19238.37
SRM139	CIRCULAR	0.30	0.07	0.07	0.30	1	79.01
SRM139-S	CG-CG	0.30	3.78	0.25	14.71	1	9952.42
SRM13-S	CG-CG	0.30	3.78	0.25	14.71	1	9447.59
SRM14	CIRCULAR	0.68	0.36	0.17	0.68	1	1394.97
SRM142	CIRCULAR	1.05	0.87	0.26	1.05	1	1308.95
SRM144	CIRCULAR	0.38	0.11	0.09	0.38	1	363.51
SRM144-S	CG-CG	0.30	3.78	0.25	14.71	1	23888.11
SRM145	CIRCULAR	0.38	0.11	0.09	0.38	1	65.48
SRM145-S	CG-CG	0.30	3.78	0.25	14.71	1	16772.86
SRM146	CIRCULAR	0.38	0.11	0.09	0.38	1	181.36
SRM146-S	CG-CG	0.30	3.78	0.25	14.71	1	12924.07
SRM147	CIRCULAR	0.30	0.07	0.07	0.30	1	79.10
SRM148	CIRCULAR	0.30	0.07	0.07	0.30	1	141.91
SRM148-S	CG-CG	0.30	3.78	0.25	14.71	1	16890.20
SRM149	CIRCULAR	0.38	0.11	0.09	0.38	1	261.37
SRM149-S	CG-CG	0.30	3.78	0.25	14.71	1	20991.91
SRM14-S	CG-CG	0.30	3.78	0.25	14.71	1	17489.70
SRM150	CIRCULAR	0.30	0.07	0.07	0.30	1	42.77
SRM151	CIRCULAR	0.60	0.28	0.15	0.60	1	793.60
SRM151-S	CG-CG	0.30	3.78	0.25	14.71	1	34192.78
SRM152	CIRCULAR	0.53	0.22	0.13	0.53	1	398.40
SRM152-S	CG-CG	0.30	3.78	0.25	14.71	1	14467.50
SRM153	CIRCULAR	0.45	0.16	0.11	0.45	1	251.71
SRM154	CIRCULAR	0.75	0.44	0.19	0.75	1	1067.59
SRM155	CIRCULAR	0.75	0.44	0.19	0.75	1	1386.29
SRM156	CIRCULAR	0.75	0.44	0.19	0.75	1	1316.14
SRM158	CIRCULAR	1.20	1.13	0.30	1.20	1	4621.84
SRM158-S	CG-CG	0.30	3.78	0.25	14.71	1	7280.53
SRM16	CIRCULAR	0.60	0.28	0.15	0.60	1	835.44
SRM162	CIRCULAR	0.38	0.11	0.09	0.38	1	447.37
SRM162-S	CG-CG	0.30	3.78	0.25	14.71	1	27168.82
SRM163	CIRCULAR	0.45	0.16	0.11	0.45	1	643.75
SRM163-S	CG-CG	0.30	3.78	0.25	14.71	1	26255.28
SRM164	CIRCULAR	0.53	0.22	0.13	0.53	1	900.02
SRM164-S	CG-CG	0.30	3.78	0.25	14.71	1	22383.17
SRM165	CIRCULAR	0.53	0.22	0.13	0.53	1	746.40
SRM165-S	CG-CG	0.30	3.78	0.25	14.71	1	15067.55
SRM166	CIRCULAR	0.53	0.22	0.13	0.53	1	705.24
SRM166-S	CG-CG	0.30	3.78	0.25	14.71	1	18459.21
SRM168	CIRCULAR	0.53	0.22	0.13	0.53	1	720.93
SRM168-S	CG-CG	0.30	3.78	0.25	14.71	1	18715.24
SRM16-S	CG-CG	0.30	3.78	0.25	14.71	1	15013.31
SRM17	CIRCULAR	0.60	0.28	0.15	0.60	1	701.27
SRM170	CIRCULAR	0.75	0.44	0.19	0.75	1	1288.28
SRM170-S	CG-CG	0.30	3.78	0.25	14.71	1	6855.93
SRM171	CIRCULAR	0.45	0.16	0.11	0.45	1	148.03
SRM1710	CIRCULAR	0.20	0.03	0.05	0.20	1	40.97
SRM1711	CIRCULAR	0.20	0.03	0.05	0.20	1	91.58
SRM1712	CIRCULAR	0.20	0.03	0.05	0.20	1	76.31
SRM1713	CIRCULAR	0.20	0.03	0.05	0.20	1	76.35
SRM1714	CIRCULAR	0.20	0.03	0.05	0.20	1	57.75
SRM1715	CIRCULAR	0.30	0.07	0.07	0.30	1	100.87
SRM1716	CIRCULAR	0.30	0.07	0.07	0.30	1	145.42
SRM1717	CIRCULAR	0.30	0.07	0.07	0.30	1	133.78
SRM1718	CIRCULAR	0.30	0.07	0.07	0.30	1	49.66
SRM1719	CIRCULAR	0.45	0.16	0.11	0.45	1	222.44
SRM171-S	CG-CG	0.30	3.78	0.25	14.71	1	21312.95
SRM1720	CIRCULAR	0.30	0.07	0.07	0.30	1	131.22
SRM1721	CIRCULAR	0.53	0.22	0.13	0.53	1	617.62
SRM1722	CIRCULAR	0.30	0.07	0.07	0.30	1	203.24
SRM1723	CIRCULAR	0.38	0.11	0.09	0.38	1	116.37
SRM1724	CIRCULAR	0.53	0.22	0.13	0.53	1	520.89
SRM1725	CIRCULAR	0.53	0.22	0.13	0.53	1	964.85
SRM1726	CIRCULAR	0.45	0.16	0.11	0.45	1	590.27
SRM1727	CIRCULAR	0.60	0.28	0.15	0.60	1	565.69
SRM1728	CIRCULAR	0.60	0.28	0.15	0.60	1	604.77
SRM1729	CIRCULAR	0.60	0.28	0.15	0.60	1	591.66
SRM1730	CIRCULAR	0.20	0.03	0.05	0.20	1	19.38
SRM1731	CIRCULAR	0.20	0.03	0.05	0.20	1	21.23
SRM1732	CIRCULAR	0.53	0.22	0.13	0.53	1	612.13

SRM1733	CIRCULAR	0.53	0.22	0.13	0.53	1	447.04
SRM1734	CIRCULAR	0.30	0.07	0.07	0.30	1	158.49
SRM1735	CIRCULAR	0.30	0.07	0.07	0.30	1	160.20
SRM1736	CIRCULAR	0.53	0.22	0.13	0.53	1	441.03
SRM1737	CIRCULAR	0.75	0.44	0.19	0.75	1	1320.23
SRM1738	CIRCULAR	0.75	0.44	0.19	0.75	1	1713.81
SRM1739	CIRCULAR	0.45	0.16	0.11	0.45	1	205.79
SRM1740	CIRCULAR	0.45	0.16	0.11	0.45	1	351.01
SRM1741	CIRCULAR	0.45	0.16	0.11	0.45	1	420.88
SRM1743	CIRCULAR	0.45	0.16	0.11	0.45	1	132.97
SRM1744	CIRCULAR	0.45	0.16	0.11	0.45	1	201.60
SRM176	CIRCULAR	0.38	0.11	0.09	0.38	1	302.79
SRM176-S	CG-CG	0.30	3.78	0.25	14.71	1	13203.38
SRM178	CIRCULAR	0.60	0.28	0.15	0.60	1	968.63
SRM178-S	CG-CG	0.30	3.78	0.25	14.71	1	22595.38
SRM179	CIRCULAR	0.75	0.44	0.19	0.75	1	1299.89
SRM179-S	CG-CG	0.30	3.78	0.25	14.71	1	10975.66
SRM18	CIRCULAR	0.38	0.11	0.09	0.38	1	275.07
SRM180	CIRCULAR	0.60	0.28	0.15	0.60	1	967.70
SRM180-S	CG-CG	0.30	3.78	0.25	14.71	1	20064.66
SRM181	CIRCULAR	0.60	0.28	0.15	0.60	1	901.82
SRM181-S	CG-CG	0.30	3.78	0.25	14.71	1	23633.59
SRM19	CIRCULAR	0.38	0.11	0.09	0.38	1	271.44
SRM195	CIRCULAR	0.45	0.16	0.11	0.45	1	142.39
SRM195-S	CG-CG	0.30	3.78	0.25	14.71	1	10278.45
SRM196	CIRCULAR	0.45	0.16	0.11	0.45	1	140.04
SRM196-S	CG-CG	0.30	3.78	0.25	14.71	1	8353.93
SRM197	CIRCULAR	0.45	0.16	0.11	0.45	1	177.62
SRM197-S	CG-CG	0.30	3.78	0.25	14.71	1	6946.05
SRM198	CIRCULAR	0.45	0.16	0.11	0.45	1	170.97
SRM198-S	CG-CG	0.30	3.78	0.25	14.71	1	3725.21
SRM199	CIRCULAR	0.53	0.22	0.13	0.53	1	252.28
SRM199-S	CG-CG	0.30	3.78	0.25	14.71	1	3433.41
SRM1-S	CG-CG	0.30	3.78	0.25	14.71	1	21078.65
SRM2	CIRCULAR	0.30	0.07	0.07	0.30	1	186.10
SRM20	CIRCULAR	0.60	0.28	0.15	0.60	1	732.45
SRM200	CIRCULAR	0.60	0.28	0.15	0.60	1	406.16
SRM200-S	CG-CG	0.30	3.78	0.25	14.71	1	10352.60
SRM201	CIRCULAR	0.60	0.28	0.15	0.60	1	343.90
SRM201-S	CG-CG	0.30	3.78	0.25	14.71	1	8668.23
SRM202	CIRCULAR	0.68	0.36	0.17	0.68	1	605.85
SRM202-S	CG-CG	0.30	3.78	0.25	14.71	1	8574.53
SRM204	CIRCULAR	0.75	0.44	0.19	0.75	1	478.05
SRM204-S	CG-CG	0.30	3.78	0.25	14.71	1	6571.00
SRM206	CIRCULAR	0.38	0.11	0.09	0.38	1	132.39
SRM206-S	CG-CG	0.30	3.78	0.25	14.71	1	7527.90
SRM208	CIRCULAR	0.90	0.64	0.23	0.90	1	542.32
SRM208-S	CG-CG	0.30	3.78	0.25	14.71	1	3742.97
SRM209	CIRCULAR	0.90	0.64	0.23	0.90	1	711.89
SRM209-S	CG-CG	0.30	3.78	0.25	14.71	1	4198.64
SRM21	CIRCULAR	0.30	0.07	0.07	0.30	1	100.08
SRM214	CIRCULAR	0.60	0.28	0.15	0.60	1	225.29
SRM215	CIRCULAR	1.05	0.87	0.26	1.05	1	1223.23
SRM215-S	CG-CG	0.30	3.78	0.25	14.71	1	20294.07
SRM216	CIRCULAR	0.30	0.07	0.07	0.30	1	45.97
SRM216-S	CG-CG	0.30	3.78	0.25	14.71	1	11033.12
SRM218	CIRCULAR	0.38	0.11	0.09	0.38	1	87.34
SRM218-S	CG-CG	0.30	3.78	0.25	14.71	1	9148.62
SRM219	CIRCULAR	0.90	0.64	0.23	0.90	1	603.00
SRM219-S	CG-CG	0.30	3.78	0.25	14.71	1	5195.76
SRM22	CIRCULAR	0.60	0.28	0.15	0.60	1	730.43
SRM220	CIRCULAR	0.38	0.11	0.09	0.38	1	102.40
SRM220-S	AC-AC	0.15	0.66	0.11	5.95	1	857.70
SRM221	CIRCULAR	0.75	0.44	0.19	0.75	1	555.28
SRM221-S	CG-CG	0.30	3.78	0.25	14.71	1	7677.87
SRM222	CIRCULAR	0.75	0.44	0.19	0.75	1	602.84
SRM222-S	CG-CG	0.30	3.78	0.25	14.71	1	6197.04
SRM223	CIRCULAR	0.38	0.11	0.09	0.38	1	53.56
SRM223-S	CG-CG	0.30	3.78	0.25	14.71	1	11063.93
SRM224	CIRCULAR	0.68	0.36	0.17	0.68	1	481.38
SRM224-S	CG-CG	0.30	3.78	0.25	14.71	1	8870.05
SRM225	CIRCULAR	0.68	0.36	0.17	0.68	1	330.14
SRM225-S	CG-CG	0.30	3.78	0.25	14.71	1	9038.02
SRM227	CIRCULAR	0.38	0.11	0.09	0.38	1	88.76
SRM227-S	CG-CG	0.30	3.78	0.25	14.71	1	9281.15

SRM228	CIRCULAR	0.90	0.64	0.23	0.90	1	831.55
SRM228-S	CG-CG	0.30	3.78	0.25	14.71	1	7426.44
SRM229	CIRCULAR	0.90	0.64	0.23	0.90	1	708.55
SRM229-S	CG-CG	0.30	3.78	0.25	14.71	1	3846.49
SRM23	CIRCULAR	0.75	0.44	0.19	0.75	1	1144.76
SRM230	CIRCULAR	0.90	0.64	0.23	0.90	1	687.64
SRM230-S	CG-CG	0.30	3.78	0.25	14.71	1	7694.01
SRM231	CIRCULAR	0.90	0.64	0.23	0.90	1	721.45
SRM231-S	CG-CG	0.30	3.78	0.25	14.71	1	7665.72
SRM232	CIRCULAR	1.05	0.87	0.26	1.05	1	887.09
SRM232-S	CG-CG	0.30	3.78	0.25	14.71	1	10005.36
SRM233	CIRCULAR	0.53	0.22	0.13	0.53	1	242.12
SRM233-S	CG-CG	0.30	3.78	0.25	14.71	1	2515.40
SRM238	CIRCULAR	0.45	0.16	0.11	0.45	1	108.90
SRM238-S	CG-CG	0.30	3.78	0.25	14.71	1	5867.95
SRM239	CIRCULAR	0.45	0.16	0.11	0.45	1	90.49
SRM239-S	CG-CG	0.30	3.78	0.25	14.71	1	4252.86
SRM24	CIRCULAR	0.30	0.07	0.07	0.30	1	210.15
SRM240	CIRCULAR	0.45	0.16	0.11	0.45	1	129.63
SRM240-S	CG-CG	0.30	3.78	0.25	14.71	1	3630.13
SRM242	CIRCULAR	0.53	0.22	0.13	0.53	1	190.84
SRM242-S	CG-CG	0.30	3.78	0.25	14.71	1	6237.78
SRM243	CIRCULAR	0.53	0.22	0.13	0.53	1	213.18
SRM243-S	CG-CG	0.30	3.78	0.25	14.71	1	6257.61
SRM244	CIRCULAR	0.45	0.16	0.11	0.45	1	447.60
SRM244-S	CG-CG	0.30	3.78	0.25	14.71	1	16749.33
SRM245	CIRCULAR	0.53	0.22	0.13	0.53	1	580.60
SRM245-S	CG-CG	0.30	3.78	0.25	14.71	1	15947.27
SRM246	CIRCULAR	0.82	0.53	0.21	0.82	1	1934.05
SRM246-S	CG-CG	0.30	3.78	0.25	14.71	1	10199.08
SRM247	CIRCULAR	0.82	0.53	0.21	0.82	1	1937.82
SRM247-S	CG-CG	0.30	3.78	0.25	14.71	1	14911.08
SRM248	CIRCULAR	0.82	0.53	0.21	0.82	1	1938.75
SRM248-S	CG-CG	0.30	3.78	0.25	14.71	1	1690.00
SRM249	CIRCULAR	0.90	0.64	0.23	0.90	1	2441.79
SRM249-S	CG-CG	0.30	3.78	0.25	14.71	1	22214.25
SRM25	CIRCULAR	1.05	0.87	0.26	1.05	1	1273.25
SRM250	CIRCULAR	0.60	0.28	0.15	0.60	1	144.47
SRM250-S	CG-CG	0.30	3.78	0.25	14.71	1	9162.44
SRM251	CIRCULAR	0.20	0.03	0.05	0.20	1	34.47
SRM251-S	CG-CG	0.30	3.78	0.25	14.71	1	13214.78
SRM252	CIRCULAR	0.30	0.07	0.07	0.30	1	47.35
SRM253	CIRCULAR	0.38	0.11	0.09	0.38	1	179.35
SRM253-S	CG-CG	0.30	3.78	0.25	14.71	1	11056.61
SRM254	CIRCULAR	0.30	0.07	0.07	0.30	1	166.72
SRM254-S	CG-CG	0.30	3.78	0.25	14.71	1	18596.72
SRM255	CIRCULAR	0.30	0.07	0.07	0.30	1	167.62
SRM255-S	CG-CG	0.30	3.78	0.25	14.71	1	18468.56
SRM256	CIRCULAR	0.45	0.16	0.11	0.45	1	349.91
SRM256-S	CG-CG	0.30	3.78	0.25	14.71	1	14568.86
SRM257	CIRCULAR	0.53	0.22	0.13	0.53	1	299.63
SRM257-S	CG-CG	0.30	3.78	0.25	14.71	1	11110.26
SRM258	CIRCULAR	0.45	0.16	0.11	0.45	1	166.94
SRM258-S	CG-CG	0.30	3.78	0.25	14.71	1	11049.38
SRM259	CIRCULAR	0.20	0.03	0.05	0.20	1	22.43
SRM259-S	CG-CG	0.30	3.78	0.25	14.71	1	10587.06
SRM26	CIRCULAR	0.38	0.11	0.09	0.38	1	282.10
SRM261	CIRCULAR	0.68	0.36	0.17	0.68	1	400.80
SRM261-S	CG-CG	0.30	3.78	0.25	14.71	1	8803.28
SRM262	CIRCULAR	0.68	0.36	0.17	0.68	1	452.05
SRM262-S	CG-CG	0.30	3.78	0.25	14.71	1	7324.63
SRM263	CIRCULAR	0.68	0.36	0.17	0.68	1	417.35
SRM263-S	CG-CG	0.30	3.78	0.25	14.71	1	13433.69
SRM264	CIRCULAR	0.45	0.16	0.11	0.45	1	135.01
SRM264-S	CG-CG	0.30	3.78	0.25	14.71	1	7496.16
SRM266	CIRCULAR	0.45	0.16	0.11	0.45	1	155.79
SRM266-S	CG-CG	0.30	3.78	0.25	14.71	1	8121.66
SRM267	CIRCULAR	0.30	0.07	0.07	0.30	1	62.10
SRM267-S	CG-CG	0.30	3.78	0.25	14.71	1	8423.69
SRM268	CIRCULAR	0.38	0.11	0.09	0.38	1	126.05
SRM268-S	CG-CG	0.30	3.78	0.25	14.71	1	8789.49
SRM269	CIRCULAR	0.30	0.07	0.07	0.30	1	84.66
SRM269-S	CG-CG	0.30	3.78	0.25	14.71	1	11503.73
SRM27	CIRCULAR	1.20	1.13	0.30	1.20	1	2795.45
SRM270	CIRCULAR	0.38	0.11	0.09	0.38	1	123.75

SRM270-S	CG-CG	0.30	3.78	0.25	14.71	1	6638.21
SRM272	CIRCULAR	0.38	0.11	0.09	0.38	1	43.16
SRM272-S	CG-CG	0.30	3.78	0.25	14.71	1	11925.78
SRM273	CIRCULAR	0.30	0.07	0.07	0.30	1	77.28
SRM274	CIRCULAR	0.38	0.11	0.09	0.38	1	78.54
SRM274-S	CG-CG	0.30	3.78	0.25	14.71	1	8314.38
SRM275	CIRCULAR	0.38	0.11	0.09	0.38	1	78.50
SRM275-S	CG-CG	0.30	3.78	0.25	14.71	1	8827.80
SRM276	CIRCULAR	0.38	0.11	0.09	0.38	1	93.29
SRM276-S	AC-AC	0.15	0.66	0.11	5.95	1	366.57
SRM277	CIRCULAR	0.38	0.11	0.09	0.38	1	78.09
SRM277-S	CG-CG	0.30	3.78	0.25	14.71	1	8836.69
SRM28	CIRCULAR	0.75	0.44	0.19	0.75	1	1302.63
SRM280	CIRCULAR	1.05	0.87	0.26	1.05	1	2013.65
SRM280-S	CG-CG	0.30	3.78	0.25	14.71	1	8146.25
SRM281	CIRCULAR	1.05	0.87	0.26	1.05	1	2167.16
SRM281-S	CG-CG	0.30	3.78	0.25	14.71	1	8273.13
SRM283	CIRCULAR	1.05	0.87	0.26	1.05	1	2151.70
SRM283-S	CG-CG	0.30	3.78	0.25	14.71	1	12310.17
SRM284	CIRCULAR	1.05	0.87	0.26	1.05	1	2164.24
SRM284-S	CG-CG	0.30	3.78	0.25	14.71	1	8728.36
SRM287	CIRCULAR	0.20	0.03	0.05	0.20	1	50.27
SRM287-S	CG-CG	0.30	3.78	0.25	14.71	1	16260.22
SRM288	CIRCULAR	1.05	0.87	0.26	1.05	1	3555.57
SRM289	CIRCULAR	0.30	0.07	0.07	0.30	1	183.81
SRM289-S	CG-CG	0.30	3.78	0.25	14.71	1	19456.47
SRM290	CIRCULAR	0.30	0.07	0.07	0.30	1	184.83
SRM290-S	CG-CG	0.30	3.78	0.25	14.71	1	23295.02
SRM291	CIRCULAR	0.30	0.07	0.07	0.30	1	184.67
SRM291-S	CG-CG	0.30	3.78	0.25	14.71	1	22549.37
SRM292	CIRCULAR	0.60	0.28	0.15	0.60	1	432.93
SRM293	CIRCULAR	0.45	0.16	0.11	0.45	1	384.66
SRM293-S	CG-CG	0.30	3.78	0.25	14.71	1	23381.05
SRM298	CIRCULAR	0.25	0.05	0.06	0.25	1	105.52
SRM298-S	CG-CG	0.30	3.78	0.25	14.71	1	9182.38
SRM299	CIRCULAR	0.38	0.11	0.09	0.38	1	80.59
SRM299-S	CG-CG	0.30	3.78	0.25	14.71	1	7674.00
SRM2-S	CG-CG	0.30	3.78	0.25	14.71	1	22000.83
SRM3	CIRCULAR	0.30	0.07	0.07	0.30	1	108.38
SRM30	CIRCULAR	0.75	0.44	0.19	0.75	1	984.78
SRM300	CIRCULAR	0.45	0.16	0.11	0.45	1	123.51
SRM300-S	CG-CG	0.30	3.78	0.25	14.71	1	4607.58
SRM301	CIRCULAR	0.53	0.22	0.13	0.53	1	191.00
SRM301-S	CG-CG	0.30	3.78	0.25	14.71	1	9470.38
SRM303	CIRCULAR	0.45	0.16	0.11	0.45	1	229.96
SRM303-S	CG-CG	0.30	3.78	0.25	14.71	1	12377.22
SRM304	CIRCULAR	0.68	0.36	0.17	0.68	1	248.64
SRM304-S	CG-CG	0.30	3.78	0.25	14.71	1	5000.30
SRM307	CIRCULAR	0.25	0.05	0.06	0.25	1	27.61
SRM307-S	CG-CG	0.30	3.78	0.25	14.71	1	7274.79
SRM308	CIRCULAR	0.45	0.16	0.11	0.45	1	159.84
SRM308-S	CG-CG	0.30	3.78	0.25	14.71	1	7356.56
SRM31	CIRCULAR	1.05	0.87	0.26	1.05	1	5373.79
SRM310	CIRCULAR	0.30	0.07	0.07	0.30	1	49.15
SRM310-S	CG-CG	0.30	3.78	0.25	14.71	1	6288.02
SRM312	CIRCULAR	0.45	0.16	0.11	0.45	1	225.66
SRM312-S	CG-CG	0.30	3.78	0.25	14.71	1	7805.99
SRM313	CIRCULAR	0.25	0.05	0.06	0.25	1	58.92
SRM313-S	CG-CG	0.30	3.78	0.25	14.71	1	10780.01
SRM314	CIRCULAR	0.30	0.07	0.07	0.30	1	53.89
SRM314-S	CG-CG	0.30	3.78	0.25	14.71	1	7237.66
SRM315	CIRCULAR	0.25	0.05	0.06	0.25	1	47.85
SRM315-S	CG-CG	0.30	3.78	0.25	14.71	1	7360.00
SRM316	CIRCULAR	0.53	0.22	0.13	0.53	1	525.68
SRM316-S	CG-CG	0.30	3.78	0.25	14.71	1	13082.61
SRM317	CIRCULAR	0.90	0.64	0.23	0.90	1	1596.09
SRM318	CIRCULAR	0.53	0.22	0.13	0.53	1	480.03
SRM318-S	CG-CG	0.30	3.78	0.25	14.71	1	8845.39
SRM319	CIRCULAR	0.30	0.07	0.07	0.30	1	142.11
SRM32	CIRCULAR	0.60	0.28	0.15	0.60	1	1307.11
SRM320	CIRCULAR	0.30	0.07	0.07	0.30	1	146.88
SRM321	CIRCULAR	0.45	0.16	0.11	0.45	1	237.17
SRM321-S	CG-CG	0.30	3.78	0.25	14.71	1	10746.76
SRM322	CIRCULAR	0.38	0.11	0.09	0.38	1	123.57
SRM322-S	CG-CG	0.30	3.78	0.25	14.71	1	9479.14

SRM323	CIRCULAR	0.38	0.11	0.09	0.38	1	98.58
SRM323-S	CG-CG	0.30	3.78	0.25	14.71	1	12826.23
SRM325	CIRCULAR	0.30	0.07	0.07	0.30	1	194.93
SRM325-S	CG-CG	0.30	3.78	0.25	14.71	1	20657.34
SRM326	CIRCULAR	0.30	0.07	0.07	0.30	1	187.97
SRM326-S	CG-CG	0.30	3.78	0.25	14.71	1	20313.78
SRM327	CIRCULAR	0.30	0.07	0.07	0.30	1	154.04
SRM327-S	CG-CG	0.30	3.78	0.25	14.71	1	23736.86
SRM328	CIRCULAR	0.30	0.07	0.07	0.30	1	69.10
SRM328-S	CG-CG	0.30	3.78	0.25	14.71	1	10309.25
SRM329	CIRCULAR	0.30	0.07	0.07	0.30	1	198.59
SRM329-S	CG-CG	0.30	3.78	0.25	14.71	1	23418.47
SRM33	CIRCULAR	0.53	0.22	0.13	0.53	1	801.60
SRM332	CIRCULAR	0.30	0.07	0.07	0.30	1	97.29
SRM332-S	CG-CG	0.30	3.78	0.25	14.71	1	7962.36
SRM334	CIRCULAR	0.30	0.07	0.07	0.30	1	74.75
SRM335	CIRCULAR	0.45	0.16	0.11	0.45	1	414.49
SRM335-S	CG-CG	0.30	3.78	0.25	14.71	1	19887.12
SRM336	CIRCULAR	0.53	0.22	0.13	0.53	1	514.59
SRM336-S	CG-CG	0.30	3.78	0.25	14.71	1	9465.77
SRM337	CIRCULAR	0.68	0.36	0.17	0.68	1	948.86
SRM337-S	CG-CG	0.30	3.78	0.25	14.71	1	13331.05
SRM338	CIRCULAR	0.60	0.28	0.15	0.60	1	386.51
SRM338-S	CG-CG	0.30	3.78	0.25	14.71	1	8628.99
SRM339	CIRCULAR	0.60	0.28	0.15	0.60	1	396.12
SRM339-S	CG-CG	0.30	3.78	0.25	14.71	1	9257.38
SRM341	CIRCULAR	0.38	0.11	0.09	0.38	1	146.89
SRM341-S	CG-CG	0.30	3.78	0.25	14.71	1	8390.61
SRM342	CIRCULAR	0.38	0.11	0.09	0.38	1	123.40
SRM342-S	CG-CG	0.30	3.78	0.25	14.71	1	9863.15
SRM343	CIRCULAR	0.30	0.07	0.07	0.30	1	138.18
SRM343-S	CG-CG	0.30	3.78	0.25	14.71	1	16405.45
SRM345	CIRCULAR	0.15	0.02	0.04	0.15	1	16.89
SRM345-S	CG-CG	0.30	3.78	0.25	14.71	1	10611.92
SRM346	CIRCULAR	0.68	0.36	0.17	0.68	1	985.87
SRM346-S	CG-CG	0.30	3.78	0.25	14.71	1	13085.38
SRM347	CIRCULAR	0.68	0.36	0.17	0.68	1	982.41
SRM347-S	CG-CG	0.30	3.78	0.25	14.71	1	14317.39
SRM349	CIRCULAR	0.60	0.28	0.15	0.60	1	503.84
SRM350	CIRCULAR	0.30	0.07	0.07	0.30	1	61.09
SRM351	CIRCULAR	0.68	0.36	0.17	0.68	1	1732.59
SRM351-S	CG-CG	0.30	3.78	0.25	14.71	1	23188.28
SRM352	CIRCULAR	0.68	0.36	0.17	0.68	1	1987.46
SRM352-S	CG-CG	0.30	3.78	0.25	14.71	1	26893.44
SRM353	CIRCULAR	0.68	0.36	0.17	0.68	1	1267.07
SRM353-S	CG-CG	0.30	3.78	0.25	14.71	1	22092.42
SRM354	CIRCULAR	0.68	0.36	0.17	0.68	1	1120.56
SRM354-S	CG-CG	0.30	3.78	0.25	14.71	1	16192.89
SRM355	CIRCULAR	1.20	1.13	0.30	1.20	1	2419.13
SRM355-S	CG-CG	0.30	3.78	0.25	14.71	1	8109.88
SRM356	CIRCULAR	0.68	0.36	0.17	0.68	1	604.37
SRM356-S	CG-CG	0.30	3.78	0.25	14.71	1	7851.42
SRM363	CIRCULAR	0.38	0.11	0.09	0.38	1	298.98
SRM363-S	CG-CG	0.30	3.78	0.25	14.71	1	9476.69
SRM364	CIRCULAR	0.38	0.11	0.09	0.38	1	115.04
SRM364-S	CG-CG	0.30	3.78	0.25	14.71	1	9051.06
SRM366	CIRCULAR	0.68	0.36	0.17	0.68	1	1135.57
SRM366-S	CG-CG	0.30	3.78	0.25	14.71	1	14752.14
SRM368	CIRCULAR	0.45	0.16	0.11	0.45	1	383.60
SRM368-S	CG-CG	0.30	3.78	0.25	14.71	1	18224.30
SRM369	CIRCULAR	0.45	0.16	0.11	0.45	1	384.44
SRM369-S	CG-CG	0.30	3.78	0.25	14.71	1	21069.99
SRM371	CIRCULAR	0.60	0.28	0.15	0.60	1	826.82
SRM371-S	CG-CG	0.30	3.78	0.25	14.71	1	24934.27
SRM372	CIRCULAR	0.68	0.36	0.17	0.68	1	1133.18
SRM372-S	CG-CG	0.30	3.78	0.25	14.71	1	24544.01
SRM374	CIRCULAR	0.30	0.07	0.07	0.30	1	96.01
SRM374-S	CG-CG	0.30	3.78	0.25	14.71	1	10045.07
SRM376	CIRCULAR	0.30	0.07	0.07	0.30	1	103.65
SRM376-S	CG-CG	0.30	3.78	0.25	14.71	1	12224.87
SRM377	CIRCULAR	0.45	0.16	0.11	0.45	1	166.81
SRM377-S	CG-CG	0.30	3.78	0.25	14.71	1	15028.29
SRM378	CIRCULAR	0.45	0.16	0.11	0.45	1	174.29
SRM378-S	CG-CG	0.30	3.78	0.25	14.71	1	13408.98
SRM379	CIRCULAR	0.45	0.16	0.11	0.45	1	83.11

SRM379-S	CG-CG	0.30	3.78	0.25	14.71	1	6393.59
SRM381	CIRCULAR	0.45	0.16	0.11	0.45	1	305.50
SRM381-S	CG-CG	0.30	3.78	0.25	14.71	1	12221.45
SRM382	CIRCULAR	0.30	0.07	0.07	0.30	1	18.36
SRM382-S	CG-CG	0.30	3.78	0.25	14.71	1	4164.31
SRM383	CIRCULAR	0.30	0.07	0.07	0.30	1	58.51
SRM383-S	CG-CG	0.30	3.78	0.25	14.71	1	13272.60
SRM387	CIRCULAR	0.30	0.07	0.07	0.30	1	89.32
SRM387-S	CG-CG	0.30	3.78	0.25	14.71	1	7343.82
SRM388	CIRCULAR	0.30	0.07	0.07	0.30	1	43.31
SRM388-S	CG-CG	0.30	3.78	0.25	14.71	1	10434.91
SRM390	CIRCULAR	0.75	0.44	0.19	0.75	1	560.57
SRM390-S	CG-CG	0.30	3.78	0.25	14.71	1	13795.26
SRM391	CIRCULAR	0.75	0.44	0.19	0.75	1	541.57
SRM391-S	CG-CG	0.30	3.78	0.25	14.71	1	10772.40
SRM393	CIRCULAR	0.30	0.07	0.07	0.30	1	66.72
SRM393-S	CG-CG	0.30	3.78	0.25	14.71	1	7869.73
SRM394	CIRCULAR	0.30	0.07	0.07	0.30	1	457.11
SRM394-S	CG-CG	0.30	3.78	0.25	14.71	1	5291.75
SRM395	CIRCULAR	0.90	0.64	0.23	0.90	1	1742.54
SRM395-S	CG-CG	0.30	3.78	0.25	14.71	1	8964.04
SRM396	CIRCULAR	0.90	0.64	0.23	0.90	1	1748.50
SRM396-S	CG-CG	0.30	3.78	0.25	14.71	1	6252.81
SRM3-S	CG-CG	0.30	3.78	0.25	14.71	1	17246.84
SRM4	CIRCULAR	0.30	0.07	0.07	0.30	1	92.88
SRM400	CIRCULAR	0.30	0.07	0.07	0.30	1	50.37
SRM400-S	CG-CG	0.30	3.78	0.25	14.71	1	20513.33
SRM402	CIRCULAR	0.30	0.07	0.07	0.30	1	18.32
SRM403	CIRCULAR	0.75	0.44	0.19	0.75	1	289.98
SRM405	CIRCULAR	0.30	0.07	0.07	0.30	1	29.45
SRM406	CIRCULAR	0.30	0.07	0.07	0.30	1	2.42
SRM408	CIRCULAR	0.30	0.07	0.07	0.30	1	28.10
SRM410	CIRCULAR	0.30	0.07	0.07	0.30	1	27.81
SRM411	CIRCULAR	0.30	0.07	0.07	0.30	1	27.77
SRM411-S	CG-CG	0.30	3.78	0.25	14.71	1	6712.12
SRM414	CIRCULAR	0.60	0.28	0.15	0.60	1	176.48
SRM415	CIRCULAR	0.60	0.28	0.15	0.60	1	220.54
SRM420	CIRCULAR	0.40	0.13	0.10	0.40	1	49.63
SRM420-S	CG-CG	0.30	3.78	0.25	14.71	1	3377.36
SRM422	CIRCULAR	0.30	0.07	0.07	0.30	1	145.35
SRM422-S	CG-CG	0.30	3.78	0.25	14.71	1	18969.14
SRM424	CIRCULAR	0.38	0.11	0.09	0.38	1	273.97
SRM426	CIRCULAR	0.75	0.44	0.19	0.75	1	1093.99
SRM426-S	CG-CG	0.30	3.78	0.25	14.71	1	15286.79
SRM427	CIRCULAR	0.75	0.44	0.19	0.75	1	1355.47
SRM427-S	CG-CG	0.30	3.78	0.25	14.71	1	16000.40
SRM428	CIRCULAR	0.60	0.28	0.15	0.60	1	395.62
SRM428-S	CG-CG	0.30	3.78	0.25	14.71	1	15363.16
SRM429	CIRCULAR	0.30	0.07	0.07	0.30	1	98.16
SRM429-S	CG-CG	0.30	3.78	0.25	14.71	1	13136.30
SRM430	CIRCULAR	0.75	0.44	0.19	0.75	1	649.85
SRM430-S	CG-CG	0.30	3.78	0.25	14.71	1	16350.03
SRM431	CIRCULAR	0.30	0.07	0.07	0.30	1	212.04
SRM431-S	CG-CG	0.30	3.78	0.25	14.71	1	24131.98
SRM432	CIRCULAR	0.75	0.44	0.19	0.75	1	731.81
SRM432-S	CG-CG	0.30	3.78	0.25	14.71	1	10165.30
SRM433	CIRCULAR	0.75	0.44	0.19	0.75	1	707.68
SRM433-S	CG-CG	0.30	3.78	0.25	14.71	1	16058.03
SRM434	CIRCULAR	0.38	0.11	0.09	0.38	1	241.26
SRM434-S	CG-CG	0.30	3.78	0.25	14.71	1	17497.58
SRM435	CIRCULAR	0.45	0.16	0.11	0.45	1	614.92
SRM435-S	CG-CG	0.30	3.78	0.25	14.71	1	23399.86
SRM436	CIRCULAR	0.38	0.11	0.09	0.38	1	221.34
SRM437	CIRCULAR	0.45	0.16	0.11	0.45	1	263.19
SRM438	CIRCULAR	0.53	0.22	0.13	0.53	1	558.05
SRM438-S	CG-CG	0.30	3.78	0.25	14.71	1	14937.44
SRM439	CIRCULAR	0.60	0.28	0.15	0.60	1	636.41
SRM439-S	CG-CG	0.30	3.78	0.25	14.71	1	9116.99
SRM440	CIRCULAR	0.75	0.44	0.19	0.75	1	587.72
SRM440-S	CG-CG	0.30	3.78	0.25	14.71	1	6939.19
SRM441	CIRCULAR	0.30	0.07	0.07	0.30	1	130.57
SRM441-S	CG-CG	0.30	3.78	0.25	14.71	1	16056.60
SRM442	CIRCULAR	0.45	0.16	0.11	0.45	1	203.39
SRM442-S	CG-CG	0.30	3.78	0.25	14.71	1	9684.78
SRM445	CIRCULAR	0.45	0.16	0.11	0.45	1	176.19

SRM445-S	CG-CG	0.30	3.78	0.25	14.71	1	7351.01
SRM448	CIRCULAR	0.60	0.28	0.15	0.60	1	1036.88
SRM448-S	CG-CG	0.30	3.78	0.25	14.71	1	18791.72
SRM449	CIRCULAR	0.60	0.28	0.15	0.60	1	515.88
SRM449-S	CG-CG	0.30	3.78	0.25	14.71	1	4742.24
SRM450	CIRCULAR	0.53	0.22	0.13	0.53	1	372.73
SRM450-S	CG-CG	0.30	3.78	0.25	14.71	1	1987.67
SRM451	CIRCULAR	0.60	0.28	0.15	0.60	1	422.52
SRM451-S	CG-CG	0.30	3.78	0.25	14.71	1	13267.28
SRM452	CIRCULAR	0.30	0.07	0.07	0.30	1	70.00
SRM452-S	CG-CG	0.30	3.78	0.25	14.71	1	4102.75
SRM453	CIRCULAR	0.60	0.28	0.15	0.60	1	256.36
SRM453-S	CG-CG	0.30	3.78	0.25	14.71	1	1977.32
SRM454	CIRCULAR	0.30	0.07	0.07	0.30	1	63.59
SRM454-S	AC-AC	0.15	0.66	0.11	5.95	1	235.90
SRM455	CIRCULAR	0.38	0.11	0.09	0.38	1	104.82
SRM455-S	CG-CG	0.30	3.78	0.25	14.71	1	8841.71
SRM456	CIRCULAR	0.38	0.11	0.09	0.38	1	96.25
SRM456-S	AC-AC	0.15	0.66	0.11	5.95	1	352.74
SRM457	CIRCULAR	0.30	0.07	0.07	0.30	1	58.46
SRM458	CIRCULAR	0.38	0.11	0.09	0.38	1	92.29
SRM459	CIRCULAR	0.53	0.22	0.13	0.53	1	419.29
SRM459-S	CG-CG	0.30	3.78	0.25	14.71	1	10240.78
SRM46	CIRCULAR	0.45	0.16	0.11	0.45	1	159.12
SRM460	CIRCULAR	0.53	0.22	0.13	0.53	1	398.47
SRM460-S	CG-CG	0.30	3.78	0.25	14.71	1	9039.73
SRM461	CIRCULAR	0.30	0.07	0.07	0.30	1	47.29
SRM461-S	CG-CG	0.30	3.78	0.25	14.71	1	9504.38
SRM462	CIRCULAR	0.68	0.36	0.17	0.68	1	513.56
SRM462-S	CG-CG	0.30	3.78	0.25	14.71	1	8328.87
SRM463	CIRCULAR	0.38	0.11	0.09	0.38	1	120.97
SRM463-S	CG-CG	0.30	3.78	0.25	14.71	1	8730.67
SRM464	CIRCULAR	0.68	0.36	0.17	0.68	1	616.78
SRM464-S	CG-CG	0.30	3.78	0.25	14.71	1	8266.28
SRM465	CIRCULAR	0.68	0.36	0.17	0.68	1	516.00
SRM465-S	CG-CG	0.30	3.78	0.25	14.71	1	8499.56
SRM466	CIRCULAR	0.68	0.36	0.17	0.68	1	578.57
SRM466-S	CG-CG	0.30	3.78	0.25	14.71	1	10507.32
SRM467	CIRCULAR	0.20	0.03	0.05	0.20	1	25.22
SRM467-S	CG-CG	0.30	3.78	0.25	14.71	1	11336.76
SRM468	CIRCULAR	0.30	0.07	0.07	0.30	1	47.44
SRM469	CIRCULAR	0.53	0.22	0.13	0.53	1	452.31
SRM469-S	CG-CG	0.30	3.78	0.25	14.71	1	8332.98
SRM47	CIRCULAR	0.38	0.11	0.09	0.38	1	96.67
SRM470	CIRCULAR	0.53	0.22	0.13	0.53	1	471.13
SRM470-S	CG-CG	0.30	3.78	0.25	14.71	1	9365.14
SRM471	CIRCULAR	0.20	0.03	0.05	0.20	1	23.22
SRM471-S	CG-CG	0.30	3.78	0.25	14.71	1	10010.77
SRM472	CIRCULAR	0.30	0.07	0.07	0.30	1	47.39
SRM473	CIRCULAR	0.75	0.44	0.19	0.75	1	855.85
SRM473-S	CG-CG	0.30	3.78	0.25	14.71	1	2064.79
SRM474	CIRCULAR	0.53	0.22	0.13	0.53	1	369.10
SRM474-S	CG-CG	0.30	3.78	0.25	14.71	1	8849.13
SRM475	CIRCULAR	0.75	0.44	0.19	0.75	1	806.80
SRM475-S	CG-CG	0.30	3.78	0.25	14.71	1	8561.42
SRM476	CIRCULAR	0.20	0.03	0.05	0.20	1	23.28
SRM476-S	CG-CG	0.30	3.78	0.25	14.71	1	8676.97
SRM477	CIRCULAR	0.30	0.07	0.07	0.30	1	66.11
SRM477-S	CG-CG	0.30	3.78	0.25	14.71	1	9543.67
SRM478	CIRCULAR	0.90	0.64	0.23	0.90	1	995.18
SRM478-S	CG-CG	0.30	3.78	0.25	14.71	1	8196.44
SRM479	CIRCULAR	0.75	0.44	0.19	0.75	1	384.90
SRM479-S	CG-CG	0.30	3.78	0.25	14.71	1	13064.61
SRM48	CIRCULAR	0.38	0.11	0.09	0.38	1	151.33
SRM480	CIRCULAR	0.30	0.07	0.07	0.30	1	54.55
SRM480-S	CG-CG	0.30	3.78	0.25	14.71	1	5417.66
SRM481	CIRCULAR	0.90	0.64	0.23	0.90	1	988.80
SRM481-S	CG-CG	0.30	3.78	0.25	14.71	1	6250.77
SRM482	CIRCULAR	0.20	0.03	0.05	0.20	1	23.22
SRM482-S	CG-CG	0.30	3.78	0.25	14.71	1	10660.21
SRM483	CIRCULAR	0.53	0.22	0.13	0.53	1	483.35
SRM483-S	CG-CG	0.30	3.78	0.25	14.71	1	16297.65
SRM484	CIRCULAR	0.30	0.07	0.07	0.30	1	71.27
SRM484-S	CG-CG	0.30	3.78	0.25	14.71	1	10573.46
SRM485	CIRCULAR	0.30	0.07	0.07	0.30	1	73.04

SRM485-S	CG-CG	0.30	3.78	0.25	14.71	1	10362.34
SRM486	CIRCULAR	0.20	0.03	0.05	0.20	1	46.36
SRM486-S	CG-CG	0.30	3.78	0.25	14.71	1	15450.51
SRM487	CIRCULAR	0.30	0.07	0.07	0.30	1	76.81
SRM487-S	CG-CG	0.30	3.78	0.25	14.71	1	10697.40
SRM488	CIRCULAR	0.38	0.11	0.09	0.38	1	102.18
SRM488-S	CG-CG	0.30	3.78	0.25	14.71	1	8534.46
SRM489	CIRCULAR	0.20	0.03	0.05	0.20	1	23.26
SRM489-S	CG-CG	0.30	3.78	0.25	14.71	1	12095.00
SRM49	CIRCULAR	0.53	0.22	0.13	0.53	1	213.90
SRM490	CIRCULAR	0.30	0.07	0.07	0.30	1	71.11
SRM490-S	CG-CG	0.30	3.78	0.25	14.71	1	8788.99
SRM491	CIRCULAR	0.45	0.16	0.11	0.45	1	133.52
SRM491-S	CG-CG	0.30	3.78	0.25	14.71	1	4231.56
SRM492	CIRCULAR	0.45	0.16	0.11	0.45	1	134.02
SRM492-S	CG-CG	0.30	3.78	0.25	14.71	1	9527.56
SRM493	CIRCULAR	0.45	0.16	0.11	0.45	1	145.83
SRM493-S	CG-CG	0.30	3.78	0.25	14.71	1	8036.85
SRM494	CIRCULAR	0.45	0.16	0.11	0.45	1	170.23
SRM494-S	CG-CG	0.30	3.78	0.25	14.71	1	7613.88
SRM495	CIRCULAR	0.53	0.22	0.13	0.53	1	358.89
SRM495-S	CG-CG	0.30	3.78	0.25	14.71	1	10606.17
SRM496	CIRCULAR	0.53	0.22	0.13	0.53	1	456.46
SRM496-S	CG-CG	0.30	3.78	0.25	14.71	1	11036.96
SRM497	CIRCULAR	0.53	0.22	0.13	0.53	1	314.07
SRM497-S	CG-CG	0.30	3.78	0.25	14.71	1	11361.36
SRM498	CIRCULAR	0.30	0.07	0.07	0.30	1	47.69
SRM498-S	CG-CG	0.30	3.78	0.25	14.71	1	7374.39
SRM499	CIRCULAR	0.20	0.03	0.05	0.20	1	23.17
SRM499-S	CG-CG	0.30	3.78	0.25	14.71	1	11067.55
SRM4-S	CG-CG	0.30	3.78	0.25	14.71	1	16697.00
SRM5	CIRCULAR	0.30	0.07	0.07	0.30	1	49.38
SRM50	CIRCULAR	0.38	0.11	0.09	0.38	1	118.76
SRM500	CIRCULAR	0.20	0.03	0.05	0.20	1	44.31
SRM500-S	CG-CG	0.30	3.78	0.25	14.71	1	15010.73
SRM501	CIRCULAR	0.30	0.07	0.07	0.30	1	45.08
SRM501-S	CG-CG	0.30	3.78	0.25	14.71	1	5099.66
SRM502	CIRCULAR	0.30	0.07	0.07	0.30	1	137.94
SRM502-S	CG-CG	0.30	3.78	0.25	14.71	1	19111.27
SRM503	CIRCULAR	0.20	0.03	0.05	0.20	1	21.85
SRM503-S	CG-CG	0.30	3.78	0.25	14.71	1	10172.75
SRM504	CIRCULAR	0.38	0.11	0.09	0.38	1	269.32
SRM504-S	CG-CG	0.30	3.78	0.25	14.71	1	17417.65
SRM505	CIRCULAR	0.30	0.07	0.07	0.30	1	30.60
SRM505-S	CG-CG	0.30	3.78	0.25	14.71	1	11007.97
SRM506	CIRCULAR	0.20	0.03	0.05	0.20	1	24.51
SRM506-S	CG-CG	0.30	3.78	0.25	14.71	1	12449.80
SRM507	CIRCULAR	0.30	0.07	0.07	0.30	1	103.33
SRM507-S	CG-CG	0.30	3.78	0.25	14.71	1	11882.06
SRM509	CIRCULAR	0.68	0.36	0.17	0.68	1	443.59
SRM509-S	CG-CG	0.30	3.78	0.25	14.71	1	8381.12
SRM51	CIRCULAR	0.30	0.07	0.07	0.30	1	79.65
SRM510	CIRCULAR	0.30	0.07	0.07	0.30	1	154.02
SRM510-S	CG-CG	0.30	3.78	0.25	14.71	1	17683.63
SRM511	CIRCULAR	0.20	0.03	0.05	0.20	1	46.82
SRM511-S	CG-CG	0.30	3.78	0.25	14.71	1	16786.33
SRM512	CIRCULAR	0.20	0.03	0.05	0.20	1	24.21
SRM512-S	CG-CG	0.30	3.78	0.25	14.71	1	11445.37
SRM513	CIRCULAR	0.30	0.07	0.07	0.30	1	205.77
SRM513-S	CG-CG	0.30	3.78	0.25	14.71	1	24347.19
SRM514	CIRCULAR	0.30	0.07	0.07	0.30	1	98.15
SRM514-S	CG-CG	0.30	3.78	0.25	14.71	1	19384.52
SRM515	CIRCULAR	0.30	0.07	0.07	0.30	1	162.37
SRM515-S	CG-CG	0.30	3.78	0.25	14.71	1	19959.58
SRM516	CIRCULAR	0.45	0.16	0.11	0.45	1	158.41
SRM516-S	CG-CG	0.30	3.78	0.25	14.71	1	11536.22
SRM517	CIRCULAR	0.38	0.11	0.09	0.38	1	270.85
SRM517-S	CG-CG	0.30	3.78	0.25	14.71	1	15327.75
SRM518	CIRCULAR	0.45	0.16	0.11	0.45	1	392.60
SRM518-S	CG-CG	0.30	3.78	0.25	14.71	1	10873.28
SRM519	CIRCULAR	0.38	0.11	0.09	0.38	1	132.01
SRM519-S	CG-CG	0.30	3.78	0.25	14.71	1	4992.17
SRM51-S	CG-CG	0.30	3.78	0.25	14.71	1	10129.22
SRM52	CIRCULAR	0.38	0.11	0.09	0.38	1	96.57
SRM520	CIRCULAR	0.45	0.16	0.11	0.45	1	135.02

SRM520-S	CG-CG	0.30	3.78	0.25	14.71	1	7295.59
SRM521	CIRCULAR	0.30	0.07	0.07	0.30	1	162.11
SRM522	CIRCULAR	0.45	0.16	0.11	0.45	1	371.62
SRM523	CIRCULAR	0.30	0.07	0.07	0.30	1	168.69
SRM523-S	CG-CG	0.30	3.78	0.25	14.71	1	18966.68
SRM524	CIRCULAR	0.90	0.64	0.23	0.90	1	1068.91
SRM524-S	CG-CG	0.30	3.78	0.25	14.71	1	14198.58
SRM525_2	CIRCULAR	1.05	0.87	0.26	1.05	1	1202.57
SRM526	CIRCULAR	1.05	0.87	0.26	1.05	1	863.05
SRM527	CIRCULAR	1.05	0.87	0.26	1.05	1	863.54
SRM527-S	CG-CG	0.30	3.78	0.25	14.71	1	5587.71
SRM528	CIRCULAR	1.05	0.87	0.26	1.05	1	864.93
SRM528-S	CG-CG	0.30	3.78	0.25	14.71	1	6172.99
SRM529	CIRCULAR	1.05	0.87	0.26	1.05	1	879.69
SRM529-S	CG-CG	0.30	3.78	0.25	14.71	1	358.60
SRM53	CIRCULAR	0.30	0.07	0.07	0.30	1	38.11
SRM530	CIRCULAR	1.05	0.87	0.26	1.05	1	1551.52
SRM530-S	CG-CG	0.30	3.78	0.25	14.71	1	13973.00
SRM532	CIRCULAR	0.30	0.07	0.07	0.30	1	56.87
SRM533	CIRCULAR	1.05	0.87	0.26	1.05	1	1365.38
SRM535	CIRCULAR	0.38	0.11	0.09	0.38	1	169.99
SRM535-S	CG-CG	0.30	3.78	0.25	14.71	1	10448.95
SRM536	CIRCULAR	0.38	0.11	0.09	0.38	1	281.58
SRM537	CIRCULAR	0.30	0.07	0.07	0.30	1	87.43
SRM538	CIRCULAR	0.68	0.36	0.17	0.68	1	1146.56
SRM54	CIRCULAR	0.38	0.11	0.09	0.38	1	87.01
SRM540	CIRCULAR	0.38	0.11	0.09	0.38	1	87.61
SRM541	CIRCULAR	0.38	0.11	0.09	0.38	1	87.72
SRM542	CIRCULAR	0.45	0.16	0.11	0.45	1	127.70
SRM542-S	CG-CG	0.30	3.78	0.25	14.71	1	2315.69
SRM544	CIRCULAR	0.30	0.07	0.07	0.30	1	66.29
SRM548	CIRCULAR	0.53	0.22	0.13	0.53	1	299.80
SRM548-S	CG-CG	0.30	3.78	0.25	14.71	1	2008.79
SRM549	CIRCULAR	0.45	0.16	0.11	0.45	1	199.73
SRM549-S	CG-CG	0.30	3.78	0.25	14.71	1	6882.55
SRM54-S	AC-AC	0.15	0.66	0.11	5.95	1	599.59
SRM55	CIRCULAR	1.05	0.87	0.26	1.05	1	2175.62
SRM550	CIRCULAR	0.30	0.07	0.07	0.30	1	88.84
SRM551	CIRCULAR	0.30	0.07	0.07	0.30	1	125.00
SRM552	CIRCULAR	0.30	0.07	0.07	0.30	1	64.24
SRM553	CIRCULAR	0.38	0.11	0.09	0.38	1	124.89
SRM555	CIRCULAR	0.30	0.07	0.07	0.30	1	60.70
SRM556	CIRCULAR	0.20	0.03	0.05	0.20	1	23.13
SRM556-S	CG-CG	0.30	3.78	0.25	14.71	1	13155.22
SRM557	CIRCULAR	0.53	0.22	0.13	0.53	1	425.97
SRM557-S	CG-CG	0.30	3.78	0.25	14.71	1	9341.49
SRM55-S	CG-CG	0.30	3.78	0.25	14.71	1	6320.49
SRM561	CIRCULAR	0.30	0.07	0.07	0.30	1	4.90
SRM562	CIRCULAR	0.30	0.07	0.07	0.30	1	47.17
SRM562-S	CG-CG	0.30	3.78	0.25	14.71	1	17594.95
SRM563	CIRCULAR	0.20	0.03	0.05	0.20	1	23.12
SRM563-S	CG-CG	0.30	3.78	0.25	14.71	1	11682.22
SRM565	CIRCULAR	0.30	0.07	0.07	0.30	1	143.53
SRM565-S	CG-CG	0.30	3.78	0.25	14.71	1	6012.77
SRM566	CIRCULAR	1.05	0.87	0.26	1.05	1	3606.26
SRM567	CIRCULAR	0.45	0.16	0.11	0.45	1	134.90
SRM567-S	CG-CG	0.30	3.78	0.25	14.71	1	3115.84
SRM568	CIRCULAR	0.45	0.16	0.11	0.45	1	118.91
SRM568-S	CG-CG	0.30	3.78	0.25	14.71	1	9895.97
SRM569	CIRCULAR	0.50	0.20	0.12	0.50	1	144.94
SRM569-S	CG-CG	0.30	3.78	0.25	14.71	1	1475.86
SRM57	CIRCULAR	0.38	0.11	0.09	0.38	1	110.91
SRM573	CIRCULAR	0.75	0.44	0.19	0.75	1	647.32
SRM573-S	CG-CG	0.30	3.78	0.25	14.71	1	11752.04
SRM574	CIRCULAR	0.75	0.44	0.19	0.75	1	342.61
SRM574-S	CG-CG	0.30	3.78	0.25	14.71	1	3365.92
SRM575	CIRCULAR	0.75	0.44	0.19	0.75	1	321.18
SRM575-S	CG-CG	0.30	3.78	0.25	14.71	1	4147.77
SRM578	CIRCULAR	0.75	0.44	0.19	0.75	1	510.44
SRM578-S	CG-CG	0.30	3.78	0.25	14.71	1	6632.91
SRM579	CIRCULAR	0.75	0.44	0.19	0.75	1	433.43
SRM579-S	CG-CG	0.30	3.78	0.25	14.71	1	4231.79
SRM57-S	CG-CG	0.30	3.78	0.25	14.71	1	10867.41
SRM58	CIRCULAR	0.60	0.28	0.15	0.60	1	515.53
SRM580	CIRCULAR	0.75	0.44	0.19	0.75	1	367.80

SRM580-S	CG-CG	0.30	3.78	0.25	14.71	1	6132.06
SRM581	CIRCULAR	0.75	0.44	0.19	0.75	1	481.48
SRM581-S	CG-CG	0.30	3.78	0.25	14.71	1	5720.49
SRM582	CIRCULAR	0.75	0.44	0.19	0.75	1	480.65
SRM582-S	CG-CG	0.30	3.78	0.25	14.71	1	4819.58
SRM584	CIRCULAR	0.75	0.44	0.19	0.75	1	375.71
SRM584-S	CG-CG	0.30	3.78	0.25	14.71	1	7215.91
SRM585	CIRCULAR	0.75	0.44	0.19	0.75	1	255.55
SRM585-S	CG-CG	0.30	3.78	0.25	14.71	1	3999.36
SRM586	CIRCULAR	0.75	0.44	0.19	0.75	1	545.78
SRM586-S	CG-CG	0.30	3.78	0.25	14.71	1	3418.40
SRM587	CIRCULAR	0.75	0.44	0.19	0.75	1	464.55
SRM587-S	CG-CG	0.30	3.78	0.25	14.71	1	2060.88
SRM588	CIRCULAR	0.60	0.28	0.15	0.60	1	4724.55
SRM589	CIRCULAR	0.75	0.44	0.19	0.75	1	194.62
SRM589-S	CG-CG	0.30	3.78	0.25	14.71	1	3453.64
SRM58-S	CG-CG	0.30	3.78	0.25	14.71	1	10573.78
SRM59	CIRCULAR	0.45	0.16	0.11	0.45	1	270.56
SRM590	CIRCULAR	0.75	0.44	0.19	0.75	1	468.59
SRM590-S	CG-CG	0.30	3.78	0.25	14.71	1	3059.91
SRM591	CIRCULAR	0.75	0.44	0.19	0.75	1	323.55
SRM591-S	CG-CG	0.30	3.78	0.25	14.71	1	2203.43
SRM592	CIRCULAR	0.75	0.44	0.19	0.75	1	384.62
SRM592-S	CG-CG	0.30	3.78	0.25	14.71	1	4787.63
SRM593	CIRCULAR	0.30	0.07	0.07	0.30	1	816.33
SRM593-S	CG-CG	0.30	3.78	0.25	14.71	1	16784.57
SRM594	CIRCULAR	0.60	0.28	0.15	0.60	1	223.31
SRM595	CIRCULAR	0.30	0.07	0.07	0.30	1	48.22
SRM596	CIRCULAR	0.30	0.07	0.07	0.30	1	103.50
SRM596-S	CG-CG	0.30	3.78	0.25	14.71	1	1423.46
SRM597	CIRCULAR	0.75	0.44	0.19	0.75	1	321.94
SRM597-S	CG-CG	0.30	3.78	0.25	14.71	1	6925.91
SRM598	CIRCULAR	0.75	0.44	0.19	0.75	1	355.52
SRM598-S	CG-CG	0.30	3.78	0.25	14.71	1	7393.20
SRM599	CIRCULAR	0.75	0.44	0.19	0.75	1	364.97
SRM599-S	CG-CG	0.30	3.78	0.25	14.71	1	461.61
SRM59-S	CG-CG	0.30	3.78	0.25	14.71	1	12819.99
SRM5-S	CG-CG	0.30	3.78	0.25	14.71	1	11759.75
SRM6	CIRCULAR	0.30	0.07	0.07	0.30	1	43.64
SRM60	CIRCULAR	0.53	0.22	0.13	0.53	1	432.31
SRM600	CIRCULAR	0.75	0.44	0.19	0.75	1	289.49
SRM602	CIRCULAR	0.75	0.44	0.19	0.75	1	446.99
SRM602-S	CG-CG	0.30	3.78	0.25	14.71	1	7478.26
SRM603	CIRCULAR	0.75	0.44	0.19	0.75	1	338.98
SRM603-S	CG-CG	0.30	3.78	0.25	14.71	1	5112.02
SRM604	CIRCULAR	0.75	0.44	0.19	0.75	1	571.52
SRM604-S	CG-CG	0.30	3.78	0.25	14.71	1	14747.73
SRM605	CIRCULAR	0.75	0.44	0.19	0.75	1	581.19
SRM605-S	CG-CG	0.30	3.78	0.25	14.71	1	12000.47
SRM606	CIRCULAR	0.75	0.44	0.19	0.75	1	606.21
SRM606-S	CG-CG	0.30	3.78	0.25	14.71	1	6546.69
SRM607	CIRCULAR	0.90	0.64	0.23	0.90	1	631.39
SRM60-S	CG-CG	0.30	3.78	0.25	14.71	1	8895.21
SRM61	CIRCULAR	0.30	0.07	0.07	0.30	1	151.66
SRM610	CIRCULAR	0.38	0.11	0.09	0.38	1	155.26
SRM610-S	CG-CG	0.30	3.78	0.25	14.71	1	9642.75
SRM612	CIRCULAR	0.30	0.07	0.07	0.30	1	118.46
SRM612-S	CG-CG	0.30	3.78	0.25	14.71	1	17248.40
SRM613	CIRCULAR	0.30	0.07	0.07	0.30	1	126.52
SRM613-S	CG-CG	0.30	3.78	0.25	14.71	1	21102.64
SRM614	CIRCULAR	0.30	0.07	0.07	0.30	1	122.46
SRM614-S	CG-CG	0.30	3.78	0.25	14.71	1	17485.57
SRM615	CIRCULAR	0.30	0.07	0.07	0.30	1	110.24
SRM615-S	AC-AC	0.15	0.66	0.11	5.95	1	659.97
SRM616	CIRCULAR	0.30	0.07	0.07	0.30	1	125.33
SRM616-S	CG-CG	0.30	3.78	0.25	14.71	1	15547.99
SRM617	CIRCULAR	0.30	0.07	0.07	0.30	1	54.33
SRM617-S	CG-CG	0.30	3.78	0.25	14.71	1	20705.43
SRM618	CIRCULAR	0.20	0.03	0.05	0.20	1	34.38
SRM618-S	CG-CG	0.30	3.78	0.25	14.71	1	12832.21
SRM619	CIRCULAR	0.38	0.11	0.09	0.38	1	112.73
SRM61-S	CG-CG	0.30	3.78	0.25	14.71	1	15233.54
SRM620	CIRCULAR	0.38	0.11	0.09	0.38	1	176.70
SRM620-S	CG-CG	0.30	3.78	0.25	14.71	1	12351.60
SRM621	CIRCULAR	0.38	0.11	0.09	0.38	1	225.18

SRM621-S	CG-CG	0.30	3.78	0.25	14.71	1	11809.72
SRM622	CIRCULAR	0.38	0.11	0.09	0.38	1	120.59
SRM622-S	CG-CG	0.30	3.78	0.25	14.71	1	9148.97
SRM623	CIRCULAR	0.45	0.16	0.11	0.45	1	262.24
SRM623-S	CG-CG	0.30	3.78	0.25	14.71	1	11895.62
SRM624	CIRCULAR	0.45	0.16	0.11	0.45	1	303.75
SRM624-S	CG-CG	0.30	3.78	0.25	14.71	1	8360.48
SRM625	CIRCULAR	0.45	0.16	0.11	0.45	1	241.95
SRM626	CIRCULAR	0.45	0.16	0.11	0.45	1	461.72
SRM626-S	CG-CG	0.30	3.78	0.25	14.71	1	19959.24
SRM627	CIRCULAR	0.45	0.16	0.11	0.45	1	465.23
SRM627-S	CG-CG	0.30	3.78	0.25	14.71	1	25903.17
SRM628	CIRCULAR	0.60	0.28	0.15	0.60	1	613.87
SRM628-S	CG-CG	0.30	3.78	0.25	14.71	1	11496.27
SRM629	CIRCULAR	0.60	0.28	0.15	0.60	1	583.03
SRM629-S	CG-CG	0.30	3.78	0.25	14.71	1	11494.25
SRM63	CIRCULAR	0.30	0.07	0.07	0.30	1	116.12
SRM630	CIRCULAR	0.60	0.28	0.15	0.60	1	794.94
SRM630-S	CG-CG	0.30	3.78	0.25	14.71	1	15634.44
SRM631	CIRCULAR	0.38	0.11	0.09	0.38	1	245.32
SRM631-S	CG-CG	0.30	3.78	0.25	14.71	1	24323.79
SRM632	CIRCULAR	0.38	0.11	0.09	0.38	1	191.73
SRM632-S	CG-CG	0.30	3.78	0.25	14.71	1	13054.99
SRM633	CIRCULAR	0.20	0.03	0.05	0.20	1	38.76
SRM633-S	CG-CG	0.30	3.78	0.25	14.71	1	40546.20
SRM634	CIRCULAR	0.53	0.22	0.13	0.53	1	825.55
SRM635	CIRCULAR	0.68	0.36	0.17	0.68	1	555.43
SRM63-S	CG-CG	0.30	3.78	0.25	14.71	1	11536.75
SRM64	CIRCULAR	0.45	0.16	0.11	0.45	1	216.14
SRM640	CIRCULAR	0.45	0.16	0.11	0.45	1	268.52
SRM641	CIRCULAR	0.30	0.07	0.07	0.30	1	89.61
SRM641-S	CG-CG	0.30	3.78	0.25	14.71	1	22541.23
SRM642	CIRCULAR	0.45	0.16	0.11	0.45	1	215.73
SRM643	CIRCULAR	0.45	0.16	0.11	0.45	1	327.78
SRM643-S	CG-CG	0.30	3.78	0.25	14.71	1	11809.00
SRM646	CIRCULAR	0.60	0.28	0.15	0.60	1	796.20
SRM646-S	CG-CG	0.30	3.78	0.25	14.71	1	18607.79
SRM64-S	RECT_OPEN	0.30	0.30	0.19	1.00	1	2082.85
SRM65	CIRCULAR	0.45	0.16	0.11	0.45	1	278.20
SRM650	CIRCULAR	0.38	0.11	0.09	0.38	1	94.21
SRM655	CIRCULAR	0.60	0.28	0.15	0.60	1	440.92
SRM655-S	CG-CG	0.30	3.78	0.25	14.71	1	9100.97
SRM656	CIRCULAR	0.20	0.03	0.05	0.20	1	24.69
SRM656-S	CG-CG	0.30	3.78	0.25	14.71	1	12764.59
SRM658	CIRCULAR	0.60	0.28	0.15	0.60	1	368.52
SRM658-S	CG-CG	0.30	3.78	0.25	14.71	1	11647.40
SRM65-S	CG-CG	0.30	3.78	0.25	14.71	1	17112.24
SRM66	CIRCULAR	1.05	0.87	0.26	1.05	1	3395.34
SRM661	CIRCULAR	0.45	0.16	0.11	0.45	1	418.92
SRM661-S	CG-CG	0.30	3.78	0.25	14.71	1	12052.06
SRM662	CIRCULAR	0.60	0.28	0.15	0.60	1	388.34
SRM662-S	CG-CG	0.30	3.78	0.25	14.71	1	8581.30
SRM666	CIRCULAR	0.60	0.28	0.15	0.60	1	709.03
SRM666-S	CG-CG	0.30	3.78	0.25	14.71	1	50373.31
SRM668	CIRCULAR	0.30	0.07	0.07	0.30	1	67.77
SRM668-S	CG-CG	0.30	3.78	0.25	14.71	1	7149.68
SRM67	CIRCULAR	1.05	0.87	0.26	1.05	1	3216.18
SRM68	CIRCULAR	0.45	0.16	0.11	0.45	1	76.66
SRM680	CIRCULAR	1.05	0.87	0.26	1.05	1	2786.62
SRM680-S	CG-CG	0.30	3.78	0.25	14.71	1	3508.26
SRM681	CIRCULAR	1.05	0.87	0.26	1.05	1	2771.98
SRM681-S	CG-CG	0.30	3.78	0.25	14.71	1	12957.80
SRM682	CIRCULAR	1.05	0.87	0.26	1.05	1	2794.98
SRM682-S	CG-CG	0.30	3.78	0.25	14.71	1	12126.73
SRM683	CIRCULAR	1.05	0.87	0.26	1.05	1	2778.80
SRM683-S	CG-CG	0.30	3.78	0.25	14.71	1	10542.10
SRM684	CIRCULAR	1.05	0.87	0.26	1.05	1	2785.13
SRM684-S	CG-CG	0.30	3.78	0.25	14.71	1	10126.67
SRM685	CIRCULAR	0.90	0.64	0.23	0.90	1	1849.90
SRM687	CIRCULAR	0.90	0.64	0.23	0.90	1	1847.60
SRM688	CIRCULAR	0.75	0.44	0.19	0.75	1	1138.64
SRM689	CIRCULAR	1.05	0.87	0.26	1.05	1	2414.82
SRM689-S	CG-CG	0.30	3.78	0.25	14.71	1	17163.40
SRM69	CIRCULAR	0.45	0.16	0.11	0.45	1	139.70
SRM691	CIRCULAR	0.45	0.16	0.11	0.45	1	665.83

SRM691-S	CG-CG	0.30	3.78	0.25	14.71	1	22639.62
SRM693	CIRCULAR	0.30	0.07	0.07	0.30	1	189.59
SRM694	CIRCULAR	0.30	0.07	0.07	0.30	1	256.62
SRM696	CIRCULAR	0.25	0.05	0.06	0.25	1	36.83
SRM696-S	CG-CG	0.30	3.78	0.25	14.71	1	6509.20
SRM698	CIRCULAR	0.38	0.11	0.09	0.38	1	483.94
SRM699	CIRCULAR	0.38	0.11	0.09	0.38	1	334.26
SRM7	CIRCULAR	0.30	0.07	0.07	0.30	1	42.69
SRM70	CIRCULAR	0.45	0.16	0.11	0.45	1	247.26
SRM700	CIRCULAR	0.45	0.16	0.11	0.45	1	661.86
SRM700-S	CG-CG	0.30	3.78	0.25	14.71	1	26598.17
SRM701	CIRCULAR	0.53	0.22	0.13	0.53	1	998.49
SRM701-S	CG-CG	0.30	3.78	0.25	14.71	1	22561.29
SRM702	CIRCULAR	0.38	0.11	0.09	0.38	1	583.51
SRM703	CIRCULAR	0.53	0.22	0.13	0.53	1	702.36
SRM703-S	CG-CG	0.30	3.78	0.25	14.71	1	23880.50
SRM71	CIRCULAR	0.45	0.16	0.11	0.45	1	189.97
SRM71-S	CG-CG	0.30	3.78	0.25	14.71	1	6477.65
SRM723	CIRCULAR	0.30	0.07	0.07	0.30	1	37.95
SRM723-S	CG-CG	0.30	3.78	0.25	14.71	1	10524.60
SRM724	CIRCULAR	0.90	0.64	0.23	0.90	1	1703.12
SRM724-S	CG-CG	0.30	3.78	0.25	14.71	1	8704.10
SRM725	CIRCULAR	0.38	0.11	0.09	0.38	1	81.41
SRM725-S	CG-CG	0.30	3.78	0.25	14.71	1	33708.81
SRM726	CIRCULAR	0.38	0.11	0.09	0.38	1	77.75
SRM726-S	CG-CG	0.30	3.78	0.25	14.71	1	9726.64
SRM727	CIRCULAR	0.38	0.11	0.09	0.38	1	142.57
SRM728	CIRCULAR	0.38	0.11	0.09	0.38	1	4.09
SRM728-S	CG-CG	0.30	3.78	0.25	14.71	1	6071.05
SRM73	CIRCULAR	0.68	0.36	0.17	0.68	1	283.05
SRM730	CIRCULAR	0.38	0.11	0.09	0.38	1	158.03
SRM730-S	CG-CG	0.30	3.78	0.25	14.71	1	20039.47
SRM731	CIRCULAR	0.90	0.64	0.23	0.90	1	1014.31
SRM733	CIRCULAR	0.45	0.16	0.11	0.45	1	167.05
SRM733-S	CG-CG	0.30	3.78	0.25	14.71	1	18719.46
SRM735	CIRCULAR	0.45	0.16	0.11	0.45	1	433.96
SRM735-S	CG-CG	0.30	3.78	0.25	14.71	1	19310.42
SRM736	CIRCULAR	0.45	0.16	0.11	0.45	1	383.23
SRM736-S	CG-CG	0.30	3.78	0.25	14.71	1	18986.39
SRM738	CIRCULAR	0.30	0.07	0.07	0.30	1	213.97
SRM739	CIRCULAR	0.30	0.07	0.07	0.30	1	186.36
SRM739-S	CG-CG	0.30	3.78	0.25	14.71	1	25572.21
SRM740	CIRCULAR	0.38	0.11	0.09	0.38	1	401.47
SRM740-S	CG-CG	0.30	3.78	0.25	14.71	1	25018.26
SRM741	CIRCULAR	0.45	0.16	0.11	0.45	1	420.62
SRM742	CIRCULAR	0.60	0.28	0.15	0.60	1	686.51
SRM743	CIRCULAR	0.45	0.16	0.11	0.45	1	642.55
SRM743-S	CG-CG	0.30	3.78	0.25	14.71	1	19191.48
SRM744	CIRCULAR	0.45	0.16	0.11	0.45	1	652.96
SRM744-S	CG-CG	0.30	3.78	0.25	14.71	1	27834.11
SRM745	CIRCULAR	0.45	0.16	0.11	0.45	1	481.81
SRM745-S	CG-CG	0.30	3.78	0.25	14.71	1	21286.29
SRM746	CIRCULAR	0.30	0.07	0.07	0.30	1	61.23
SRM747	CIRCULAR	0.20	0.03	0.05	0.20	1	31.80
SRM747-S	CG-CG	0.30	3.78	0.25	14.71	1	14102.53
SRM748	CIRCULAR	0.38	0.11	0.09	0.38	1	104.23
SRM748-S	CG-CG	0.30	3.78	0.25	14.71	1	12239.36
SRM749	CIRCULAR	0.38	0.11	0.09	0.38	1	127.71
SRM749-S	CG-CG	0.30	3.78	0.25	14.71	1	15229.28
SRM75	CIRCULAR	0.68	0.36	0.17	0.68	1	36.84
SRM750	CIRCULAR	0.38	0.11	0.09	0.38	1	194.94
SRM750-S	CG-CG	0.30	3.78	0.25	14.71	1	7383.19
SRM751	CIRCULAR	0.53	0.22	0.13	0.53	1	518.30
SRM751-S	CG-CG	0.30	3.78	0.25	14.71	1	8878.65
SRM752	CIRCULAR	0.45	0.16	0.11	0.45	1	156.17
SRM752-S	CG-CG	0.30	3.78	0.25	14.71	1	7180.02
SRM753	CIRCULAR	0.45	0.16	0.11	0.45	1	180.22
SRM753-S	CG-CG	0.30	3.78	0.25	14.71	1	8172.57
SRM754	CIRCULAR	0.45	0.16	0.11	0.45	1	127.76
SRM754-S	CG-CG	0.30	3.78	0.25	14.71	1	5564.25
SRM755	CIRCULAR	0.30	0.07	0.07	0.30	1	68.46
SRM756	CIRCULAR	0.30	0.07	0.07	0.30	1	167.51
SRM756-S	CG-CG	0.30	3.78	0.25	14.71	1	10583.31
SRM757	CIRCULAR	0.30	0.07	0.07	0.30	1	161.65
SRM757-S	CG-CG	0.30	3.78	0.25	14.71	1	18066.97

SRM758	CIRCULAR	0.30	0.07	0.07	0.30	1	151.22
SRM758-S	CG-CG	0.30	3.78	0.25	14.71	1	18941.02
SRM759	CIRCULAR	0.30	0.07	0.07	0.30	1	42.01
SRM76	CIRCULAR	0.90	0.64	0.23	0.90	1	4756.41
SRM760	CIRCULAR	0.20	0.03	0.05	0.20	1	56.82
SRM760-S	CG-CG	0.30	3.78	0.25	14.71	1	20873.96
SRM761	CIRCULAR	0.30	0.07	0.07	0.30	1	170.29
SRM761-S	CG-CG	0.30	3.78	0.25	14.71	1	19750.86
SRM762	CIRCULAR	0.30	0.07	0.07	0.30	1	74.88
SRM763	CIRCULAR	0.60	0.28	0.15	0.60	1	494.75
SRM763-S	CG-CG	0.30	3.78	0.25	14.71	1	16338.50
SRM764	CIRCULAR	0.30	0.07	0.07	0.30	1	73.82
SRM764-S	CG-CG	0.30	3.78	0.25	14.71	1	4536.88
SRM765	CIRCULAR	0.30	0.07	0.07	0.30	1	205.33
SRM765-S	CG-CG	0.30	3.78	0.25	14.71	1	24248.68
SRM769	CIRCULAR	0.53	0.22	0.13	0.53	1	102.83
SRM769-S	CG-CG	0.30	3.78	0.25	14.71	1	25409.41
SRM77	CIRCULAR	0.30	0.07	0.07	0.30	1	156.74
SRM770	CIRCULAR	0.60	0.28	0.15	0.60	1	739.29
SRM770-S	CG-CG	0.30	3.78	0.25	14.71	1	18889.79
SRM772	CIRCULAR	0.20	0.03	0.05	0.20	1	41.58
SRM772-S	CG-CG	0.30	3.78	0.25	14.71	1	23568.28
SRM773	CIRCULAR	0.60	0.28	0.15	0.60	1	400.82
SRM774	CIRCULAR	0.30	0.07	0.07	0.30	1	213.40
SRM774-S	CG-CG	0.30	3.78	0.25	14.71	1	14633.45
SRM775	CIRCULAR	0.30	0.07	0.07	0.30	1	150.37
SRM775-S	CG-CG	0.30	3.78	0.25	14.71	1	9944.76
SRM776	CIRCULAR	0.60	0.28	0.15	0.60	1	625.34
SRM78	CIRCULAR	0.30	0.07	0.07	0.30	1	92.76
SRM79	CIRCULAR	0.45	0.16	0.11	0.45	1	225.03
SRM798	CIRCULAR	0.45	0.16	0.11	0.45	1	67.60
SRM798-S	CG-CG	0.30	3.78	0.25	14.71	1	3894.40
SRM7-S	CG-CG	0.30	3.78	0.25	14.71	1	17445.75
SRM8	CIRCULAR	0.30	0.07	0.07	0.30	1	41.98
SRM80	CIRCULAR	0.60	0.28	0.15	0.60	1	501.61
SRM800	CIRCULAR	0.38	0.11	0.09	0.38	1	59.01
SRM800-S	CG-CG	0.30	3.78	0.25	14.71	1	4693.89
SRM801	CIRCULAR	0.75	0.44	0.19	0.75	1	339.06
SRM801-S	CG-CG	0.30	3.78	0.25	14.71	1	2210.44
SRM802	CIRCULAR	0.60	0.28	0.15	0.60	1	233.75
SRM802-S	CG-CG	0.30	3.78	0.25	14.71	1	11938.79
SRM803	CIRCULAR	0.30	0.07	0.07	0.30	1	74.59
SRM803-S	CG-CG	0.30	3.78	0.25	14.71	1	9750.56
SRM804	CIRCULAR	0.45	0.16	0.11	0.45	1	74.99
SRM804-S	CG-CG	0.30	3.78	0.25	14.71	1	245.75
SRM805	CIRCULAR	0.38	0.11	0.09	0.38	1	64.21
SRM806	CIRCULAR	0.75	0.44	0.19	0.75	1	364.20
SRM806-S	CG-CG	0.30	3.78	0.25	14.71	1	4731.42
SRM807	CIRCULAR	0.20	0.03	0.05	0.20	1	10.05
SRM807-S	CG-CG	0.30	3.78	0.25	14.71	1	9120.61
SRM808	CIRCULAR	0.75	0.44	0.19	0.75	1	570.34
SRM808-S	CG-CG	0.30	3.78	0.25	14.71	1	6214.63
SRM809	CIRCULAR	0.20	0.03	0.05	0.20	1	13.37
SRM809-S	CG-CG	0.30	3.78	0.25	14.71	1	7998.25
SRM81	CIRCULAR	0.60	0.28	0.15	0.60	1	564.72
SRM810	CIRCULAR	0.90	0.64	0.23	0.90	1	665.46
SRM814	CIRCULAR	0.30	0.07	0.07	0.30	1	45.85
SRM815	CIRCULAR	0.30	0.07	0.07	0.30	1	45.82
SRM816	CIRCULAR	0.30	0.07	0.07	0.30	1	45.90
SRM82	CIRCULAR	0.68	0.36	0.17	0.68	1	1117.94
SRM826	CIRCULAR	0.75	0.44	0.19	0.75	1	507.92
SRM826-S	CG-CG	0.30	3.78	0.25	14.71	1	14104.26
SRM83	CIRCULAR	0.68	0.36	0.17	0.68	1	1104.67
SRM830	CIRCULAR	0.30	0.07	0.07	0.30	1	125.42
SRM831	CIRCULAR	0.30	0.07	0.07	0.30	1	135.71
SRM832	CIRCULAR	0.30	0.07	0.07	0.30	1	136.21
SRM833	CIRCULAR	0.30	0.07	0.07	0.30	1	81.62
SRM834	CIRCULAR	0.30	0.07	0.07	0.30	1	2.28
SRM836	CIRCULAR	0.20	0.03	0.05	0.20	1	42.23
SRM836-S	CG-CG	0.30	3.78	0.25	14.71	1	25289.93
SRM838	CIRCULAR	0.30	0.07	0.07	0.30	1	30.18
SRM839	CIRCULAR	0.30	0.07	0.07	0.30	1	81.60
SRM84	CIRCULAR	0.68	0.36	0.17	0.68	1	1131.65
SRM840	CIRCULAR	0.30	0.07	0.07	0.30	1	47.08
SRM844	CIRCULAR	0.45	0.16	0.11	0.45	1	126.74

SRM844-S	CG-CG	0.30	3.78	0.25	14.71	1	11086.79
SRM845	CIRCULAR	0.45	0.16	0.11	0.45	1	114.75
SRM845-S	CG-CG	0.30	3.78	0.25	14.71	1	6641.35
SRM846	CIRCULAR	0.75	0.44	0.19	0.75	1	698.04
SRM847	CIRCULAR	0.45	0.16	0.11	0.45	1	98.77
SRM847-S	CG-CG	0.30	3.78	0.25	14.71	1	14613.55
SRM848	CIRCULAR	0.30	0.07	0.07	0.30	1	43.27
SRM848-S	CG-CG	0.30	3.78	0.25	14.71	1	9772.99
SRM849	CIRCULAR	0.45	0.16	0.11	0.45	1	98.87
SRM849-S	CG-CG	0.30	3.78	0.25	14.71	1	14978.50
SRM85	CIRCULAR	0.68	0.36	0.17	0.68	1	1133.45
SRM850	CIRCULAR	0.20	0.03	0.05	0.20	1	21.53
SRM850-S	CG-CG	0.30	3.78	0.25	14.71	1	4274.70
SRM851	CIRCULAR	0.68	0.36	0.17	0.68	1	200.08
SRM851-S	CG-CG	0.30	3.78	0.25	14.71	1	13955.71
SRM852	CIRCULAR	0.53	0.22	0.13	0.53	1	266.99
SRM852-S	CG-CG	0.30	3.78	0.25	14.71	1	10317.16
SRM853	CIRCULAR	0.20	0.03	0.05	0.20	1	56.45
SRM853-S	CG-CG	0.30	3.78	0.25	14.71	1	19949.29
SRM854	CIRCULAR	0.30	0.07	0.07	0.30	1	207.39
SRM854-S	CG-CG	0.30	3.78	0.25	14.71	1	25350.57
SRM855	CIRCULAR	0.38	0.11	0.09	0.38	1	293.88
SRM855-S	CG-CG	0.30	3.78	0.25	14.71	1	19199.08
SRM856	CIRCULAR	0.38	0.11	0.09	0.38	1	131.92
SRM856-S	CG-CG	0.30	3.78	0.25	14.71	1	2323.89
SRM857	CIRCULAR	0.20	0.03	0.05	0.20	1	25.68
SRM857-S	CG-CG	0.30	3.78	0.25	14.71	1	9302.89
SRM858	CIRCULAR	0.20	0.03	0.05	0.20	1	11.34
SRM858-S	CG-CG	0.30	3.78	0.25	14.71	1	6744.20
SRM859	CIRCULAR	0.30	0.07	0.07	0.30	1	96.96
SRM859-S	CG-CG	0.30	3.78	0.25	14.71	1	7600.81
SRM86	CIRCULAR	0.68	0.36	0.17	0.68	1	1133.70
SRM863	CIRCULAR	0.60	0.28	0.15	0.60	1	177.45
SRM863-S	CG-CG	0.30	3.78	0.25	14.71	1	3260.98
SRM864	CIRCULAR	0.38	0.11	0.09	0.38	1	67.90
SRM864-S	CG-CG	0.30	3.78	0.25	14.71	1	7453.72
SRM865	CIRCULAR	0.45	0.16	0.11	0.45	1	117.74
SRM865-S	CG-CG	0.30	3.78	0.25	14.71	1	9055.51
SRM866	CIRCULAR	0.45	0.16	0.11	0.45	1	98.90
SRM866-S	CG-CG	0.30	3.78	0.25	14.71	1	12563.68
SRM867	CIRCULAR	0.53	0.22	0.13	0.53	1	149.06
SRM867-S	CG-CG	0.30	3.78	0.25	14.71	1	9139.21
SRM869	CIRCULAR	0.53	0.22	0.13	0.53	1	136.21
SRM869-S	CG-CG	0.30	3.78	0.25	14.71	1	4399.65
SRM870	CIRCULAR	0.53	0.22	0.13	0.53	1	202.24
SRM870-S	CG-CG	0.30	3.78	0.25	14.71	1	8058.67
SRM871	CIRCULAR	0.60	0.28	0.15	0.60	1	175.69
SRM871-S	CG-CG	0.30	3.78	0.25	14.71	1	3560.93
SRM872	CIRCULAR	0.60	0.28	0.15	0.60	1	157.12
SRM872-S	CG-CG	0.30	3.78	0.25	14.71	1	4229.52
SRM873	CIRCULAR	0.38	0.11	0.09	0.38	1	103.13
SRM873-S	CG-CG	0.30	3.78	0.25	14.71	1	16088.60
SRM876	CIRCULAR	0.30	0.07	0.07	0.30	1	43.21
SRM876-S	CG-CG	0.30	3.78	0.25	14.71	1	13119.50
SRM88	CIRCULAR	0.45	0.16	0.11	0.45	1	104.44
SRM880	CIRCULAR	0.30	0.07	0.07	0.30	1	195.50
SRM880-S	CG-CG	0.30	3.78	0.25	14.71	1	5506.39
SRM881	CIRCULAR	0.60	0.28	0.15	0.60	1	150.64
SRM881-S	CG-CG	0.30	3.78	0.25	14.71	1	5899.42
SRM882	CIRCULAR	0.30	0.07	0.07	0.30	1	61.19
SRM882-S	CG-CG	0.30	3.78	0.25	14.71	1	11468.59
SRM883	CIRCULAR	0.30	0.07	0.07	0.30	1	69.74
SRM883-S	CG-CG	0.30	3.78	0.25	14.71	1	12521.55
SRM884	CIRCULAR	0.30	0.07	0.07	0.30	1	225.07
SRM884-S	CG-CG	0.30	3.78	0.25	14.71	1	8489.72
SRM885	CIRCULAR	0.60	0.28	0.15	0.60	1	228.55
SRM885-S	CG-CG	0.30	3.78	0.25	14.71	1	6939.08
SRM886	CIRCULAR	0.30	0.07	0.07	0.30	1	73.26
SRM886-S	CG-CG	0.30	3.78	0.25	14.71	1	8517.85
SRM887	CIRCULAR	0.30	0.07	0.07	0.30	1	55.36
SRM887-S	CG-CG	0.30	3.78	0.25	14.71	1	7365.53
SRM888	CIRCULAR	0.38	0.11	0.09	0.38	1	67.95
SRM888-S	CG-CG	0.30	3.78	0.25	14.71	1	9980.07
SRM889	CIRCULAR	0.30	0.07	0.07	0.30	1	36.14
SRM889-S	CG-CG	0.30	3.78	0.25	14.71	1	7748.41

SRM89	CIRCULAR	0.30	0.07	0.07	0.30	1	50.15
SRM890	CIRCULAR	0.30	0.07	0.07	0.30	1	43.18
SRM890-S	CG-CG	0.30	3.78	0.25	14.71	1	6166.94
SRM891	CIRCULAR	0.30	0.07	0.07	0.30	1	43.37
SRM891-S	CG-CG	0.30	3.78	0.25	14.71	1	6333.95
SRM892	CIRCULAR	0.68	0.36	0.17	0.68	1	323.33
SRM892-S	CG-CG	0.30	3.78	0.25	14.71	1	8450.51
SRM893	CIRCULAR	0.60	0.28	0.15	0.60	1	552.24
SRM893-S	CG-CG	0.30	3.78	0.25	14.71	1	6614.19
SRM89-S	CG-CG	0.30	3.78	0.25	14.71	1	13258.24
SRM9	CIRCULAR	0.38	0.11	0.09	0.38	1	211.87
SRM90	CIRCULAR	0.30	0.07	0.07	0.30	1	154.53
SRM905	CIRCULAR	0.60	0.28	0.15	0.60	1	493.51
SRM905-S	CG-CG	0.30	3.78	0.25	14.71	1	28321.54
SRM906-20171208	CIRCULAR	0.30	0.07	0.07	0.30	1	47.04
SRM906-20171208-S	CG-CG	0.30	3.78	0.25	14.71	1	5288.93
SRM90-S	CG-CG	0.30	3.78	0.25	14.71	1	19465.75
SRM915	CIRCULAR	0.60	0.28	0.15	0.60	1	489.17
SRM915-S	CG-CG	0.30	3.78	0.25	14.71	1	11897.51
SRM92	CIRCULAR	0.30	0.07	0.07	0.30	1	55.91
SRM926	CIRCULAR	0.30	0.07	0.07	0.30	1	74.11
SRM926-S	CG-CG	0.30	3.78	0.25	14.71	1	5977.24
SRM927	CIRCULAR	0.75	0.44	0.19	0.75	1	1304.25
SRM927-S	CG-CG	0.30	3.78	0.25	14.71	1	21837.77
SRM928	CIRCULAR	0.30	0.07	0.07	0.30	1	130.91
SRM929	CIRCULAR	0.20	0.03	0.05	0.20	1	31.25
SRM929-S	CG-CG	0.30	3.78	0.25	14.71	1	11422.72
SRM92-S	CG-CG	0.30	3.78	0.25	14.71	1	12682.38
SRM93	CIRCULAR	0.30	0.07	0.07	0.30	1	14.60
SRM931	CIRCULAR	0.90	0.64	0.23	0.90	1	1398.62
SRM931-S	CG-CG	0.30	3.78	0.25	14.71	1	6108.34
SRM932	CIRCULAR	0.20	0.03	0.05	0.20	1	33.45
SRM932-S	CG-CG	0.30	3.78	0.25	14.71	1	9169.93
SRM933	CIRCULAR	0.75	0.44	0.19	0.75	1	1258.68
SRM933-S	CG-CG	0.30	3.78	0.25	14.71	1	10794.71
SRM934	CIRCULAR	0.60	0.28	0.15	0.60	1	616.06
SRM934-S	CG-CG	0.30	3.78	0.25	14.71	1	6311.41
SRM936	CIRCULAR	0.60	0.28	0.15	0.60	1	572.51
SRM936-S	CG-CG	0.30	3.78	0.25	14.71	1	7981.76
SRM938	CIRCULAR	0.30	0.07	0.07	0.30	1	252.85
SRM938-S	CG-CG	0.30	3.78	0.25	14.71	1	26224.69
SRM939	CIRCULAR	0.30	0.07	0.07	0.30	1	149.36
SRM93-S	CG-CG	0.30	3.78	0.25	14.71	1	9185.77
SRM941	CIRCULAR	0.30	0.07	0.07	0.30	1	129.63
SRM942_2	CIRCULAR	0.30	0.07	0.07	0.30	1	95.39
SRM943	CIRCULAR	0.30	0.07	0.07	0.30	1	166.65
SRM943-S	CG-CG	0.30	3.78	0.25	14.71	1	22390.06
SRM944	CIRCULAR	0.20	0.03	0.05	0.20	1	32.27
SRM945	CIRCULAR	1.05	0.87	0.26	1.05	1	1362.30
SRM946	CIRCULAR	1.05	0.87	0.26	1.05	1	1583.27
SRM947	CIRCULAR	0.90	0.64	0.23	0.90	1	1371.82
SRM947-S	CG-CG	0.30	3.78	0.25	14.71	1	12649.60
SRM950	CIRCULAR	0.38	0.11	0.09	0.38	1	177.56
SRM950-S	CG-CG	0.30	3.78	0.25	14.71	1	14180.56
SRM951	CIRCULAR	0.45	0.16	0.11	0.45	1	453.85
SRM951-S	CG-CG	0.30	3.78	0.25	14.71	1	20556.25
SRM952	CIRCULAR	0.38	0.11	0.09	0.38	1	304.96
SRM952-S	CG-CG	0.30	3.78	0.25	14.71	1	19293.24
SRM954	CIRCULAR	0.68	0.36	0.17	0.68	1	846.03
SRM954-S	CG-CG	0.30	3.78	0.25	14.71	1	16866.56
SRM955	CIRCULAR	0.60	0.28	0.15	0.60	1	547.22
SRM955-S	CG-CG	0.30	3.78	0.25	14.71	1	9194.56
SRM956	CIRCULAR	0.30	0.07	0.07	0.30	1	105.74
SRM957	CIRCULAR	0.38	0.11	0.09	0.38	1	111.41
SRM958	CIRCULAR	0.60	0.28	0.15	0.60	1	819.23
SRM958-S	CG-CG	0.30	3.78	0.25	14.71	1	17605.48
SRM959	CIRCULAR	0.45	0.16	0.11	0.45	1	465.04
SRM959-S	CG-CG	0.30	3.78	0.25	14.71	1	23879.49
SRM960	CIRCULAR	0.38	0.11	0.09	0.38	1	328.26
SRM960-S	CG-CG	0.30	3.78	0.25	14.71	1	25070.60
SRM961	CIRCULAR	0.30	0.07	0.07	0.30	1	97.00
SRM961-S	CG-CG	0.30	3.78	0.25	14.71	1	8662.71
SRM963	CIRCULAR	0.68	0.36	0.17	0.68	1	1268.96
SRM964	CIRCULAR	0.60	0.28	0.15	0.60	1	321.17
SRM964-S	CG-CG	0.30	3.78	0.25	14.71	1	10713.16

SRM965	CIRCULAR	0.68	0.36	0.17	0.68	1	337.78
SRM965-S	CG-CG	0.30	3.78	0.25	14.71	1	4992.31
SRM966	CIRCULAR	0.20	0.03	0.05	0.20	1	27.78
SRM966-S	CG-CG	0.30	3.78	0.25	14.71	1	14236.57
SRM967	CIRCULAR	0.45	0.16	0.11	0.45	1	141.16
SRM967-S	CG-CG	0.30	3.78	0.25	14.71	1	8054.79
SRM984	CIRCULAR	0.45	0.16	0.11	0.45	1	383.54
SRM984-S	CG-CG	0.30	3.78	0.25	14.71	1	24065.09
SRM985	CIRCULAR	0.45	0.16	0.11	0.45	1	476.51
SRM985-S	CG-CG	0.30	3.78	0.25	14.71	1	19543.61
SRM986	CIRCULAR	0.53	0.22	0.13	0.53	1	700.47
SRM986-S	CG-CG	0.30	3.78	0.25	14.71	1	21483.15
SRM987	CIRCULAR	0.30	0.07	0.07	0.30	1	61.06
SRM987-S	CG-CG	0.30	3.78	0.25	14.71	1	8115.10
SRM988	CIRCULAR	0.75	0.44	0.19	0.75	1	684.88
SRM989	CIRCULAR	0.20	0.03	0.05	0.20	1	40.75
SRM989-S	CG-CG	0.30	3.78	0.25	14.71	1	15566.00
SRM99	CIRCULAR	0.45	0.16	0.11	0.45	1	489.92
SRM990	CIRCULAR	0.30	0.07	0.07	0.30	1	118.13
SRM990-S	CG-CG	0.30	3.78	0.25	14.71	1	13048.45
SRM991	CIRCULAR	0.53	0.22	0.13	0.53	1	281.49
SRM992	CIRCULAR	0.30	0.07	0.07	0.30	1	190.94
SRM992-S	CG-CG	0.30	3.78	0.25	14.71	1	20580.81
SRM993	CIRCULAR	0.20	0.03	0.05	0.20	1	33.04
SRM993-S	CG-CG	0.30	3.78	0.25	14.71	1	7208.87
SRM994	CIRCULAR	0.20	0.03	0.05	0.20	1	54.84
SRM994-S	CG-CG	0.30	3.78	0.25	14.71	1	21259.13
SRM995	CIRCULAR	0.30	0.07	0.07	0.30	1	60.98
SRM995-S	CG-CG	0.30	3.78	0.25	14.71	1	1665.42
SRM996	CIRCULAR	0.30	0.07	0.07	0.30	1	59.12
SRM996-S	CG-CG	0.30	3.78	0.25	14.71	1	10638.99
SRM997	CIRCULAR	0.30	0.07	0.07	0.30	1	166.97
SRM9-S	CG-CG	0.30	3.78	0.25	14.71	1	15949.61
Vista_Ryders_Ridge	CIRCULAR	0.53	0.22	0.13	0.53	1	250.85

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Transect Summary
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Transect AC-AC

Area:

0.0005	0.0020	0.0046	0.0081	0.0126
0.0182	0.0248	0.0324	0.0410	0.0507
0.0615	0.0734	0.0864	0.1005	0.1158
0.1321	0.1495	0.1680	0.1876	0.2083
0.2301	0.2530	0.2770	0.3021	0.3283
0.3550	0.3818	0.4085	0.4353	0.4621
0.4889	0.5157	0.5425	0.5694	0.5962
0.6231	0.6499	0.6768	0.7037	0.7306
0.7575	0.7844	0.8113	0.8382	0.8652
0.8921	0.9191	0.9460	0.9730	1.0000

Hrad:

0.0137	0.0275	0.0412	0.0549	0.0686
0.0824	0.0961	0.1098	0.1228	0.1357
0.1488	0.1619	0.1752	0.1886	0.2019
0.2154	0.2289	0.2424	0.2559	0.2695
0.2830	0.2966	0.3102	0.3238	0.3373
0.3644	0.3914	0.4184	0.4453	0.4722
0.4991	0.5259	0.5526	0.5793	0.6059
0.6325	0.6591	0.6856	0.7121	0.7385
0.7648	0.7911	0.8174	0.8436	0.8698
0.8959	0.9220	0.9481	0.9741	1.0000

Width:

0.0375	0.0750	0.1124	0.1499	0.1874
0.2249	0.2624	0.2998	0.3395	0.3802
0.4209	0.4616	0.5023	0.5430	0.5837
0.6244	0.6651	0.7058	0.7465	0.7872
0.8279	0.8686	0.9093	0.9501	0.9908
0.9911	0.9915	0.9919	0.9922	0.9926
0.9930	0.9933	0.9937	0.9941	0.9945
0.9948	0.9952	0.9956	0.9959	0.9963
0.9967	0.9970	0.9974	0.9978	0.9982
0.9985	0.9989	0.9993	0.9996	1.0000

Transect AC-CG

Area:

0.0009	0.0034	0.0077	0.0136	0.0214
0.0310	0.0424	0.0557	0.0708	0.0878
0.1067	0.1274	0.1497	0.1723	0.1948
0.2174	0.2400	0.2625	0.2851	0.3077
0.3303	0.3528	0.3754	0.3980	0.4206
0.4438	0.4669	0.4901	0.5133	0.5364
0.5596	0.5828	0.6059	0.6291	0.6523
0.6755	0.6986	0.7218	0.7450	0.7682
0.7914	0.8145	0.8377	0.8609	0.8841
0.9073	0.9304	0.9536	0.9768	1.0000

Hrad:

0.0124	0.0248	0.0372	0.0496	0.0613
0.0731	0.0851	0.0972	0.1094	0.1216
0.1339	0.1462	0.1645	0.1890	0.2133
0.2375	0.2616	0.2857	0.3096	0.3335
0.3573	0.3809	0.4045	0.4280	0.4406
0.4640	0.4873	0.5105	0.5337	0.5567
0.5797	0.6025	0.6253	0.6480	0.6706
0.6931	0.7156	0.7379	0.7602	0.7824
0.8045	0.8266	0.8485	0.8704	0.8922
0.9139	0.9356	0.9571	0.9786	1.0000

Width:

0.0736	0.1472	0.2207	0.2943	0.3732
0.4532	0.5331	0.6131	0.6931	0.7730
0.8530	0.9330	0.9730	0.9731	0.9732
0.9733	0.9734	0.9735	0.9736	0.9737
0.9738	0.9739	0.9740	0.9741	0.9992
0.9992	0.9992	0.9993	0.9993	0.9993
0.9994	0.9994	0.9994	0.9995	0.9995
0.9995	0.9996	0.9996	0.9996	0.9997
0.9997	0.9997	0.9998	0.9998	0.9998
0.9999	0.9999	0.9999	1.0000	1.0000

Transect AC-Half

Area:

0.0005	0.0019	0.0043	0.0077	0.0120
0.0172	0.0235	0.0307	0.0388	0.0482
0.0586	0.0702	0.0829	0.0968	0.1118
0.1280	0.1453	0.1637	0.1833	0.2040
0.2259	0.2489	0.2730	0.2983	0.3247
0.3517	0.3787	0.4057	0.4327	0.4597
0.4867	0.5137	0.5407	0.5677	0.5947
0.6217	0.6487	0.6757	0.7027	0.7297
0.7568	0.7838	0.8108	0.8378	0.8648
0.8919	0.9189	0.9459	0.9730	1.0000

Hrad:

0.0138	0.0276	0.0414	0.0552	0.0690
0.0828	0.0966	0.1104	0.1226	0.1346
0.1469	0.1595	0.1723	0.1853	0.1985
0.2117	0.2250	0.2383	0.2518	0.2652
0.2787	0.2923	0.3059	0.3195	0.3331
0.3604	0.3876	0.4148	0.4420	0.4691
0.4961	0.5231	0.5501	0.5770	0.6038
0.6306	0.6573	0.6840	0.7106	0.7371
0.7637	0.7901	0.8165	0.8429	0.8692
0.8955	0.9217	0.9478	0.9739	1.0000

Width:

0.0354	0.0709	0.1063	0.1418	0.1772
0.2126	0.2481	0.2835	0.3234	0.3656
0.4078	0.4500	0.4921	0.5343	0.5765
0.6187	0.6608	0.7030	0.7452	0.7874
0.8295	0.8717	0.9139	0.9561	0.9982
0.9983	0.9984	0.9985	0.9985	0.9986
0.9987	0.9987	0.9988	0.9989	0.9989
0.9990	0.9991	0.9992	0.9992	0.9993
0.9994	0.9994	0.9995	0.9996	0.9996
0.9997	0.9998	0.9999	0.9999	1.0000

Transect CG-CG

Area:

0.0007	0.0028	0.0063	0.0113	0.0177
0.0256	0.0350	0.0460	0.0587	0.0741

0.0921 0.1128 0.1358 0.1591 0.1825
0.2058 0.2292 0.2525 0.2759 0.2992
0.3226 0.3459 0.3693 0.3927 0.4160
0.4394 0.4627 0.4861 0.5094 0.5328
0.5561 0.5795 0.6029 0.6262 0.6496
0.6729 0.6963 0.7197 0.7430 0.7664
0.7897 0.8131 0.8365 0.8598 0.8832
0.9065 0.9299 0.9533 0.9766 1.0000

Hrad:

0.0120 0.0240 0.0360 0.0480 0.0593
0.0708 0.0824 0.0941 0.1007 0.1067
0.1145 0.1232 0.1398 0.1637 0.1876
0.2115 0.2353 0.2590 0.2828 0.3065
0.3301 0.3537 0.3773 0.4008 0.4243
0.4478 0.4712 0.4946 0.5180 0.5413
0.5646 0.5878 0.6110 0.6342 0.6573
0.6804 0.7035 0.7265 0.7495 0.7724
0.7954 0.8182 0.8411 0.8639 0.8867
0.9094 0.9321 0.9548 0.9774 1.0000

Width:

0.0604 0.1207 0.1811 0.2415 0.3059
0.3712 0.4365 0.5018 0.5997 0.7139
0.8281 0.9423 0.9994 0.9995 0.9995
0.9995 0.9995 0.9995 0.9995 0.9996
0.9996 0.9996 0.9996 0.9996 0.9996
0.9996 0.9997 0.9997 0.9997 0.9997
0.9997 0.9997 0.9997 0.9998 0.9998
0.9998 0.9998 0.9998 0.9998 0.9999
0.9999 0.9999 0.9999 0.9999 0.9999
0.9999 1.0000 1.0000 1.0000 1.0000

Transect CG-Half

Area:

0.0007 0.0029 0.0065 0.0115 0.0182
0.0269 0.0377 0.0505 0.0654 0.0823
0.1013 0.1223 0.1452 0.1683 0.1914
0.2145 0.2376 0.2607 0.2838 0.3069
0.3300 0.3531 0.3762 0.3993 0.4224
0.4455 0.4686 0.4917 0.5148 0.5379
0.5610 0.5841 0.6072 0.6303 0.6534
0.6765 0.6996 0.7227 0.7458 0.7689
0.7921 0.8152 0.8383 0.8614 0.8845
0.9076 0.9307 0.9538 0.9769 1.0000

Hrad:

0.0124 0.0248 0.0372 0.0496 0.0586
0.0686 0.0795 0.0908 0.1025 0.1143
0.1263 0.1384 0.1568 0.1813 0.2058
0.2301 0.2544 0.2785 0.3025 0.3265
0.3503 0.3740 0.3977 0.4212 0.4446
0.4680 0.4912 0.5143 0.5374 0.5603
0.5832 0.6059 0.6286 0.6512 0.6736
0.6960 0.7183 0.7405 0.7626 0.7846
0.8066 0.8284 0.8502 0.8718 0.8934
0.9149 0.9363 0.9576 0.9789 1.0000

Width:

0.0621 0.1243 0.1864 0.2486 0.3330
0.4219 0.5108 0.5997 0.6886 0.7775
0.8664 0.9553 0.9997 0.9997 0.9997
0.9997 0.9998 0.9998 0.9998 0.9998
0.9998 0.9998 0.9998 0.9998 0.9998
0.9998 0.9998 0.9998 0.9998 0.9999
0.9999 0.9999 0.9999 0.9999 0.9999
0.9999 0.9999 0.9999 0.9999 0.9999
0.9999 0.9999 0.9999 1.0000 1.0000
1.0000 1.0000 1.0000 1.0000 1.0000

Transect Ditch

Area:

0.0069 0.0144 0.0224 0.0309 0.0400
0.0496 0.0597 0.0704 0.0816 0.0933
0.1056 0.1184 0.1317 0.1456 0.1600
0.1749 0.1904 0.2064 0.2229 0.2400
0.2576 0.2757 0.2944 0.3136 0.3333
0.3536 0.3744 0.3957 0.4176 0.4400
0.4629 0.4864 0.5104 0.5349 0.5600

0.5856 0.6117 0.6384 0.6656 0.6933
0.7216 0.7504 0.7797 0.8096 0.8400
0.8709 0.9024 0.9344 0.9669 1.0000

Hrad:

0.0348 0.0668 0.0966 0.1247 0.1512
0.1766 0.2010 0.2246 0.2474 0.2696
0.2913 0.3125 0.3333 0.3538 0.3739
0.3938 0.4134 0.4327 0.4519 0.4709
0.4897 0.5084 0.5270 0.5454 0.5637
0.5818 0.5999 0.6179 0.6359 0.6537
0.6715 0.6892 0.7068 0.7244 0.7419
0.7594 0.7768 0.7942 0.8115 0.8288
0.8461 0.8633 0.8805 0.8976 0.9148
0.9319 0.9489 0.9660 0.9830 1.0000

Width:

0.2160 0.2320 0.2480 0.2640 0.2800
0.2960 0.3120 0.3280 0.3440 0.3600
0.3760 0.3920 0.4080 0.4240 0.4400
0.4560 0.4720 0.4880 0.5040 0.5200
0.5360 0.5520 0.5680 0.5840 0.6000
0.6160 0.6320 0.6480 0.6640 0.6800
0.6960 0.7120 0.7280 0.7440 0.7600
0.7760 0.7920 0.8080 0.8240 0.8400
0.8560 0.8720 0.8880 0.9040 0.9200
0.9360 0.9520 0.9680 0.9840 1.0000

Transect DT-AC

Area:

0.0002 0.0008 0.0019 0.0034 0.0053
0.0076 0.0103 0.0135 0.0171 0.0211
0.0255 0.0303 0.0356 0.0413 0.0474
0.0539 0.0608 0.0682 0.0760 0.0842
0.0928 0.1019 0.1114 0.1213 0.1316
0.1423 0.1535 0.1651 0.1771 0.1895
0.2023 0.2156 0.2293 0.2444 0.2644
0.2895 0.3196 0.3549 0.3952 0.4407
0.4912 0.5466 0.6031 0.6597 0.7163
0.7730 0.8297 0.8864 0.9432 1.0000

Hrad:

0.0283 0.0566 0.0849 0.1132 0.1415
0.1698 0.1981 0.2264 0.2547 0.2830
0.3113 0.3396 0.3679 0.3962 0.4245
0.4528 0.4811 0.5094 0.5377 0.5660
0.5943 0.6226 0.6509 0.6792 0.7075
0.7358 0.7641 0.7924 0.8207 0.8490
0.8773 0.9056 0.9339 0.8768 0.7985
0.7400 0.6968 0.6658 0.6448 0.6318
0.6254 0.5571 0.6132 0.6692 0.7248
0.7803 0.8356 0.8906 0.9454 1.0000

Width:

0.0074 0.0148 0.0222 0.0296 0.0370
0.0444 0.0519 0.0593 0.0667 0.0741
0.0815 0.0889 0.0963 0.1037 0.1111
0.1185 0.1259 0.1333 0.1407 0.1481
0.1556 0.1630 0.1704 0.1778 0.1852
0.1926 0.2000 0.2074 0.2148 0.2222
0.2296 0.2370 0.2444 0.3067 0.3963
0.4859 0.5756 0.6652 0.7548 0.8444
0.9341 0.9941 0.9948 0.9956 0.9963
0.9970 0.9978 0.9985 0.9993 1.0000

Transect DT-CG

Area:

0.0002 0.0008 0.0017 0.0031 0.0048
0.0069 0.0094 0.0123 0.0156 0.0193
0.0233 0.0278 0.0326 0.0378 0.0434
0.0493 0.0557 0.0625 0.0696 0.0771
0.0850 0.0933 0.1020 0.1110 0.1205
0.1324 0.1491 0.1703 0.1962 0.2267
0.2619 0.3005 0.3392 0.3779 0.4166
0.4554 0.4942 0.5330 0.5718 0.6106
0.6495 0.6883 0.7272 0.7661 0.8051
0.8440 0.8830 0.9220 0.9610 1.0000

Hrad:

0.0206 0.0411 0.0617 0.0822 0.1028

0.1233	0.1439	0.1644	0.1850	0.2056
0.2261	0.2467	0.2672	0.2878	0.3083
0.3289	0.3494	0.3700	0.3906	0.4111
0.4317	0.4522	0.4728	0.4933	0.5139
0.4479	0.4032	0.3735	0.3548	0.3444
0.3404	0.3239	0.3645	0.4049	0.4451
0.4851	0.5248	0.5644	0.6037	0.6428
0.6817	0.7205	0.7590	0.7973	0.8354
0.8733	0.9110	0.9485	0.9858	1.0000

Width:

0.0096	0.0193	0.0289	0.0386	0.0482
0.0578	0.0675	0.0771	0.0867	0.0964
0.1060	0.1157	0.1253	0.1349	0.1446
0.1542	0.1639	0.1735	0.1831	0.1928
0.2024	0.2120	0.2217	0.2313	0.2410
0.3571	0.4733	0.5894	0.7055	0.8217
0.9378	0.9672	0.9677	0.9682	0.9687
0.9692	0.9696	0.9701	0.9706	0.9711
0.9716	0.9720	0.9725	0.9730	0.9735
0.9740	0.9745	0.9749	0.9754	1.0000

Transect DT-DT

Area:

0.0003	0.0013	0.0030	0.0053	0.0083
0.0120	0.0163	0.0213	0.0270	0.0333
0.0403	0.0480	0.0563	0.0653	0.0750
0.0853	0.0963	0.1080	0.1203	0.1333
0.1470	0.1613	0.1763	0.1920	0.2083
0.2253	0.2430	0.2613	0.2803	0.3000
0.3203	0.3413	0.3630	0.3853	0.4083
0.4320	0.4563	0.4813	0.5070	0.5333
0.5620	0.5947	0.6313	0.6720	0.7167
0.7653	0.8180	0.8747	0.9353	1.0000

Hrad:

0.0327	0.0655	0.0982	0.1309	0.1637
0.1964	0.2291	0.2619	0.2946	0.3273
0.3601	0.3928	0.4255	0.4583	0.4910
0.5237	0.5565	0.5892	0.6219	0.6547
0.6874	0.7201	0.7529	0.7856	0.8183
0.8511	0.8838	0.9165	0.9493	0.9820
1.0147	1.0475	1.0802	1.1130	1.1457
1.1784	1.2112	1.2439	1.2766	1.3094
1.2045	1.1308	1.0790	1.0428	1.0185
1.0031	0.9949	0.9923	0.9943	1.0000

Width:

0.0100	0.0200	0.0300	0.0400	0.0500
0.0600	0.0700	0.0800	0.0900	0.1000
0.1100	0.1200	0.1300	0.1400	0.1500
0.1600	0.1700	0.1800	0.1900	0.2000
0.2100	0.2200	0.2300	0.2400	0.2500
0.2600	0.2700	0.2800	0.2900	0.3000
0.3100	0.3200	0.3300	0.3400	0.3500
0.3600	0.3700	0.3800	0.3900	0.4000
0.4600	0.5200	0.5800	0.6400	0.7000
0.7600	0.8200	0.8800	0.9400	1.0000

Transect DT-Half

Area:

0.0003	0.0013	0.0030	0.0053	0.0083
0.0120	0.0163	0.0213	0.0270	0.0333
0.0403	0.0480	0.0563	0.0653	0.0750
0.0853	0.0963	0.1080	0.1203	0.1333
0.1470	0.1613	0.1763	0.1920	0.2083
0.2253	0.2430	0.2613	0.2803	0.3000
0.3203	0.3413	0.3630	0.3853	0.4083
0.4320	0.4563	0.4813	0.5070	0.5333
0.5620	0.5947	0.6313	0.6720	0.7167
0.7653	0.8180	0.8747	0.9353	1.0000

Hrad:

0.0330	0.0659	0.0989	0.1319	0.1649
0.1978	0.2308	0.2638	0.2968	0.3297
0.3627	0.3957	0.4287	0.4616	0.4946
0.5276	0.5606	0.5935	0.6265	0.6595
0.6925	0.7254	0.7584	0.7914	0.8244
0.8573	0.8903	0.9233	0.9563	0.9892

1.0222	1.0552	1.0882	1.1211	1.1541
1.1871	1.2201	1.2530	1.2860	1.3190
1.2114	1.1360	1.0828	1.0457	1.0206
1.0047	0.9960	0.9930	0.9946	1.0000
		Width:		
0.0100	0.0200	0.0300	0.0400	0.0500
0.0600	0.0700	0.0800	0.0900	0.1000
0.1100	0.1200	0.1300	0.1400	0.1500
0.1600	0.1700	0.1800	0.1900	0.2000
0.2100	0.2200	0.2300	0.2400	0.2500
0.2600	0.2700	0.2800	0.2900	0.3000
0.3100	0.3200	0.3300	0.3400	0.3500
0.3600	0.3700	0.3800	0.3900	0.4000
0.4600	0.5200	0.5800	0.6400	0.7000
0.7600	0.8200	0.8800	0.9400	1.0000

****
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
****

****
Analysis Options
****
Flow Units ..... LPS
Process Models:
Rainfall/Runoff ..... YES
RDII ..... NO
Snowmelt ..... NO
Groundwater ..... NO
Flow Routing ..... YES
Ponding Allowed ..... NO
Water Quality ..... NO
Infiltration Method ..... GREEN_AMPT
Flow Routing Method ..... DYNWAVE
Starting Date 05/22/2018 00:00:00
Ending Date 05/22/2018 04:00:00
Antecedent Dry Days 0.0
Report Time Step 00:00:10
Wet Time Step 00:00:10
Dry Time Step 00:00:10
Routing Time Step ..... 1.00 sec
Variable Time Step ..... YES
Maximum Trials 8
Number of Threads 4
Head Tolerance ..... 0.001500 m

**********	Volume	Depth
Runoff Quantity Continuity	hectare-m	mm
**********	---------	-------
Total Precipitation	99.852	26.918
Evaporation Loss	0.000	0.000
Infiltration Loss	82.031	22.113
Surface Runoff	16.262	4.384
Final Storage	1.560	0.421
Continuity Error (%)	-0.001	

**********	Volume	Volume
Flow Routing Continuity	hectare-m	10^6 ltr
**********	---------	---------
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	16.262	162.625
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	8.964	89.639
Flooding Loss	0.727	7.266
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	4.594	45.939
Final Stored Volume	11.236	112.356

Continuity Error (%) ..... -0.334

****
Highest Continuity Errors
****
Node GCMH24 (81.87%)
Node HPMH11 (73.64%)
Node GCMH18 (66.35%)
Node GCMH20 (35.68%)
Node GCMH23 (32.28%)

****
Time-Step Critical Elements
****
Link GCC54 (80.10%)
Link GCC29 (6.52%)
Link GCC25 (3.63%)
Link SRM593 (2.23%)

****
Highest Flow Instability Indexes
****
Link C23 (46)
Link SRM530 (45)
Link OR1 (39)
Link C81 (39)
Link SRM999 (33)

****
Routing Time Step Summary
****
Minimum Time Step : 0.22 sec
Average Time Step : 0.54 sec
Maximum Time Step : 1.00 sec
Percent in Steady State : 0.00
Average Iterations per Step : 3.92
Percent Not Converging : 18.33

****
Subcatchment Runoff Summary
****

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Total Runoff mm	Total Runoff mm	Peak Runoff 10^6 ltr	Runoff Coeff LPS	
GC1_1	26.92	0.00	0.00	26.75	0.08	1.20	587.06	0.003	
GC1_2	26.92	0.00	0.00	26.60	0.24	0.51	259.45	0.009	
GC10_1	26.92	0.00	0.00	24.58	2.26	0.02	13.26	0.084	
GC10_2	26.92	0.00	0.00	25.68	1.16	0.02	15.50	0.043	
GC100	26.92	0.00	0.00	16.80	9.56	0.01	7.58	0.355	
GC1000	26.92	0.00	0.00	13.31	12.81	0.01	10.93	0.476	
GC1001	26.92	0.00	0.00	17.05	9.31	0.01	6.22	0.346	
GC1002	26.92	0.00	0.00	17.23	9.12	0.01	5.87	0.339	
GC1003	26.92	0.00	0.00	13.07	13.04	0.01	9.37	0.485	
GC1004	26.92	0.00	0.00	7.67	18.05	0.07	64.82	0.671	
GC1005	26.92	0.00	0.00	7.52	18.25	0.04	41.70	0.678	
GC1006	26.92	0.00	0.00	7.44	18.33	0.03	33.72	0.681	
GC1007	26.92	0.00	0.00	17.08	9.28	0.01	7.73	0.345	
GC1008	26.92	0.00	0.00	7.35	18.44	0.02	28.89	0.685	
GC1009	26.92	0.00	0.00	7.52	18.24	0.04	41.46	0.678	
GC101	26.92	0.00	0.00	17.22	9.14	0.01	9.63	0.339	
GC1010	26.92	0.00	0.00	7.60	18.15	0.05	51.04	0.674	
GC1011	26.92	0.00	0.00	7.26	18.53	0.02	20.94	0.688	
GC1012	26.92	0.00	0.00	7.30	18.49	0.02	22.17	0.687	
GC1013	26.92	0.00	0.00	17.00	9.36	0.01	7.45	0.348	
GC1014	26.92	0.00	0.00	17.07	9.28	0.01	6.15	0.345	
GC1015	26.92	0.00	0.00	17.29	9.07	0.01	7.69	0.337	
GC1016	26.92	0.00	0.00	15.98	10.30	0.01	6.97	0.383	

GC1017	26.92	0.00	0.00	13.34	12.77	0.01	6.37	0.475
GC1018	26.92	0.00	0.00	17.13	9.23	0.01	8.20	0.343
GC1019	26.92	0.00	0.00	18.74	7.61	0.03	27.94	0.283
GC102	26.92	0.00	0.00	17.36	9.00	0.01	8.40	0.334
GC1020	26.92	0.00	0.00	17.01	9.35	0.01	7.15	0.347
GC1021	26.92	0.00	0.00	17.48	8.88	0.01	8.40	0.330
GC1022_1	26.92	0.00	0.00	7.81	17.84	0.11	85.85	0.663
GC1022_2	26.92	0.00	0.00	7.26	18.53	0.02	20.10	0.688
GC1023	26.92	0.00	0.00	17.27	9.08	0.01	7.73	0.337
GC1024	26.92	0.00	0.00	17.33	9.02	0.01	9.35	0.335
GC1025	26.92	0.00	0.00	13.23	12.89	0.01	9.26	0.479
GC1027	26.92	0.00	0.00	16.99	9.37	0.01	6.34	0.348
GC1028	26.92	0.00	0.00	17.12	9.24	0.01	9.07	0.343
GC1029	26.92	0.00	0.00	13.34	12.78	0.00	5.75	0.475
GC103	26.92	0.00	0.00	13.55	12.57	0.01	7.40	0.467
GC1030	26.92	0.00	0.00	13.33	12.79	0.00	5.79	0.475
GC1031	26.92	0.00	0.00	17.14	9.22	0.01	7.98	0.343
GC1032	26.92	0.00	0.00	16.00	10.27	0.01	7.35	0.382
GC1033	26.92	0.00	0.00	7.60	18.15	0.05	50.90	0.674
GC1034	26.92	0.00	0.00	17.08	9.28	0.01	7.41	0.345
GC1035	26.92	0.00	0.00	17.05	9.31	0.01	7.29	0.346
GC1036	26.92	0.00	0.00	17.30	9.06	0.01	7.19	0.337
GC1037	26.92	0.00	0.00	7.44	18.33	0.03	33.72	0.681
GC1038	26.92	0.00	0.00	17.41	8.95	0.01	8.42	0.332
GC1039	26.92	0.00	0.00	16.99	9.37	0.01	6.29	0.348
GC104	26.92	0.00	0.00	13.20	12.91	0.00	6.11	0.480
GC1040	26.92	0.00	0.00	17.29	9.07	0.01	7.48	0.337
GC1041	26.92	0.00	0.00	17.11	9.25	0.01	8.29	0.344
GC1042	26.92	0.00	0.00	13.49	12.62	0.01	8.20	0.469
GC1043	26.92	0.00	0.00	17.29	9.07	0.01	7.21	0.337
GC1044	26.92	0.00	0.00	15.94	10.34	0.01	9.67	0.384
GC1045	26.92	0.00	0.00	17.34	9.02	0.01	7.59	0.335
GC1046	26.92	0.00	0.00	13.09	13.03	0.01	7.49	0.484
GC1047	26.92	0.00	0.00	17.16	9.20	0.01	7.75	0.342
GC1048	26.92	0.00	0.00	13.25	12.87	0.00	5.18	0.478
GC1049	26.92	0.00	0.00	17.19	9.16	0.01	7.49	0.340
GC105	26.92	0.00	0.00	17.02	9.34	0.01	6.93	0.347
GC1050	26.92	0.00	0.00	7.21	18.58	0.01	16.93	0.690
GC1051	26.92	0.00	0.00	13.31	12.81	0.00	5.09	0.476
GC1052	26.92	0.00	0.00	22.62	3.97	0.16	156.52	0.148
GC1053	26.92	0.00	0.00	16.99	9.37	0.01	6.47	0.348
GC1054	26.92	0.00	0.00	7.55	18.21	0.04	45.58	0.676
GC1055	26.92	0.00	0.00	17.19	9.16	0.01	6.80	0.340
GC1056	26.92	0.00	0.00	17.28	9.07	0.01	7.12	0.337
GC1057	26.92	0.00	0.00	16.12	10.16	0.01	7.66	0.377
GC1058	26.92	0.00	0.00	24.06	2.62	0.03	28.58	0.097
GC1059	26.92	0.00	0.00	13.11	13.01	0.01	9.27	0.483
GC106	26.92	0.00	0.00	16.92	9.43	0.01	7.12	0.350
GC1060	26.92	0.00	0.00	17.16	9.20	0.01	6.17	0.342
GC1061	26.92	0.00	0.00	17.22	9.14	0.01	7.07	0.339
GC1062	26.92	0.00	0.00	17.20	9.16	0.01	7.09	0.340
GC1063	26.92	0.00	0.00	17.24	9.11	0.01	6.14	0.339
GC1064	26.92	0.00	0.00	17.23	9.13	0.01	6.17	0.339
GC1065	26.92	0.00	0.00	17.17	9.19	0.01	6.26	0.341
GC1066	26.92	0.00	0.00	17.19	9.17	0.01	6.23	0.341
GC1067	26.92	0.00	0.00	13.32	12.80	0.00	5.89	0.475
GC1068	26.92	0.00	0.00	13.34	12.78	0.00	5.87	0.475
GC1069	26.92	0.00	0.00	13.33	12.79	0.00	5.83	0.475
GC107	26.92	0.00	0.00	17.30	9.06	0.01	7.49	0.336
GC1070	26.92	0.00	0.00	7.22	18.57	0.01	17.86	0.690
GC1071	26.92	0.00	0.00	17.18	9.18	0.01	7.69	0.341
GC1072	26.92	0.00	0.00	17.51	8.85	0.01	9.40	0.329
GC1073	26.92	0.00	0.00	13.22	12.90	0.00	5.59	0.479
GC1074	26.92	0.00	0.00	16.96	9.40	0.01	6.48	0.349
GC1075	26.92	0.00	0.00	16.89	9.47	0.01	6.56	0.352
GC1076	26.92	0.00	0.00	15.68	10.60	0.01	7.59	0.394
GC1077	26.92	0.00	0.00	17.08	9.28	0.01	7.19	0.345
GC1078	26.92	0.00	0.00	16.97	9.39	0.01	7.52	0.349
GC1079	26.92	0.00	0.00	12.83	13.29	0.00	5.96	0.494
GC108	26.92	0.00	0.00	17.90	8.46	0.01	13.94	0.314
GC1080	26.92	0.00	0.00	13.14	12.97	0.00	5.47	0.482
GC1081	26.92	0.00	0.00	17.29	9.07	0.01	7.32	0.337
GC1082	26.92	0.00	0.00	13.21	12.90	0.01	8.78	0.479
GC1083	26.92	0.00	0.00	17.04	9.32	0.01	6.77	0.346
GC1084	26.92	0.00	0.00	17.11	9.25	0.01	6.75	0.344

GC1085	26.92	0.00	0.00	17.04	9.32	0.01	6.75	0.346
GC1086	26.92	0.00	0.00	17.09	9.26	0.01	6.68	0.344
GC1087	26.92	0.00	0.00	13.53	12.59	0.01	8.75	0.468
GC1088	26.92	0.00	0.00	16.88	9.47	0.01	6.69	0.352
GC1089	26.92	0.00	0.00	9.21	16.55	0.17	166.83	0.615
GC109	26.92	0.00	0.00	13.12	12.99	0.01	9.98	0.483
GC1090	26.92	0.00	0.00	13.24	12.88	0.01	6.30	0.478
GC1091	26.92	0.00	0.00	13.20	12.92	0.00	5.25	0.480
GC1092	26.92	0.00	0.00	13.17	12.95	0.00	5.31	0.481
GC1093	26.92	0.00	0.00	17.08	9.28	0.01	7.48	0.345
GC1094	26.92	0.00	0.00	17.06	9.30	0.01	6.42	0.345
GC1095	26.92	0.00	0.00	16.85	9.51	0.01	6.78	0.353
GC1096	26.92	0.00	0.00	17.15	9.21	0.01	6.56	0.342
GC1097	26.92	0.00	0.00	16.83	9.53	0.01	6.72	0.354
GC1098	26.92	0.00	0.00	17.05	9.31	0.01	6.75	0.346
GC1099	26.92	0.00	0.00	17.12	9.23	0.01	6.59	0.343
GC11	26.92	0.00	0.00	26.63	0.20	0.10	49.83	0.008
GC110	26.92	0.00	0.00	13.32	12.79	0.01	7.35	0.475
GC1100	26.92	0.00	0.00	17.12	9.23	0.01	7.07	0.343
GC1101	26.92	0.00	0.00	16.04	10.24	0.01	7.86	0.380
GC1102	26.92	0.00	0.00	17.13	9.23	0.01	6.77	0.343
GC1103	26.92	0.00	0.00	16.97	9.38	0.01	6.56	0.349
GC1104	26.92	0.00	0.00	12.84	13.28	0.00	5.94	0.493
GC1105	26.92	0.00	0.00	17.02	9.33	0.01	6.76	0.347
GC1106	26.92	0.00	0.00	17.11	9.24	0.01	6.80	0.343
GC1107	26.92	0.00	0.00	17.19	9.17	0.01	6.87	0.341
GC1108	26.92	0.00	0.00	17.46	8.90	0.01	10.78	0.331
GC1109	26.92	0.00	0.00	15.73	10.55	0.01	7.59	0.392
GC111	26.92	0.00	0.00	13.21	12.91	0.01	11.60	0.480
GC1110	26.92	0.00	0.00	17.45	8.91	0.01	8.70	0.331
GC1111	26.92	0.00	0.00	16.93	9.43	0.01	6.46	0.350
GC1112	26.92	0.00	0.00	12.80	13.32	0.00	6.41	0.495
GC1113	26.92	0.00	0.00	7.67	18.06	0.06	62.77	0.671
GC1114	26.92	0.00	0.00	17.24	9.12	0.01	7.33	0.339
GC1115	26.92	0.00	0.00	17.54	8.81	0.01	8.79	0.327
GC1116	26.92	0.00	0.00	17.21	9.14	0.01	7.73	0.340
GC1117	26.92	0.00	0.00	17.05	9.31	0.00	6.00	0.346
GC1118	26.92	0.00	0.00	12.87	13.25	0.00	5.85	0.492
GC1119	26.92	0.00	0.00	17.55	8.81	0.01	9.10	0.327
GC112	26.92	0.00	0.00	13.48	12.64	0.01	7.76	0.470
GC1120	26.92	0.00	0.00	18.17	8.18	0.02	16.75	0.304
GC1121	26.92	0.00	0.00	24.85	1.99	0.00	3.39	0.074
GC1122	26.92	0.00	0.00	13.25	12.86	0.00	5.17	0.478
GC1123	26.92	0.00	0.00	13.30	12.82	0.00	5.12	0.476
GC1124	26.92	0.00	0.00	12.94	13.17	0.00	6.02	0.489
GC1125	26.92	0.00	0.00	15.65	10.62	0.01	7.54	0.395
GC1126	26.92	0.00	0.00	15.98	10.30	0.01	7.20	0.383
GC1127	26.92	0.00	0.00	12.83	13.29	0.00	5.98	0.494
GC1128	26.92	0.00	0.00	16.93	9.43	0.01	6.49	0.350
GC1129	26.92	0.00	0.00	17.00	9.36	0.01	7.46	0.348
GC113	26.92	0.00	0.00	13.50	12.62	0.01	8.41	0.469
GC1130	26.92	0.00	0.00	12.96	13.16	0.00	6.02	0.489
GC1131	26.92	0.00	0.00	7.35	18.43	0.02	24.69	0.685
GC1132	26.92	0.00	0.00	17.16	9.19	0.01	7.01	0.342
GC1133	26.92	0.00	0.00	12.88	13.24	0.00	5.84	0.492
GC1134	26.92	0.00	0.00	17.16	9.20	0.01	6.25	0.342
GC1135	26.92	0.00	0.00	15.64	10.64	0.01	7.16	0.395
GC1136	26.92	0.00	0.00	12.99	13.13	0.00	6.01	0.488
GC1137	26.92	0.00	0.00	13.23	12.89	0.00	5.21	0.479
GC1138	26.92	0.00	0.00	15.98	10.30	0.01	7.63	0.382
GC1139	26.92	0.00	0.00	13.30	12.82	0.00	5.12	0.476
GC114	26.92	0.00	0.00	13.20	12.92	0.01	10.36	0.480
GC1140	26.92	0.00	0.00	7.63	18.11	0.05	51.82	0.673
GC1141	26.92	0.00	0.00	18.50	7.85	0.02	25.81	0.292
GC1142	26.92	0.00	0.00	7.32	18.46	0.02	22.35	0.686
GC1143	26.92	0.00	0.00	12.84	13.28	0.00	5.95	0.493
GC1144	26.92	0.00	0.00	12.96	13.16	0.00	6.12	0.489
GC1145	26.92	0.00	0.00	15.61	10.67	0.01	7.36	0.396
GC1146	26.92	0.00	0.00	7.30	18.49	0.02	24.47	0.687
GC1147	26.92	0.00	0.00	12.97	13.14	0.00	6.09	0.488
GC1148	26.92	0.00	0.00	12.89	13.23	0.00	5.79	0.492
GC1149	26.92	0.00	0.00	17.50	8.86	0.01	9.23	0.329
GC115	26.92	0.00	0.00	13.26	12.85	0.01	10.36	0.478
GC1150	26.92	0.00	0.00	18.24	8.11	0.02	17.06	0.301
GC1151	26.92	0.00	0.00	17.24	9.12	0.01	8.37	0.339

GC1152	26.92	0.00	0.00	17.62	8.74	0.01	9.22	0.325
GC1153	26.92	0.00	0.00	15.91	10.36	0.01	7.03	0.385
GC1154	26.92	0.00	0.00	15.58	10.70	0.01	6.85	0.397
GC1155	26.92	0.00	0.00	17.28	9.08	0.01	6.73	0.337
GC1156	26.92	0.00	0.00	17.38	8.97	0.01	8.31	0.333
GC1157	26.92	0.00	0.00	16.99	9.37	0.01	7.14	0.348
GC1158	26.92	0.00	0.00	12.93	13.19	0.00	6.11	0.490
GC1159	26.92	0.00	0.00	13.28	12.83	0.00	5.13	0.477
GC116	26.92	0.00	0.00	13.11	13.01	0.01	9.16	0.483
GC1160	26.92	0.00	0.00	13.36	12.76	0.00	5.04	0.474
GC1161	26.92	0.00	0.00	12.82	13.29	0.00	6.00	0.494
GC1162	26.92	0.00	0.00	15.65	10.63	0.01	7.50	0.395
GC1163	26.92	0.00	0.00	17.16	9.20	0.01	6.39	0.342
GC1164	26.92	0.00	0.00	12.92	13.20	0.00	6.11	0.490
GC1165	26.92	0.00	0.00	17.68	8.68	0.01	10.68	0.322
GC1166	26.92	0.00	0.00	9.54	16.19	0.06	48.12	0.602
GC1167	26.92	0.00	0.00	15.84	10.44	0.01	6.78	0.388
GC1168	26.92	0.00	0.00	15.64	10.63	0.01	7.49	0.395
GC1169	26.92	0.00	0.00	17.22	9.13	0.01	6.90	0.339
GC117	26.92	0.00	0.00	7.57	18.19	0.04	48.98	0.676
GC1170	26.92	0.00	0.00	12.88	13.24	0.00	5.84	0.492
GC1171	26.92	0.00	0.00	17.72	8.64	0.01	10.54	0.321
GC1172	26.92	0.00	0.00	7.56	18.20	0.04	45.06	0.676
GC1173	26.92	0.00	0.00	12.88	13.24	0.00	6.11	0.492
GC1174	26.92	0.00	0.00	17.84	8.51	0.01	10.80	0.316
GC1175	26.92	0.00	0.00	15.80	10.48	0.01	7.51	0.389
GC1176	26.92	0.00	0.00	15.89	10.39	0.01	7.33	0.386
GC1177	26.92	0.00	0.00	12.93	13.19	0.00	5.92	0.490
GC1178	26.92	0.00	0.00	15.97	10.31	0.01	7.56	0.383
GC1179	26.92	0.00	0.00	16.01	10.27	0.01	7.22	0.382
GC118	26.92	0.00	0.00	13.19	12.93	0.01	9.77	0.480
GC1180	26.92	0.00	0.00	13.21	12.91	0.00	5.24	0.480
GC1181	26.92	0.00	0.00	13.30	12.81	0.00	5.12	0.476
GC1182	26.92	0.00	0.00	17.84	8.51	0.01	11.61	0.316
GC1183	26.92	0.00	0.00	16.00	10.28	0.01	6.78	0.382
GC1184	26.92	0.00	0.00	12.88	13.24	0.00	5.80	0.492
GC1185	26.92	0.00	0.00	13.13	12.98	0.01	8.31	0.482
GC1186	26.92	0.00	0.00	15.93	10.35	0.01	7.09	0.385
GC1187	26.92	0.00	0.00	13.11	13.01	0.01	8.39	0.483
GC1188	26.92	0.00	0.00	12.88	13.24	0.00	5.84	0.492
GC1189	26.92	0.00	0.00	13.08	13.04	0.01	8.38	0.484
GC119	26.92	0.00	0.00	13.14	12.98	0.01	9.66	0.482
GC1190	26.92	0.00	0.00	17.15	9.20	0.01	6.31	0.342
GC1191	26.92	0.00	0.00	15.93	10.35	0.01	7.27	0.384
GC1192	26.92	0.00	0.00	17.79	8.57	0.01	10.69	0.318
GC1193	26.92	0.00	0.00	13.13	12.99	0.01	8.61	0.483
GC1194	26.92	0.00	0.00	13.15	12.97	0.01	9.29	0.482
GC1195	26.92	0.00	0.00	13.10	13.01	0.01	8.68	0.484
GC1196	26.92	0.00	0.00	13.07	13.05	0.01	8.29	0.485
GC1197	26.92	0.00	0.00	13.03	13.09	0.01	8.90	0.486
GC1198	26.92	0.00	0.00	13.21	12.90	0.01	9.42	0.479
GC1199	26.92	0.00	0.00	13.08	13.03	0.01	8.72	0.484
GC12_2	26.92	0.00	0.00	11.29	14.45	2.75	1930.72	0.537
GC12_3	26.92	0.00	0.00	10.57	15.26	1.27	1210.23	0.567
GC12_4	26.92	0.00	0.00	11.51	14.18	3.49	2150.86	0.527
GC120	26.92	0.00	0.00	20.65	5.78	0.11	105.74	0.215
GC1200	26.92	0.00	0.00	13.10	13.02	0.01	8.42	0.484
GC1201	26.92	0.00	0.00	13.13	12.98	0.01	8.56	0.482
GC1202	26.92	0.00	0.00	13.11	13.01	0.01	8.64	0.483
GC1203	26.92	0.00	0.00	13.11	13.01	0.01	8.96	0.483
GC1204	26.92	0.00	0.00	13.05	13.07	0.01	9.15	0.486
GC1205	26.92	0.00	0.00	13.10	13.02	0.01	8.99	0.484
GC1206	26.92	0.00	0.00	13.10	13.02	0.01	9.01	0.484
GC1207	26.92	0.00	0.00	13.09	13.03	0.01	9.02	0.484
GC1208	26.92	0.00	0.00	12.99	13.12	0.01	9.31	0.488
GC1209	26.92	0.00	0.00	13.05	13.07	0.01	9.13	0.486
GC121	26.92	0.00	0.00	7.52	18.24	0.04	42.31	0.678
GC1210	26.92	0.00	0.00	13.05	13.07	0.01	9.10	0.486
GC1211	26.92	0.00	0.00	13.05	13.07	0.01	9.13	0.485
GC1212	26.92	0.00	0.00	13.18	12.94	0.00	5.28	0.481
GC1213	26.92	0.00	0.00	15.63	10.65	0.01	7.50	0.396
GC1214	26.92	0.00	0.00	13.26	12.85	0.00	5.17	0.477
GC1215	26.92	0.00	0.00	12.94	13.18	0.00	5.69	0.490
GC1216	26.92	0.00	0.00	15.70	10.57	0.01	7.38	0.393
GC1217	26.92	0.00	0.00	15.74	10.54	0.01	7.59	0.392

GC1218	26.92	0.00	0.00	15.73	10.54	0.01	7.60	0.392
GC1219	26.92	0.00	0.00	15.66	10.62	0.01	7.50	0.394
GC122	26.92	0.00	0.00	16.82	9.54	0.01	7.17	0.354
GC1220	26.92	0.00	0.00	15.86	10.42	0.01	7.32	0.387
GC1221	26.92	0.00	0.00	15.69	10.58	0.01	7.31	0.393
GC1222	26.92	0.00	0.00	15.66	10.62	0.01	7.19	0.395
GC1223	26.92	0.00	0.00	18.19	8.17	0.02	16.42	0.303
GC1224	26.92	0.00	0.00	17.12	9.24	0.01	7.01	0.343
GC1225	26.92	0.00	0.00	17.25	9.11	0.01	6.57	0.338
GC1226	26.92	0.00	0.00	15.75	10.53	0.01	7.14	0.391
GC1227	26.92	0.00	0.00	17.04	9.32	0.01	7.68	0.346
GC1228	26.92	0.00	0.00	7.48	18.29	0.03	36.02	0.679
GC1229	26.92	0.00	0.00	12.91	13.21	0.00	5.74	0.491
GC123	26.92	0.00	0.00	13.39	12.73	0.01	6.86	0.473
GC1230	26.92	0.00	0.00	17.26	9.10	0.01	6.83	0.338
GC1231	26.92	0.00	0.00	18.70	7.65	0.02	26.05	0.284
GC1232	26.92	0.00	0.00	18.04	8.32	0.01	14.44	0.309
GC1233	26.92	0.00	0.00	17.17	9.18	0.01	7.06	0.341
GC1234	26.92	0.00	0.00	9.57	16.16	0.06	48.76	0.600
GC1235	26.92	0.00	0.00	17.03	9.33	0.01	7.22	0.347
GC1236	26.92	0.00	0.00	17.05	9.31	0.01	7.29	0.346
GC1237	26.92	0.00	0.00	17.05	9.31	0.01	7.26	0.346
GC1238	26.92	0.00	0.00	17.05	9.31	0.01	7.25	0.346
GC1239	26.92	0.00	0.00	12.78	13.34	0.00	6.16	0.496
GC124	26.92	0.00	0.00	13.54	12.57	0.01	8.32	0.467
GC1240	26.92	0.00	0.00	13.27	12.85	0.00	5.15	0.477
GC1241	26.92	0.00	0.00	17.24	9.12	0.01	7.80	0.339
GC1242	26.92	0.00	0.00	13.26	12.86	0.00	5.18	0.478
GC1243	26.92	0.00	0.00	17.35	9.01	0.01	7.21	0.335
GC1244	26.92	0.00	0.00	16.99	9.37	0.01	6.73	0.348
GC1245	26.92	0.00	0.00	7.36	18.42	0.02	25.28	0.684
GC1246	26.92	0.00	0.00	17.14	9.22	0.01	8.02	0.342
GC1247	26.92	0.00	0.00	17.31	9.05	0.01	6.92	0.336
GC1248	26.92	0.00	0.00	17.34	9.01	0.01	7.71	0.335
GC1249	26.92	0.00	0.00	7.39	18.39	0.02	28.67	0.683
GC125	26.92	0.00	0.00	17.03	9.33	0.01	8.00	0.347
GC1250	26.92	0.00	0.00	12.85	13.27	0.00	5.92	0.493
GC1251	26.92	0.00	0.00	17.18	9.17	0.01	6.64	0.341
GC1252	26.92	0.00	0.00	24.99	1.85	0.00	2.84	0.069
GC1253	26.92	0.00	0.00	17.10	9.26	0.01	6.49	0.344
GC1254	26.92	0.00	0.00	17.26	9.09	0.01	6.12	0.338
GC1255	26.92	0.00	0.00	7.53	18.23	0.04	39.86	0.677
GC1256	26.92	0.00	0.00	7.59	18.16	0.04	46.13	0.675
GC1257	26.92	0.00	0.00	13.23	12.89	0.00	5.22	0.479
GC1258	26.92	0.00	0.00	13.30	12.81	0.00	5.12	0.476
GC1259	26.92	0.00	0.00	12.97	13.15	0.01	6.93	0.488
GC126	26.92	0.00	0.00	13.27	12.84	0.01	12.26	0.477
GC1260	26.92	0.00	0.00	7.52	18.25	0.03	37.54	0.678
GC1261	26.92	0.00	0.00	8.69	17.10	0.02	20.98	0.635
GC1262	26.92	0.00	0.00	7.29	18.49	0.02	20.58	0.687
GC1263	26.92	0.00	0.00	17.21	9.15	0.01	6.36	0.340
GC1264	26.92	0.00	0.00	7.80	17.85	0.13	98.49	0.663
GC1265	26.92	0.00	0.00	17.17	9.19	0.01	7.01	0.341
GC1266	26.92	0.00	0.00	12.97	13.15	0.01	6.90	0.488
GC1267	26.92	0.00	0.00	7.50	18.27	0.03	37.73	0.679
GC1268	26.92	0.00	0.00	17.23	9.13	0.01	6.65	0.339
GC1269	26.92	0.00	0.00	16.21	10.06	0.01	11.58	0.374
GC127	26.92	0.00	0.00	16.96	9.40	0.01	6.33	0.349
GC1270	26.92	0.00	0.00	13.22	12.89	0.00	5.22	0.479
GC1271	26.92	0.00	0.00	13.36	12.75	0.00	5.04	0.474
GC1272	26.92	0.00	0.00	17.15	9.21	0.01	7.00	0.342
GC1273	26.92	0.00	0.00	12.97	13.15	0.01	6.85	0.488
GC1274	26.92	0.00	0.00	17.00	9.36	0.01	6.18	0.348
GC1275	26.92	0.00	0.00	7.63	18.11	0.05	53.27	0.673
GC1276	26.92	0.00	0.00	7.42	18.35	0.03	30.25	0.682
GC1277	26.92	0.00	0.00	7.53	18.24	0.04	44.62	0.677
GC1278	26.92	0.00	0.00	25.20	1.63	0.00	2.48	0.061
GC1279	26.92	0.00	0.00	7.56	18.20	0.05	49.56	0.676
GC128	26.92	0.00	0.00	17.00	9.36	0.01	6.76	0.348
GC1280	26.92	0.00	0.00	17.18	9.18	0.01	6.26	0.341
GC1281	26.92	0.00	0.00	17.15	9.21	0.01	6.31	0.342
GC1282	26.92	0.00	0.00	16.22	10.05	0.01	11.74	0.373
GC1283	26.92	0.00	0.00	17.25	9.11	0.01	6.28	0.338
GC1284	26.92	0.00	0.00	7.69	18.04	0.07	63.12	0.670
GC1285	26.92	0.00	0.00	12.96	13.16	0.01	6.89	0.489

GC1286	26.92	0.00	0.00	7.20	18.59	0.01	16.54	0.691
GC1287	26.92	0.00	0.00	17.13	9.23	0.01	6.16	0.343
GC1288	26.92	0.00	0.00	25.75	1.09	0.01	4.41	0.041
GC1289	26.92	0.00	0.00	13.23	12.89	0.00	5.20	0.479
GC129	26.92	0.00	0.00	13.38	12.74	0.01	7.06	0.473
GC1290	26.92	0.00	0.00	13.33	12.79	0.00	5.09	0.475
GC1291	26.92	0.00	0.00	13.02	13.09	0.01	6.80	0.486
GC1292	26.92	0.00	0.00	18.17	8.19	0.02	16.58	0.304
GC1293	26.92	0.00	0.00	16.07	10.21	0.01	8.25	0.379
GC1294	26.92	0.00	0.00	17.13	9.23	0.01	6.49	0.343
GC1295	26.92	0.00	0.00	15.65	10.63	0.01	7.22	0.395
GC1296	26.92	0.00	0.00	16.08	10.19	0.01	7.60	0.379
GC1297	26.92	0.00	0.00	17.20	9.16	0.01	6.94	0.340
GC1298	26.92	0.00	0.00	17.18	9.18	0.01	6.65	0.341
GC1299	26.92	0.00	0.00	13.08	13.04	0.01	7.91	0.484
GC13	26.92	0.00	0.00	7.91	17.58	0.31	169.43	0.653
GC130	26.92	0.00	0.00	16.92	9.43	0.01	7.46	0.350
GC1300	26.92	0.00	0.00	8.66	17.13	0.02	21.32	0.636
GC1301	26.92	0.00	0.00	7.49	18.28	0.03	36.68	0.679
GC1302	26.92	0.00	0.00	17.49	8.86	0.01	8.91	0.329
GC1303	26.92	0.00	0.00	17.19	9.17	0.01	9.09	0.341
GC1304	26.92	0.00	0.00	16.14	10.14	0.01	7.44	0.377
GC1305	26.92	0.00	0.00	17.06	9.30	0.01	6.62	0.345
GC1306	26.92	0.00	0.00	8.67	17.12	0.02	19.44	0.636
GC1307	26.92	0.00	0.00	13.16	12.96	0.00	5.31	0.481
GC1308	26.92	0.00	0.00	13.24	12.87	0.00	5.20	0.478
GC1309	26.92	0.00	0.00	16.09	10.19	0.01	7.87	0.378
GC131	26.92	0.00	0.00	18.84	7.51	0.10	98.48	0.279
GC1310	26.92	0.00	0.00	17.18	9.18	0.01	6.26	0.341
GC1311	26.92	0.00	0.00	17.13	9.23	0.01	6.36	0.343
GC1312	26.92	0.00	0.00	18.01	8.34	0.01	15.59	0.310
GC1313	26.92	0.00	0.00	16.93	9.43	0.01	7.67	0.350
GC1314	26.92	0.00	0.00	16.13	10.15	0.01	7.34	0.377
GC1315	26.92	0.00	0.00	15.55	10.73	0.01	6.81	0.399
GC1316	26.92	0.00	0.00	17.29	9.07	0.01	6.55	0.337
GC1317	26.92	0.00	0.00	16.50	9.77	0.01	10.41	0.363
GC1318	26.92	0.00	0.00	17.10	9.26	0.01	6.54	0.344
GC1319	26.92	0.00	0.00	16.13	10.14	0.01	7.79	0.377
GC132	26.92	0.00	0.00	18.88	7.47	0.10	102.88	0.277
GC1320	26.92	0.00	0.00	17.03	9.33	0.01	8.21	0.347
GC1321	26.92	0.00	0.00	17.17	9.19	0.01	9.46	0.341
GC1322	26.92	0.00	0.00	17.16	9.20	0.01	8.58	0.342
GC1323	26.92	0.00	0.00	17.10	9.26	0.01	8.72	0.344
GC1324	26.92	0.00	0.00	17.12	9.24	0.01	8.66	0.343
GC1325	26.92	0.00	0.00	16.06	10.21	0.01	7.65	0.379
GC1326	26.92	0.00	0.00	16.17	10.11	0.01	7.73	0.375
GC1327	26.92	0.00	0.00	16.09	10.19	0.01	10.67	0.378
GC1328	26.92	0.00	0.00	17.29	9.07	0.01	9.44	0.337
GC1329	26.92	0.00	0.00	13.19	12.92	0.00	5.26	0.480
GC133	26.92	0.00	0.00	18.73	7.61	0.10	104.30	0.283
GC1330	26.92	0.00	0.00	13.32	12.80	0.00	5.10	0.475
GC1331	26.92	0.00	0.00	15.60	10.68	0.00	6.59	0.397
GC1332	26.92	0.00	0.00	7.71	18.00	0.07	66.35	0.669
GC1333	26.92	0.00	0.00	17.44	8.92	0.01	9.75	0.331
GC1334	26.92	0.00	0.00	17.00	9.36	0.01	6.40	0.348
GC1335	26.92	0.00	0.00	5.05	20.48	0.08	75.47	0.761
GC1336	26.92	0.00	0.00	9.89	15.80	0.07	52.00	0.587
GC1337	26.92	0.00	0.00	13.36	12.76	0.01	8.62	0.474
GC1338	26.92	0.00	0.00	17.29	9.06	0.01	6.55	0.337
GC1339	26.92	0.00	0.00	17.37	8.99	0.01	7.34	0.334
GC134	26.92	0.00	0.00	16.97	9.39	0.01	6.41	0.349
GC1340	26.92	0.00	0.00	12.95	13.16	0.01	8.62	0.489
GC1341	26.92	0.00	0.00	13.28	12.84	0.01	7.35	0.477
GC1342	26.92	0.00	0.00	13.07	13.05	0.01	8.28	0.485
GC1343	26.92	0.00	0.00	17.19	9.17	0.01	6.96	0.341
GC1344	26.92	0.00	0.00	13.10	13.01	0.01	8.43	0.483
GC1345	26.92	0.00	0.00	13.05	13.07	0.01	8.64	0.486
GC1346	26.92	0.00	0.00	13.06	13.05	0.01	8.53	0.485
GC1347	26.92	0.00	0.00	13.06	13.06	0.01	8.54	0.485
GC1348	26.92	0.00	0.00	13.17	12.95	0.01	6.56	0.481
GC1349	26.92	0.00	0.00	13.20	12.92	0.01	6.85	0.480
GC135	26.92	0.00	0.00	13.20	12.91	0.01	6.82	0.480
GC1350	26.92	0.00	0.00	13.13	12.99	0.01	7.37	0.482
GC1351	26.92	0.00	0.00	13.33	12.79	0.01	7.80	0.475
GC1352	26.92	0.00	0.00	13.15	12.96	0.01	6.55	0.482

GC1353	26.92	0.00	0.00	13.11	13.01	0.00	6.25	0.483
GC1354	26.92	0.00	0.00	13.21	12.91	0.01	6.82	0.480
GC1355	26.92	0.00	0.00	13.10	13.02	0.00	6.20	0.484
GC1356	26.92	0.00	0.00	12.92	13.20	0.01	7.11	0.490
GC1357	26.92	0.00	0.00	12.91	13.21	0.01	7.15	0.491
GC1358	26.92	0.00	0.00	12.92	13.20	0.01	7.17	0.490
GC1359	26.92	0.00	0.00	13.09	13.03	0.01	8.92	0.484
GC136	26.92	0.00	0.00	25.22	1.62	0.01	5.95	0.060
GC1360	26.92	0.00	0.00	13.35	12.77	0.01	7.10	0.474
GC1361	26.92	0.00	0.00	12.93	13.19	0.01	7.93	0.490
GC1362	26.92	0.00	0.00	13.26	12.86	0.01	6.56	0.478
GC1363	26.92	0.00	0.00	13.24	12.87	0.01	7.12	0.478
GC1364	26.92	0.00	0.00	15.68	10.60	0.01	6.60	0.394
GC1365	26.92	0.00	0.00	7.40	18.38	0.02	28.01	0.683
GC1366	26.92	0.00	0.00	17.10	9.26	0.01	6.41	0.344
GC1367	26.92	0.00	0.00	17.18	9.17	0.01	6.25	0.341
GC1368	26.92	0.00	0.00	17.11	9.25	0.01	7.24	0.343
GC1369	26.92	0.00	0.00	17.33	9.03	0.01	7.68	0.335
GC137	26.92	0.00	0.00	24.06	2.61	0.10	100.30	0.097
GC1370	26.92	0.00	0.00	13.18	12.93	0.00	5.27	0.481
GC1371	26.92	0.00	0.00	13.33	12.78	0.00	5.08	0.475
GC1372	26.92	0.00	0.00	17.11	9.24	0.01	6.52	0.343
GC1373	26.92	0.00	0.00	7.81	17.83	0.14	108.77	0.662
GC1374	26.92	0.00	0.00	17.21	9.15	0.01	7.30	0.340
GC1375	26.92	0.00	0.00	7.61	18.14	0.05	53.21	0.674
GC1376	26.92	0.00	0.00	8.66	17.13	0.02	19.54	0.636
GC1377	26.92	0.00	0.00	17.26	9.10	0.01	7.59	0.338
GC1378	26.92	0.00	0.00	15.93	10.34	0.01	7.19	0.384
GC1379	26.92	0.00	0.00	8.62	17.17	0.01	17.70	0.638
GC138	26.92	0.00	0.00	13.35	12.76	0.01	6.84	0.474
GC1380	26.92	0.00	0.00	18.24	8.12	0.02	20.27	0.302
GC1381	26.92	0.00	0.00	17.20	9.15	0.01	6.35	0.340
GC1382	26.92	0.00	0.00	17.08	9.28	0.01	6.18	0.345
GC1383	26.92	0.00	0.00	13.14	12.98	0.00	5.15	0.482
GC1384	26.92	0.00	0.00	13.26	12.86	0.00	5.16	0.478
GC1385	26.92	0.00	0.00	17.49	8.86	0.01	10.06	0.329
GC1386	26.92	0.00	0.00	7.52	18.24	0.03	38.85	0.678
GC1387	26.92	0.00	0.00	17.28	9.07	0.01	7.09	0.337
GC1388	26.92	0.00	0.00	15.79	10.49	0.01	8.66	0.390
GC1389	26.92	0.00	0.00	17.36	9.00	0.01	6.66	0.334
GC139	26.92	0.00	0.00	17.03	9.32	0.01	6.64	0.346
GC1390	26.92	0.00	0.00	17.37	8.99	0.01	6.83	0.334
GC1391	26.92	0.00	0.00	7.37	18.41	0.02	29.38	0.684
GC1392	26.92	0.00	0.00	17.19	9.16	0.01	7.03	0.340
GC1393	26.92	0.00	0.00	17.08	9.28	0.01	6.44	0.345
GC1394	26.92	0.00	0.00	17.19	9.17	0.01	6.24	0.341
GC1395	26.92	0.00	0.00	17.10	9.26	0.01	6.78	0.344
GC1396	26.92	0.00	0.00	7.46	18.32	0.03	38.28	0.680
GC1397	26.92	0.00	0.00	7.29	18.50	0.02	26.46	0.687
GC1398	26.92	0.00	0.00	17.94	8.42	0.01	13.84	0.313
GC1399	26.92	0.00	0.00	13.25	12.87	0.00	5.19	0.478
GC14	26.92	0.00	0.00	25.79	1.05	0.01	5.34	0.039
GC140	26.92	0.00	0.00	13.48	12.63	0.01	7.35	0.469
GC1400	26.92	0.00	0.00	7.11	18.69	0.01	12.78	0.694
GC1401	26.92	0.00	0.00	17.07	9.29	0.01	6.19	0.345
GC1402	26.92	0.00	0.00	17.31	9.05	0.01	7.05	0.336
GC1403	26.92	0.00	0.00	25.65	1.18	0.01	3.43	0.044
GC1404	26.92	0.00	0.00	17.01	9.35	0.01	6.56	0.347
GC1405	26.92	0.00	0.00	17.16	9.20	0.01	7.89	0.342
GC1406	26.92	0.00	0.00	17.30	9.06	0.01	8.21	0.337
GC1407	26.92	0.00	0.00	17.00	9.36	0.01	6.35	0.348
GC1408	26.92	0.00	0.00	17.02	9.34	0.01	6.81	0.347
GC1409	26.92	0.00	0.00	17.76	8.60	0.01	11.83	0.320
GC141	26.92	0.00	0.00	16.94	9.42	0.01	7.09	0.350
GC1410	26.92	0.00	0.00	17.09	9.27	0.01	7.17	0.344
GC1411	26.92	0.00	0.00	7.23	18.56	0.02	20.19	0.689
GC1412	26.92	0.00	0.00	13.05	13.07	0.00	6.40	0.486
GC1413	26.92	0.00	0.00	18.16	8.19	0.01	14.02	0.304
GC1414	26.92	0.00	0.00	17.22	9.14	0.01	7.38	0.340
GC1415	26.92	0.00	0.00	13.17	12.94	0.00	5.30	0.481
GC1416	26.92	0.00	0.00	7.70	18.03	0.07	61.75	0.670
GC1417	26.92	0.00	0.00	7.54	18.22	0.04	42.45	0.677
GC1418	26.92	0.00	0.00	17.23	9.13	0.01	6.97	0.339
GC1419	26.92	0.00	0.00	17.10	9.25	0.01	6.14	0.344
GC142	26.92	0.00	0.00	17.28	9.08	0.01	7.51	0.337

GC1420	26.92	0.00	0.00	17.21	9.15	0.01	5.96	0.340
GC1421	26.92	0.00	0.00	16.06	10.22	0.01	9.86	0.380
GC1422	26.92	0.00	0.00	17.09	9.27	0.01	6.33	0.344
GC1423	26.92	0.00	0.00	17.27	9.09	0.01	6.82	0.338
GC1424	26.92	0.00	0.00	8.72	17.07	0.02	19.87	0.634
GC1425	26.92	0.00	0.00	17.29	9.07	0.01	7.80	0.337
GC1426	26.92	0.00	0.00	15.73	10.55	0.01	7.16	0.392
GC1427	26.92	0.00	0.00	18.22	8.13	0.01	14.76	0.302
GC1428	26.92	0.00	0.00	13.37	12.75	0.01	8.91	0.474
GC1429	26.92	0.00	0.00	13.54	12.58	0.01	12.12	0.467
GC143	26.92	0.00	0.00	17.27	9.09	0.01	7.45	0.338
GC1430	26.92	0.00	0.00	17.77	8.59	0.01	9.49	0.319
GC1431	26.92	0.00	0.00	15.84	10.44	0.01	7.51	0.388
GC1432	26.92	0.00	0.00	13.20	12.92	0.01	8.40	0.480
GC1433	26.92	0.00	0.00	13.30	12.82	0.00	5.11	0.476
GC1434	26.92	0.00	0.00	13.11	13.00	0.01	6.44	0.483
GC1435	26.92	0.00	0.00	13.35	12.77	0.01	11.06	0.474
GC1436	26.92	0.00	0.00	13.26	12.85	0.01	7.74	0.478
GC1437	26.92	0.00	0.00	8.82	16.97	0.02	23.89	0.630
GC1438	26.92	0.00	0.00	7.74	17.96	0.08	72.02	0.667
GC1439	26.92	0.00	0.00	25.89	0.94	0.02	11.79	0.035
GC144	26.92	0.00	0.00	17.23	9.13	0.01	8.81	0.339
GC1440	26.92	0.00	0.00	13.16	12.95	0.01	6.55	0.481
GC1441	26.92	0.00	0.00	7.97	17.25	0.40	156.39	0.641
GC1442	26.92	0.00	0.00	17.99	8.37	0.01	14.22	0.311
GC1443	26.92	0.00	0.00	17.18	9.18	0.01	8.80	0.341
GC1444	26.92	0.00	0.00	13.26	12.85	0.01	7.38	0.478
GC1445	26.92	0.00	0.00	17.12	9.24	0.01	6.74	0.343
GC1446	26.92	0.00	0.00	13.10	13.01	0.01	6.83	0.483
GC1447	26.92	0.00	0.00	13.09	13.03	0.01	7.21	0.484
GC1448	26.92	0.00	0.00	17.08	9.28	0.01	6.19	0.345
GC1449	26.92	0.00	0.00	17.07	9.29	0.01	6.32	0.345
GC145	26.92	0.00	0.00	17.35	9.01	0.01	7.57	0.335
GC1450	26.92	0.00	0.00	13.22	12.89	0.01	6.96	0.479
GC1451	26.92	0.00	0.00	13.14	12.97	0.01	6.57	0.482
GC1452	26.92	0.00	0.00	13.41	12.70	0.01	9.34	0.472
GC1453	26.92	0.00	0.00	13.05	13.07	0.01	6.77	0.486
GC1454	26.92	0.00	0.00	7.73	17.98	0.07	67.23	0.668
GC1455	26.92	0.00	0.00	13.12	13.00	0.01	6.43	0.483
GC1456	26.92	0.00	0.00	15.89	10.39	0.01	7.48	0.386
GC1457	26.92	0.00	0.00	13.10	13.02	0.00	6.00	0.484
GC1458	26.92	0.00	0.00	13.16	12.95	0.01	6.70	0.481
GC1459	26.92	0.00	0.00	18.33	8.02	0.02	16.39	0.298
GC146	26.92	0.00	0.00	7.50	18.27	0.04	42.81	0.679
GC1460	26.92	0.00	0.00	12.95	13.16	0.00	5.46	0.489
GC1461	26.92	0.00	0.00	17.09	9.27	0.01	7.10	0.344
GC1462	26.92	0.00	0.00	16.91	9.45	0.01	7.53	0.351
GC1463	26.92	0.00	0.00	17.04	9.32	0.01	7.20	0.346
GC1464	26.92	0.00	0.00	16.97	9.39	0.01	7.37	0.349
GC1465	26.92	0.00	0.00	17.07	9.29	0.01	8.38	0.345
GC1466	26.92	0.00	0.00	17.99	8.37	0.01	12.83	0.311
GC1467	26.92	0.00	0.00	17.14	9.22	0.01	6.83	0.343
GC1468	26.92	0.00	0.00	17.20	9.16	0.01	6.75	0.340
GC1469	26.92	0.00	0.00	8.71	17.08	0.02	19.68	0.634
GC147	26.92	0.00	0.00	13.26	12.86	0.00	6.03	0.478
GC1470	26.92	0.00	0.00	17.16	9.20	0.01	8.06	0.342
GC1471	26.92	0.00	0.00	17.17	9.19	0.01	7.06	0.341
GC1472	26.92	0.00	0.00	17.35	9.01	0.01	7.84	0.335
GC1473	26.92	0.00	0.00	16.94	9.42	0.01	6.44	0.350
GC1474	26.92	0.00	0.00	17.05	9.30	0.01	6.24	0.346
GC1475	26.92	0.00	0.00	17.12	9.24	0.01	6.12	0.343
GC1476	26.92	0.00	0.00	8.71	17.07	0.02	20.31	0.634
GC1477	26.92	0.00	0.00	8.69	17.09	0.02	19.45	0.635
GC1478	26.92	0.00	0.00	8.71	17.08	0.02	19.18	0.634
GC1479	26.92	0.00	0.00	13.12	13.00	0.01	6.48	0.483
GC148	26.92	0.00	0.00	17.05	9.31	0.01	6.35	0.346
GC1480	26.92	0.00	0.00	13.33	12.78	0.01	10.40	0.475
GC1481	26.92	0.00	0.00	13.47	12.65	0.01	6.31	0.470
GC1482	26.92	0.00	0.00	8.76	17.02	0.02	20.67	0.632
GC1483	26.92	0.00	0.00	7.55	18.21	0.04	43.09	0.677
GC1484	26.92	0.00	0.00	15.78	10.50	0.01	6.47	0.390
GC1485	26.92	0.00	0.00	17.13	9.23	0.01	6.75	0.343
GC1486	26.92	0.00	0.00	18.03	8.33	0.01	13.49	0.309
GC1487	26.92	0.00	0.00	17.22	9.13	0.01	6.89	0.339
GC1488	26.92	0.00	0.00	16.93	9.43	0.01	7.66	0.350

GC1489	26.92	0.00	0.00	8.72	17.07	0.02	20.22	0.634
GC149	26.92	0.00	0.00	17.07	9.29	0.01	6.18	0.345
GC1490	26.92	0.00	0.00	7.27	18.51	0.02	20.59	0.688
GC1491	26.92	0.00	0.00	13.44	12.68	0.01	12.40	0.471
GC1492	26.92	0.00	0.00	13.23	12.88	0.01	7.41	0.479
GC1493	26.92	0.00	0.00	16.96	9.40	0.01	6.43	0.349
GC1494	26.92	0.00	0.00	17.91	8.45	0.01	12.96	0.314
GC1495	26.92	0.00	0.00	17.14	9.22	0.01	5.97	0.342
GC1496	26.92	0.00	0.00	13.12	13.00	0.01	6.46	0.483
GC1497	26.92	0.00	0.00	24.87	1.97	0.00	1.18	0.073
GC1498	26.92	0.00	0.00	17.34	9.02	0.01	7.20	0.335
GC1499	26.92	0.00	0.00	17.37	8.99	0.01	7.84	0.334
GC15	26.92	0.00	0.00	25.83	1.01	0.01	6.51	0.037
GC150	26.92	0.00	0.00	7.74	17.96	0.09	75.38	0.667
GC1500	26.92	0.00	0.00	17.96	8.39	0.01	12.82	0.312
GC1501	26.92	0.00	0.00	17.25	9.11	0.01	6.88	0.338
GC1502	26.92	0.00	0.00	17.66	8.69	0.01	10.85	0.323
GC1503	26.92	0.00	0.00	17.08	9.28	0.01	6.20	0.345
GC1504	26.92	0.00	0.00	18.03	8.32	0.01	12.95	0.309
GC1505	26.92	0.00	0.00	17.22	9.13	0.01	6.72	0.339
GC1506	26.92	0.00	0.00	13.50	12.62	0.01	13.23	0.469
GC1507	26.92	0.00	0.00	17.73	8.62	0.01	13.35	0.320
GC1508	26.92	0.00	0.00	17.64	8.71	0.01	13.77	0.324
GC1509	26.92	0.00	0.00	7.26	18.53	0.01	18.54	0.688
GC151	26.92	0.00	0.00	17.18	9.17	0.01	6.98	0.341
GC1510	26.92	0.00	0.00	13.14	12.98	0.01	6.52	0.482
GC1511	26.92	0.00	0.00	17.31	9.05	0.01	6.75	0.336
GC1512	26.92	0.00	0.00	13.14	12.98	0.01	6.41	0.482
GC1513	26.92	0.00	0.00	16.97	9.39	0.01	7.86	0.349
GC1514	26.92	0.00	0.00	7.33	18.45	0.02	25.06	0.686
GC1515	26.92	0.00	0.00	17.90	8.46	0.01	12.95	0.314
GC1516	26.92	0.00	0.00	16.96	9.40	0.01	6.43	0.349
GC1517	26.92	0.00	0.00	7.72	17.98	0.08	70.36	0.668
GC1518	26.92	0.00	0.00	17.27	9.09	0.01	6.73	0.338
GC1519	26.92	0.00	0.00	13.00	13.11	0.01	7.33	0.487
GC152	26.92	0.00	0.00	17.16	9.20	0.01	7.03	0.342
GC1520	26.92	0.00	0.00	15.90	10.38	0.01	8.25	0.385
GC1521	26.92	0.00	0.00	17.42	8.94	0.01	7.65	0.332
GC1522	26.92	0.00	0.00	17.23	9.13	0.01	6.94	0.339
GC1523	26.92	0.00	0.00	15.90	10.38	0.01	8.13	0.385
GC1524	26.92	0.00	0.00	18.18	8.17	0.01	15.63	0.304
GC1525	26.92	0.00	0.00	7.52	18.24	0.04	42.31	0.678
GC1526	26.92	0.00	0.00	15.91	10.37	0.01	7.86	0.385
GC1527	26.92	0.00	0.00	7.76	17.93	0.09	72.05	0.666
GC1528	26.92	0.00	0.00	7.57	18.19	0.05	49.65	0.676
GC1529	26.92	0.00	0.00	17.25	9.11	0.01	7.01	0.338
GC153	26.92	0.00	0.00	17.20	9.16	0.01	6.97	0.340
GC1530	26.92	0.00	0.00	15.74	10.54	0.01	7.46	0.391
GC1531	26.92	0.00	0.00	13.32	12.80	0.01	6.89	0.475
GC1532	26.92	0.00	0.00	17.22	9.14	0.01	6.93	0.339
GC1533	26.92	0.00	0.00	15.88	10.40	0.01	7.71	0.386
GC1534	26.92	0.00	0.00	13.17	12.95	0.01	6.32	0.481
GC1535	26.92	0.00	0.00	13.12	13.00	0.01	6.47	0.483
GC1536	26.92	0.00	0.00	17.28	9.08	0.01	6.50	0.337
GC1538	26.92	0.00	0.00	17.70	8.65	0.01	11.16	0.321
GC1539	26.92	0.00	0.00	17.27	9.09	0.01	9.04	0.338
GC154	26.92	0.00	0.00	17.08	9.28	0.01	7.92	0.345
GC1540	26.92	0.00	0.00	7.90	17.59	0.27	152.11	0.654
GC1541	26.92	0.00	0.00	16.04	10.24	0.01	9.18	0.381
GC1543	26.92	0.00	0.00	15.84	10.44	0.01	6.95	0.388
GC1544	26.92	0.00	0.00	17.10	9.26	0.01	6.27	0.344
GC1545	26.92	0.00	0.00	17.27	9.08	0.01	7.67	0.337
GC1546	26.92	0.00	0.00	12.99	13.12	0.01	6.96	0.488
GC1547	26.92	0.00	0.00	17.09	9.26	0.01	7.54	0.344
GC1548	26.92	0.00	0.00	16.97	9.39	0.01	8.04	0.349
GC1549	26.92	0.00	0.00	17.05	9.31	0.01	7.84	0.346
GC155	26.92	0.00	0.00	13.22	12.90	0.01	10.30	0.479
GC1550	26.92	0.00	0.00	17.01	9.35	0.01	8.00	0.347
GC1551	26.92	0.00	0.00	17.00	9.35	0.01	7.92	0.348
GC1552	26.92	0.00	0.00	18.05	8.31	0.01	12.32	0.309
GC1553	26.92	0.00	0.00	16.94	9.42	0.01	7.22	0.350
GC1554	26.92	0.00	0.00	17.42	8.94	0.01	7.98	0.332
GC1555	26.92	0.00	0.00	17.19	9.16	0.01	6.95	0.340
GC1556	26.92	0.00	0.00	17.43	8.92	0.01	7.99	0.331
GC1557	26.92	0.00	0.00	17.17	9.19	0.01	7.93	0.341

GC1558	26.92	0.00	0.00	17.76	8.60	0.01	12.14	0.320
GC1559	26.92	0.00	0.00	17.13	9.23	0.01	6.98	0.343
GC156	26.92	0.00	0.00	13.05	13.07	0.01	9.35	0.486
GC1560	26.92	0.00	0.00	15.77	10.51	0.01	6.43	0.391
GC1561	26.92	0.00	0.00	7.41	18.37	0.03	30.80	0.682
GC1562	26.92	0.00	0.00	13.19	12.93	0.01	7.14	0.480
GC1563	26.92	0.00	0.00	13.37	12.74	0.01	6.85	0.473
GC1564	26.92	0.00	0.00	13.10	13.02	0.01	6.50	0.484
GC1565	26.92	0.00	0.00	17.20	9.15	0.01	6.63	0.340
GC1567	26.92	0.00	0.00	17.20	9.16	0.01	7.19	0.340
GC1568	26.92	0.00	0.00	17.16	9.20	0.01	6.14	0.342
GC1569	26.92	0.00	0.00	17.51	8.84	0.01	8.72	0.328
GC157	26.92	0.00	0.00	17.21	9.15	0.01	7.64	0.340
GC1570	26.92	0.00	0.00	15.84	10.44	0.01	6.94	0.388
GC1571	26.92	0.00	0.00	17.43	8.93	0.01	8.44	0.332
GC1572	26.92	0.00	0.00	13.03	13.09	0.01	6.94	0.486
GC1573	26.92	0.00	0.00	17.92	8.44	0.01	14.77	0.313
GC1574	26.92	0.00	0.00	17.26	9.09	0.01	7.20	0.338
GC1575	26.92	0.00	0.00	16.04	10.24	0.01	9.54	0.381
GC1576	26.92	0.00	0.00	13.18	12.94	0.01	6.88	0.481
GC1577	26.92	0.00	0.00	13.29	12.82	0.01	7.12	0.476
GC1578	26.92	0.00	0.00	13.19	12.93	0.01	6.86	0.480
GC1579	26.92	0.00	0.00	13.20	12.92	0.01	6.83	0.480
GC158	26.92	0.00	0.00	13.64	12.48	0.01	8.62	0.463
GC1580	26.92	0.00	0.00	13.20	12.91	0.01	7.28	0.480
GC1581	26.92	0.00	0.00	13.22	12.90	0.01	6.79	0.479
GC1582	26.92	0.00	0.00	7.87	17.69	0.23	142.75	0.657
GC1583	26.92	0.00	0.00	13.19	12.93	0.01	6.86	0.480
GC1584	26.92	0.00	0.00	13.36	12.75	0.01	7.20	0.474
GC1585	26.92	0.00	0.00	24.92	1.92	0.00	2.30	0.071
GC1586	26.92	0.00	0.00	13.60	12.52	0.01	9.67	0.465
GC1587	26.92	0.00	0.00	8.68	17.11	0.02	20.83	0.636
GC1588	26.92	0.00	0.00	13.08	13.04	0.01	6.55	0.484
GC1589	26.92	0.00	0.00	13.16	12.95	0.01	6.69	0.481
GC159	26.92	0.00	0.00	13.23	12.88	0.01	6.74	0.479
GC1590	26.92	0.00	0.00	13.43	12.68	0.01	11.38	0.471
GC1591	26.92	0.00	0.00	7.59	18.17	0.05	50.70	0.675
GC1592	26.92	0.00	0.00	7.83	17.79	0.13	90.65	0.661
GC1593	26.92	0.00	0.00	17.92	8.43	0.01	12.75	0.313
GC1594	26.92	0.00	0.00	17.37	8.99	0.01	7.62	0.334
GC1595	26.92	0.00	0.00	13.37	12.74	0.01	6.88	0.473
GC1596	26.92	0.00	0.00	17.38	8.97	0.01	8.00	0.333
GC1597	26.92	0.00	0.00	16.89	9.46	0.01	7.07	0.352
GC1598	26.92	0.00	0.00	17.18	9.18	0.01	6.73	0.341
GC1599	26.92	0.00	0.00	7.39	18.40	0.03	32.45	0.683
GC16	26.92	0.00	0.00	7.95	17.35	0.42	176.01	0.644
GC160	26.92	0.00	0.00	17.51	8.85	0.01	9.34	0.329
GC1600	26.92	0.00	0.00	17.43	8.93	0.01	7.92	0.332
GC1601	26.92	0.00	0.00	8.72	17.07	0.02	19.16	0.634
GC1602	26.92	0.00	0.00	8.71	17.08	0.02	19.30	0.635
GC1603	26.92	0.00	0.00	17.18	9.18	0.01	6.01	0.341
GC1604	26.92	0.00	0.00	8.87	16.91	0.02	24.77	0.628
GC1605	26.92	0.00	0.00	17.08	9.28	0.01	6.20	0.345
GC1606	26.92	0.00	0.00	8.75	17.03	0.02	19.19	0.633
GC1607	26.92	0.00	0.00	12.67	13.44	0.02	29.01	0.499
GC1608	26.92	0.00	0.00	17.16	9.20	0.01	6.53	0.342
GC1609	26.92	0.00	0.00	13.04	13.08	0.01	6.94	0.486
GC161	26.92	0.00	0.00	17.17	9.19	0.01	6.19	0.341
GC1610	26.92	0.00	0.00	17.26	9.10	0.01	6.95	0.338
GC1611	26.92	0.00	0.00	17.01	9.35	0.01	7.85	0.347
GC1612	26.92	0.00	0.00	17.86	8.50	0.01	12.47	0.316
GC1613	26.92	0.00	0.00	7.59	18.16	0.06	63.49	0.675
GC1614	26.92	0.00	0.00	17.20	9.16	0.01	6.54	0.340
GC1615	26.92	0.00	0.00	13.12	13.00	0.01	6.46	0.483
GC1616	26.92	0.00	0.00	13.25	12.87	0.01	6.75	0.478
GC1617	26.92	0.00	0.00	13.00	13.12	0.00	6.44	0.487
GC1618	26.92	0.00	0.00	13.36	12.76	0.01	7.45	0.474
GC1619	26.92	0.00	0.00	17.92	8.43	0.01	13.10	0.313
GC162	26.92	0.00	0.00	13.42	12.69	0.01	6.73	0.472
GC1620	26.92	0.00	0.00	17.23	9.13	0.01	6.94	0.339
GC1621	26.92	0.00	0.00	15.69	10.59	0.01	6.73	0.393
GC1622	26.92	0.00	0.00	7.36	18.42	0.03	33.87	0.684
GC1623	26.92	0.00	0.00	7.29	18.49	0.02	25.68	0.687
GC1624	26.92	0.00	0.00	13.07	13.05	0.01	6.85	0.485
GC1625	26.92	0.00	0.00	17.23	9.13	0.01	7.83	0.339

GC1626	26.92	0.00	0.00	17.01	9.35	0.01	7.35	0.347
GC1628	26.92	0.00	0.00	17.24	9.11	0.01	6.48	0.339
GC1629	26.92	0.00	0.00	17.24	9.11	0.01	6.99	0.339
GC163	26.92	0.00	0.00	17.01	9.35	0.01	8.34	0.347
GC1630	26.92	0.00	0.00	25.42	1.42	0.01	6.51	0.053
GC1631	26.92	0.00	0.00	17.39	8.96	0.01	7.42	0.333
GC1632	26.92	0.00	0.00	17.06	9.29	0.01	6.68	0.345
GC1633	26.92	0.00	0.00	13.14	12.98	0.01	6.46	0.482
GC1634	26.92	0.00	0.00	16.02	10.25	0.01	7.77	0.381
GC1635	26.92	0.00	0.00	17.67	8.69	0.01	11.96	0.323
GC1636	26.92	0.00	0.00	13.04	13.08	0.01	7.09	0.486
GC1637	26.92	0.00	0.00	13.26	12.85	0.01	6.71	0.478
GC1638	26.92	0.00	0.00	17.13	9.23	0.01	6.19	0.343
GC1639	26.92	0.00	0.00	7.42	18.36	0.02	29.87	0.682
GC164	26.92	0.00	0.00	17.03	9.33	0.01	7.81	0.347
GC1640	26.92	0.00	0.00	25.62	1.22	0.01	4.07	0.045
GC1641	26.92	0.00	0.00	17.74	8.61	0.01	12.72	0.320
GC1642	26.92	0.00	0.00	7.77	17.91	0.12	96.06	0.665
GC1643	26.92	0.00	0.00	7.74	17.95	0.08	69.33	0.667
GC1644	26.92	0.00	0.00	13.37	12.75	0.01	7.82	0.474
GC1645	26.92	0.00	0.00	7.67	18.06	0.06	58.97	0.671
GC1646	26.92	0.00	0.00	13.07	13.05	0.01	6.86	0.485
GC1647	26.92	0.00	0.00	16.13	10.15	0.01	7.87	0.377
GC1648	26.92	0.00	0.00	17.32	9.04	0.01	7.50	0.336
GC1649	26.92	0.00	0.00	15.73	10.55	0.01	6.44	0.392
GC165	26.92	0.00	0.00	13.54	12.57	0.01	8.49	0.467
GC1650	26.92	0.00	0.00	17.29	9.07	0.01	9.63	0.337
GC1651	26.92	0.00	0.00	17.19	9.17	0.01	6.98	0.341
GC1652	26.92	0.00	0.00	13.14	12.98	0.01	6.44	0.482
GC1653	26.92	0.00	0.00	17.06	9.30	0.01	8.28	0.345
GC1654	26.92	0.00	0.00	17.19	9.17	0.01	7.90	0.341
GC1655	26.92	0.00	0.00	13.41	12.71	0.01	11.43	0.472
GC1656	26.92	0.00	0.00	13.08	13.04	0.00	6.12	0.484
GC1657	26.92	0.00	0.00	16.98	9.38	0.01	7.41	0.348
GC1658	26.92	0.00	0.00	17.72	8.64	0.01	12.40	0.321
GC1659	26.92	0.00	0.00	15.90	10.37	0.01	6.94	0.385
GC166	26.92	0.00	0.00	16.85	9.51	0.01	7.26	0.353
GC1660	26.92	0.00	0.00	17.37	8.99	0.01	7.56	0.334
GC1661	26.92	0.00	0.00	17.04	9.32	0.01	6.51	0.346
GC1662	26.92	0.00	0.00	13.24	12.88	0.01	8.63	0.479
GC1663	26.92	0.00	0.00	13.24	12.87	0.01	8.63	0.478
GC1664	26.92	0.00	0.00	13.21	12.91	0.01	7.91	0.480
GC1665	26.92	0.00	0.00	13.05	13.07	0.01	6.92	0.486
GC1666	26.92	0.00	0.00	17.42	8.93	0.01	9.98	0.332
GC1667	26.92	0.00	0.00	13.32	12.80	0.01	7.88	0.475
GC1668	26.92	0.00	0.00	17.21	9.15	0.01	7.79	0.340
GC1669	26.92	0.00	0.00	13.17	12.94	0.01	6.50	0.481
GC167	26.92	0.00	0.00	7.67	18.06	0.06	58.06	0.671
GC1670	26.92	0.00	0.00	13.20	12.92	0.01	6.45	0.480
GC1671	26.92	0.00	0.00	13.53	12.59	0.01	8.24	0.468
GC1672	26.92	0.00	0.00	13.07	13.05	0.00	6.17	0.485
GC1673	26.92	0.00	0.00	13.10	13.02	0.00	6.09	0.484
GC1674	26.92	0.00	0.00	17.20	9.16	0.01	7.90	0.340
GC1675	26.92	0.00	0.00	13.12	13.00	0.00	6.07	0.483
GC1676	26.92	0.00	0.00	13.06	13.06	0.00	6.18	0.485
GC1677	26.92	0.00	0.00	13.13	12.99	0.01	6.39	0.482
GC1678	26.92	0.00	0.00	13.15	12.97	0.00	6.01	0.482
GC1679	26.92	0.00	0.00	13.09	13.02	0.00	6.07	0.484
GC168	26.92	0.00	0.00	17.42	8.94	0.01	10.27	0.332
GC1680	26.92	0.00	0.00	13.19	12.92	0.00	6.07	0.480
GC1681	26.92	0.00	0.00	17.09	9.27	0.01	7.97	0.344
GC1682	26.92	0.00	0.00	17.30	9.06	0.01	9.02	0.337
GC1683	26.92	0.00	0.00	13.05	13.07	0.00	6.12	0.485
GC1684	26.92	0.00	0.00	13.10	13.02	0.01	6.53	0.484
GC1685	26.92	0.00	0.00	24.63	2.21	0.00	1.54	0.082
GC1686	26.92	0.00	0.00	13.09	13.02	0.01	6.40	0.484
GC1687	26.92	0.00	0.00	17.06	9.30	0.01	8.17	0.346
GC1688	26.92	0.00	0.00	13.75	12.36	0.01	11.90	0.459
GC169	26.92	0.00	0.00	25.91	0.93	0.02	11.22	0.035
GC1690	26.92	0.00	0.00	15.70	10.57	0.01	6.73	0.393
GC1691	26.92	0.00	0.00	17.05	9.31	0.01	7.54	0.346
GC1692	26.92	0.00	0.00	17.13	9.23	0.01	7.33	0.343
GC1693	26.92	0.00	0.00	17.03	9.33	0.01	7.55	0.347
GC1694	26.92	0.00	0.00	16.97	9.39	0.01	7.69	0.349
GC1695	26.92	0.00	0.00	13.12	13.00	0.00	6.01	0.483

GC1696	26.92	0.00	0.00	13.21	12.91	0.01	6.76	0.480
GC1697	26.92	0.00	0.00	17.11	9.25	0.01	7.33	0.344
GC1698	26.92	0.00	0.00	13.20	12.92	0.00	6.05	0.480
GC1699	26.92	0.00	0.00	7.49	18.28	0.04	40.82	0.679
GC17	26.92	0.00	0.00	7.96	17.26	0.50	194.12	0.641
GC170	26.92	0.00	0.00	17.55	8.80	0.01	8.61	0.327
GC1700	26.92	0.00	0.00	13.20	12.92	0.00	6.07	0.480
GC1701	26.92	0.00	0.00	13.13	12.98	0.00	5.83	0.482
GC1702	26.92	0.00	0.00	13.22	12.90	0.01	6.38	0.479
GC1703	26.92	0.00	0.00	13.16	12.96	0.01	6.49	0.481
GC1704	26.92	0.00	0.00	13.13	12.98	0.00	6.16	0.482
GC1705	26.92	0.00	0.00	13.16	12.96	0.01	6.50	0.482
GC1706	26.92	0.00	0.00	15.95	10.33	0.01	6.68	0.384
GC1707	26.92	0.00	0.00	17.60	8.76	0.01	13.08	0.325
GC1708	26.92	0.00	0.00	17.20	9.16	0.01	8.15	0.340
GC1709	26.92	0.00	0.00	13.19	12.93	0.01	6.97	0.480
GC171	26.92	0.00	0.00	16.83	9.53	0.01	6.66	0.354
GC1710	26.92	0.00	0.00	17.20	9.16	0.01	7.13	0.340
GC1711	26.92	0.00	0.00	7.71	18.01	0.07	64.12	0.669
GC1712	26.92	0.00	0.00	15.97	10.31	0.01	6.97	0.383
GC1713	26.92	0.00	0.00	17.01	9.35	0.01	7.27	0.347
GC1714	26.92	0.00	0.00	17.10	9.26	0.01	6.81	0.344
GC1715	26.92	0.00	0.00	17.13	9.23	0.01	8.28	0.343
GC1716	26.92	0.00	0.00	13.02	13.10	0.01	6.92	0.487
GC1717	26.92	0.00	0.00	22.02	4.37	0.36	262.07	0.162
GC1718	26.92	0.00	0.00	17.32	9.04	0.01	8.87	0.336
GC1719	26.92	0.00	0.00	17.01	9.35	0.01	6.53	0.347
GC172	26.92	0.00	0.00	17.09	9.27	0.01	6.93	0.344
GC1720	26.92	0.00	0.00	17.07	9.29	0.01	8.57	0.345
GC1721	26.92	0.00	0.00	13.08	13.03	0.01	6.44	0.484
GC1722	26.92	0.00	0.00	17.39	8.97	0.01	7.61	0.333
GC1723	26.92	0.00	0.00	17.12	9.23	0.01	7.02	0.343
GC1724	26.92	0.00	0.00	13.00	13.12	0.00	6.49	0.487
GC1725	26.92	0.00	0.00	13.64	12.47	0.01	10.50	0.463
GC1726	26.92	0.00	0.00	13.13	12.99	0.00	6.20	0.483
GC1727	26.92	0.00	0.00	17.82	8.54	0.01	12.48	0.317
GC1728	26.92	0.00	0.00	15.72	10.56	0.00	6.24	0.392
GC1729	26.92	0.00	0.00	17.12	9.23	0.01	7.02	0.343
GC173	26.92	0.00	0.00	13.18	12.93	0.01	10.19	0.480
GC1730	26.92	0.00	0.00	15.96	10.32	0.01	6.64	0.383
GC1731	26.92	0.00	0.00	12.99	13.12	0.01	6.62	0.488
GC1732	26.92	0.00	0.00	7.68	18.04	0.07	67.17	0.670
GC1733	26.92	0.00	0.00	13.66	12.46	0.01	11.99	0.463
GC1734	26.92	0.00	0.00	15.96	10.32	0.01	6.95	0.383
GC1735	26.92	0.00	0.00	13.12	13.00	0.01	6.84	0.483
GC1736	26.92	0.00	0.00	17.10	9.26	0.01	7.07	0.344
GC1737	26.92	0.00	0.00	17.01	9.34	0.01	6.71	0.347
GC1738	26.92	0.00	0.00	7.71	18.01	0.07	62.82	0.669
GC1739	26.92	0.00	0.00	7.71	18.00	0.08	68.94	0.669
GC174	26.92	0.00	0.00	13.45	12.66	0.01	7.39	0.470
GC1740	26.92	0.00	0.00	17.81	8.54	0.01	13.57	0.317
GC1741	26.92	0.00	0.00	13.08	13.03	0.01	7.87	0.484
GC1742	26.92	0.00	0.00	17.42	8.93	0.01	8.72	0.332
GC1743	26.92	0.00	0.00	13.30	12.81	0.01	7.60	0.476
GC1744	26.92	0.00	0.00	17.05	9.31	0.01	7.18	0.346
GC1745	26.92	0.00	0.00	15.90	10.38	0.01	6.15	0.386
GC1746	26.92	0.00	0.00	13.84	12.27	0.01	13.15	0.456
GC1747	26.92	0.00	0.00	17.03	9.33	0.01	7.23	0.347
GC1748	26.92	0.00	0.00	13.37	12.74	0.01	10.62	0.473
GC1749	26.92	0.00	0.00	15.85	10.43	0.01	7.65	0.388
GC175	26.92	0.00	0.00	13.27	12.85	0.00	5.99	0.477
GC1750	26.92	0.00	0.00	16.96	9.40	0.01	6.90	0.349
GC1751	26.92	0.00	0.00	13.66	12.46	0.01	11.15	0.463
GC1752	26.92	0.00	0.00	13.47	12.64	0.01	10.85	0.470
GC1753	26.92	0.00	0.00	16.36	9.92	0.01	10.41	0.368
GC1754	26.92	0.00	0.00	17.03	9.33	0.01	8.34	0.347
GC1755	26.92	0.00	0.00	13.33	12.78	0.01	10.24	0.475
GC1756	26.92	0.00	0.00	17.18	9.18	0.01	7.91	0.341
GC1757	26.92	0.00	0.00	17.10	9.26	0.01	8.08	0.344
GC1758	26.92	0.00	0.00	17.07	9.28	0.01	8.09	0.345
GC1759	26.92	0.00	0.00	17.85	8.51	0.01	12.41	0.316
GC176	26.92	0.00	0.00	17.14	9.22	0.01	7.42	0.343
GC1760	26.92	0.00	0.00	17.00	9.36	0.01	8.32	0.348
GC1761	26.92	0.00	0.00	13.48	12.63	0.01	9.50	0.469
GC1762	26.92	0.00	0.00	17.06	9.30	0.01	8.33	0.345

GC1763	26.92	0.00	0.00	17.94	8.42	0.01	12.71	0.313
GC1764	26.92	0.00	0.00	17.28	9.08	0.01	8.87	0.337
GC1765	26.92	0.00	0.00	17.87	8.49	0.01	12.85	0.315
GC1766	26.92	0.00	0.00	18.00	8.36	0.01	12.58	0.311
GC1767	26.92	0.00	0.00	17.86	8.49	0.01	12.87	0.315
GC1768	26.92	0.00	0.00	17.85	8.51	0.01	12.90	0.316
GC1769	26.92	0.00	0.00	15.85	10.42	0.01	6.24	0.387
GC177	26.92	0.00	0.00	24.83	2.01	0.00	2.68	0.075
GC1770	26.92	0.00	0.00	17.99	8.36	0.01	15.20	0.311
GC1771	26.92	0.00	0.00	17.32	9.04	0.01	8.62	0.336
GC1772	26.92	0.00	0.00	17.91	8.44	0.01	13.60	0.314
GC1773	26.92	0.00	0.00	18.14	8.21	0.01	13.99	0.305
GC1774	26.92	0.00	0.00	17.45	8.91	0.01	9.19	0.331
GC1775	26.92	0.00	0.00	25.29	1.55	0.00	3.47	0.057
GC1776	26.92	0.00	0.00	17.62	8.74	0.01	11.74	0.325
GC1777	26.92	0.00	0.00	17.96	8.39	0.01	14.63	0.312
GC1778	26.92	0.00	0.00	17.79	8.57	0.01	12.74	0.318
GC1779	26.92	0.00	0.00	17.16	9.20	0.01	9.94	0.342
GC178	26.92	0.00	0.00	7.64	18.10	0.06	61.66	0.672
GC1780	26.92	0.00	0.00	17.65	8.70	0.01	12.67	0.323
GC1781	26.92	0.00	0.00	16.88	9.48	0.01	7.92	0.352
GC1782	26.92	0.00	0.00	16.89	9.47	0.01	8.02	0.352
GC1783	26.92	0.00	0.00	16.85	9.51	0.01	8.01	0.353
GC1784	26.92	0.00	0.00	16.90	9.46	0.01	7.95	0.352
GC1785	26.92	0.00	0.00	13.20	12.91	0.01	7.00	0.480
GC1786	26.92	0.00	0.00	13.19	12.93	0.01	7.07	0.480
GC1787	26.92	0.00	0.00	16.90	9.46	0.01	7.73	0.351
GC1788	26.92	0.00	0.00	14.43	11.67	0.02	23.27	0.433
GC1789	26.92	0.00	0.00	13.16	12.96	0.01	6.85	0.481
GC179	26.92	0.00	0.00	17.10	9.25	0.01	6.44	0.344
GC1790	26.92	0.00	0.00	13.22	12.90	0.01	6.80	0.479
GC1791	26.92	0.00	0.00	13.20	12.91	0.01	6.80	0.480
GC1792	26.92	0.00	0.00	13.11	13.01	0.01	7.02	0.483
GC1793	26.92	0.00	0.00	13.22	12.90	0.01	7.18	0.479
GC1794	26.92	0.00	0.00	13.32	12.80	0.01	7.88	0.475
GC1795	26.92	0.00	0.00	13.12	13.00	0.01	6.83	0.483
GC1796	26.92	0.00	0.00	13.34	12.77	0.01	7.42	0.474
GC1797	26.92	0.00	0.00	13.34	12.78	0.01	7.87	0.475
GC1798	26.92	0.00	0.00	13.22	12.90	0.01	7.23	0.479
GC1799	26.92	0.00	0.00	13.57	12.55	0.01	13.97	0.466
GC18	26.92	0.00	0.00	7.93	17.47	0.37	177.10	0.649
GC180	26.92	0.00	0.00	17.82	8.54	0.01	12.92	0.317
GC1800	26.92	0.00	0.00	13.25	12.87	0.01	6.96	0.478
GC1801	26.92	0.00	0.00	13.20	12.92	0.01	7.46	0.480
GC1802	26.92	0.00	0.00	17.25	9.11	0.01	6.85	0.338
GC1803	26.92	0.00	0.00	17.16	9.19	0.01	7.01	0.342
GC1804	26.92	0.00	0.00	17.13	9.23	0.01	7.36	0.343
GC1805	26.92	0.00	0.00	13.65	12.46	0.01	13.14	0.463
GC1806	26.92	0.00	0.00	17.27	9.09	0.01	7.50	0.338
GC1807	26.92	0.00	0.00	17.11	9.25	0.01	7.27	0.344
GC1808	26.92	0.00	0.00	16.52	9.76	0.01	12.06	0.363
GC1809	26.92	0.00	0.00	17.78	8.57	0.01	11.48	0.319
GC181	26.92	0.00	0.00	17.36	8.99	0.01	8.49	0.334
GC1810	26.92	0.00	0.00	13.63	12.48	0.01	13.59	0.464
GC1811	26.92	0.00	0.00	14.00	12.11	0.01	14.99	0.450
GC1812	26.92	0.00	0.00	13.22	12.89	0.01	7.41	0.479
GC1813	26.92	0.00	0.00	13.22	12.90	0.01	7.49	0.479
GC1814	26.92	0.00	0.00	13.21	12.91	0.01	7.04	0.479
GC1815	26.92	0.00	0.00	13.27	12.85	0.01	7.37	0.477
GC1816	26.92	0.00	0.00	13.25	12.86	0.01	7.40	0.478
GC1817	26.92	0.00	0.00	13.42	12.70	0.01	10.12	0.472
GC1818	26.92	0.00	0.00	13.24	12.87	0.01	7.42	0.478
GC1819	26.92	0.00	0.00	17.18	9.18	0.01	9.79	0.341
GC182	26.92	0.00	0.00	7.62	18.13	0.05	52.74	0.673
GC1820	26.92	0.00	0.00	13.26	12.85	0.01	7.35	0.477
GC1821	26.92	0.00	0.00	13.82	12.29	0.01	13.12	0.457
GC1822	26.92	0.00	0.00	13.22	12.90	0.01	7.03	0.479
GC1823	26.92	0.00	0.00	13.39	12.73	0.01	8.70	0.473
GC1824	26.92	0.00	0.00	13.47	12.64	0.01	9.27	0.470
GC1825	26.92	0.00	0.00	13.45	12.67	0.01	10.41	0.471
GC1826	26.92	0.00	0.00	13.16	12.96	0.01	6.93	0.481
GC1827	26.92	0.00	0.00	13.59	12.53	0.01	10.75	0.465
GC1828	26.92	0.00	0.00	16.61	9.66	0.01	12.88	0.359
GC1829	26.92	0.00	0.00	13.19	12.93	0.01	6.90	0.480
GC183	26.92	0.00	0.00	13.38	12.73	0.01	6.74	0.473

GC1830	26.92	0.00	0.00	15.86	10.42	0.01	6.22	0.387
GC1831	26.92	0.00	0.00	17.73	8.62	0.01	11.84	0.320
GC1833	26.92	0.00	0.00	13.92	12.19	0.01	13.69	0.453
GC1834	26.92	0.00	0.00	16.29	9.99	0.01	9.89	0.371
GC1835	26.92	0.00	0.00	13.28	12.84	0.01	7.90	0.477
GC1836	26.92	0.00	0.00	13.51	12.60	0.01	10.61	0.468
GC1838	26.92	0.00	0.00	17.14	9.22	0.01	8.38	0.343
GC1839	26.92	0.00	0.00	15.90	10.38	0.01	6.41	0.386
GC184	26.92	0.00	0.00	13.24	12.87	0.01	7.80	0.478
GC1842	26.92	0.00	0.00	7.20	18.60	0.02	22.38	0.691
GC1843	26.92	0.00	0.00	7.41	18.37	0.03	40.42	0.683
GC1845_1	26.92	0.00	0.00	25.12	1.72	0.03	20.78	0.064
GC1845_3	26.92	0.00	0.00	25.03	1.80	0.04	33.09	0.067
GC1845_4	26.92	0.00	0.00	23.97	2.87	0.03	29.18	0.107
GC1846	26.92	0.00	0.00	17.75	8.61	0.01	12.31	0.320
GC1847	26.92	0.00	0.00	13.12	13.00	0.01	12.49	0.483
GC1848	26.92	0.00	0.00	13.65	12.47	0.02	19.27	0.463
GC1849	26.92	0.00	0.00	13.25	12.86	0.01	12.05	0.478
GC185	26.92	0.00	0.00	13.53	12.58	0.01	8.31	0.468
GC1850	26.92	0.00	0.00	7.75	17.95	0.10	86.23	0.667
GC1851	26.92	0.00	0.00	12.82	13.29	0.00	6.41	0.494
GC1852	26.92	0.00	0.00	12.86	13.26	0.00	6.31	0.493
GC1853	26.92	0.00	0.00	12.78	13.34	0.00	6.56	0.495
GC1854	26.92	0.00	0.00	12.87	13.25	0.00	6.27	0.492
GC1855	26.92	0.00	0.00	12.79	13.33	0.00	6.60	0.495
GC1856	26.92	0.00	0.00	12.69	13.43	0.00	6.92	0.499
GC1857	26.92	0.00	0.00	12.89	13.23	0.01	7.30	0.492
GC1858	26.92	0.00	0.00	12.76	13.36	0.01	7.77	0.496
GC1859	26.92	0.00	0.00	12.85	13.27	0.01	7.22	0.493
GC186	26.92	0.00	0.00	16.94	9.42	0.01	7.09	0.350
GC1860	26.92	0.00	0.00	17.12	9.24	0.01	8.56	0.343
GC1861	26.92	0.00	0.00	12.90	13.22	0.01	7.06	0.491
GC1862	26.92	0.00	0.00	17.21	9.15	0.01	8.19	0.340
GC1863	26.92	0.00	0.00	17.02	9.34	0.01	8.30	0.347
GC1864	26.92	0.00	0.00	17.20	9.15	0.01	9.16	0.340
GC1865	26.92	0.00	0.00	17.15	9.21	0.01	7.98	0.342
GC1866	26.92	0.00	0.00	12.99	13.12	0.01	9.07	0.488
GC1867	26.92	0.00	0.00	12.97	13.14	0.01	8.94	0.488
GC1868	26.92	0.00	0.00	17.09	9.27	0.01	8.50	0.344
GC1869	26.92	0.00	0.00	13.07	13.04	0.01	9.31	0.485
GC187	26.92	0.00	0.00	17.22	9.14	0.01	7.63	0.340
GC1870	26.92	0.00	0.00	13.08	13.04	0.01	9.32	0.484
GC1871	26.92	0.00	0.00	13.01	13.11	0.01	9.54	0.487
GC1872	26.92	0.00	0.00	13.06	13.06	0.01	9.35	0.485
GC1873	26.92	0.00	0.00	13.07	13.04	0.01	9.28	0.485
GC1874	26.92	0.00	0.00	13.00	13.12	0.01	9.58	0.487
GC1875	26.92	0.00	0.00	18.14	8.21	0.07	78.00	0.305
GC1876	26.92	0.00	0.00	13.42	12.70	0.01	17.10	0.472
GC1877	26.92	0.00	0.00	7.60	18.15	0.06	60.30	0.674
GC1878	26.92	0.00	0.00	17.08	9.28	0.01	7.96	0.345
GC1879	26.92	0.00	0.00	20.23	6.21	0.03	28.63	0.231
GC188	26.92	0.00	0.00	7.74	17.96	0.09	79.75	0.667
GC1880	26.92	0.00	0.00	13.35	12.77	0.01	14.25	0.474
GC1881	26.92	0.00	0.00	17.70	8.65	0.01	14.49	0.321
GC1882	26.92	0.00	0.00	17.02	9.34	0.01	7.46	0.347
GC1883	26.92	0.00	0.00	17.09	9.26	0.01	6.34	0.344
GC1884	26.92	0.00	0.00	16.84	9.52	0.00	5.51	0.354
GC1885	26.92	0.00	0.00	16.97	9.39	0.00	5.65	0.349
GC1886	26.92	0.00	0.00	16.91	9.45	0.00	5.86	0.351
GC1887	26.92	0.00	0.00	16.95	9.41	0.00	5.88	0.350
GC1888	26.92	0.00	0.00	16.87	9.49	0.00	5.10	0.353
GC1889	26.92	0.00	0.00	16.73	9.63	0.00	5.08	0.358
GC189	26.92	0.00	0.00	13.26	12.86	0.01	10.44	0.478
GC1890	26.92	0.00	0.00	16.75	9.61	0.00	5.09	0.357
GC1891	26.92	0.00	0.00	16.82	9.54	0.00	5.30	0.355
GC1892	26.92	0.00	0.00	16.76	9.60	0.00	5.14	0.357
GC1893	26.92	0.00	0.00	17.32	9.04	0.01	9.46	0.336
GC1894	26.92	0.00	0.00	16.84	9.52	0.00	5.56	0.354
GC1895	26.92	0.00	0.00	17.25	9.11	0.01	8.97	0.338
GC1896	26.92	0.00	0.00	17.08	9.28	0.01	8.06	0.345
GC1897	26.92	0.00	0.00	16.98	9.38	0.00	6.09	0.348
GC1898	26.92	0.00	0.00	16.89	9.47	0.00	5.69	0.352
GC1899	26.92	0.00	0.00	22.06	4.53	0.09	86.96	0.168
GC19	26.92	0.00	0.00	7.97	17.21	0.52	194.22	0.639
GC190	26.92	0.00	0.00	13.07	13.05	0.01	9.28	0.485

GC1900	26.92	0.00	0.00	16.90	9.46	0.00	5.93	0.352
GC1901	26.92	0.00	0.00	13.10	13.01	0.01	11.39	0.483
GC1902	26.92	0.00	0.00	7.47	18.30	0.04	44.83	0.680
GC1903	26.92	0.00	0.00	7.53	18.23	0.04	42.03	0.677
GC1904	26.92	0.00	0.00	17.10	9.26	0.01	6.55	0.344
GC1905	26.92	0.00	0.00	7.30	18.48	0.02	23.82	0.687
GC1906	26.92	0.00	0.00	13.00	13.12	0.01	9.19	0.488
GC1907	26.92	0.00	0.00	17.32	9.04	0.01	7.57	0.336
GC1908	26.92	0.00	0.00	16.91	9.45	0.00	5.33	0.351
GC1909	26.92	0.00	0.00	7.55	18.22	0.05	53.65	0.677
GC191	26.92	0.00	0.00	17.03	9.32	0.01	7.74	0.346
GC1910	26.92	0.00	0.00	17.09	9.27	0.01	6.89	0.344
GC1911_1	26.92	0.00	0.00	20.89	5.54	0.13	119.11	0.206
GC1911_2	26.92	0.00	0.00	20.93	5.49	0.09	81.32	0.204
GC1912	26.92	0.00	0.00	17.05	9.31	0.01	7.62	0.346
GC1913	26.92	0.00	0.00	19.22	7.22	0.01	10.38	0.268
GC1914	26.92	0.00	0.00	17.14	9.22	0.01	6.75	0.342
GC1915	26.92	0.00	0.00	17.85	8.51	0.01	15.99	0.316
GC1916	26.92	0.00	0.00	17.72	8.63	0.01	14.96	0.321
GC1917	26.92	0.00	0.00	13.11	13.00	0.01	9.46	0.483
GC1918	26.92	0.00	0.00	16.94	9.42	0.01	8.27	0.350
GC1919	26.92	0.00	0.00	17.06	9.30	0.01	7.95	0.346
GC192	26.92	0.00	0.00	13.56	12.55	0.01	7.95	0.466
GC1920	26.92	0.00	0.00	17.11	9.25	0.01	7.68	0.344
GC1921	26.92	0.00	0.00	17.03	9.33	0.01	7.09	0.347
GC1922	26.92	0.00	0.00	17.04	9.32	0.01	7.74	0.346
GC1923	26.92	0.00	0.00	17.01	9.34	0.01	8.47	0.347
GC1924	26.92	0.00	0.00	17.06	9.29	0.01	6.16	0.345
GC1925	26.92	0.00	0.00	12.92	13.20	0.01	8.98	0.490
GC1926	26.92	0.00	0.00	16.98	9.38	0.02	28.33	0.348
GC1927	26.92	0.00	0.00	17.01	9.35	0.01	6.29	0.347
GC1928	26.92	0.00	0.00	7.64	18.10	0.08	77.54	0.672
GC1929	26.92	0.00	0.00	13.16	12.96	0.01	9.94	0.481
GC193	26.92	0.00	0.00	17.43	8.93	0.01	11.06	0.332
GC1930	26.92	0.00	0.00	13.06	13.06	0.01	10.27	0.485
GC1931	26.92	0.00	0.00	13.14	12.97	0.01	9.99	0.482
GC1932	26.92	0.00	0.00	13.08	13.04	0.01	10.18	0.484
GC1933	26.92	0.00	0.00	13.10	13.02	0.01	10.12	0.484
GC1934	26.92	0.00	0.00	13.09	13.03	0.01	10.24	0.484
GC1935	26.92	0.00	0.00	18.53	7.82	0.02	26.09	0.291
GC1936	26.92	0.00	0.00	13.10	13.02	0.01	12.28	0.484
GC1937	26.92	0.00	0.00	26.16	0.68	0.03	14.96	0.025
GC1938	26.92	0.00	0.00	7.50	18.26	0.04	47.21	0.679
GC1939	26.92	0.00	0.00	17.06	9.30	0.01	7.27	0.345
GC194	26.92	0.00	0.00	13.25	12.87	0.00	6.03	0.478
GC1940	26.92	0.00	0.00	16.64	9.72	0.00	5.14	0.361
GC1941	26.92	0.00	0.00	13.07	13.05	0.01	8.58	0.485
GC1942	26.92	0.00	0.00	17.02	9.33	0.01	6.27	0.347
GC1943	26.92	0.00	0.00	17.23	9.13	0.01	6.85	0.339
GC1944	26.92	0.00	0.00	12.89	13.23	0.01	9.18	0.491
GC1945	26.92	0.00	0.00	17.15	9.21	0.01	7.29	0.342
GC1946	26.92	0.00	0.00	17.14	9.22	0.01	7.36	0.342
GC1947	26.92	0.00	0.00	17.05	9.31	0.01	7.67	0.346
GC1948	26.92	0.00	0.00	16.65	9.71	0.00	5.14	0.361
GC1949	26.92	0.00	0.00	17.17	9.19	0.01	7.42	0.341
GC195	26.92	0.00	0.00	16.83	9.52	0.01	7.11	0.354
GC1950	26.92	0.00	0.00	7.82	17.83	0.13	95.90	0.662
GC1951	26.92	0.00	0.00	17.01	9.35	0.01	6.30	0.347
GC1952	26.92	0.00	0.00	17.01	9.35	0.01	7.64	0.347
GC1953	26.92	0.00	0.00	16.90	9.46	0.00	5.76	0.351
GC1954	26.92	0.00	0.00	7.77	17.91	0.11	89.89	0.665
GC1955	26.92	0.00	0.00	7.73	17.98	0.08	68.82	0.668
GC1956	26.92	0.00	0.00	16.71	9.65	0.00	4.96	0.358
GC1957	26.92	0.00	0.00	17.09	9.27	0.01	7.21	0.344
GC1958	26.92	0.00	0.00	17.79	8.57	0.01	14.85	0.318
GC1959	26.92	0.00	0.00	17.97	8.38	0.02	16.60	0.311
GC196	26.92	0.00	0.00	17.23	9.13	0.01	6.39	0.339
GC1960	26.92	0.00	0.00	17.88	8.47	0.01	15.79	0.315
GC1961	26.92	0.00	0.00	17.00	9.35	0.01	8.39	0.348
GC1962	26.92	0.00	0.00	17.09	9.26	0.01	6.13	0.344
GC1963	26.92	0.00	0.00	12.98	13.14	0.01	8.84	0.488
GC1964	26.92	0.00	0.00	16.82	9.54	0.00	5.53	0.354
GC1965	26.92	0.00	0.00	17.17	9.18	0.01	7.25	0.341
GC1966	26.92	0.00	0.00	17.06	9.30	0.01	7.55	0.346
GC1967	26.92	0.00	0.00	16.70	9.66	0.00	4.98	0.359

GC1968	26.92	0.00	0.00	17.04	9.32	0.01	7.76	0.346
GC1969	26.92	0.00	0.00	16.83	9.52	0.00	5.85	0.354
GC197	26.92	0.00	0.00	13.48	12.64	0.01	6.73	0.470
GC1970	26.92	0.00	0.00	16.85	9.50	0.00	5.34	0.353
GC1971	26.92	0.00	0.00	13.20	12.92	0.01	12.46	0.480
GC1972	26.92	0.00	0.00	17.23	9.13	0.01	8.78	0.339
GC1973	26.92	0.00	0.00	13.10	13.02	0.01	10.11	0.484
GC1974	26.92	0.00	0.00	13.08	13.04	0.01	9.56	0.484
GC1975	26.92	0.00	0.00	13.02	13.09	0.01	9.77	0.486
GC1976	26.92	0.00	0.00	13.01	13.11	0.01	9.84	0.487
GC1977	26.92	0.00	0.00	13.04	13.08	0.01	9.72	0.486
GC1978	26.92	0.00	0.00	13.03	13.08	0.01	9.73	0.486
GC1979	26.92	0.00	0.00	13.00	13.12	0.01	9.85	0.487
GC198	26.92	0.00	0.00	16.82	9.54	0.01	6.67	0.354
GC1980	26.92	0.00	0.00	13.19	12.93	0.01	11.38	0.480
GC1981	26.92	0.00	0.00	23.16	3.43	0.45	441.96	0.127
GC1982	26.92	0.00	0.00	16.61	9.74	0.00	5.53	0.362
GC1983	26.92	0.00	0.00	16.81	9.55	0.00	5.87	0.355
GC1984	26.92	0.00	0.00	17.50	8.85	0.01	11.72	0.329
GC1985	26.92	0.00	0.00	16.90	9.46	0.00	5.25	0.351
GC1986	26.92	0.00	0.00	17.04	9.31	0.01	7.29	0.346
GC1987	26.92	0.00	0.00	13.00	13.11	0.01	8.77	0.487
GC1988	26.92	0.00	0.00	16.85	9.51	0.01	8.03	0.353
GC1989	26.92	0.00	0.00	17.17	9.19	0.01	9.19	0.341
GC199	26.92	0.00	0.00	7.71	18.00	0.08	73.79	0.669
GC1990	26.92	0.00	0.00	25.06	1.78	0.01	4.58	0.066
GC1991	26.92	0.00	0.00	16.49	9.87	0.00	4.82	0.367
GC1992	26.92	0.00	0.00	16.96	9.39	0.00	5.11	0.349
GC1993	26.92	0.00	0.00	16.88	9.48	0.00	5.71	0.352
GC1994	26.92	0.00	0.00	17.13	9.23	0.01	7.34	0.343
GC1995	26.92	0.00	0.00	17.01	9.35	0.01	7.67	0.347
GC1996	26.92	0.00	0.00	17.02	9.34	0.01	7.78	0.347
GC1997	26.92	0.00	0.00	10.24	15.62	0.03	33.60	0.580
GC1998	26.92	0.00	0.00	17.14	9.22	0.01	7.28	0.343
GC1999	26.92	0.00	0.00	16.48	9.88	0.00	4.70	0.367
GC2	26.92	0.00	0.00	26.40	0.43	0.04	21.23	0.016
GC20	26.92	0.00	0.00	13.44	12.67	0.01	8.58	0.471
GC200	26.92	0.00	0.00	13.37	12.74	0.01	6.71	0.473
GC2000	26.92	0.00	0.00	7.56	18.20	0.05	52.57	0.676
GC2001	26.92	0.00	0.00	16.93	9.43	0.00	5.18	0.350
GC2002	26.92	0.00	0.00	16.91	9.45	0.00	5.72	0.351
GC2003	26.92	0.00	0.00	12.98	13.14	0.01	8.84	0.488
GC2004	26.92	0.00	0.00	16.84	9.52	0.01	8.07	0.354
GC2005	26.92	0.00	0.00	17.97	8.38	0.02	16.78	0.311
GC2006	26.92	0.00	0.00	18.03	8.33	0.02	17.40	0.309
GC2007	26.92	0.00	0.00	13.22	12.89	0.01	13.06	0.479
GC2008	26.92	0.00	0.00	16.97	9.38	0.01	7.45	0.349
GC2009	26.92	0.00	0.00	16.78	9.58	0.00	5.56	0.356
GC201	26.92	0.00	0.00	17.17	9.19	0.01	7.09	0.342
GC2010	26.92	0.00	0.00	16.50	9.86	0.00	4.65	0.366
GC2011	26.92	0.00	0.00	19.28	7.16	0.02	17.43	0.266
GC2012	26.92	0.00	0.00	16.93	9.43	0.00	5.17	0.350
GC2013	26.92	0.00	0.00	16.78	9.58	0.00	6.14	0.356
GC2014	26.92	0.00	0.00	17.14	9.22	0.01	6.76	0.342
GC2015	26.92	0.00	0.00	17.03	9.33	0.01	7.56	0.347
GC2016	26.92	0.00	0.00	24.84	2.00	0.00	3.83	0.074
GC2017	26.92	0.00	0.00	17.01	9.34	0.01	7.66	0.347
GC2018	26.92	0.00	0.00	16.51	9.85	0.00	4.62	0.366
GC2019	26.92	0.00	0.00	17.05	9.31	0.01	7.64	0.346
GC202	26.92	0.00	0.00	17.21	9.14	0.01	7.23	0.340
GC2020	26.92	0.00	0.00	19.40	6.92	0.46	411.77	0.257
GC2021	26.92	0.00	0.00	16.89	9.47	0.00	5.51	0.352
GC2022	26.92	0.00	0.00	16.81	9.55	0.01	8.43	0.355
GC2023	26.92	0.00	0.00	12.99	13.13	0.01	8.81	0.488
GC2024	26.92	0.00	0.00	17.10	9.25	0.01	6.32	0.344
GC2025	26.92	0.00	0.00	7.63	18.12	0.06	57.60	0.673
GC2026	26.92	0.00	0.00	16.52	9.84	0.00	4.59	0.366
GC2027	26.92	0.00	0.00	17.09	9.27	0.01	7.66	0.344
GC2028	26.92	0.00	0.00	17.10	9.26	0.01	8.01	0.344
GC2029	26.92	0.00	0.00	17.07	9.29	0.01	7.22	0.345
GC203	26.92	0.00	0.00	17.08	9.28	0.01	8.70	0.345
GC2030	26.92	0.00	0.00	17.07	9.29	0.01	7.46	0.345
GC2031	26.92	0.00	0.00	17.01	9.35	0.01	6.31	0.347
GC2032	26.92	0.00	0.00	17.12	9.24	0.01	7.96	0.343
GC2033	26.92	0.00	0.00	17.18	9.18	0.01	7.17	0.341

GC2034	26.92	0.00	0.00	13.45	12.67	0.01	14.03	0.471
GC2035	26.92	0.00	0.00	20.17	6.27	0.09	86.10	0.233
GC2036	26.92	0.00	0.00	16.53	9.83	0.00	4.57	0.365
GC2037	26.92	0.00	0.00	13.19	12.93	0.01	10.06	0.480
GC2038	26.92	0.00	0.00	16.96	9.40	0.01	7.38	0.349
GC2039	26.92	0.00	0.00	17.03	9.33	0.01	6.91	0.347
GC204	26.92	0.00	0.00	13.54	12.57	0.01	8.29	0.467
GC2040	26.92	0.00	0.00	17.10	9.26	0.01	8.11	0.344
GC2041	26.92	0.00	0.00	17.08	9.28	0.01	7.90	0.345
GC2042	26.92	0.00	0.00	17.04	9.32	0.01	7.37	0.346
GC2043	26.92	0.00	0.00	17.69	8.67	0.05	50.48	0.322
GC2044	26.92	0.00	0.00	13.05	13.07	0.01	8.60	0.485
GC2045	26.92	0.00	0.00	13.05	13.07	0.01	9.11	0.485
GC2046	26.92	0.00	0.00	13.02	13.10	0.01	9.20	0.486
GC2047	26.92	0.00	0.00	13.16	12.96	0.01	10.33	0.481
GC2048	26.92	0.00	0.00	13.03	13.09	0.01	9.19	0.486
GC2049	26.92	0.00	0.00	13.04	13.08	0.01	9.17	0.486
GC205	26.92	0.00	0.00	13.28	12.84	0.01	7.72	0.477
GC2050	26.92	0.00	0.00	13.08	13.04	0.01	9.03	0.484
GC2051	26.92	0.00	0.00	13.05	13.06	0.01	9.08	0.485
GC2052	26.92	0.00	0.00	13.10	13.02	0.01	9.75	0.484
GC2053	26.92	0.00	0.00	16.51	9.85	0.00	4.60	0.366
GC2054	26.92	0.00	0.00	17.20	9.16	0.01	9.67	0.340
GC2055	26.92	0.00	0.00	17.36	9.00	0.01	7.53	0.334
GC2056	26.92	0.00	0.00	17.00	9.35	0.01	7.45	0.348
GC2057	26.92	0.00	0.00	16.95	9.41	0.01	6.43	0.350
GC2058	26.92	0.00	0.00	17.17	9.19	0.01	6.56	0.342
GC2059	26.92	0.00	0.00	16.57	9.79	0.00	4.47	0.364
GC206	26.92	0.00	0.00	7.68	18.05	0.06	62.75	0.671
GC2060	26.92	0.00	0.00	17.11	9.25	0.01	7.14	0.344
GC2061	26.92	0.00	0.00	18.37	7.98	0.02	23.25	0.297
GC2062	26.92	0.00	0.00	17.02	9.34	0.01	6.31	0.347
GC2063	26.92	0.00	0.00	7.75	17.94	0.10	86.75	0.667
GC2064	26.92	0.00	0.00	7.63	18.11	0.06	64.35	0.673
GC2065	26.92	0.00	0.00	16.92	9.44	0.01	7.46	0.351
GC2066	26.92	0.00	0.00	13.03	13.08	0.01	8.65	0.486
GC2067	26.92	0.00	0.00	17.26	9.10	0.01	6.72	0.338
GC2068	26.92	0.00	0.00	17.14	9.21	0.01	9.28	0.342
GC2069	26.92	0.00	0.00	16.78	9.58	0.00	5.68	0.356
GC207	26.92	0.00	0.00	26.80	0.02	0.02	11.94	0.001
GC2070	26.92	0.00	0.00	19.45	6.98	0.03	24.63	0.259
GC2071	26.92	0.00	0.00	16.93	9.43	0.01	6.31	0.350
GC2072	26.92	0.00	0.00	16.76	9.60	0.00	5.90	0.357
GC2073	26.92	0.00	0.00	17.01	9.34	0.01	6.55	0.347
GC2074	26.92	0.00	0.00	16.93	9.43	0.01	7.55	0.350
GC2075	26.92	0.00	0.00	17.20	9.15	0.01	7.61	0.340
GC2076	26.92	0.00	0.00	17.20	9.16	0.01	6.50	0.340
GC2077	26.92	0.00	0.00	17.16	9.20	0.01	8.94	0.342
GC2078	26.92	0.00	0.00	16.72	9.64	0.00	4.80	0.358
GC2079	26.92	0.00	0.00	17.09	9.27	0.01	7.18	0.344
GC208	26.92	0.00	0.00	17.28	9.08	0.01	8.80	0.337
GC2080	26.92	0.00	0.00	17.37	8.98	0.01	8.20	0.334
GC2081	26.92	0.00	0.00	16.82	9.54	0.00	5.75	0.354
GC2082	26.92	0.00	0.00	17.22	9.14	0.01	7.59	0.339
GC2083	26.92	0.00	0.00	13.02	13.09	0.01	8.68	0.486
GC2084	26.92	0.00	0.00	17.07	9.29	0.01	6.34	0.345
GC2085	26.92	0.00	0.00	17.14	9.22	0.01	7.09	0.343
GC2086	26.92	0.00	0.00	17.04	9.32	0.01	6.35	0.346
GC2087	26.92	0.00	0.00	16.86	9.50	0.01	8.89	0.353
GC2088	26.92	0.00	0.00	16.83	9.53	0.00	5.29	0.354
GC2089	26.92	0.00	0.00	17.12	9.24	0.01	8.30	0.343
GC209	26.92	0.00	0.00	16.96	9.40	0.01	7.60	0.349
GC2090	26.92	0.00	0.00	16.97	9.39	0.01	6.50	0.349
GC2091	26.92	0.00	0.00	12.95	13.17	0.01	6.90	0.489
GC2092	26.92	0.00	0.00	16.99	9.37	0.01	6.77	0.348
GC2093	26.92	0.00	0.00	17.05	9.31	0.01	6.63	0.346
GC2094	26.92	0.00	0.00	12.84	13.28	0.00	6.46	0.493
GC2095	26.92	0.00	0.00	12.90	13.22	0.00	6.28	0.491
GC2096	26.92	0.00	0.00	12.90	13.21	0.00	6.26	0.491
GC2097	26.92	0.00	0.00	12.81	13.30	0.00	6.54	0.494
GC2098	26.92	0.00	0.00	17.10	9.26	0.01	6.49	0.344
GC2099	26.92	0.00	0.00	12.82	13.30	0.01	7.44	0.494
GC21	26.92	0.00	0.00	13.56	12.55	0.01	7.42	0.466
GC210	26.92	0.00	0.00	17.17	9.19	0.01	6.61	0.341
GC2100	26.92	0.00	0.00	16.75	9.61	0.00	5.21	0.357

GC2101	26.92	0.00	0.00	17.23	9.13	0.01	8.89	0.339
GC2102	26.92	0.00	0.00	17.09	9.27	0.01	7.97	0.344
GC2103	26.92	0.00	0.00	17.01	9.35	0.01	7.76	0.347
GC2104	26.92	0.00	0.00	17.02	9.34	0.01	7.74	0.347
GC2105	26.92	0.00	0.00	17.06	9.30	0.01	8.84	0.346
GC2106	26.92	0.00	0.00	17.19	9.17	0.01	8.00	0.340
GC2107	26.92	0.00	0.00	17.01	9.35	0.01	7.60	0.347
GC2108	26.92	0.00	0.00	17.07	9.29	0.01	7.45	0.345
GC2109	26.92	0.00	0.00	16.95	9.41	0.01	7.74	0.349
GC211	26.92	0.00	0.00	18.07	8.29	0.01	12.66	0.308
GC2110	26.92	0.00	0.00	16.95	9.41	0.01	7.75	0.350
GC2111	26.92	0.00	0.00	17.15	9.20	0.01	7.96	0.342
GC2112	26.92	0.00	0.00	17.13	9.22	0.01	8.26	0.343
GC2113	26.92	0.00	0.00	16.88	9.48	0.01	8.46	0.352
GC2114	26.92	0.00	0.00	16.82	9.54	0.00	6.14	0.354
GC2115	26.92	0.00	0.00	17.05	9.31	0.01	7.26	0.346
GC2116	26.92	0.00	0.00	13.10	13.02	0.01	9.33	0.484
GC2117	26.92	0.00	0.00	10.72	15.12	0.14	132.28	0.562
GC2118	26.92	0.00	0.00	16.65	9.71	0.00	4.97	0.361
GC2119	26.92	0.00	0.00	17.03	9.33	0.01	6.28	0.347
GC212	26.92	0.00	0.00	13.26	12.85	0.00	6.01	0.478
GC2120	26.92	0.00	0.00	17.03	9.33	0.01	8.22	0.347
GC2121	26.92	0.00	0.00	17.24	9.12	0.01	8.66	0.339
GC2122	26.92	0.00	0.00	16.52	9.84	0.00	4.51	0.366
GC2123	26.92	0.00	0.00	16.93	9.43	0.01	8.78	0.350
GC2124	26.92	0.00	0.00	18.39	7.97	0.02	25.33	0.296
GC2125	26.92	0.00	0.00	16.51	9.85	0.00	4.53	0.366
GC2126	26.92	0.00	0.00	17.17	9.19	0.01	7.83	0.341
GC2127	26.92	0.00	0.00	16.99	9.37	0.00	5.92	0.348
GC2128	26.92	0.00	0.00	16.56	9.80	0.00	4.41	0.364
GC2129	26.92	0.00	0.00	16.73	9.63	0.00	5.22	0.358
GC213	26.92	0.00	0.00	25.15	1.69	0.00	1.88	0.063
GC2130	26.92	0.00	0.00	7.65	18.09	0.06	64.52	0.672
GC2131	26.92	0.00	0.00	16.91	9.45	0.01	8.15	0.351
GC2132	26.92	0.00	0.00	17.02	9.34	0.01	7.34	0.347
GC2133	26.92	0.00	0.00	7.88	17.68	0.19	115.40	0.657
GC2134	26.92	0.00	0.00	7.51	18.25	0.04	45.99	0.678
GC2135	26.92	0.00	0.00	17.24	9.12	0.01	8.03	0.339
GC2136	26.92	0.00	0.00	16.62	9.74	0.00	4.55	0.362
GC2137	26.92	0.00	0.00	17.36	9.00	0.01	8.39	0.334
GC2138	26.92	0.00	0.00	16.62	9.74	0.00	4.55	0.362
GC2139	26.92	0.00	0.00	17.00	9.35	0.01	9.14	0.347
GC214	26.92	0.00	0.00	17.17	9.19	0.01	6.58	0.341
GC2140	26.92	0.00	0.00	16.70	9.66	0.00	4.49	0.359
GC2141	26.92	0.00	0.00	8.69	17.17	0.06	69.86	0.638
GC2142	26.92	0.00	0.00	17.19	9.17	0.01	8.00	0.340
GC2143	26.92	0.00	0.00	17.04	9.31	0.01	7.96	0.346
GC2144	26.92	0.00	0.00	16.74	9.62	0.00	4.45	0.357
GC2145	26.92	0.00	0.00	16.88	9.48	0.00	5.30	0.352
GC2146	26.92	0.00	0.00	16.92	9.44	0.00	5.94	0.351
GC2147	26.92	0.00	0.00	17.02	9.34	0.01	7.16	0.347
GC2148	26.92	0.00	0.00	16.98	9.38	0.01	7.95	0.348
GC2149	26.92	0.00	0.00	16.98	9.38	0.01	7.86	0.348
GC215	26.92	0.00	0.00	16.96	9.39	0.01	7.03	0.349
GC2150	26.92	0.00	0.00	16.64	9.72	0.00	4.11	0.361
GC2151	26.92	0.00	0.00	18.89	7.45	0.04	36.56	0.277
GC2152	26.92	0.00	0.00	17.19	9.17	0.01	10.57	0.341
GC2153	26.92	0.00	0.00	16.93	9.43	0.01	7.57	0.350
GC2154	26.92	0.00	0.00	7.07	18.73	0.01	15.46	0.696
GC2155	26.92	0.00	0.00	17.11	9.24	0.01	8.96	0.343
GC2156	26.92	0.00	0.00	12.98	13.14	0.01	7.44	0.488
GC2157	26.92	0.00	0.00	7.86	17.72	0.15	95.67	0.658
GC2158	26.92	0.00	0.00	16.65	9.71	0.00	4.02	0.361
GC2159	26.92	0.00	0.00	7.91	17.56	0.25	132.33	0.652
GC216	26.92	0.00	0.00	17.32	9.03	0.01	7.42	0.336
GC2160	26.92	0.00	0.00	13.00	13.12	0.01	7.35	0.487
GC2161	26.92	0.00	0.00	16.96	9.40	0.01	7.85	0.349
GC2162	26.92	0.00	0.00	7.47	18.30	0.04	42.15	0.680
GC2163	26.92	37.82	0.00	41.25	17.65	0.42	68.90	0.273
GC2164	26.92	0.00	0.00	12.91	13.21	0.01	6.92	0.491
GC2165	26.92	0.00	0.00	12.92	13.20	0.01	7.38	0.490
GC2166	26.92	0.00	0.00	9.97	15.90	0.01	14.54	0.591
GC2167	26.92	0.00	0.00	12.95	13.17	0.01	7.11	0.489
GC2168	26.92	0.00	0.00	12.85	13.27	0.00	6.63	0.493
GC2169	26.92	0.00	0.00	13.02	13.10	0.01	8.17	0.487

GC217	26.92	0.00	0.00	13.49	12.63	0.01	12.54	0.469
GC2170	26.92	0.00	0.00	12.95	13.17	0.01	7.36	0.489
GC2171	26.92	0.00	0.00	12.99	13.12	0.01	8.04	0.488
GC2172	26.92	0.00	0.00	12.99	13.13	0.01	8.00	0.488
GC2173	26.92	0.00	0.00	12.96	13.16	0.01	8.16	0.489
GC2174	26.92	0.00	0.00	12.88	13.24	0.01	7.37	0.492
GC2175	26.92	0.00	0.00	12.98	13.14	0.01	8.11	0.488
GC2176	26.92	0.00	0.00	12.97	13.15	0.01	7.91	0.488
GC2177	26.92	0.00	0.00	13.01	13.11	0.01	7.77	0.487
GC2178	26.92	0.00	0.00	12.92	13.20	0.01	8.08	0.490
GC2179	26.92	0.00	0.00	12.90	13.22	0.01	8.11	0.491
GC218	26.92	0.00	0.00	17.09	9.27	0.01	6.20	0.344
GC2180	26.92	0.00	0.00	16.98	9.38	0.00	5.25	0.348
GC2181	26.92	0.00	0.00	13.06	13.05	0.01	9.63	0.485
GC2182	26.92	0.00	0.00	7.46	18.31	0.03	36.84	0.680
GC2183	26.92	0.00	0.00	18.15	8.20	0.02	19.49	0.305
GC2184	26.92	0.00	0.00	16.99	9.37	0.01	7.60	0.348
GC2185	26.92	0.00	0.00	19.03	7.41	0.01	5.67	0.275
GC2186	26.92	0.00	0.00	17.48	8.88	0.01	9.19	0.330
GC2187	26.92	0.00	0.00	16.88	9.48	0.00	5.44	0.352
GC2188	26.92	0.00	0.00	10.43	15.42	0.04	41.99	0.573
GC2189	26.92	0.00	0.00	10.92	14.90	0.13	118.84	0.554
GC219	26.92	0.00	0.00	13.22	12.90	0.01	10.55	0.479
GC2190	26.92	0.00	0.00	16.95	9.41	0.01	7.52	0.350
GC2191	26.92	0.00	0.00	17.08	9.28	0.01	7.23	0.345
GC2192	26.92	0.00	0.00	10.03	15.84	0.01	12.72	0.588
GC2193	26.92	0.00	0.00	9.96	15.91	0.01	13.11	0.591
GC2194	26.92	0.00	0.00	10.03	15.84	0.01	12.73	0.589
GC2195	26.92	0.00	0.00	10.14	15.72	0.02	24.41	0.584
GC2196	26.92	0.00	0.00	10.10	15.77	0.02	17.36	0.586
GC2197	26.92	0.00	0.00	10.12	15.74	0.02	19.68	0.585
GC2198	26.92	0.00	0.00	7.57	18.19	0.05	56.42	0.676
GC22	26.92	0.00	0.00	17.12	9.24	0.01	7.37	0.343
GC220	26.92	0.00	0.00	13.09	13.03	0.01	9.21	0.484
GC2200	26.92	0.00	0.00	16.58	9.78	0.00	4.14	0.363
GC2201	26.92	0.00	0.00	17.05	9.31	0.01	9.74	0.346
GC2202	26.92	0.00	0.00	16.84	9.52	0.01	8.20	0.354
GC2203	26.92	0.00	0.00	17.26	9.10	0.01	8.48	0.338
GC2204	26.92	0.00	0.00	17.57	8.79	0.01	12.20	0.326
GC2205	26.92	0.00	0.00	16.69	9.67	0.00	4.47	0.359
GC2206	26.92	0.00	0.00	10.02	15.85	0.01	13.94	0.589
GC2207	26.92	0.00	0.00	16.82	9.54	0.01	7.65	0.354
GC2208	26.92	0.00	0.00	17.55	8.81	0.01	10.42	0.327
GC2209	26.92	0.00	0.00	16.60	9.76	0.00	4.65	0.363
GC221	26.92	0.00	0.00	13.57	12.55	0.01	7.94	0.466
GC2210	26.92	0.00	0.00	17.36	8.99	0.01	7.50	0.334
GC2211	26.92	0.00	0.00	16.74	9.62	0.01	7.57	0.358
GC2212	26.92	0.00	0.00	16.94	9.42	0.01	7.54	0.350
GC2213	26.92	0.00	0.00	16.82	9.54	0.00	5.18	0.354
GC2214	26.92	0.00	0.00	16.26	10.02	0.01	7.06	0.372
GC2215	26.92	0.00	0.00	7.68	18.04	0.07	70.49	0.670
GC2216	26.92	0.00	0.00	16.75	9.60	0.01	7.49	0.357
GC2217	26.92	0.00	0.00	17.00	9.36	0.00	5.98	0.348
GC2218	26.92	0.00	0.00	16.80	9.47	0.01	10.61	0.352
GC2219	26.92	0.00	0.00	17.00	9.36	0.01	6.97	0.348
GC222	26.92	0.00	0.00	13.37	12.75	0.01	6.90	0.474
GC2220	26.92	0.00	0.00	16.13	10.15	0.01	6.15	0.377
GC2221	26.92	0.00	0.00	16.78	9.58	0.01	7.41	0.356
GC2222	26.92	0.00	0.00	16.84	9.51	0.00	5.10	0.353
GC2223	26.92	0.00	0.00	16.20	10.08	0.01	5.85	0.374
GC2224	26.92	0.00	0.00	16.28	10.00	0.01	6.38	0.371
GC2225	26.92	0.00	0.00	16.28	9.99	0.01	6.38	0.371
GC2226	26.92	0.00	0.00	16.68	9.68	0.00	5.15	0.360
GC2227	26.92	0.00	0.00	16.16	10.12	0.01	6.71	0.376
GC2228	26.92	0.00	0.00	17.22	9.14	0.01	11.57	0.339
GC2229	26.92	0.00	0.00	17.02	9.34	0.01	7.43	0.347
GC223	26.92	0.00	0.00	13.35	12.77	0.01	6.87	0.474
GC2230	26.92	0.00	0.00	17.00	9.36	0.01	7.15	0.348
GC2231	26.92	0.00	0.00	16.84	9.52	0.00	5.12	0.354
GC2232	26.92	0.00	0.00	16.21	10.07	0.01	6.57	0.374
GC2233	26.92	0.00	0.00	16.95	9.41	0.01	7.23	0.350
GC2234	26.92	0.00	0.00	16.83	9.53	0.01	7.27	0.354
GC2235	26.92	0.00	0.00	16.58	9.78	0.00	4.60	0.363
GC2236	26.92	0.00	0.00	17.46	8.90	0.01	9.56	0.331
GC2237	26.92	0.00	0.00	18.48	7.87	0.02	25.80	0.292

GC2238	26.92	0.00	0.00	16.61	9.75	0.00	4.50	0.362
GC2239	26.92	0.00	0.00	16.63	9.73	0.00	4.48	0.361
GC224	26.92	0.00	0.00	17.07	9.28	0.01	7.70	0.345
GC2240	26.92	0.00	0.00	16.82	9.54	0.00	5.22	0.354
GC2241	26.92	0.00	0.00	17.07	9.29	0.01	7.21	0.345
GC2242	26.92	0.00	0.00	16.78	9.58	0.00	5.30	0.356
GC2243_1	26.92	0.00	0.00	13.15	12.96	0.03	34.01	0.482
GC2243_2	26.92	0.00	0.00	14.03	12.07	0.02	22.68	0.449
GC2244	26.92	0.00	0.00	7.50	18.27	0.04	41.90	0.679
GC2245	26.92	0.00	0.00	17.31	9.05	0.01	7.60	0.336
GC2246	26.92	0.00	0.00	7.46	18.31	0.03	36.62	0.680
GC2247	26.92	0.00	0.00	17.25	9.11	0.01	7.39	0.338
GC2248	26.92	0.00	0.00	16.84	9.52	0.01	7.23	0.354
GC2249	26.92	0.00	0.00	16.61	9.66	0.01	11.18	0.359
GC225	26.92	0.00	0.00	16.80	9.55	0.01	7.18	0.355
GC2250	26.92	0.00	0.00	17.01	9.35	0.00	6.03	0.347
GC2251	26.92	0.00	0.00	17.03	9.32	0.01	7.71	0.346
GC2252	26.92	0.00	0.00	16.99	9.37	0.01	7.18	0.348
GC2253	26.92	0.00	0.00	16.80	9.56	0.01	7.33	0.355
GC2254	26.92	0.00	0.00	16.22	10.06	0.01	6.42	0.374
GC2255	26.92	0.00	0.00	17.53	8.82	0.01	10.54	0.328
GC2256	26.92	0.00	0.00	17.00	9.35	0.01	7.08	0.347
GC2257	26.92	0.00	0.00	17.01	9.35	0.01	7.35	0.347
GC2258	26.92	0.00	0.00	17.02	9.34	0.01	9.10	0.347
GC2259	26.92	0.00	0.00	16.83	9.53	0.01	6.44	0.354
GC226	26.92	0.00	0.00	7.92	17.54	0.34	174.53	0.652
GC2260	26.92	0.00	0.00	16.90	9.46	0.01	7.49	0.351
GC2261	26.92	0.00	0.00	16.15	10.13	0.01	6.53	0.376
GC2262	26.92	0.00	0.00	17.19	9.16	0.01	10.27	0.340
GC2263	26.92	0.00	0.00	7.43	18.35	0.03	32.34	0.682
GC2264	26.92	0.00	0.00	16.93	9.43	0.01	7.39	0.350
GC2265	26.92	0.00	0.00	16.16	10.12	0.01	6.71	0.376
GC2266	26.92	0.00	0.00	17.04	9.32	0.01	7.81	0.346
GC2267	26.92	0.00	0.00	19.95	6.49	0.02	15.77	0.241
GC2268	26.92	0.00	0.00	17.12	9.24	0.01	8.39	0.343
GC2269	26.92	0.00	0.00	16.94	9.42	0.01	7.20	0.350
GC227	26.92	0.00	0.00	16.89	9.47	0.01	6.51	0.352
GC2270	26.92	0.00	0.00	16.13	10.15	0.01	6.43	0.377
GC2271	26.92	0.00	0.00	16.04	10.24	0.01	6.60	0.380
GC2272	26.92	0.00	0.00	16.94	9.42	0.00	6.10	0.350
GC2273	26.92	0.00	0.00	16.92	9.44	0.01	9.55	0.351
GC2274	26.92	0.00	0.00	16.63	9.64	0.06	60.81	0.358
GC2275	26.92	0.00	0.00	16.98	9.38	0.01	7.67	0.348
GC2276	26.92	0.00	0.00	17.42	8.93	0.01	11.19	0.332
GC2277	26.92	0.00	0.00	16.25	10.03	0.01	6.37	0.373
GC2278	26.92	0.00	0.00	17.03	9.33	0.01	10.87	0.347
GC2279	26.92	0.00	0.00	16.97	9.39	0.01	7.43	0.349
GC228	26.92	0.00	0.00	16.85	9.51	0.01	7.40	0.353
GC2280	26.92	0.00	0.00	16.10	10.18	0.01	6.60	0.378
GC2281	26.92	0.00	0.00	17.52	8.84	0.01	9.60	0.328
GC2282	26.92	0.00	0.00	16.16	10.11	0.01	6.49	0.376
GC2283	26.92	0.00	0.00	16.16	10.12	0.01	6.50	0.376
GC2284	26.92	0.00	0.00	16.91	9.45	0.01	6.75	0.351
GC2285	26.92	0.00	0.00	18.10	8.26	0.05	55.06	0.307
GC2286	26.92	0.00	0.00	16.84	9.52	0.01	7.12	0.354
GC2287	26.92	0.00	0.00	17.11	9.25	0.01	7.06	0.344
GC2288	26.92	0.00	0.00	7.49	18.28	0.04	41.13	0.679
GC2289	26.92	0.00	0.00	17.05	9.31	0.01	7.35	0.346
GC229	26.92	0.00	0.00	13.54	12.57	0.01	8.35	0.467
GC2290	26.92	0.00	0.00	16.85	9.51	0.01	8.46	0.353
GC2291	26.92	0.00	0.00	16.20	10.08	0.01	6.45	0.375
GC2292	26.92	0.00	0.00	17.10	9.26	0.01	7.06	0.344
GC2293	26.92	0.00	0.00	17.05	9.31	0.01	7.35	0.346
GC2294_1	26.92	0.00	0.00	12.89	13.23	0.01	18.76	0.491
GC2294_3	26.92	0.00	0.00	13.17	12.94	0.02	27.96	0.481
GC2294_4	26.92	0.00	0.00	13.37	12.75	0.03	35.43	0.474
GC2294_5	26.92	0.00	0.00	12.99	13.13	0.02	21.73	0.488
GC2295	26.92	0.00	0.00	16.13	10.15	0.01	6.55	0.377
GC2296	26.92	0.00	0.00	17.55	8.80	0.01	10.25	0.327
GC2297	26.92	0.00	0.00	16.25	10.03	0.01	6.36	0.373
GC2298	26.92	0.00	0.00	16.17	10.11	0.01	6.49	0.376
GC2299	26.92	0.00	0.00	16.91	9.45	0.01	6.95	0.351
GC23	26.92	0.00	0.00	17.00	9.36	0.01	6.95	0.348
GC230	26.92	0.00	0.00	13.20	12.92	0.01	7.87	0.480
GC2300	26.92	0.00	0.00	17.04	9.31	0.01	7.54	0.346

GC2301	26.92	0.00	0.00	17.28	9.08	0.01	10.61	0.337
GC2302	26.92	0.00	0.00	17.51	8.85	0.01	10.99	0.329
GC2303	26.92	0.00	0.00	17.01	9.35	0.01	7.58	0.347
GC2304	26.92	0.00	0.00	16.24	10.03	0.01	6.38	0.373
GC2305	26.92	0.00	0.00	16.76	9.59	0.01	8.68	0.356
GC2306	26.92	0.00	0.00	16.95	9.41	0.01	7.94	0.349
GC2307	26.92	0.00	0.00	16.17	10.10	0.01	7.13	0.375
GC2308	26.92	0.00	0.00	16.09	10.19	0.01	6.62	0.379
GC2309	26.92	0.00	0.00	16.15	10.13	0.01	6.52	0.376
GC231	26.92	0.00	0.00	17.36	8.99	0.01	7.62	0.334
GC2310	26.92	0.00	0.00	16.98	9.37	0.01	7.65	0.348
GC2311	26.92	0.00	0.00	7.53	18.24	0.04	41.16	0.678
GC2312	26.92	0.00	0.00	16.90	9.46	0.01	6.96	0.351
GC2313	26.92	0.00	0.00	16.97	9.39	0.01	7.94	0.349
GC2314	26.92	0.00	0.00	16.03	10.25	0.01	6.06	0.381
GC2315	26.92	0.00	0.00	17.62	8.73	0.01	11.13	0.324
GC2316	26.92	0.00	0.00	17.02	9.34	0.01	7.55	0.347
GC2317	26.92	0.00	0.00	19.70	6.58	1.24	890.37	0.244
GC2318	26.92	0.00	0.00	17.00	9.36	0.01	6.95	0.348
GC2319	26.92	0.00	0.00	16.93	9.42	0.01	7.52	0.350
GC232	26.92	0.00	0.00	13.30	12.82	0.01	10.24	0.476
GC2320	26.92	0.00	0.00	17.31	9.05	0.01	11.04	0.336
GC2321	26.92	0.00	0.00	17.42	8.94	0.01	11.42	0.332
GC2322	26.92	0.00	0.00	17.11	9.24	0.01	6.98	0.343
GC2323	26.92	0.00	0.00	7.41	18.37	0.03	34.22	0.682
GC2324	26.92	0.00	0.00	17.14	9.22	0.01	7.74	0.342
GC2325	26.92	0.00	0.00	16.89	9.47	0.01	7.91	0.352
GC2326	26.92	0.00	0.00	16.15	10.13	0.01	5.87	0.376
GC2327	26.92	0.00	0.00	16.07	10.21	0.01	6.00	0.379
GC2328_1	26.92	0.00	0.00	9.10	16.69	1.28	1107.72	0.620
GC2328_2	26.92	0.00	0.00	9.05	16.76	0.90	844.40	0.623
GC2329	26.92	0.00	0.00	16.16	10.12	0.01	7.16	0.376
GC233	26.92	0.00	0.00	13.19	12.93	0.01	10.55	0.480
GC2330	26.92	0.00	0.00	12.93	13.18	0.00	5.92	0.490
GC2331	26.92	0.00	0.00	17.01	9.35	0.01	6.95	0.347
GC2332	26.92	0.00	0.00	17.17	9.19	0.01	8.22	0.342
GC2333	26.92	0.00	0.00	16.91	9.45	0.01	7.89	0.351
GC2334	26.92	0.00	0.00	16.12	10.16	0.01	6.58	0.377
GC2335	26.92	0.00	0.00	7.49	18.28	0.04	51.55	0.679
GC2336	26.92	0.00	0.00	17.47	8.88	0.01	10.16	0.330
GC2337	26.92	0.00	0.00	13.15	12.97	0.01	6.28	0.482
GC2339	26.92	0.00	0.00	17.06	9.30	0.01	7.46	0.345
GC234	26.92	0.00	0.00	13.19	12.93	0.01	10.55	0.480
GC2340	26.92	0.00	0.00	16.09	10.18	0.01	5.96	0.378
GC2341	26.92	0.00	0.00	7.89	17.64	0.21	121.99	0.655
GC2342	26.92	0.00	0.00	16.18	10.09	0.01	7.11	0.375
GC2343	26.92	0.00	0.00	17.01	9.35	0.01	7.59	0.347
GC2344	26.92	0.00	0.00	17.04	9.32	0.01	7.30	0.346
GC2345	26.92	0.00	0.00	13.09	13.02	0.00	6.23	0.484
GC2346	26.92	0.00	0.00	16.74	9.53	0.01	11.54	0.354
GC2347	26.92	0.00	0.00	16.07	10.21	0.01	6.00	0.379
GC2348	26.92	0.00	0.00	7.55	18.21	0.04	47.54	0.677
GC2349	26.92	0.00	0.00	17.03	9.33	0.01	7.79	0.346
GC235	26.92	0.00	0.00	13.18	12.94	0.01	10.58	0.481
GC2350	26.92	0.00	0.00	16.12	10.15	0.01	5.91	0.377
GC2351	26.92	0.00	0.00	13.19	12.93	0.00	6.15	0.480
GC2352	26.92	0.00	0.00	17.04	9.31	0.01	7.50	0.346
GC2353	26.92	0.00	0.00	16.25	10.03	0.01	7.00	0.373
GC2354	26.92	0.00	0.00	17.12	9.24	0.01	7.03	0.343
GC2355	26.92	0.00	0.00	16.05	10.22	0.01	6.02	0.380
GC2356	26.92	0.00	0.00	17.03	9.33	0.01	7.32	0.346
GC2357	26.92	0.00	0.00	13.21	12.90	0.01	6.25	0.479
GC2358	26.92	0.00	0.00	16.95	9.41	0.01	8.09	0.349
GC2359	26.92	0.00	0.00	20.99	5.44	0.21	195.52	0.202
GC236	26.92	0.00	0.00	13.32	12.80	0.01	13.78	0.475
GC2360	26.92	0.00	0.00	17.23	9.13	0.01	7.65	0.339
GC2361	26.92	0.00	0.00	16.15	10.13	0.01	5.87	0.376
GC2362	26.92	0.00	0.00	16.00	10.28	0.01	6.12	0.382
GC2363	26.92	0.00	0.00	13.65	12.46	0.05	60.69	0.463
GC2364	26.92	0.00	0.00	13.23	12.88	0.01	7.52	0.479
GC2365	26.92	0.00	0.00	13.10	13.02	0.01	6.49	0.484
GC2366	26.92	0.00	0.00	16.18	10.10	0.01	7.12	0.375
GC2367	26.92	0.00	0.00	13.68	12.43	0.06	64.73	0.462
GC2368	26.92	0.00	0.00	16.02	10.25	0.01	6.08	0.381
GC2369	26.92	0.00	0.00	17.15	9.21	0.01	7.88	0.342

GC237	26.92	0.00	0.00	13.38	12.74	0.01	6.88	0.473
GC2370	26.92	0.00	0.00	17.03	9.32	0.01	7.31	0.346
GC2372	26.92	0.00	0.00	13.07	13.04	0.01	6.89	0.485
GC2373	26.92	0.00	0.00	16.09	10.19	0.01	6.62	0.378
GC2374	26.92	0.00	0.00	16.12	10.16	0.01	6.57	0.377
GC2375	26.92	0.00	0.00	17.07	9.29	0.01	6.78	0.345
GC2376	26.92	0.00	0.00	13.22	12.89	0.01	7.09	0.479
GC2377	26.92	0.00	0.00	17.24	9.12	0.01	7.55	0.339
GC2378	26.92	0.00	0.00	13.20	12.92	0.01	7.52	0.480
GC2379	26.92	0.00	0.00	13.19	12.93	0.00	5.84	0.480
GC238	26.92	0.00	0.00	16.96	9.40	0.01	7.12	0.349
GC2380	26.92	0.00	0.00	16.19	10.09	0.01	5.82	0.375
GC2381	26.92	0.00	0.00	16.16	10.11	0.01	7.14	0.376
GC2382	26.92	0.00	0.00	17.04	9.32	0.01	7.20	0.346
GC2384	26.92	0.00	0.00	17.05	9.31	0.01	7.27	0.346
GC2385	26.92	0.00	0.00	16.13	10.14	0.01	6.54	0.377
GC2386	26.92	0.00	0.00	13.21	12.90	0.01	7.39	0.479
GC2387	26.92	0.00	0.00	16.15	10.12	0.01	6.51	0.376
GC2388	26.92	0.00	0.00	16.97	9.38	0.01	7.36	0.349
GC2389	26.92	0.00	0.00	17.29	9.07	0.01	7.92	0.337
GC239	26.92	0.00	0.00	17.14	9.22	0.01	6.09	0.342
GC2390	26.92	0.00	0.00	13.27	12.84	0.01	7.34	0.477
GC2392	26.92	0.00	0.00	7.37	18.42	0.02	29.40	0.684
GC2393	26.92	0.00	0.00	16.20	10.08	0.01	6.44	0.374
GC2394	26.92	0.00	0.00	17.23	9.13	0.01	7.04	0.339
GC2395	26.92	0.00	0.00	17.31	9.05	0.01	7.40	0.336
GC2396	26.92	0.00	0.00	16.22	10.05	0.01	7.04	0.374
GC2397	26.92	0.00	0.00	13.27	12.84	0.01	7.27	0.477
GC2398	26.92	0.00	0.00	17.11	9.24	0.01	7.13	0.343
GC2399	26.92	0.00	0.00	17.15	9.21	0.01	6.52	0.342
GC24	26.92	0.00	0.00	17.07	9.29	0.01	6.87	0.345
GC240	26.92	0.00	0.00	16.95	9.40	0.01	7.04	0.349
GC2400	26.92	0.00	0.00	16.21	10.06	0.01	6.41	0.374
GC2401	26.92	0.00	0.00	16.05	10.23	0.01	6.69	0.380
GC2403	26.92	0.00	0.00	13.26	12.86	0.01	7.28	0.478
GC2404	26.92	0.00	0.00	16.16	10.11	0.01	6.48	0.376
GC2405	26.92	0.00	0.00	17.22	9.14	0.01	8.31	0.339
GC2406	26.92	0.00	0.00	17.03	9.33	0.01	6.96	0.347
GC2407	26.92	0.00	0.00	13.51	12.60	0.01	8.02	0.468
GC2409	26.92	0.00	0.00	17.06	9.29	0.01	6.93	0.345
GC241	26.92	0.00	0.00	16.95	9.41	0.01	6.43	0.349
GC2410	26.92	0.00	0.00	16.24	10.04	0.01	7.01	0.373
GC2411	26.92	0.00	0.00	13.65	12.46	0.05	60.29	0.463
GC2412	26.92	0.00	0.00	17.32	9.04	0.01	7.40	0.336
GC2413	26.92	0.00	0.00	7.49	18.28	0.03	38.73	0.679
GC2414	26.92	0.00	0.00	16.14	10.14	0.01	6.42	0.377
GC2415	26.92	0.00	0.00	16.10	10.17	0.01	6.48	0.378
GC2416	26.92	0.00	0.00	13.42	12.69	0.01	8.00	0.472
GC2417	26.92	0.00	0.00	16.15	10.13	0.01	5.85	0.376
GC2419	26.92	0.00	0.00	20.35	6.08	0.05	47.02	0.226
GC242	26.92	0.00	0.00	16.90	9.46	0.01	6.60	0.351
GC2420	26.92	0.00	0.00	17.21	9.14	0.01	7.54	0.340
GC2421	26.92	0.00	0.00	16.22	10.05	0.01	6.37	0.373
GC2422	26.92	0.00	0.00	17.16	9.20	0.01	8.46	0.342
GC2423	26.92	0.00	0.00	7.32	18.47	0.02	25.29	0.686
GC2424	26.92	0.00	0.00	20.14	6.29	0.02	22.44	0.234
GC2425	26.92	0.00	0.00	17.18	9.17	0.01	7.67	0.341
GC2427	26.92	0.00	0.00	17.14	9.22	0.01	6.69	0.343
GC2428	26.92	0.00	0.00	13.61	12.51	0.01	11.01	0.465
GC2429	26.92	0.00	0.00	17.26	9.10	0.01	7.57	0.338
GC243	26.92	0.00	0.00	16.96	9.40	0.01	6.40	0.349
GC2430	26.92	0.00	0.00	16.18	10.10	0.01	7.14	0.375
GC2432	26.92	0.00	0.00	16.62	9.66	0.01	9.91	0.359
GC2433	26.92	0.00	0.00	17.16	9.20	0.01	6.64	0.342
GC2434	26.92	0.00	0.00	16.95	9.40	0.01	8.38	0.349
GC2435	26.92	0.00	0.00	13.69	12.43	0.01	12.00	0.462
GC2436	26.92	0.00	0.00	17.19	9.17	0.01	7.66	0.341
GC2437	26.92	0.00	0.00	13.28	12.84	0.01	7.07	0.477
GC2438	26.92	0.00	0.00	13.46	12.65	0.01	8.59	0.470
GC2439	26.92	0.00	0.00	13.44	12.67	0.01	8.53	0.471
GC244	26.92	0.00	0.00	17.43	8.93	0.01	10.20	0.332
GC2441	26.92	0.00	0.00	17.38	8.97	0.01	8.26	0.333
GC2442	26.92	0.00	0.00	16.12	10.16	0.01	6.58	0.377
GC2443	26.92	0.00	0.00	16.11	10.17	0.01	6.60	0.378
GC2444	26.92	0.00	0.00	16.26	10.01	0.01	6.98	0.372

GC2445	26.92	0.00	0.00	13.36	12.76	0.01	8.45	0.474
GC2446	26.92	0.00	0.00	16.17	10.11	0.01	7.03	0.376
GC2447	26.92	0.00	0.00	17.14	9.21	0.01	6.79	0.342
GC2448	26.92	0.00	0.00	16.19	10.09	0.01	6.34	0.375
GC2449	26.92	0.00	0.00	16.02	10.25	0.01	6.68	0.381
GC245	26.92	0.00	0.00	17.24	9.11	0.01	6.58	0.339
GC2450	26.92	0.00	0.00	16.62	9.65	0.01	9.99	0.359
GC2451	26.92	0.00	0.00	7.63	18.12	0.06	56.86	0.673
GC2452	26.92	0.00	0.00	17.06	9.29	0.01	8.08	0.345
GC2453	26.92	0.00	0.00	17.14	9.22	0.01	6.78	0.342
GC2454	26.92	0.00	0.00	13.42	12.70	0.01	8.15	0.472
GC2455	26.92	0.00	0.00	17.04	9.32	0.01	8.01	0.346
GC2456	26.92	0.00	0.00	16.12	10.15	0.01	6.61	0.377
GC2457	26.92	0.00	0.00	15.88	10.39	0.01	7.23	0.386
GC2458	26.92	0.00	0.00	16.96	9.40	0.01	7.03	0.349
GC2459	26.92	0.00	0.00	16.18	10.10	0.01	8.83	0.375
GC246	26.92	0.00	0.00	13.38	12.74	0.01	13.94	0.473
GC2460	26.92	0.00	0.00	16.45	9.83	0.01	8.04	0.365
GC2461	26.92	0.00	0.00	16.65	9.62	0.01	8.40	0.358
GC2462	26.92	0.00	0.00	13.69	12.42	0.01	11.64	0.461
GC2463	26.92	0.00	0.00	13.61	12.51	0.01	10.55	0.465
GC2464	26.92	0.00	0.00	7.43	18.35	0.03	36.13	0.682
GC2465	26.92	0.00	0.00	13.42	12.69	0.01	12.27	0.472
GC2466	26.92	0.00	0.00	16.21	10.06	0.01	6.06	0.374
GC2467	26.92	0.00	0.00	16.16	10.12	0.01	7.18	0.376
GC2468	26.92	0.00	0.00	13.16	12.96	0.01	8.98	0.481
GC2469	26.92	0.00	0.00	13.15	12.97	0.01	9.07	0.482
GC247	26.92	0.00	0.00	13.46	12.66	0.01	7.78	0.470
GC2470	26.92	0.00	0.00	13.20	12.91	0.01	8.93	0.480
GC2471	26.92	0.00	0.00	13.59	12.53	0.01	10.56	0.465
GC2472	26.92	0.00	0.00	13.18	12.93	0.01	8.98	0.480
GC2473	26.92	0.00	0.00	13.19	12.93	0.01	8.97	0.480
GC2474	26.92	0.00	0.00	13.16	12.96	0.01	9.04	0.481
GC2475	26.92	0.00	0.00	16.31	9.96	0.01	6.27	0.370
GC2476	26.92	0.00	0.00	16.02	10.26	0.01	6.08	0.381
GC2477	26.92	0.00	0.00	16.17	10.10	0.01	5.84	0.375
GC2478	26.92	0.00	0.00	16.19	10.09	0.01	5.81	0.375
GC2479	26.92	0.00	0.00	16.30	9.98	0.01	6.81	0.371
GC248	26.92	0.00	0.00	17.72	8.63	0.01	10.37	0.321
GC2480	26.92	0.00	0.00	16.35	9.93	0.01	6.85	0.369
GC2481	26.92	0.00	0.00	16.27	10.01	0.01	6.97	0.372
GC2482	26.92	0.00	0.00	16.22	10.06	0.01	7.05	0.374
GC2483	26.92	0.00	0.00	13.17	12.95	0.01	9.71	0.481
GC2484	26.92	0.00	0.00	13.73	12.38	0.01	12.75	0.460
GC2485	26.92	0.00	0.00	7.31	18.48	0.02	26.89	0.686
GC2486	26.92	0.00	0.00	7.32	18.46	0.02	24.20	0.686
GC2487	26.92	0.00	0.00	7.58	18.17	0.05	50.10	0.675
GC2488	26.92	0.00	0.00	16.11	10.17	0.01	6.72	0.378
GC2489	26.92	0.00	0.00	13.67	12.44	0.01	11.63	0.462
GC249	26.92	0.00	0.00	17.02	9.34	0.01	6.60	0.347
GC2490	26.92	0.00	0.00	16.46	9.82	0.01	7.72	0.365
GC2491	26.92	0.00	0.00	12.84	13.28	0.01	7.85	0.493
GC2492	26.92	0.00	0.00	7.71	18.00	0.09	78.06	0.669
GC2493	26.92	0.00	0.00	12.95	13.17	0.00	6.64	0.489
GC2494	26.92	0.00	0.00	13.43	12.68	0.01	12.55	0.471
GC2495	26.92	0.00	0.00	16.94	9.34	0.01	10.78	0.347
GC2496	26.92	0.00	0.00	16.78	9.49	0.01	10.33	0.353
GC2497	26.92	0.00	0.00	13.79	12.32	0.01	14.55	0.458
GC2498	26.92	0.00	0.00	13.07	13.05	0.01	9.10	0.485
GC2499	26.92	0.00	0.00	16.16	10.12	0.01	6.84	0.376
GC25	26.92	0.00	0.00	17.39	8.97	0.01	7.52	0.333
GC250	26.92	0.00	0.00	17.99	8.36	0.01	14.73	0.311
GC2500	26.92	0.00	0.00	13.03	13.09	0.01	7.28	0.486
GC2501	26.92	0.00	0.00	16.18	10.10	0.01	6.30	0.375
GC2502	26.92	0.00	0.00	16.17	10.10	0.01	6.44	0.375
GC2503	26.92	0.00	0.00	16.63	9.65	0.01	9.59	0.358
GC2504	26.92	0.00	0.00	13.38	12.74	0.01	8.93	0.473
GC2505	26.92	0.00	0.00	12.89	13.23	0.01	7.91	0.492
GC2506	26.92	0.00	0.00	13.06	13.06	0.01	9.36	0.485
GC2507	26.92	0.00	0.00	13.12	12.99	0.01	9.14	0.483
GC2508	26.92	0.00	0.00	12.99	13.13	0.01	9.59	0.488
GC2509	26.92	0.00	0.00	13.14	12.98	0.01	9.10	0.482
GC251	26.92	0.00	0.00	13.34	12.78	0.01	6.96	0.475
GC2510	26.92	0.00	0.00	12.98	13.14	0.01	7.65	0.488
GC2511	26.92	0.00	0.00	13.13	12.99	0.01	9.13	0.482

GC2512	26.92	0.00	0.00	13.07	13.05	0.01	9.57	0.485
GC2513	26.92	0.00	0.00	16.05	10.23	0.01	6.70	0.380
GC2514	26.92	0.00	0.00	16.21	10.07	0.01	6.42	0.374
GC2515	26.92	0.00	0.00	16.14	10.14	0.01	6.53	0.377
GC2516	26.92	0.00	0.00	16.11	10.17	0.01	6.58	0.378
GC2517	26.92	0.00	0.00	16.12	10.16	0.01	6.57	0.377
GC2518	26.92	0.00	0.00	16.19	10.08	0.01	6.44	0.375
GC2519	26.92	0.00	0.00	16.15	10.13	0.01	6.52	0.376
GC252	26.92	0.00	0.00	17.04	9.31	0.01	6.24	0.346
GC2520	26.92	0.00	0.00	7.74	17.97	0.07	64.92	0.667
GC2521	26.92	0.00	0.00	16.22	10.05	0.01	6.55	0.373
GC2522	26.92	0.00	0.00	13.97	12.13	0.01	14.59	0.451
GC2523	26.92	0.00	0.00	16.82	9.45	0.01	10.28	0.351
GC2524	26.92	0.00	0.00	7.75	17.95	0.09	78.55	0.667
GC2525	26.92	0.00	0.00	14.03	12.07	0.02	18.15	0.448
GC2526	26.92	0.00	0.00	7.42	18.36	0.03	32.09	0.682
GC2527	26.92	0.00	0.00	26.09	0.74	0.02	9.52	0.028
GC2528	26.92	0.00	0.00	9.35	16.40	0.39	355.30	0.609
GC2529	26.92	0.00	0.00	9.45	16.28	0.36	314.83	0.605
GC253	26.92	0.00	0.00	13.38	12.73	0.01	6.90	0.473
GC2530	26.92	0.00	0.00	7.75	17.95	0.08	71.19	0.667
GC2531	26.92	0.00	0.00	9.53	16.21	0.39	335.91	0.602
GC2532	26.92	0.00	0.00	8.88	16.96	0.18	194.83	0.630
GC2533	26.92	0.00	0.00	20.87	5.55	0.19	178.75	0.206
GC2534	26.92	0.00	0.00	4.84	20.78	0.13	153.01	0.772
GC254	26.92	0.00	0.00	17.31	9.04	0.01	6.82	0.336
GC255	26.92	0.00	0.00	17.37	8.99	0.01	7.68	0.334
GC256	26.92	0.00	0.00	17.13	9.23	0.01	8.14	0.343
GC257	26.92	0.00	0.00	17.06	9.30	0.01	6.88	0.346
GC258	26.92	0.00	0.00	13.37	12.74	0.01	11.26	0.473
GC259	26.92	0.00	0.00	17.19	9.16	0.01	7.81	0.340
GC26	26.92	0.00	0.00	24.78	2.06	0.00	1.95	0.077
GC260	26.92	0.00	0.00	13.12	12.99	0.01	10.03	0.483
GC261	26.92	0.00	0.00	13.61	12.51	0.01	8.12	0.465
GC262	26.92	0.00	0.00	13.21	12.91	0.01	7.95	0.480
GC263	26.92	0.00	0.00	13.28	12.84	0.00	5.99	0.477
GC264	26.92	0.00	0.00	16.84	9.51	0.01	7.53	0.353
GC265	26.92	0.00	0.00	16.90	9.46	0.01	6.49	0.352
GC266	26.92	0.00	0.00	17.25	9.11	0.01	7.50	0.338
GC267	26.92	0.00	0.00	17.23	9.13	0.01	9.86	0.339
GC268	26.92	0.00	0.00	17.21	9.14	0.01	6.67	0.340
GC269	26.92	0.00	0.00	13.32	12.80	0.01	6.84	0.475
GC27	26.92	0.00	0.00	13.49	12.63	0.01	12.80	0.469
GC270	26.92	0.00	0.00	17.04	9.32	0.01	6.47	0.346
GC271	26.92	0.00	0.00	13.39	12.72	0.01	6.87	0.473
GC272	26.92	0.00	0.00	17.82	8.53	0.01	13.47	0.317
GC273	26.92	0.00	0.00	13.38	12.74	0.01	6.88	0.473
GC275	26.92	0.00	0.00	13.25	12.86	0.00	6.02	0.478
GC276	26.92	0.00	0.00	17.11	9.25	0.01	7.47	0.343
GC277	26.92	0.00	0.00	13.47	12.64	0.01	7.23	0.470
GC278	26.92	0.00	0.00	13.20	12.92	0.01	6.71	0.480
GC279	26.92	0.00	0.00	17.19	9.17	0.01	7.60	0.341
GC28	26.92	0.00	0.00	13.41	12.70	0.01	12.99	0.472
GC280	26.92	0.00	0.00	17.02	9.34	0.01	6.90	0.347
GC281	26.92	0.00	0.00	16.88	9.47	0.01	6.58	0.352
GC282	26.92	0.00	0.00	13.34	12.77	0.01	7.22	0.475
GC283	26.92	0.00	0.00	7.61	18.14	0.06	59.25	0.674
GC284	26.92	0.00	0.00	17.14	9.22	0.01	6.65	0.342
GC285	26.92	0.00	0.00	7.59	18.17	0.05	55.83	0.675
GC286	26.92	0.00	0.00	17.11	9.25	0.01	6.22	0.344
GC287	26.92	0.00	0.00	7.66	18.08	0.06	60.90	0.672
GC288	26.92	0.00	0.00	13.37	12.75	0.01	6.91	0.474
GC289	26.92	0.00	0.00	17.02	9.34	0.01	6.21	0.347
GC29	26.92	0.00	0.00	13.97	12.14	0.01	11.42	0.451
GC290	26.92	0.00	0.00	17.48	8.87	0.01	11.35	0.330
GC291	26.92	0.00	0.00	13.49	12.63	0.01	8.09	0.469
GC292	26.92	0.00	0.00	13.26	12.86	0.00	6.02	0.478
GC293	26.92	0.00	0.00	7.77	17.91	0.09	76.80	0.665
GC294	26.92	0.00	0.00	13.49	12.63	0.01	7.19	0.469
GC295	26.92	0.00	0.00	17.19	9.17	0.01	7.54	0.341
GC296	26.92	0.00	0.00	13.22	12.89	0.01	7.00	0.479
GC297	26.92	0.00	0.00	17.25	9.11	0.01	9.28	0.338
GC298	26.92	0.00	0.00	17.20	9.16	0.01	8.56	0.340
GC299	26.92	0.00	0.00	13.31	12.80	0.01	6.93	0.476
GC3	26.92	0.00	0.00	26.45	0.39	0.04	19.95	0.014

GC30	26.92	0.00	0.00	13.83	12.28	0.01	11.02	0.456
GC300	26.92	0.00	0.00	17.26	9.09	0.01	9.42	0.338
GC301	26.92	0.00	0.00	17.23	9.13	0.01	8.35	0.339
GC302	26.92	0.00	0.00	17.11	9.25	0.01	6.68	0.344
GC303	26.92	0.00	0.00	17.80	8.55	0.01	13.53	0.318
GC304	26.92	0.00	0.00	17.09	9.27	0.01	7.57	0.344
GC305	26.92	0.00	0.00	17.03	9.33	0.01	6.33	0.346
GC306	26.92	0.00	0.00	17.03	9.33	0.01	6.27	0.347
GC307	26.92	0.00	0.00	17.20	9.16	0.01	6.31	0.340
GC308	26.92	0.00	0.00	17.09	9.27	0.01	7.15	0.344
GC309	26.92	0.00	0.00	17.40	8.96	0.01	9.57	0.333
GC31	26.92	0.00	0.00	13.69	12.43	0.01	8.76	0.462
GC310_1	26.92	0.00	0.00	7.47	18.30	0.03	36.56	0.680
GC310_2	26.92	0.00	0.00	7.78	17.89	0.10	80.69	0.664
GC311	26.92	0.00	0.00	17.13	9.23	0.01	6.68	0.343
GC312	26.92	0.00	0.00	17.00	9.36	0.01	6.95	0.348
GC313	26.92	0.00	0.00	16.90	9.46	0.01	7.22	0.351
GC314	26.92	0.00	0.00	16.98	9.38	0.01	7.02	0.348
GC315	26.92	0.00	0.00	17.11	9.25	0.01	6.73	0.343
GC316	26.92	0.00	0.00	16.95	9.40	0.01	7.25	0.349
GC317	26.92	0.00	0.00	13.34	12.78	0.01	6.96	0.475
GC318	26.92	0.00	0.00	7.64	18.11	0.05	54.41	0.673
GC319	26.92	0.00	0.00	17.94	8.42	0.01	12.92	0.313
GC32	26.92	0.00	0.00	13.24	12.88	0.00	6.07	0.479
GC320	26.92	0.00	0.00	13.39	12.72	0.01	7.59	0.473
GC321	26.92	0.00	0.00	18.04	8.32	0.02	17.40	0.309
GC322	26.92	0.00	0.00	17.59	8.77	0.01	9.79	0.326
GC323	26.92	0.00	0.00	13.53	12.58	0.01	7.85	0.468
GC324	26.92	0.00	0.00	25.53	1.30	0.01	6.08	0.048
GC325	26.92	0.00	0.00	17.30	9.05	0.01	7.04	0.336
GC326	26.92	0.00	0.00	13.56	12.55	0.01	7.95	0.466
GC327	26.92	0.00	0.00	16.90	9.46	0.01	6.49	0.351
GC328	26.92	0.00	0.00	17.27	9.09	0.01	9.37	0.338
GC329	26.92	0.00	0.00	25.53	1.31	0.01	4.60	0.049
GC33	26.92	0.00	0.00	14.25	11.86	0.02	16.64	0.440
GC330	26.92	0.00	0.00	13.47	12.64	0.01	8.81	0.470
GC331	26.92	0.00	0.00	16.99	9.37	0.01	6.38	0.348
GC332	26.92	0.00	0.00	17.40	8.96	0.01	9.95	0.333
GC333	26.92	0.00	0.00	17.43	8.93	0.01	8.19	0.332
GC334	26.92	0.00	0.00	17.00	9.36	0.01	6.91	0.348
GC335	26.92	0.00	0.00	17.07	9.29	0.01	7.02	0.345
GC336	26.92	0.00	0.00	16.83	9.52	0.01	7.37	0.354
GC337	26.92	0.00	0.00	16.86	9.50	0.01	6.82	0.353
GC338	26.92	0.00	0.00	13.67	12.44	0.01	9.81	0.462
GC339	26.92	0.00	0.00	16.87	9.49	0.01	7.00	0.353
GC34	26.92	0.00	0.00	13.64	12.47	0.01	8.01	0.463
GC340	26.92	0.00	0.00	16.92	9.44	0.01	6.88	0.351
GC341	26.92	0.00	0.00	16.87	9.49	0.01	6.36	0.353
GC342	26.92	0.00	0.00	16.93	9.43	0.01	7.45	0.350
GC343	26.92	0.00	0.00	16.93	9.43	0.01	6.84	0.350
GC344	26.92	0.00	0.00	16.99	9.37	0.01	6.69	0.348
GC345	26.92	0.00	0.00	16.98	9.37	0.01	6.70	0.348
GC346	26.92	0.00	0.00	16.82	9.54	0.01	7.43	0.354
GC347	26.92	0.00	0.00	16.80	9.55	0.01	6.80	0.355
GC348	26.92	0.00	0.00	16.85	9.51	0.01	7.20	0.353
GC349	26.92	0.00	0.00	17.08	9.28	0.01	6.15	0.345
GC35	26.92	0.00	0.00	13.64	12.47	0.01	7.83	0.463
GC350	26.92	0.00	0.00	16.87	9.49	0.01	7.44	0.352
GC351	26.92	0.00	0.00	16.83	9.53	0.01	7.24	0.354
GC352	26.92	0.00	0.00	16.88	9.47	0.01	6.93	0.352
GC353	26.92	0.00	0.00	17.11	9.25	0.01	6.75	0.343
GC354	26.92	0.00	0.00	16.80	9.56	0.01	7.25	0.355
GC355	26.92	0.00	0.00	7.38	18.40	0.03	33.10	0.683
GC356	26.92	0.00	0.00	7.40	18.38	0.02	27.73	0.683
GC357	26.92	0.00	0.00	16.97	9.39	0.01	6.39	0.349
GC358	26.92	0.00	0.00	7.72	17.99	0.08	68.20	0.668
GC359	26.92	0.00	0.00	17.20	9.15	0.01	6.93	0.340
GC36	26.92	0.00	0.00	13.71	12.40	0.01	8.30	0.461
GC360	26.92	0.00	0.00	16.85	9.50	0.01	6.82	0.353
GC361	26.92	0.00	0.00	17.19	9.16	0.01	6.57	0.340
GC362	26.92	0.00	0.00	16.91	9.45	0.01	6.55	0.351
GC363	26.92	0.00	0.00	17.54	8.81	0.01	8.93	0.327
GC364	26.92	0.00	0.00	7.70	18.01	0.07	61.29	0.669
GC365	26.92	0.00	0.00	16.92	9.44	0.01	6.66	0.351
GC366	26.92	0.00	0.00	16.84	9.52	0.01	6.80	0.354

GC367	26.92	0.00	0.00	17.00	9.36	0.01	6.59	0.348
GC368	26.92	0.00	0.00	17.02	9.34	0.01	6.96	0.347
GC369	26.92	0.00	0.00	13.45	12.66	0.01	6.78	0.470
GC37	26.92	0.00	0.00	13.89	12.22	0.01	10.96	0.454
GC370	26.92	0.00	0.00	7.64	18.10	0.06	59.92	0.672
GC371	26.92	0.00	0.00	17.00	9.36	0.01	6.43	0.348
GC372	26.92	0.00	0.00	14.02	12.09	0.02	21.92	0.449
GC373	26.92	0.00	0.00	17.26	9.10	0.01	9.69	0.338
GC374	26.92	0.00	0.00	17.03	9.33	0.01	6.74	0.347
GC375	26.92	0.00	0.00	17.75	8.61	0.01	11.87	0.320
GC376	26.92	0.00	0.00	16.80	9.56	0.01	6.74	0.355
GC378	26.92	0.00	0.00	17.40	8.96	0.01	10.23	0.333
GC379	26.92	0.00	0.00	24.44	2.39	0.00	2.24	0.089
GC38	26.92	0.00	0.00	13.60	12.51	0.01	7.71	0.465
GC380	26.92	0.00	0.00	7.39	18.39	0.03	32.08	0.683
GC381	26.92	0.00	0.00	7.80	17.86	0.14	106.64	0.664
GC382	26.92	0.00	0.00	17.09	9.27	0.01	6.74	0.344
GC383	26.92	0.00	0.00	17.34	9.02	0.01	8.41	0.335
GC384	26.92	0.00	0.00	17.48	8.88	0.01	9.82	0.330
GC385	26.92	0.00	0.00	17.06	9.30	0.01	6.20	0.345
GC386	26.92	0.00	0.00	18.15	8.20	0.02	17.73	0.305
GC387	26.92	0.00	0.00	17.03	9.33	0.01	7.04	0.347
GC388	26.92	0.00	0.00	17.59	8.76	0.01	9.98	0.326
GC389	26.92	0.00	0.00	17.01	9.34	0.01	6.48	0.347
GC39	26.92	0.00	0.00	13.62	12.49	0.01	10.20	0.464
GC390	26.92	0.00	0.00	13.47	12.64	0.01	6.73	0.470
GC391	26.92	0.00	0.00	17.12	9.24	0.01	6.16	0.343
GC392	26.92	0.00	0.00	13.35	12.77	0.01	6.95	0.474
GC393	26.92	0.00	0.00	16.94	9.42	0.01	7.00	0.350
GC394	26.92	0.00	0.00	16.84	9.52	0.01	7.07	0.354
GC395	26.92	0.00	0.00	16.91	9.45	0.01	6.53	0.351
GC396	26.92	0.00	0.00	17.15	9.21	0.01	6.37	0.342
GC397	26.92	0.00	0.00	16.75	9.60	0.01	6.97	0.357
GC398	26.92	0.00	0.00	16.83	9.53	0.01	6.97	0.354
GC399	26.92	0.00	0.00	20.25	6.35	0.00	2.54	0.236
GC4	26.92	0.00	0.00	25.50	1.34	0.01	7.17	0.050
GC40	26.92	0.00	0.00	14.12	11.98	0.01	14.40	0.445
GC400	26.92	0.00	0.00	17.00	9.36	0.01	6.77	0.348
GC401	26.92	0.00	0.00	20.12	6.48	0.00	2.40	0.241
GC402	26.92	0.00	0.00	20.01	6.59	0.00	2.49	0.245
GC403	26.92	0.00	0.00	19.94	6.66	0.00	2.61	0.247
GC404	26.92	0.00	0.00	19.92	6.68	0.00	2.66	0.248
GC405	26.92	0.00	0.00	19.94	6.66	0.00	2.62	0.247
GC406	26.92	0.00	0.00	20.00	6.60	0.00	2.51	0.245
GC407	26.92	0.00	0.00	20.09	6.51	0.00	2.36	0.242
GC408	26.92	0.00	0.00	20.08	6.52	0.00	2.37	0.242
GC409	26.92	0.00	0.00	20.07	6.53	0.00	2.39	0.243
GC41	26.92	0.00	0.00	25.50	1.34	0.01	5.36	0.050
GC410	26.92	0.00	0.00	20.03	6.57	0.00	2.46	0.244
GC411	26.92	0.00	0.00	20.05	6.55	0.00	2.42	0.243
GC412	26.92	0.00	0.00	13.56	12.56	0.01	8.54	0.466
GC413	26.92	0.00	0.00	20.15	6.45	0.00	2.25	0.240
GC414	26.92	0.00	0.00	17.58	8.77	0.01	11.74	0.326
GC415	26.92	0.00	0.00	20.11	6.49	0.00	2.50	0.241
GC416	26.92	0.00	0.00	17.21	9.15	0.01	7.31	0.340
GC417	26.92	0.00	0.00	20.34	6.26	0.00	2.90	0.233
GC418	26.92	0.00	0.00	16.94	9.42	0.01	6.51	0.350
GC419	26.92	0.00	0.00	16.93	9.43	0.01	7.60	0.350
GC42	26.92	0.00	0.00	17.15	9.21	0.01	7.14	0.342
GC420	26.92	0.00	0.00	20.32	6.28	0.00	3.91	0.233
GC421	26.92	0.00	0.00	17.15	9.21	0.01	6.09	0.342
GC422	26.92	0.00	0.00	13.66	12.45	0.01	8.76	0.463
GC423	26.92	0.00	0.00	13.43	12.68	0.01	7.43	0.471
GC424	26.92	0.00	0.00	13.37	12.75	0.01	6.91	0.474
GC425	26.92	0.00	0.00	17.25	9.10	0.01	7.69	0.338
GC426	26.92	0.00	0.00	17.11	9.24	0.01	6.11	0.343
GC427	26.92	0.00	0.00	13.58	12.53	0.01	7.92	0.466
GC428	26.92	0.00	0.00	25.64	1.20	0.01	8.41	0.045
GC429	26.92	0.00	0.00	21.05	5.38	0.08	72.29	0.200
GC43	26.92	0.00	0.00	14.93	11.14	0.07	66.36	0.414
GC430	26.92	0.00	0.00	13.33	12.78	0.01	6.13	0.475
GC432	26.92	0.00	0.00	17.51	8.85	0.01	9.87	0.329
GC433	26.92	0.00	0.00	16.92	9.44	0.01	6.78	0.351
GC434	26.92	0.00	0.00	16.81	9.54	0.01	6.87	0.355
GC435	26.92	0.00	0.00	17.24	9.11	0.01	6.55	0.339

GC436	26.92	0.00	0.00	16.88	9.47	0.01	7.10	0.352
GC437	26.92	0.00	0.00	20.12	6.48	0.00	2.32	0.241
GC438	26.92	0.00	0.00	17.30	9.05	0.01	8.49	0.336
GC439	26.92	0.00	0.00	13.34	12.77	0.01	6.92	0.474
GC44	26.92	0.00	0.00	17.08	9.28	0.01	6.07	0.345
GC440	26.92	0.00	0.00	16.97	9.39	0.01	6.82	0.349
GC441	26.92	0.00	0.00	20.32	6.28	0.00	3.02	0.233
GC442	26.92	0.00	0.00	7.20	18.59	0.01	14.10	0.691
GC443	26.92	0.00	0.00	17.22	9.14	0.01	7.96	0.340
GC444	26.92	0.00	0.00	17.25	9.11	0.01	7.61	0.338
GC445	26.92	0.00	0.00	17.06	9.29	0.01	6.24	0.345
GC446	26.92	0.00	0.00	17.05	9.31	0.01	8.64	0.346
GC447	26.92	0.00	0.00	16.93	9.43	0.01	8.11	0.350
GC448	26.92	0.00	0.00	17.22	9.14	0.01	7.74	0.340
GC449	26.92	0.00	0.00	17.94	8.41	0.01	12.89	0.313
GC45	26.92	0.00	0.00	17.39	8.97	0.01	8.69	0.333
GC450	26.92	0.00	0.00	13.27	12.84	0.00	6.03	0.477
GC451	26.92	0.00	0.00	13.31	12.81	0.01	7.01	0.476
GC452	26.92	0.00	0.00	13.55	12.56	0.01	8.07	0.467
GC453	26.92	0.00	0.00	7.50	18.26	0.03	37.11	0.678
GC454	26.92	0.00	0.00	17.05	9.30	0.01	8.07	0.346
GC455	26.92	0.00	0.00	13.30	12.81	0.01	6.16	0.476
GC456	26.92	0.00	0.00	17.36	9.00	0.01	8.77	0.334
GC457	26.92	0.00	0.00	17.19	9.17	0.01	7.72	0.341
GC458	26.92	0.00	0.00	26.13	0.71	0.02	12.39	0.026
GC459	26.92	0.00	0.00	7.56	18.19	0.04	47.62	0.676
GC46	26.92	0.00	0.00	13.55	12.57	0.01	14.48	0.467
GC460	26.92	0.00	0.00	17.11	9.24	0.01	6.31	0.343
GC461	26.92	0.00	0.00	17.20	9.16	0.01	7.69	0.340
GC462	26.92	0.00	0.00	13.49	12.62	0.01	8.07	0.469
GC463	26.92	0.00	0.00	17.18	9.18	0.01	7.76	0.341
GC464	26.92	0.00	0.00	17.19	9.17	0.01	7.76	0.341
GC465	26.92	0.00	0.00	17.22	9.13	0.01	7.63	0.339
GC466	26.92	0.00	0.00	17.44	8.92	0.01	9.66	0.331
GC467	26.92	0.00	0.00	17.20	9.16	0.01	7.67	0.340
GC468	26.92	0.00	0.00	17.22	9.14	0.01	7.70	0.340
GC469	26.92	0.00	0.00	17.38	8.97	0.01	8.29	0.333
GC47	26.92	0.00	0.00	13.31	12.81	0.01	11.74	0.476
GC470	26.92	0.00	0.00	13.30	12.81	0.01	7.02	0.476
GC471	26.92	0.00	0.00	20.29	6.31	0.00	2.59	0.234
GC472	26.92	0.00	0.00	20.29	6.31	0.00	2.27	0.234
GC473	26.92	0.00	0.00	17.31	9.04	0.01	8.19	0.336
GC474	26.92	0.00	0.00	17.01	9.34	0.01	8.05	0.347
GC475	26.92	0.00	0.00	16.87	9.48	0.01	6.63	0.352
GC476	26.92	0.00	0.00	16.86	9.50	0.01	7.25	0.353
GC477	26.92	0.00	0.00	7.59	18.17	0.05	52.64	0.675
GC478	26.92	0.00	0.00	17.11	9.25	0.01	6.17	0.344
GC479	26.92	0.00	0.00	7.61	18.14	0.05	50.69	0.674
GC48	26.92	0.00	0.00	17.02	9.34	0.01	6.90	0.347
GC480	26.92	0.00	0.00	17.12	9.23	0.01	8.18	0.343
GC481	26.92	0.00	0.00	20.04	6.56	0.00	2.69	0.244
GC482	26.92	0.00	0.00	17.46	8.90	0.01	9.34	0.331
GC483	26.92	0.00	0.00	17.18	9.18	0.01	6.91	0.341
GC484	26.92	0.00	0.00	13.23	12.88	0.00	6.11	0.479
GC485	26.92	0.00	0.00	25.07	1.76	0.00	2.63	0.066
GC486	26.92	0.00	0.00	16.78	9.58	0.01	6.93	0.356
GC487	26.92	0.00	0.00	20.15	6.45	0.00	2.25	0.240
GC488	26.92	0.00	0.00	20.08	6.52	0.00	2.36	0.242
GC489	26.92	0.00	0.00	20.15	6.45	0.00	2.25	0.240
GC49	26.92	0.00	0.00	17.28	9.07	0.01	7.50	0.337
GC490	26.92	0.00	0.00	20.13	6.47	0.00	2.28	0.240
GC491	26.92	0.00	0.00	20.12	6.48	0.00	2.30	0.241
GC492	26.92	0.00	0.00	20.06	6.54	0.00	2.39	0.243
GC493	26.92	0.00	0.00	20.10	6.50	0.00	2.32	0.241
GC494	26.92	0.00	0.00	20.09	6.51	0.00	2.35	0.242
GC495	26.92	0.00	0.00	20.11	6.49	0.00	2.31	0.241
GC496	26.92	0.00	0.00	20.23	6.37	0.00	2.15	0.237
GC497	26.92	0.00	0.00	17.84	8.52	0.01	11.05	0.316
GC498	26.92	0.00	0.00	17.00	9.36	0.01	7.95	0.348
GC499	26.92	0.00	0.00	20.18	6.42	0.00	2.18	0.238
GC5	26.92	0.00	0.00	8.02	16.34	1.00	240.91	0.607
GC50	26.92	0.00	0.00	17.23	9.13	0.01	7.30	0.339
GC500	26.92	0.00	0.00	25.86	0.97	0.01	6.22	0.036
GC501	26.92	0.00	0.00	20.44	6.16	0.00	3.10	0.229
GC502	26.92	0.00	0.00	13.32	12.79	0.01	6.12	0.475

GC503	26.92	0.00	0.00	13.38	12.74	0.01	6.90	0.473
GC504	26.92	0.00	0.00	13.61	12.50	0.01	7.95	0.464
GC505	26.92	0.00	0.00	17.08	9.28	0.01	8.72	0.345
GC506	26.92	0.00	0.00	16.93	9.43	0.01	7.52	0.350
GC507	26.92	0.00	0.00	17.28	9.08	0.01	10.08	0.337
GC508	26.92	0.00	0.00	13.42	12.70	0.01	8.11	0.472
GC509	26.92	0.00	0.00	13.48	12.64	0.01	6.74	0.469
GC51	26.92	0.00	0.00	17.17	9.19	0.01	6.62	0.341
GC510	26.92	0.00	0.00	17.07	9.29	0.01	6.81	0.345
GC511	26.92	0.00	0.00	20.18	6.42	0.00	2.53	0.238
GC512	26.92	0.00	0.00	20.30	6.30	0.00	2.65	0.234
GC513	26.92	0.00	0.00	17.38	8.98	0.01	9.76	0.334
GC514	26.92	0.00	0.00	17.08	9.28	0.01	7.73	0.345
GC515	26.92	0.00	0.00	17.07	9.28	0.01	6.21	0.345
GC516	26.92	0.00	0.00	17.16	9.19	0.01	8.38	0.342
GC517	26.92	0.00	0.00	17.17	9.19	0.01	7.85	0.341
GC518	26.92	0.00	0.00	20.09	6.51	0.00	2.34	0.242
GC519	26.92	0.00	0.00	13.37	12.75	0.01	6.98	0.474
GC52	26.92	0.00	0.00	17.64	8.72	0.01	13.75	0.324
GC520	26.92	0.00	0.00	17.01	9.35	0.01	6.28	0.347
GC521	26.92	0.00	0.00	13.32	12.79	0.01	6.10	0.475
GC522	26.92	0.00	0.00	17.03	9.33	0.01	8.08	0.346
GC523	26.92	0.00	0.00	16.82	9.54	0.01	7.08	0.354
GC524	26.92	0.00	0.00	13.41	12.70	0.01	6.84	0.472
GC525	26.92	0.00	0.00	17.08	9.28	0.01	8.16	0.345
GC526	26.92	0.00	0.00	13.55	12.56	0.01	8.11	0.467
GC527	26.92	0.00	0.00	19.99	6.61	0.00	2.50	0.245
GC528	26.92	0.00	0.00	17.51	8.84	0.01	9.69	0.329
GC529	26.92	0.00	0.00	17.45	8.91	0.01	8.75	0.331
GC53	26.92	0.00	0.00	13.22	12.90	0.00	6.10	0.479
GC530	26.92	0.00	0.00	13.44	12.68	0.01	8.08	0.471
GC531	26.92	0.00	0.00	13.49	12.62	0.01	6.72	0.469
GC532	26.92	0.00	0.00	20.16	6.44	0.00	2.25	0.239
GC533	26.92	0.00	0.00	20.23	6.37	0.00	2.45	0.236
GC534	26.92	0.00	0.00	20.28	6.32	0.00	2.67	0.235
GC535	26.92	0.00	0.00	20.15	6.45	0.00	2.27	0.240
GC536	26.92	0.00	0.00	20.05	6.55	0.00	2.40	0.243
GC537	26.92	0.00	0.00	20.04	6.56	0.00	2.43	0.244
GC538	26.92	0.00	0.00	20.00	6.60	0.00	2.50	0.245
GC539	26.92	0.00	0.00	20.04	6.56	0.00	2.42	0.244
GC54	26.92	0.00	0.00	16.99	9.36	0.01	7.72	0.348
GC540	26.92	0.00	0.00	20.03	6.57	0.00	2.44	0.244
GC541	26.92	0.00	0.00	20.11	6.49	0.00	2.31	0.241
GC542	26.92	0.00	0.00	20.11	6.48	0.00	2.30	0.241
GC543	26.92	0.00	0.00	20.04	6.56	0.00	2.42	0.244
GC544	26.92	0.00	0.00	20.02	6.58	0.00	2.46	0.244
GC545	26.92	0.00	0.00	19.99	6.61	0.00	2.51	0.246
GC546	26.92	0.00	0.00	17.24	9.11	0.01	9.48	0.339
GC547	26.92	0.00	0.00	7.51	18.26	0.03	39.61	0.678
GC548	26.92	0.00	0.00	20.17	6.43	0.00	2.20	0.239
GC549	26.92	0.00	0.00	13.32	12.80	0.01	6.09	0.475
GC55	26.92	0.00	0.00	16.88	9.48	0.01	7.77	0.352
GC550	26.92	0.00	0.00	13.38	12.74	0.01	7.05	0.473
GC551	26.92	0.00	0.00	17.28	9.07	0.01	9.40	0.337
GC552	26.92	0.00	0.00	17.03	9.33	0.01	7.51	0.347
GC553	26.92	0.00	0.00	16.94	9.42	0.01	7.18	0.350
GC554	26.92	0.00	0.00	16.95	9.41	0.01	7.70	0.350
GC555	26.92	0.00	0.00	17.14	9.22	0.01	6.06	0.342
GC556	26.92	0.00	0.00	7.61	18.13	0.05	50.85	0.674
GC557	26.92	0.00	0.00	17.18	9.18	0.01	7.16	0.341
GC558	26.92	0.00	0.00	13.46	12.65	0.01	6.76	0.470
GC559	26.92	0.00	0.00	17.21	9.15	0.01	7.75	0.340
GC56	26.92	0.00	0.00	17.11	9.25	0.01	6.09	0.344
GC560	26.92	0.00	0.00	7.51	18.26	0.04	45.01	0.678
GC561	26.92	0.00	0.00	13.48	12.64	0.01	8.22	0.469
GC562	26.92	0.00	0.00	17.86	8.49	0.01	11.98	0.315
GC563	26.92	0.00	0.00	17.14	9.21	0.01	6.65	0.342
GC564	26.92	0.00	0.00	16.86	9.49	0.01	7.24	0.353
GC565	26.92	0.00	0.00	17.74	8.61	0.01	11.55	0.320
GC566	26.92	0.00	0.00	20.04	6.56	0.00	2.42	0.244
GC567	26.92	0.00	0.00	7.99	16.93	0.62	190.71	0.629
GC568	26.92	0.00	0.00	13.44	12.68	0.01	8.07	0.471
GC569	26.92	0.00	0.00	20.22	6.38	0.00	2.47	0.237
GC57	26.92	0.00	0.00	17.11	9.24	0.01	6.14	0.343
GC570	26.92	0.00	0.00	20.25	6.35	0.00	2.73	0.236

GC571	26.92	0.00	0.00	17.14	9.22	0.01	7.27	0.343
GC572	26.92	0.00	0.00	13.50	12.61	0.01	8.05	0.469
GC573	26.92	0.00	0.00	20.13	6.47	0.00	2.26	0.240
GC574	26.92	0.00	0.00	13.35	12.77	0.00	6.03	0.474
GC575	26.92	0.00	0.00	17.30	9.06	0.01	9.68	0.336
GC576	26.92	0.00	0.00	17.52	8.84	0.01	8.98	0.328
GC577	26.92	0.00	0.00	18.17	8.19	0.01	15.75	0.304
GC578	26.92	0.00	0.00	7.78	17.89	0.10	80.51	0.665
GC579	26.92	0.00	0.00	13.30	12.81	0.01	6.18	0.476
GC58	26.92	0.00	0.00	17.28	9.08	0.01	10.74	0.337
GC580	26.92	0.00	0.00	16.93	9.43	0.01	7.07	0.350
GC581	26.92	0.00	0.00	16.89	9.47	0.01	7.69	0.352
GC582	26.92	0.00	0.00	17.30	9.06	0.01	8.18	0.337
GC583	26.92	0.00	0.00	17.25	9.11	0.01	9.48	0.338
GC584	26.92	0.00	0.00	9.39	16.35	0.23	202.88	0.607
GC585	26.92	0.00	0.00	17.37	8.98	0.01	8.79	0.334
GC586	26.92	0.00	0.00	17.48	8.88	0.01	8.79	0.330
GC587	26.92	0.00	0.00	7.56	18.20	0.04	42.80	0.676
GC588	26.92	0.00	0.00	7.76	17.93	0.09	78.37	0.666
GC589	26.92	0.00	0.00	17.06	9.30	0.01	9.24	0.345
GC59	26.92	0.00	0.00	16.97	9.39	0.01	7.14	0.349
GC590	26.92	0.00	0.00	13.44	12.67	0.01	6.81	0.471
GC591	26.92	0.00	0.00	17.20	9.16	0.01	6.53	0.340
GC592	26.92	0.00	0.00	17.08	9.27	0.01	7.85	0.345
GC593	26.92	0.00	0.00	17.08	9.28	0.01	9.28	0.345
GC594	26.92	0.00	0.00	17.84	8.52	0.01	12.50	0.316
GC595	26.92	0.00	0.00	13.48	12.63	0.01	8.58	0.469
GC596	26.92	0.00	0.00	13.33	12.78	0.01	6.99	0.475
GC597	26.92	0.00	0.00	20.31	6.29	0.00	2.33	0.234
GC598	26.92	0.00	0.00	20.29	6.31	0.00	2.66	0.234
GC599	26.92	0.00	0.00	17.19	9.17	0.01	7.74	0.341
GC6	26.92	0.00	0.00	25.12	1.72	0.04	32.88	0.064
GC60	26.92	0.00	0.00	16.96	9.40	0.01	6.42	0.349
GC600	26.92	0.00	0.00	13.39	12.73	0.00	5.97	0.473
GC601	26.92	0.00	0.00	16.91	9.45	0.01	7.37	0.351
GC602	26.92	0.00	0.00	20.11	6.49	0.00	2.29	0.241
GC603	26.92	0.00	0.00	17.79	8.57	0.01	11.45	0.318
GC605	26.92	0.00	0.00	13.30	12.82	0.01	6.27	0.476
GC606	26.92	0.00	0.00	20.19	6.41	0.00	2.75	0.238
GC607	26.92	0.00	0.00	17.77	8.59	0.01	10.65	0.319
GC608	26.92	0.00	0.00	17.09	9.26	0.01	8.67	0.344
GC609	26.92	0.00	0.00	17.39	8.97	0.01	9.41	0.333
GC61	26.92	0.00	0.00	16.99	9.36	0.01	6.82	0.348
GC610	26.92	0.00	0.00	16.93	9.43	0.01	7.76	0.350
GC611	26.92	0.00	0.00	13.44	12.67	0.01	6.81	0.471
GC612	26.92	0.00	0.00	16.94	9.42	0.01	7.06	0.350
GC613	26.92	0.00	0.00	7.55	18.20	0.04	49.45	0.676
GC614	26.92	0.00	0.00	17.16	9.19	0.01	7.52	0.342
GC615	26.92	0.00	0.00	16.80	9.56	0.01	6.78	0.355
GC616	26.92	0.00	0.00	13.53	12.59	0.01	6.67	0.468
GC617	26.92	0.00	0.00	17.12	9.24	0.01	6.11	0.343
GC618	26.92	0.00	0.00	17.13	9.23	0.01	6.10	0.343
GC619	26.92	0.00	0.00	17.07	9.29	0.01	6.19	0.345
GC62	26.92	0.00	0.00	17.07	9.29	0.01	6.76	0.345
GC620	26.92	0.00	0.00	17.20	9.15	0.01	7.51	0.340
GC621	26.92	0.00	0.00	17.02	9.34	0.01	6.28	0.347
GC622	26.92	0.00	0.00	17.07	9.29	0.01	6.18	0.345
GC623	26.92	0.00	0.00	13.33	12.78	0.01	7.02	0.475
GC624	26.92	0.00	0.00	17.10	9.26	0.01	6.13	0.344
GC625	26.92	0.00	0.00	17.08	9.27	0.01	6.17	0.345
GC626	26.92	0.00	0.00	13.42	12.69	0.01	8.17	0.471
GC627	26.92	0.00	0.00	17.01	9.34	0.01	7.35	0.347
GC628	26.92	0.00	0.00	13.34	12.78	0.00	6.02	0.475
GC629	26.92	0.00	0.00	17.36	9.00	0.01	7.52	0.334
GC63	26.92	0.00	0.00	17.34	9.02	0.01	8.59	0.335
GC630	26.92	0.00	0.00	17.67	8.68	0.01	9.49	0.323
GC631	26.92	0.00	0.00	17.25	9.10	0.01	8.12	0.338
GC632	26.92	0.00	0.00	20.10	6.50	0.00	2.29	0.241
GC633	26.92	0.00	0.00	13.31	12.81	0.01	6.34	0.476
GC634	26.92	0.00	0.00	20.17	6.43	0.00	2.55	0.239
GC635	26.92	0.00	0.00	20.28	6.32	0.00	2.69	0.235
GC636	26.92	0.00	0.00	17.26	9.09	0.01	7.29	0.338
GC637	26.92	0.00	0.00	16.89	9.47	0.01	7.51	0.352
GC638	26.92	0.00	0.00	17.70	8.65	0.01	10.92	0.321
GC639	26.92	0.00	0.00	20.28	6.32	0.00	2.60	0.235

GC64	26.92	0.00	0.00	17.09	9.27	0.01	8.76	0.344
GC640	26.92	0.00	0.00	16.79	9.56	0.01	6.85	0.355
GC641	26.92	0.00	0.00	16.92	9.44	0.01	7.67	0.351
GC642	26.92	0.00	0.00	17.01	9.35	0.01	6.88	0.347
GC643	26.92	0.00	0.00	13.40	12.71	0.01	6.72	0.472
GC644	26.92	0.00	0.00	16.95	9.41	0.01	7.05	0.350
GC645	26.92	0.00	0.00	17.07	9.28	0.01	7.74	0.345
GC646	26.92	0.00	0.00	17.12	9.24	0.01	7.89	0.343
GC647	26.92	0.00	0.00	13.45	12.66	0.01	7.59	0.470
GC648	26.92	0.00	0.00	21.75	4.84	0.03	29.34	0.180
GC649	26.92	0.00	0.00	13.50	12.62	0.01	9.98	0.469
GC65	26.92	0.00	0.00	16.92	9.44	0.01	7.23	0.351
GC650	26.92	0.00	0.00	17.08	9.28	0.01	7.81	0.345
GC651	26.92	0.00	0.00	13.28	12.84	0.01	7.08	0.477
GC652	26.92	0.00	0.00	17.27	9.09	0.01	7.98	0.338
GC653	26.92	0.00	0.00	17.17	9.19	0.01	7.22	0.341
GC654	26.92	0.00	0.00	16.95	9.41	0.01	7.59	0.350
GC655	26.92	0.00	0.00	13.60	12.52	0.01	7.37	0.465
GC656	26.92	0.00	0.00	16.84	9.52	0.01	6.71	0.354
GC657	26.92	0.00	0.00	13.41	12.70	0.01	6.58	0.472
GC658	26.92	0.00	0.00	20.12	6.48	0.00	2.26	0.241
GC659	26.92	0.00	0.00	13.44	12.68	0.01	7.34	0.471
GC66	26.92	0.00	0.00	17.24	9.11	0.01	9.01	0.339
GC660	26.92	0.00	0.00	7.39	18.39	0.02	28.88	0.683
GC661	26.92	0.00	0.00	20.16	6.44	0.00	2.57	0.239
GC662	26.92	0.00	0.00	20.22	6.38	0.00	2.78	0.237
GC663	26.92	0.00	0.00	17.31	9.04	0.01	10.75	0.336
GC664	26.92	0.00	0.00	13.61	12.51	0.01	10.64	0.465
GC665	26.92	0.00	0.00	16.94	9.42	0.01	7.27	0.350
GC666	26.92	0.00	0.00	20.27	6.33	0.00	2.62	0.235
GC667	26.92	0.00	0.00	16.76	9.60	0.01	6.89	0.357
GC668	26.92	0.00	0.00	16.98	9.38	0.01	7.63	0.349
GC669	26.92	0.00	0.00	17.23	9.12	0.01	7.29	0.339
GC67	26.92	0.00	0.00	17.11	9.24	0.01	8.86	0.343
GC670	26.92	0.00	0.00	26.06	0.78	0.02	10.88	0.029
GC671	26.92	0.00	0.00	13.58	12.53	0.01	8.98	0.466
GC672	26.92	0.00	0.00	17.25	9.11	0.01	6.44	0.338
GC673	26.92	0.00	0.00	16.89	9.47	0.01	7.18	0.352
GC674	26.92	0.00	0.00	13.54	12.58	0.01	8.27	0.467
GC675	26.92	0.00	0.00	13.41	12.71	0.01	8.47	0.472
GC676	26.92	0.00	0.00	17.22	9.13	0.01	7.72	0.339
GC677	26.92	0.00	0.00	20.16	6.44	0.00	2.19	0.239
GC678	26.92	0.00	0.00	17.11	9.25	0.01	8.10	0.344
GC679	26.92	0.00	0.00	17.35	9.01	0.01	7.81	0.335
GC68	26.92	0.00	0.00	17.00	9.36	0.01	6.34	0.348
GC680	26.92	0.00	0.00	16.97	9.39	0.01	7.92	0.349
GC681	26.92	0.00	0.00	20.19	6.41	0.00	2.41	0.238
GC682	26.92	0.00	0.00	13.51	12.60	0.01	7.36	0.468
GC683	26.92	0.00	0.00	20.28	6.32	0.00	2.58	0.235
GC684	26.92	0.00	0.00	16.87	9.49	0.01	6.92	0.352
GC685	26.92	0.00	0.00	7.29	18.50	0.02	20.20	0.687
GC686	26.92	0.00	0.00	7.31	18.48	0.02	22.20	0.686
GC687	26.92	0.00	0.00	17.87	8.49	0.01	11.85	0.315
GC688	26.92	0.00	0.00	17.10	9.26	0.01	7.27	0.344
GC689	26.92	0.00	0.00	20.17	6.43	0.00	2.68	0.239
GC69	26.92	0.00	0.00	16.88	9.48	0.01	6.60	0.352
GC690	26.92	0.00	0.00	17.12	9.24	0.01	8.16	0.343
GC691	26.92	0.00	0.00	17.56	8.79	0.01	9.21	0.327
GC692	26.92	0.00	0.00	17.12	9.24	0.01	6.70	0.343
GC693	26.92	0.00	0.00	16.97	9.38	0.01	7.02	0.349
GC694	26.92	0.00	0.00	7.52	18.24	0.04	44.03	0.678
GC695	26.92	0.00	0.00	17.01	9.35	0.01	6.93	0.347
GC696	26.92	0.00	0.00	7.56	18.19	0.04	43.34	0.676
GC697	26.92	0.00	0.00	17.17	9.18	0.01	7.47	0.341
GC698	26.92	0.00	0.00	17.23	9.12	0.01	8.82	0.339
GC699	26.92	0.00	0.00	17.24	9.12	0.01	7.00	0.339
GC7	26.92	0.00	0.00	26.49	0.35	0.21	112.16	0.013
GC70	26.92	0.00	0.00	17.22	9.13	0.01	7.32	0.339
GC700	26.92	0.00	0.00	16.81	9.55	0.01	6.70	0.355
GC701	26.92	0.00	0.00	13.37	12.74	0.01	6.58	0.473
GC702	26.92	0.00	0.00	16.79	9.57	0.01	6.82	0.355
GC703	26.92	0.00	0.00	17.26	9.10	0.01	8.11	0.338
GC704	26.92	0.00	0.00	17.15	9.21	0.01	6.26	0.342
GC705	26.92	0.00	0.00	14.14	11.96	0.02	17.61	0.444
GC706	26.92	0.00	0.00	17.40	8.96	0.01	8.34	0.333

GC707	26.92	0.00	0.00	17.25	9.11	0.01	7.68	0.338
GC708	26.92	0.00	0.00	7.42	18.36	0.03	31.39	0.682
GC709	26.92	0.00	0.00	7.34	18.45	0.02	23.34	0.685
GC71	26.92	0.00	0.00	17.46	8.90	0.01	12.05	0.330
GC710	26.92	0.00	0.00	16.83	9.53	0.01	6.64	0.354
GC711	26.92	0.00	0.00	17.32	9.04	0.01	9.23	0.336
GC712	26.92	0.00	0.00	17.06	9.30	0.01	7.73	0.345
GC713	26.92	0.00	0.00	17.01	9.35	0.01	6.67	0.347
GC714	26.92	0.00	0.00	17.18	9.18	0.01	6.96	0.341
GC715	26.92	0.00	0.00	17.24	9.12	0.01	6.82	0.339
GC716	26.92	0.00	0.00	17.34	9.01	0.01	11.02	0.335
GC717	26.92	0.00	0.00	13.70	12.41	0.01	10.48	0.461
GC718	26.92	0.00	0.00	17.14	9.22	0.01	7.87	0.343
GC719	26.92	0.00	0.00	17.14	9.22	0.01	7.17	0.343
GC72	26.92	0.00	0.00	13.29	12.83	0.01	6.88	0.477
GC720	26.92	0.00	0.00	16.96	9.40	0.01	6.94	0.349
GC721	26.92	0.00	0.00	16.94	9.42	0.01	6.98	0.350
GC722	26.92	0.00	0.00	16.93	9.43	0.01	7.04	0.350
GC723	26.92	0.00	0.00	7.40	18.38	0.02	29.50	0.683
GC724	26.92	0.00	0.00	16.98	9.38	0.01	7.30	0.348
GC725	26.92	0.00	0.00	17.29	9.07	0.01	7.48	0.337
GC726	26.92	0.00	0.00	20.28	6.32	0.00	3.30	0.235
GC727	26.92	0.00	0.00	22.14	4.46	0.06	61.09	0.166
GC728	26.92	0.00	0.00	14.01	12.10	0.01	13.47	0.450
GC729	26.92	0.00	0.00	17.09	9.27	0.01	6.29	0.344
GC73	26.92	0.00	0.00	17.61	8.75	0.01	9.15	0.325
GC730	26.92	0.00	0.00	7.49	18.28	0.03	38.44	0.679
GC731	26.92	0.00	0.00	20.41	6.19	0.00	4.33	0.230
GC732	26.92	0.00	0.00	13.33	12.78	0.01	6.73	0.475
GC733	26.92	0.00	0.00	17.08	9.28	0.01	7.02	0.345
GC734	26.92	0.00	0.00	17.40	8.96	0.01	9.66	0.333
GC735	26.92	0.00	0.00	17.22	9.13	0.01	8.31	0.339
GC736	26.92	0.00	0.00	16.97	9.39	0.01	7.14	0.349
GC737	26.92	0.00	0.00	17.61	8.74	0.01	8.40	0.325
GC738	26.92	0.00	0.00	17.06	9.30	0.01	7.61	0.345
GC739	26.92	0.00	0.00	16.83	9.53	0.01	6.71	0.354
GC74	26.92	0.00	0.00	17.38	8.98	0.01	8.47	0.334
GC740	26.92	0.00	0.00	17.04	9.32	0.01	6.53	0.346
GC741	26.92	0.00	0.00	17.21	9.15	0.01	8.09	0.340
GC742_1	26.92	0.00	0.00	7.68	18.05	0.06	61.08	0.671
GC742_2	26.92	0.00	0.00	7.21	18.58	0.01	16.80	0.690
GC743	26.92	0.00	0.00	13.27	12.84	0.01	7.08	0.477
GC744	26.92	0.00	0.00	13.27	12.84	0.01	7.08	0.477
GC745	26.92	0.00	0.00	13.35	12.76	0.01	8.33	0.474
GC746	26.92	0.00	0.00	13.22	12.89	0.01	7.03	0.479
GC747	26.92	0.00	0.00	13.37	12.74	0.01	8.09	0.473
GC748	26.92	0.00	0.00	20.10	6.50	0.00	3.10	0.241
GC749	26.92	0.00	0.00	20.11	6.49	0.00	3.08	0.241
GC75	26.92	0.00	0.00	17.65	8.71	0.01	10.39	0.323
GC750	26.92	0.00	0.00	20.10	6.50	0.00	3.09	0.241
GC751	26.92	0.00	0.00	20.11	6.49	0.00	3.09	0.241
GC752	26.92	0.00	0.00	20.15	6.45	0.00	3.01	0.240
GC753	26.92	0.00	0.00	20.10	6.50	0.00	3.11	0.242
GC754	26.92	0.00	0.00	20.13	6.47	0.00	3.22	0.240
GC755	26.92	0.00	0.00	20.02	6.58	0.00	3.10	0.245
GC756	26.92	0.00	0.00	20.12	6.48	0.00	3.07	0.241
GC757	26.92	0.00	0.00	20.14	6.46	0.00	3.02	0.240
GC758	26.92	0.00	0.00	20.12	6.48	0.00	3.07	0.241
GC759	26.92	0.00	0.00	20.16	6.44	0.00	2.98	0.239
GC76	26.92	0.00	0.00	14.03	12.08	0.01	13.69	0.449
GC760	26.92	0.00	0.00	20.19	6.41	0.00	2.92	0.238
GC761	26.92	0.00	0.00	17.26	9.10	0.01	6.91	0.338
GC762	26.92	0.00	0.00	20.18	6.42	0.00	2.94	0.238
GC763	26.92	0.00	0.00	20.16	6.44	0.00	2.89	0.239
GC764	26.92	0.00	0.00	20.34	6.26	0.00	3.83	0.233
GC765	26.92	0.00	0.00	7.55	18.21	0.04	46.13	0.677
GC766	26.92	0.00	0.00	13.81	12.30	0.01	12.50	0.457
GC767	26.92	0.00	0.00	19.02	7.42	0.00	4.27	0.276
GC768	26.92	0.00	0.00	13.87	12.24	0.01	13.02	0.455
GC769	26.92	0.00	0.00	17.33	9.02	0.01	7.58	0.335
GC77	26.92	0.00	0.00	13.18	12.94	0.00	6.12	0.481
GC770	26.92	0.00	0.00	13.39	12.72	0.01	8.65	0.473
GC771	26.92	0.00	0.00	13.47	12.64	0.01	9.09	0.470
GC772	26.92	0.00	0.00	17.09	9.27	0.01	7.74	0.344
GC773	26.92	0.00	0.00	20.12	6.48	0.00	2.88	0.241

GC774	26.92	0.00	0.00	16.91	9.45	0.01	6.58	0.351
GC775	26.92	0.00	0.00	17.13	9.23	0.01	7.94	0.343
GC776	26.92	0.00	0.00	17.04	9.31	0.01	6.65	0.346
GC777	26.92	0.00	0.00	17.05	9.30	0.01	6.46	0.346
GC778	26.92	0.00	0.00	17.17	9.18	0.01	6.89	0.341
GC779	26.92	0.00	0.00	13.47	12.64	0.01	11.01	0.470
GC78	26.92	0.00	0.00	16.91	9.45	0.01	6.43	0.351
GC780	26.92	0.00	0.00	17.05	9.30	0.01	7.00	0.346
GC781	26.92	0.00	0.00	17.12	9.24	0.01	6.85	0.343
GC782	26.92	0.00	0.00	17.25	9.11	0.01	7.40	0.338
GC783	26.92	0.00	0.00	17.24	9.12	0.01	8.77	0.339
GC784	26.92	0.00	0.00	13.86	12.25	0.01	12.03	0.455
GC785	26.92	0.00	0.00	7.42	18.36	0.03	30.87	0.682
GC786	26.92	0.00	0.00	21.81	4.59	0.08	61.31	0.171
GC787	26.92	0.00	0.00	25.54	1.30	0.01	7.78	0.048
GC788	26.92	0.00	0.00	16.88	9.48	0.01	7.12	0.352
GC789	26.92	0.00	0.00	17.19	9.16	0.01	9.82	0.340
GC79	26.92	0.00	0.00	17.06	9.29	0.01	6.23	0.345
GC790	26.92	0.00	0.00	16.85	9.50	0.01	6.91	0.353
GC791	26.92	0.00	0.00	16.98	9.38	0.01	7.53	0.348
GC792	26.92	0.00	0.00	13.35	12.77	0.01	9.40	0.474
GC793	26.92	0.00	0.00	13.40	12.72	0.01	8.22	0.472
GC794	26.92	0.00	0.00	17.28	9.07	0.01	8.30	0.337
GC795	26.92	0.00	0.00	17.13	9.23	0.01	7.44	0.343
GC796	26.92	0.00	0.00	17.15	9.21	0.01	7.80	0.342
GC797	26.92	0.00	0.00	20.21	6.39	0.00	2.72	0.237
GC798	26.92	0.00	0.00	16.98	9.38	0.01	6.39	0.348
GC799	26.92	0.00	0.00	17.06	9.30	0.01	7.38	0.345
GC8	26.92	0.00	0.00	25.46	1.37	0.01	7.18	0.051
GC80	26.92	0.00	0.00	17.22	9.13	0.01	10.35	0.339
GC800	26.92	0.00	0.00	13.30	12.81	0.01	7.58	0.476
GC801	26.92	0.00	0.00	17.37	8.99	0.01	7.31	0.334
GC802	26.92	0.00	0.00	17.17	9.19	0.01	6.24	0.341
GC803	26.92	0.00	0.00	7.64	18.10	0.05	54.33	0.672
GC804	26.92	0.00	0.00	17.31	9.04	0.01	7.61	0.336
GC805	26.92	0.00	0.00	17.21	9.15	0.01	7.56	0.340
GC806	26.92	0.00	0.00	16.98	9.38	0.01	6.38	0.348
GC807	26.92	0.00	0.00	17.38	8.98	0.01	8.98	0.334
GC808	26.92	0.00	0.00	13.47	12.65	0.01	10.45	0.470
GC809	26.92	0.00	0.00	13.27	12.85	0.01	8.25	0.477
GC81	26.92	0.00	0.00	17.04	9.32	0.01	6.77	0.346
GC810	26.92	0.00	0.00	17.07	9.29	0.01	6.44	0.345
GC811	26.92	0.00	0.00	7.67	18.07	0.07	63.89	0.671
GC812	26.92	0.00	0.00	20.29	6.31	0.00	3.53	0.234
GC813	26.92	0.00	0.00	25.35	1.49	0.00	2.91	0.055
GC814	26.92	0.00	0.00	16.97	9.39	0.01	8.21	0.349
GC815	26.92	0.00	0.00	20.09	6.51	0.00	2.68	0.242
GC816	26.92	0.00	0.00	17.18	9.18	0.01	10.11	0.341
GC817	26.92	0.00	0.00	20.17	6.43	0.00	2.62	0.239
GC818	26.92	0.00	0.00	20.21	6.39	0.00	2.55	0.237
GC819	26.92	0.00	0.00	20.24	6.36	0.00	2.51	0.236
GC82	26.92	0.00	0.00	13.76	12.35	0.01	9.49	0.459
GC820	26.92	0.00	0.00	20.12	6.48	0.00	2.72	0.241
GC821	26.92	0.00	0.00	20.23	6.37	0.00	2.53	0.237
GC822	26.92	0.00	0.00	20.19	6.41	0.00	2.59	0.238
GC823	26.92	0.00	0.00	20.21	6.39	0.00	2.72	0.237
GC824	26.92	0.00	0.00	20.15	6.45	0.00	2.49	0.239
GC825	26.92	0.00	0.00	20.21	6.39	0.00	2.56	0.237
GC826	26.92	0.00	0.00	20.22	6.38	0.00	2.54	0.237
GC827	26.92	0.00	0.00	20.11	6.49	0.00	2.71	0.241
GC828	26.92	0.00	0.00	20.15	6.45	0.00	2.66	0.239
GC829	26.92	0.00	0.00	20.20	6.40	0.00	2.58	0.238
GC83	26.92	0.00	0.00	16.86	9.50	0.01	7.29	0.353
GC830	26.92	0.00	0.00	17.48	8.88	0.01	9.44	0.330
GC831	26.92	0.00	0.00	17.33	9.03	0.01	8.06	0.336
GC832	26.92	0.00	0.00	17.35	9.00	0.01	7.90	0.335
GC833	26.92	0.00	0.00	17.31	9.05	0.01	7.93	0.336
GC834	26.92	0.00	0.00	20.28	6.32	0.00	2.59	0.235
GC835	26.92	0.00	0.00	17.38	8.98	0.01	7.84	0.334
GC836	26.92	0.00	0.00	16.95	9.41	0.01	7.62	0.350
GC837	26.92	0.00	0.00	7.77	17.90	0.09	74.86	0.665
GC838	26.92	0.00	0.00	17.30	9.06	0.01	7.32	0.337
GC839	26.92	0.00	0.00	17.22	9.14	0.01	8.54	0.339
GC84	26.92	0.00	0.00	17.33	9.02	0.01	7.67	0.335
GC840	26.92	0.00	0.00	16.84	9.52	0.01	6.95	0.354

GC841	26.92	0.00	0.00	16.84	9.52	0.01	6.96	0.354
GC842	26.92	0.00	0.00	17.09	9.27	0.01	8.27	0.344
GC843	26.92	0.00	0.00	17.10	9.25	0.01	7.50	0.344
GC844	26.92	0.00	0.00	17.00	9.36	0.01	6.50	0.348
GC845	26.92	0.00	0.00	17.15	9.21	0.01	7.99	0.342
GC846	26.92	0.00	0.00	17.36	9.00	0.01	7.79	0.334
GC847	26.92	0.00	0.00	7.55	18.21	0.04	46.03	0.676
GC848	26.92	0.00	0.00	17.08	9.28	0.01	8.42	0.345
GC849	26.92	0.00	0.00	17.22	9.14	0.01	6.14	0.339
GC85	26.92	0.00	0.00	17.55	8.81	0.01	11.57	0.327
GC850	26.92	0.00	0.00	7.71	18.00	0.08	75.68	0.669
GC851	26.92	0.00	0.00	7.10	18.69	0.01	12.94	0.694
GC852	26.92	0.00	0.00	17.26	9.10	0.01	6.94	0.338
GC853	26.92	0.00	0.00	17.14	9.22	0.01	6.64	0.343
GC854	26.92	0.00	0.00	17.27	9.09	0.01	7.79	0.338
GC855	26.92	0.00	0.00	17.33	9.03	0.01	7.40	0.335
GC856	26.92	0.00	0.00	7.10	18.69	0.01	13.23	0.694
GC857	26.92	0.00	0.00	17.05	9.31	0.01	6.45	0.346
GC858	26.92	0.00	0.00	7.57	18.19	0.04	43.27	0.676
GC859	26.92	0.00	0.00	17.01	9.35	0.01	7.98	0.347
GC86	26.92	0.00	0.00	13.23	12.89	0.01	7.01	0.479
GC860	26.92	0.00	0.00	17.48	8.87	0.01	9.78	0.330
GC861	26.92	0.00	0.00	20.45	6.14	0.01	6.75	0.228
GC862	26.92	0.00	0.00	17.35	9.01	0.01	10.86	0.335
GC863	26.92	0.00	0.00	20.10	6.50	0.00	2.65	0.241
GC864	26.92	0.00	0.00	25.04	1.80	0.01	5.32	0.067
GC865	26.92	0.00	0.00	17.37	8.98	0.01	8.97	0.334
GC866	26.92	0.00	0.00	17.20	9.16	0.01	6.44	0.340
GC867	26.92	0.00	0.00	17.11	9.25	0.01	6.62	0.344
GC868	26.92	0.00	0.00	17.25	9.10	0.01	6.37	0.338
GC869	26.92	0.00	0.00	17.27	9.09	0.01	6.75	0.338
GC87	26.92	0.00	0.00	17.93	8.43	0.01	12.29	0.313
GC870	26.92	0.00	0.00	16.97	9.39	0.01	7.54	0.349
GC871	26.92	0.00	0.00	17.15	9.20	0.01	6.21	0.342
GC872	26.92	0.00	0.00	20.19	6.41	0.00	3.54	0.238
GC873	26.92	0.00	0.00	16.87	9.49	0.01	6.88	0.353
GC874	26.92	0.00	0.00	17.52	8.83	0.01	8.28	0.328
GC875	26.92	0.00	0.00	16.95	9.41	0.01	8.27	0.349
GC876	26.92	0.00	0.00	16.97	9.39	0.01	6.18	0.349
GC877	26.92	0.00	0.00	16.87	9.49	0.01	7.05	0.352
GC878	26.92	0.00	0.00	17.05	9.31	0.01	7.65	0.346
GC879	26.92	0.00	0.00	16.98	9.38	0.01	6.55	0.349
GC88	26.92	0.00	0.00	7.34	18.44	0.02	25.76	0.685
GC880	26.92	0.00	0.00	23.51	3.08	1.76	1665.82	0.114
GC881	26.92	0.00	0.00	17.12	9.24	0.01	8.19	0.343
GC882	26.92	0.00	0.00	7.40	18.38	0.02	28.24	0.683
GC883	26.92	0.00	0.00	16.90	9.46	0.01	7.07	0.351
GC884	26.92	0.00	0.00	7.41	18.37	0.03	33.98	0.683
GC885	26.92	0.00	0.00	17.21	9.15	0.01	6.17	0.340
GC886	26.92	0.00	0.00	17.24	9.12	0.01	7.32	0.339
GC887	26.92	0.00	0.00	17.26	9.10	0.01	6.95	0.338
GC888	26.92	0.00	0.00	20.12	6.48	0.00	4.13	0.241
GC889	26.92	0.00	0.00	20.07	6.53	0.00	2.52	0.243
GC89	26.92	0.00	0.00	13.31	12.80	0.01	11.06	0.476
GC890	26.92	0.00	0.00	20.09	6.51	0.00	2.48	0.242
GC891	26.92	0.00	0.00	19.90	6.70	0.00	2.85	0.249
GC892	26.92	0.00	0.00	20.01	6.59	0.00	2.63	0.245
GC893	26.92	0.00	0.00	19.98	6.62	0.00	2.68	0.246
GC894	26.92	0.00	0.00	19.83	6.77	0.00	3.04	0.252
GC895	26.92	0.00	0.00	20.41	6.19	0.00	6.27	0.230
GC896	26.92	0.00	0.00	17.04	9.32	0.01	6.42	0.346
GC897	26.92	0.00	0.00	17.03	9.32	0.01	6.86	0.346
GC898	26.92	0.00	0.00	17.14	9.21	0.01	8.37	0.342
GC899	26.92	0.00	0.00	7.42	18.36	0.03	32.28	0.682
GC9	26.92	0.00	0.00	26.64	0.20	0.13	63.54	0.007
GC90	26.92	0.00	0.00	13.02	13.10	0.01	9.53	0.487
GC900	26.92	0.00	0.00	17.08	9.28	0.01	7.08	0.345
GC901	26.92	0.00	0.00	16.81	9.55	0.01	6.75	0.355
GC902	26.92	0.00	0.00	17.03	9.33	0.01	8.33	0.347
GC903	26.92	0.00	0.00	7.54	18.22	0.04	46.21	0.677
GC904	26.92	0.00	0.00	17.02	9.34	0.01	7.68	0.347
GC905	26.92	0.00	0.00	16.98	9.38	0.01	6.54	0.348
GC906	26.92	0.00	0.00	17.06	9.30	0.01	7.60	0.345
GC907	26.92	0.00	0.00	16.89	9.46	0.01	7.10	0.352
GC908	26.92	0.00	0.00	13.16	12.96	0.01	10.13	0.481

GC909	26.92	0.00	0.00	17.24	9.12	0.01	6.12	0.339
GC91	26.92	0.00	0.00	17.04	9.32	0.01	8.92	0.346
GC910	26.92	0.00	0.00	17.16	9.19	0.01	6.93	0.342
GC911	26.92	0.00	0.00	12.98	13.14	0.01	9.19	0.488
GC912	26.92	0.00	0.00	17.11	9.25	0.01	6.77	0.344
GC913	26.92	0.00	0.00	17.31	9.05	0.01	6.88	0.336
GC914	26.92	0.00	0.00	16.94	9.41	0.01	7.39	0.350
GC915	26.92	0.00	0.00	13.11	13.01	0.01	8.24	0.483
GC916	26.92	0.00	0.00	17.02	9.33	0.01	9.02	0.347
GC917	26.92	0.00	0.00	17.20	9.16	0.01	6.55	0.340
GC918	26.92	0.00	0.00	17.22	9.14	0.01	6.50	0.340
GC919	26.92	0.00	0.00	13.29	12.83	0.00	5.59	0.477
GC92	26.92	0.00	0.00	13.35	12.77	0.01	6.91	0.474
GC920	26.92	0.00	0.00	13.15	12.97	0.01	9.91	0.482
GC921	26.92	0.00	0.00	17.15	9.21	0.01	6.95	0.342
GC922	26.92	0.00	0.00	13.18	12.93	0.00	4.90	0.480
GC923	26.92	0.00	0.00	13.50	12.62	0.01	7.24	0.469
GC924	26.92	0.00	0.00	17.51	8.84	0.01	9.38	0.329
GC925	26.92	0.00	0.00	17.22	9.14	0.01	7.19	0.340
GC926	26.92	0.00	0.00	16.86	9.50	0.01	6.63	0.353
GC927	26.92	0.00	0.00	13.27	12.85	0.00	5.29	0.477
GC928	26.92	0.00	0.00	17.32	9.04	0.01	7.84	0.336
GC929	26.92	0.00	0.00	17.02	9.34	0.01	8.03	0.347
GC93	26.92	0.00	0.00	17.36	9.00	0.01	11.26	0.334
GC930	26.92	0.00	0.00	13.43	12.69	0.01	6.18	0.471
GC931	26.92	0.00	0.00	13.28	12.83	0.00	5.84	0.477
GC932	26.92	0.00	0.00	13.34	12.78	0.00	5.58	0.475
GC933	26.92	0.00	0.00	17.07	9.29	0.01	8.18	0.345
GC934	26.92	0.00	0.00	13.32	12.79	0.00	5.65	0.475
GC935	26.92	0.00	0.00	13.33	12.78	0.00	5.64	0.475
GC936	26.92	0.00	0.00	13.30	12.82	0.00	5.68	0.476
GC937	26.92	0.00	0.00	13.35	12.76	0.00	5.59	0.474
GC938	26.92	0.00	0.00	13.29	12.82	0.00	5.68	0.476
GC939	26.92	0.00	0.00	13.25	12.86	0.00	5.17	0.478
GC94	26.92	0.00	0.00	13.32	12.79	0.01	6.93	0.475
GC940	26.92	0.00	0.00	13.19	12.92	0.00	5.26	0.480
GC941	26.92	0.00	0.00	17.11	9.25	0.01	6.53	0.344
GC942	26.92	0.00	0.00	13.23	12.89	0.00	5.21	0.479
GC943	26.92	0.00	0.00	17.16	9.20	0.01	6.43	0.342
GC944	26.92	0.00	0.00	17.01	9.35	0.01	6.72	0.347
GC945	26.92	0.00	0.00	17.09	9.27	0.01	6.57	0.344
GC946	26.92	0.00	0.00	17.07	9.28	0.01	6.60	0.345
GC947	26.92	0.00	0.00	17.06	9.30	0.01	6.63	0.345
GC948	26.92	0.00	0.00	17.09	9.27	0.01	6.57	0.344
GC949	26.92	0.00	0.00	17.11	9.25	0.01	6.53	0.344
GC95_1	26.92	0.00	0.00	7.44	18.34	0.03	34.69	0.681
GC95_2	26.92	0.00	0.00	7.49	18.28	0.03	39.96	0.679
GC950	26.92	0.00	0.00	16.97	9.39	0.01	6.32	0.349
GC951	26.92	0.00	0.00	17.14	9.21	0.01	7.38	0.342
GC952	26.92	0.00	0.00	7.58	18.17	0.04	45.29	0.675
GC953	26.92	0.00	0.00	7.68	18.05	0.06	59.89	0.671
GC954	26.92	0.00	0.00	16.93	9.43	0.01	7.54	0.350
GC955	26.92	0.00	0.00	16.80	9.56	0.01	6.59	0.355
GC956	26.92	0.00	0.00	17.09	9.27	0.01	6.69	0.344
GC957	26.92	0.00	0.00	13.01	13.11	0.01	7.35	0.487
GC958	26.92	0.00	0.00	17.27	9.09	0.01	9.41	0.338
GC959	26.92	0.00	0.00	17.10	9.26	0.01	6.12	0.344
GC96	26.92	0.00	0.00	16.88	9.48	0.01	6.50	0.352
GC960	26.92	0.00	0.00	17.35	9.01	0.01	7.14	0.335
GC961	26.92	0.00	0.00	17.07	9.28	0.01	8.20	0.345
GC962	26.92	0.00	0.00	17.39	8.97	0.01	7.01	0.333
GC963	26.92	0.00	0.00	16.82	9.54	0.01	6.95	0.354
GC964	26.92	0.00	0.00	17.08	9.27	0.01	7.16	0.345
GC965	26.92	0.00	0.00	13.30	12.81	0.01	10.77	0.476
GC966	26.92	0.00	0.00	13.50	12.61	0.01	6.84	0.469
GC967	26.92	0.00	0.00	17.08	9.28	0.01	6.69	0.345
GC968	26.92	0.00	0.00	16.96	9.40	0.01	6.94	0.349
GC969	26.92	0.00	0.00	16.93	9.43	0.01	7.02	0.350
GC97	26.92	0.00	0.00	17.06	9.30	0.01	6.20	0.346
GC970	26.92	0.00	0.00	17.03	9.33	0.01	7.17	0.346
GC971	26.92	0.00	0.00	17.04	9.32	0.01	7.53	0.346
GC972	26.92	0.00	0.00	17.07	9.29	0.01	8.03	0.345
GC973	26.92	0.00	0.00	17.25	9.11	0.01	5.85	0.338
GC974	26.92	0.00	0.00	17.02	9.34	0.01	6.29	0.347
GC975	26.92	0.00	0.00	17.40	8.96	0.01	8.97	0.333

GC976	26.92	0.00	0.00	17.42	8.94	0.01	9.26	0.332
GC977	26.92	0.00	0.00	16.92	9.44	0.01	7.53	0.351
GC978	26.92	0.00	0.00	17.27	9.09	0.01	9.50	0.338
GC979	26.92	0.00	0.00	13.00	13.11	0.01	7.39	0.487
GC98	26.92	0.00	0.00	13.72	12.39	0.01	9.87	0.460
GC980	26.92	0.00	0.00	17.23	9.13	0.01	8.71	0.339
GC981	26.92	0.00	0.00	17.33	9.02	0.01	7.59	0.335
GC982	26.92	0.00	0.00	7.31	18.48	0.02	26.99	0.687
GC983	26.92	0.00	0.00	17.62	8.74	0.01	10.06	0.325
GC984	26.92	0.00	0.00	17.13	9.23	0.01	7.56	0.343
GC985	26.92	0.00	0.00	17.27	9.08	0.01	7.80	0.337
GC986	26.92	0.00	0.00	17.37	8.98	0.01	7.57	0.334
GC987	26.92	0.00	0.00	17.31	9.04	0.01	7.78	0.336
GC988	26.92	0.00	0.00	17.24	9.11	0.01	7.97	0.339
GC989	26.92	0.00	0.00	17.21	9.14	0.01	7.98	0.340
GC99	26.92	0.00	0.00	13.24	12.87	0.01	10.21	0.478
GC990	26.92	0.00	0.00	17.11	9.25	0.01	6.08	0.344
GC991	26.92	0.00	0.00	16.87	9.49	0.01	6.77	0.353
GC992	26.92	0.00	0.00	17.53	8.83	0.01	8.57	0.328
GC993	26.92	0.00	0.00	17.08	9.28	0.01	7.84	0.345
GC994	26.92	0.00	0.00	13.36	12.76	0.01	6.40	0.474
GC995	26.92	0.00	0.00	7.38	18.40	0.02	26.80	0.684
GC996	26.92	0.00	0.00	17.00	9.36	0.01	7.33	0.348
GC997	26.92	0.00	0.00	16.02	10.26	0.01	7.29	0.381
GC998	26.92	0.00	0.00	17.22	9.14	0.01	7.61	0.340
GC999	26.92	0.00	0.00	17.00	9.35	0.01	7.58	0.348
S1	26.92	0.00	0.00	25.50	1.34	0.04	26.82	0.050
S1_1	26.92	0.00	0.00	7.66	18.08	0.09	87.91	0.672
S1_10	26.92	0.00	0.00	13.39	12.73	0.02	22.92	0.473
S1_11	26.92	0.00	0.00	13.82	12.29	0.12	138.60	0.457
S1_12	26.92	0.00	0.00	7.58	18.18	0.07	72.37	0.675
S1_13	26.92	0.00	0.00	13.61	12.51	0.09	110.16	0.465
S1_14	26.92	0.00	0.00	14.06	12.05	0.14	152.68	0.448
S1_15	26.92	0.00	0.00	13.34	12.77	0.07	81.72	0.474
S1_16	26.92	0.00	0.00	14.44	11.65	0.24	252.32	0.433
S1_17	26.92	0.00	0.00	13.48	12.63	0.08	95.85	0.469
S1_18	26.92	0.00	0.00	15.16	10.87	0.94	743.12	0.404
S1_19	26.92	0.00	0.00	13.12	13.00	0.02	28.76	0.483
S1_2	26.92	0.00	0.00	26.50	0.33	0.09	47.56	0.012
S1_20	26.92	0.00	0.00	13.32	12.79	0.03	37.12	0.475
S1_21	26.92	0.00	0.00	7.40	18.38	0.04	45.03	0.683
S1_22	26.92	0.00	0.00	13.88	12.23	0.13	147.79	0.454
S1_23	26.92	0.00	0.00	7.65	18.09	0.09	86.19	0.672
S1_25	26.92	0.00	0.00	13.23	12.89	0.03	33.02	0.479
S1_26	26.92	0.00	0.00	13.18	12.94	0.02	31.01	0.481
S1_27	26.92	0.00	0.00	13.49	12.62	0.04	51.62	0.469
S1_28	26.92	0.00	0.00	7.34	18.44	0.03	37.95	0.685
S1_29	26.92	0.00	0.00	13.37	12.74	0.05	61.93	0.473
S1_3	26.92	0.00	0.00	13.37	12.75	0.05	61.63	0.474
S1_30	26.92	0.00	0.00	13.41	12.71	0.03	41.15	0.472
S1_31	26.92	0.00	0.00	13.51	12.61	0.07	85.59	0.468
S1_32	26.92	0.00	0.00	7.10	18.69	0.01	17.62	0.694
S1_33	26.92	0.00	0.00	13.63	12.49	0.12	142.76	0.464
S1_34	26.92	0.00	0.00	13.23	12.88	0.03	33.24	0.479
S1_35	26.92	0.00	0.00	13.45	12.66	0.10	117.61	0.470
S1_4	26.92	0.00	0.00	7.39	18.39	0.04	44.12	0.683
S1_5	26.92	0.00	0.00	26.18	0.66	0.02	11.89	0.025
S1_6	26.92	0.00	0.00	13.56	12.55	0.09	104.81	0.466
S1_7	26.92	0.00	0.00	7.45	18.32	0.04	52.02	0.681
S1_8	26.92	0.00	0.00	7.54	18.23	0.06	64.98	0.677
S1_9	26.92	0.00	0.00	13.58	12.53	0.09	107.26	0.466
S10	26.92	0.00	0.00	20.42	6.01	0.08	71.12	0.223
S10_1	26.92	0.00	0.00	7.78	17.90	0.10	78.47	0.665
S10_2	26.92	0.00	0.00	7.36	18.42	0.02	26.81	0.684
S1001	26.92	0.00	0.00	17.28	9.07	0.01	8.05	0.337
S1002	26.92	0.00	0.00	17.15	9.21	0.01	7.62	0.342
S1003	26.92	0.00	0.00	17.72	8.64	0.01	13.66	0.321
S1011	26.92	0.00	0.00	16.85	9.50	0.01	6.95	0.353
S1023	26.92	0.00	0.00	17.07	9.29	0.01	9.10	0.345
S1030	26.92	0.00	0.00	16.98	9.38	0.01	7.00	0.348
S1034	26.92	0.00	0.00	17.01	9.35	0.01	6.95	0.347
S1037	26.92	0.00	0.00	16.73	9.63	0.00	6.45	0.358
S1039	26.92	0.00	0.00	16.97	9.39	0.01	6.64	0.349
S1040	26.92	0.00	0.00	16.87	9.49	0.01	6.90	0.353
S1041	26.92	0.00	0.00	16.87	9.49	0.01	6.88	0.353

S1042	26.92	0.00	0.00	17.43	8.93	0.01	7.76	0.332
S1044	26.92	0.00	0.00	16.86	9.50	0.01	6.72	0.353
S1045	26.92	0.00	0.00	16.76	9.60	0.01	7.09	0.357
S1047	26.92	0.00	0.00	17.00	9.36	0.01	6.76	0.348
S1048	26.92	0.00	0.00	16.93	9.42	0.01	7.89	0.350
S1051	26.92	0.00	0.00	17.01	9.34	0.01	6.56	0.347
S1053	26.92	0.00	0.00	16.83	9.53	0.01	7.02	0.354
S1054	26.92	0.00	0.00	17.03	9.33	0.01	6.72	0.347
S1055	26.92	0.00	0.00	16.91	9.45	0.01	6.81	0.351
S1057	26.92	0.00	0.00	17.13	9.23	0.01	7.06	0.343
S1058	26.92	0.00	0.00	17.14	9.21	0.01	8.00	0.342
S1060	26.92	0.00	0.00	16.77	9.59	0.01	6.89	0.356
S1061	26.92	0.00	0.00	17.38	8.97	0.01	7.92	0.333
S1063	26.92	0.00	0.00	17.05	9.31	0.01	8.40	0.346
S1064	26.92	0.00	0.00	16.92	9.43	0.01	7.04	0.350
S1069	26.92	0.00	0.00	10.00	15.87	0.01	13.26	0.590
S1071	26.92	0.00	0.00	10.03	15.84	0.02	24.59	0.588
S1075	26.92	0.00	0.00	17.04	9.32	0.01	6.86	0.346
S1076	26.92	0.00	0.00	17.32	9.04	0.01	10.15	0.336
S1077	26.92	0.00	0.00	17.44	8.92	0.01	9.84	0.331
S1079	26.92	0.00	0.00	16.96	9.40	0.01	6.55	0.349
S1080	26.92	0.00	0.00	16.92	9.44	0.01	7.17	0.351
S1081	26.92	0.00	0.00	16.83	9.53	0.01	6.75	0.354
S1082	26.92	0.00	0.00	17.55	8.80	0.01	8.50	0.327
S1083	26.92	0.00	0.00	16.97	9.39	0.01	6.93	0.349
S1087	26.92	0.00	0.00	17.03	9.33	0.01	8.00	0.347
S1090	26.92	0.00	0.00	16.97	9.39	0.01	6.66	0.349
S1091	26.92	0.00	0.00	17.17	9.19	0.01	7.01	0.341
S1093	26.92	0.00	0.00	16.84	9.52	0.01	6.83	0.354
S1094	26.92	0.00	0.00	16.96	9.40	0.01	6.91	0.349
S1095	26.92	0.00	0.00	16.89	9.46	0.01	6.64	0.352
S1097	26.92	0.00	0.00	16.83	9.52	0.01	7.57	0.354
S1098	26.92	0.00	0.00	16.91	9.45	0.01	7.38	0.351
S11	26.92	0.00	0.00	7.84	17.78	0.13	92.05	0.660
S1100	26.92	0.00	0.00	17.06	9.30	0.01	6.65	0.345
S1114	26.92	0.00	0.00	17.13	9.23	0.01	6.14	0.343
S1115	26.92	0.00	0.00	17.01	9.35	0.01	6.57	0.347
S1116	26.92	0.00	0.00	17.00	9.36	0.01	8.03	0.348
S1117	26.92	0.00	0.00	17.27	9.09	0.01	7.30	0.338
S1118	26.92	0.00	0.00	7.39	18.40	0.03	31.36	0.683
S1120	26.92	0.00	0.00	17.17	9.19	0.01	6.73	0.341
S1125	26.92	0.00	0.00	17.09	9.27	0.01	6.15	0.344
S1127	26.92	0.00	0.00	17.02	9.34	0.01	6.78	0.347
S1128	26.92	0.00	0.00	16.92	9.44	0.01	7.17	0.351
S1129	26.92	0.00	0.00	17.15	9.21	0.01	6.85	0.342
S1130	26.92	0.00	0.00	17.06	9.30	0.01	6.84	0.345
S1132	26.92	0.00	0.00	17.18	9.17	0.01	6.59	0.341
S1133	26.92	0.00	0.00	17.37	8.98	0.01	7.80	0.334
S1134	26.92	0.00	0.00	16.97	9.39	0.01	6.95	0.349
S1135	26.92	0.00	0.00	17.40	8.96	0.01	8.84	0.333
S1136	26.92	0.00	0.00	9.96	15.91	0.01	13.46	0.591
S1138	26.92	0.00	0.00	17.05	9.31	0.01	6.28	0.346
S1139	26.92	0.00	0.00	17.52	8.84	0.01	8.88	0.328
S1140	26.92	0.00	0.00	16.99	9.36	0.01	6.44	0.348
S1141	26.92	0.00	0.00	16.73	9.63	0.01	6.62	0.358
S1142	26.92	0.00	0.00	16.82	9.54	0.01	6.39	0.355
S1143	26.92	0.00	0.00	17.04	9.32	0.01	6.70	0.346
S1144	26.92	0.00	0.00	17.16	9.20	0.01	7.85	0.342
S1145	26.92	0.00	0.00	17.25	9.11	0.01	7.52	0.339
S1147	26.92	0.00	0.00	17.51	8.85	0.01	8.56	0.329
S1150	26.92	0.00	0.00	17.09	9.27	0.01	6.13	0.344
S1153	26.92	0.00	0.00	17.06	9.30	0.01	7.49	0.346
S1154	26.92	0.00	0.00	17.70	8.66	0.01	12.62	0.322
S1155	26.92	0.00	0.00	17.27	9.09	0.01	8.18	0.338
S1157	26.92	0.00	0.00	17.28	9.08	0.01	8.50	0.337
S1167	26.92	0.00	0.00	17.11	9.25	0.01	7.60	0.343
S1175	26.92	0.00	0.00	17.03	9.32	0.01	6.90	0.346
S1176	26.92	0.00	0.00	17.07	9.29	0.01	6.17	0.345
S1178	26.92	0.00	0.00	17.81	8.54	0.02	19.38	0.317
S1184	26.92	0.00	0.00	16.80	9.56	0.01	7.35	0.355
S1185	26.92	0.00	0.00	17.07	9.29	0.01	7.47	0.345
S1186	26.92	0.00	0.00	17.31	9.04	0.01	8.98	0.336
S1188	26.92	0.00	0.00	17.30	9.06	0.01	7.83	0.337
S1193	26.92	0.00	0.00	17.11	9.24	0.01	6.13	0.343
S1194	26.92	0.00	0.00	17.34	9.02	0.01	8.73	0.335

S1196	26.92	0.00	0.00	16.92	9.43	0.01	6.94	0.350
S1197	26.92	0.00	0.00	16.87	9.49	0.01	7.07	0.352
S1198	26.92	0.00	0.00	17.12	9.24	0.01	6.54	0.343
S1199	26.92	0.00	0.00	9.95	15.92	0.01	13.51	0.591
S12	26.92	0.00	0.00	22.04	4.35	0.54	393.53	0.162
S12_1	26.92	0.00	0.00	7.47	18.30	0.03	34.50	0.680
S12_2	26.92	0.00	0.00	7.72	17.99	0.07	67.51	0.668
S12_4	26.92	0.00	0.00	7.41	18.37	0.03	30.21	0.682
S12_5	26.92	0.00	0.00	7.68	18.05	0.06	61.72	0.670
S12_6	26.92	0.00	0.00	7.45	18.33	0.03	33.10	0.681
S12_7	26.92	0.00	0.00	7.58	18.18	0.04	47.45	0.675
S12_8	26.92	0.00	0.00	7.61	18.13	0.05	54.56	0.674
S12_9	26.92	0.00	0.00	7.53	18.23	0.04	43.78	0.677
S1201	26.92	0.00	0.00	17.26	9.10	0.01	7.91	0.338
S1202	26.92	0.00	0.00	17.11	9.25	0.01	7.38	0.344
S1204	26.92	0.00	0.00	17.16	9.19	0.01	8.10	0.342
S1205	26.92	0.00	0.00	15.93	10.35	0.01	7.35	0.384
S1206	26.92	0.00	0.00	17.16	9.20	0.01	7.12	0.342
S1207	26.92	0.00	0.00	17.21	9.15	0.01	8.35	0.340
S1208	26.92	0.00	0.00	10.09	15.77	0.03	28.83	0.586
S1212	26.92	0.00	0.00	17.30	9.06	0.01	10.14	0.337
S1216	26.92	0.00	0.00	17.08	9.28	0.01	7.43	0.345
S1218	26.92	0.00	0.00	17.35	9.00	0.01	7.79	0.334
S1220	26.92	0.00	0.00	17.51	8.84	0.01	10.10	0.329
S1233	26.92	0.00	0.00	17.09	9.27	0.01	7.99	0.344
S1234	26.92	0.00	0.00	17.32	9.04	0.01	7.98	0.336
S1235	26.92	0.00	0.00	16.92	9.43	0.01	6.97	0.350
S1236	26.92	0.00	0.00	16.89	9.47	0.01	7.05	0.352
S1237	26.92	0.00	0.00	17.02	9.34	0.01	6.76	0.347
S1239	26.92	0.00	0.00	15.77	10.51	0.01	7.22	0.390
S1242	26.92	0.00	0.00	17.17	9.18	0.01	7.71	0.341
S1244	26.92	0.00	0.00	17.39	8.97	0.01	9.34	0.333
S1246	26.92	0.00	0.00	17.05	9.31	0.01	7.36	0.346
S1248	26.92	0.00	0.00	17.04	9.32	0.01	7.08	0.346
S1250	26.92	0.00	0.00	17.30	9.06	0.01	6.99	0.337
S1251	26.92	0.00	0.00	16.79	9.57	0.01	7.08	0.355
S1252	26.92	0.00	0.00	17.06	9.30	0.01	8.07	0.345
S1254	26.92	0.00	0.00	17.19	9.17	0.01	9.02	0.341
S1255	26.92	0.00	0.00	16.98	9.38	0.01	6.88	0.348
S1256	26.92	0.00	0.00	17.03	9.32	0.01	6.90	0.346
S1257	26.92	0.00	0.00	16.88	9.48	0.01	7.13	0.352
S1258	26.92	0.00	0.00	17.14	9.21	0.01	6.65	0.342
S1260	26.92	0.00	0.00	17.22	9.14	0.01	8.89	0.340
S1261	26.92	0.00	0.00	15.87	10.41	0.01	6.85	0.387
S1263	26.92	0.00	0.00	18.17	8.19	0.02	18.89	0.304
S1265	26.92	0.00	0.00	16.91	9.45	0.01	6.56	0.351
S1266	26.92	0.00	0.00	17.26	9.10	0.01	8.09	0.338
S1267	26.92	0.00	0.00	16.95	9.41	0.01	7.78	0.350
S1273	26.92	0.00	0.00	17.00	9.36	0.01	6.94	0.348
S1274	26.92	0.00	0.00	16.90	9.46	0.01	7.22	0.352
S1275	26.92	0.00	0.00	16.89	9.47	0.01	7.13	0.352
S1276	26.92	0.00	0.00	9.83	16.05	0.02	18.74	0.596
S1277	26.92	0.00	0.00	17.04	9.31	0.01	8.10	0.346
S1278	26.92	0.00	0.00	9.97	15.90	0.02	18.35	0.591
S1279	26.92	0.00	0.00	17.58	8.78	0.01	11.62	0.326
S1280	26.92	0.00	0.00	16.97	9.39	0.01	6.52	0.349
S1281	26.92	0.00	0.00	16.96	9.40	0.01	6.79	0.349
S1282	26.92	0.00	0.00	16.95	9.40	0.01	6.81	0.349
S1283	26.92	0.00	0.00	17.10	9.26	0.01	6.73	0.344
S1284	26.92	0.00	0.00	16.93	9.42	0.01	7.11	0.350
S1289	26.92	0.00	0.00	17.58	8.78	0.01	10.14	0.326
S1290	26.92	0.00	0.00	17.01	9.35	0.01	7.45	0.347
S1291	26.92	0.00	0.00	17.20	9.15	0.01	6.74	0.340
S1292	26.92	0.00	0.00	17.23	9.12	0.01	7.59	0.339
S1293	26.92	0.00	0.00	16.88	9.47	0.01	6.65	0.352
S1294	26.92	0.00	0.00	17.58	8.78	0.01	9.21	0.326
S1295	26.92	0.00	0.00	17.14	9.22	0.01	7.88	0.343
S1297	26.92	0.00	0.00	15.89	10.38	0.01	7.12	0.386
S1298	26.92	0.00	0.00	17.61	8.74	0.01	12.11	0.325
S1299	26.92	0.00	0.00	17.32	9.04	0.01	9.46	0.336
S13	26.92	0.00	0.00	10.09	15.78	0.02	28.29	0.586
S1305	26.92	0.00	0.00	16.91	9.45	0.01	6.60	0.351
S1311	26.92	0.00	0.00	17.16	9.20	0.01	8.43	0.342
S1312	26.92	0.00	0.00	17.38	8.97	0.01	7.29	0.333
S1320	26.92	0.00	0.00	16.84	9.52	0.01	6.77	0.354

S1326	26.92	0.00	0.00	17.20	9.16	0.01	6.15	0.340
S1329	26.92	0.00	0.00	17.29	9.07	0.01	8.18	0.337
S133	26.92	0.00	0.00	19.57	6.73	0.04	32.97	0.250
S1331	26.92	0.00	0.00	17.22	9.13	0.01	7.64	0.339
S1333	26.92	0.00	0.00	17.84	8.52	0.02	16.50	0.317
S1334	26.92	0.00	0.00	17.05	9.31	0.01	7.35	0.346
S1338	26.92	0.00	0.00	15.90	10.38	0.01	7.59	0.385
S1339	26.92	0.00	0.00	16.84	9.52	0.01	6.77	0.354
S1340	26.92	0.00	0.00	17.06	9.30	0.01	7.01	0.345
S1341	26.92	0.00	0.00	17.52	8.84	0.01	10.61	0.328
S1342	26.92	0.00	0.00	17.07	9.29	0.01	6.39	0.345
S1346	26.92	0.00	0.00	17.18	9.17	0.01	6.13	0.341
S1347	26.92	0.00	0.00	17.22	9.14	0.01	7.64	0.340
S1351	26.92	0.00	0.00	16.83	9.53	0.01	6.79	0.354
S1352	26.92	0.00	0.00	16.57	9.70	0.01	7.83	0.360
S1353	26.92	0.00	0.00	17.35	9.01	0.01	8.01	0.335
S1359	26.92	0.00	0.00	16.16	10.12	0.00	5.52	0.376
S1360	26.92	0.00	0.00	17.09	9.27	0.01	6.92	0.344
S1361	26.92	0.00	0.00	17.67	8.69	0.01	9.93	0.323
S1362	26.92	0.00	0.00	17.51	8.85	0.01	9.37	0.329
S1366	26.92	0.00	0.00	17.58	8.77	0.01	9.10	0.326
S1367	26.92	0.00	0.00	16.15	10.13	0.00	5.41	0.376
S1370	26.92	0.00	0.00	17.00	9.36	0.01	7.48	0.348
S1371	26.92	0.00	0.00	17.43	8.93	0.01	9.16	0.332
S1373	26.92	0.00	0.00	17.18	9.18	0.01	6.79	0.341
S1374	26.92	0.00	0.00	16.14	10.14	0.00	5.27	0.377
S1376	26.92	0.00	0.00	17.79	8.57	0.01	13.04	0.318
S1381	26.92	0.00	0.00	16.02	10.26	0.00	5.15	0.381
S1386	26.92	0.00	0.00	17.37	8.98	0.01	8.26	0.334
S1387	26.92	0.00	0.00	17.03	9.33	0.01	7.11	0.347
S1390	26.92	0.00	0.00	15.98	10.30	0.01	7.71	0.383
S1391	26.92	0.00	0.00	16.13	10.15	0.00	5.08	0.377
S1392	26.92	0.00	0.00	17.47	8.89	0.01	8.78	0.330
S1393	26.92	0.00	0.00	17.14	9.22	0.01	8.63	0.342
S1394	26.92	0.00	0.00	17.14	9.22	0.01	8.75	0.343
S1395	26.92	0.00	0.00	17.14	9.22	0.01	8.81	0.342
S1396	26.92	0.00	0.00	17.17	9.19	0.01	8.69	0.341
S1397	26.92	0.00	0.00	17.19	9.17	0.01	8.70	0.341
S1398	26.92	0.00	0.00	17.21	9.15	0.01	8.63	0.340
S1399	26.92	0.00	0.00	17.12	9.24	0.01	8.90	0.343
S14	26.92	0.00	0.00	25.73	1.11	0.01	5.01	0.041
S1401	26.92	0.00	0.00	17.53	8.83	0.01	10.34	0.328
S1405	26.92	0.00	0.00	16.99	9.36	0.01	6.39	0.348
S1406	26.92	0.00	0.00	16.04	10.23	0.00	5.20	0.380
S1407	26.92	0.00	0.00	17.12	9.24	0.01	7.32	0.343
S1409	26.92	0.00	0.00	17.01	9.34	0.01	6.81	0.347
S1410	26.92	0.00	0.00	17.06	9.30	0.01	6.85	0.346
S1411	26.92	0.00	0.00	17.08	9.27	0.01	6.66	0.345
S1412	26.92	0.00	0.00	13.18	12.93	0.00	5.40	0.480
S1413	26.92	0.00	0.00	16.01	10.27	0.00	5.22	0.381
S1417	26.92	0.00	0.00	16.98	9.38	0.01	6.68	0.348
S1421	26.92	0.00	0.00	17.28	9.08	0.01	7.17	0.337
S1422	26.92	0.00	0.00	17.08	9.28	0.01	6.94	0.345
S1423	26.92	0.00	0.00	15.88	10.40	0.01	6.83	0.386
S1424	26.92	0.00	0.00	13.17	12.94	0.00	5.45	0.481
S1425	26.92	0.00	0.00	16.00	10.28	0.00	5.23	0.382
S1428	26.92	0.00	0.00	17.21	9.15	0.01	8.14	0.340
S1429	26.92	0.00	0.00	17.01	9.35	0.01	6.63	0.347
S1430	26.92	0.00	0.00	16.01	10.27	0.00	5.25	0.382
S1433	26.92	0.00	0.00	13.14	12.97	0.00	5.53	0.482
S1436	26.92	0.00	0.00	15.99	10.29	0.00	5.30	0.382
S1444	26.92	0.00	0.00	16.92	9.44	0.01	6.84	0.351
S1445	26.92	0.00	0.00	15.64	10.64	0.01	7.87	0.395
S1446	26.92	0.00	0.00	16.17	10.10	0.00	5.71	0.375
S1449	26.92	0.00	0.00	13.22	12.89	0.00	5.42	0.479
S1454	26.92	0.00	0.00	17.22	9.14	0.01	7.48	0.339
S1463	26.92	0.00	0.00	13.27	12.85	0.01	8.40	0.477
S1464	26.92	0.00	0.00	16.91	9.45	0.01	6.80	0.351
S1465	26.92	0.00	0.00	13.29	12.83	0.00	5.77	0.477
S1468	26.92	0.00	0.00	17.13	9.23	0.01	7.61	0.343
S1469	26.92	0.00	0.00	13.27	12.84	0.01	7.38	0.477
S1470	26.92	0.00	0.00	17.17	9.18	0.01	7.70	0.341
S1471	26.92	0.00	0.00	17.30	9.06	0.01	9.21	0.336
S1472	26.92	0.00	0.00	15.64	10.64	0.01	7.58	0.395
S1476	26.92	0.00	0.00	13.28	12.84	0.00	5.78	0.477

S1477	26.92	0.00	0.00	16.24	10.03	0.01	6.06	0.373
S1480	26.92	0.00	0.00	13.21	12.91	0.01	6.89	0.480
S1481	26.92	0.00	0.00	16.33	9.94	0.01	6.68	0.369
S1483	26.92	0.00	0.00	16.24	10.04	0.01	6.12	0.373
S1484	26.92	0.00	0.00	16.88	9.48	0.01	7.12	0.352
S1486	26.92	0.00	0.00	16.15	10.13	0.01	5.85	0.376
S1488	26.92	0.00	0.00	16.28	9.99	0.01	7.09	0.371
S1489	26.92	0.00	0.00	16.24	10.03	0.01	6.28	0.373
S1491	26.92	0.00	0.00	17.68	8.67	0.01	10.83	0.322
S1495	26.92	0.00	0.00	10.16	15.71	0.02	23.19	0.584
S1496	26.92	0.00	0.00	13.20	12.92	0.01	6.92	0.480
S1497	26.92	0.00	0.00	16.38	9.89	0.01	6.09	0.368
S1498	26.92	0.00	0.00	15.97	10.31	0.00	5.26	0.383
S1499	26.92	0.00	0.00	13.28	12.84	0.01	6.29	0.477
S15	26.92	0.00	0.00	26.15	0.68	0.03	19.29	0.025
S1502	26.92	0.00	0.00	16.25	10.03	0.01	6.27	0.373
S1504	26.92	0.00	0.00	13.16	12.96	0.01	7.00	0.481
S1505	26.92	0.00	0.00	15.92	10.36	0.01	6.71	0.385
S1506	26.92	0.00	0.00	16.04	10.24	0.00	5.16	0.380
S1507	26.92	0.00	0.00	16.31	9.97	0.01	6.19	0.370
S1508	26.92	0.00	0.00	16.92	9.44	0.01	7.54	0.351
S1509	26.92	0.00	0.00	16.26	10.02	0.01	6.26	0.372
S151	26.92	0.00	0.00	19.66	6.64	0.05	36.15	0.247
S1511	26.92	0.00	0.00	13.25	12.86	0.01	11.79	0.478
S1514	26.92	0.00	0.00	13.17	12.95	0.01	6.99	0.481
S1517	26.92	0.00	0.00	15.96	10.32	0.00	5.35	0.383
S1518	26.92	0.00	0.00	17.41	8.95	0.01	9.39	0.332
S1519	26.92	0.00	0.00	16.24	10.04	0.01	6.29	0.373
S1522	26.92	0.00	0.00	17.56	8.80	0.01	10.85	0.327
S1523	26.92	0.00	0.00	13.18	12.93	0.01	6.97	0.480
S1525	26.92	0.00	0.00	16.00	10.28	0.00	5.23	0.382
S1526	26.92	0.00	0.00	16.12	10.16	0.00	5.79	0.377
S1530	26.92	0.00	0.00	15.72	10.56	0.00	3.34	0.392
S1532	26.92	0.00	0.00	13.19	12.92	0.01	6.95	0.480
S1535	26.92	0.00	0.00	15.97	10.31	0.00	5.28	0.383
S1536	26.92	0.00	0.00	15.95	10.33	0.01	7.52	0.384
S1537	26.92	0.00	0.00	17.16	9.20	0.01	9.02	0.342
S1538	26.92	0.00	0.00	17.06	9.30	0.01	8.06	0.346
S1540	26.92	0.00	0.00	16.96	9.40	0.01	7.58	0.349
S1541	26.92	0.00	0.00	17.74	8.61	0.01	14.55	0.320
S1544	26.92	0.00	0.00	16.25	10.02	0.01	5.72	0.372
S1545	26.92	0.00	0.00	17.01	9.35	0.01	7.36	0.347
S1549	26.92	0.00	0.00	16.19	10.09	0.01	6.99	0.375
S1550	26.92	0.00	0.00	16.34	9.94	0.01	6.20	0.369
S1552	26.92	0.00	0.00	13.19	12.93	0.01	6.95	0.480
S1553	26.92	0.00	0.00	17.80	8.56	0.01	14.17	0.318
S1554	26.92	0.00	0.00	15.99	10.29	0.00	5.28	0.382
S1556	26.92	0.00	0.00	17.60	8.75	0.01	11.05	0.325
S1560	26.92	0.00	0.00	13.06	13.05	0.00	6.18	0.485
S1561	26.92	0.00	0.00	17.29	9.07	0.01	8.28	0.337
S1562	26.92	0.00	0.00	13.12	12.99	0.01	6.65	0.483
S1563	26.92	0.00	0.00	15.82	10.45	0.00	5.56	0.388
S1565	26.92	0.00	0.00	17.27	9.08	0.01	9.02	0.337
S1566	26.92	0.00	0.00	17.23	9.13	0.01	9.03	0.339
S1567	26.92	0.00	0.00	17.19	9.16	0.01	9.37	0.340
S1568	26.92	0.00	0.00	17.03	9.33	0.01	9.82	0.347
S1569	26.92	0.00	0.00	17.38	8.98	0.01	7.80	0.334
S1570	26.92	0.00	0.00	13.06	13.05	0.00	6.18	0.485
S1571	26.92	0.00	0.00	15.95	10.33	0.00	5.31	0.384
S1573	26.92	0.00	0.00	13.24	12.87	0.01	6.72	0.478
S1574	26.92	0.00	0.00	17.88	8.48	0.01	13.91	0.315
S1576	26.92	0.00	0.00	17.29	9.07	0.01	8.64	0.337
S1579	26.92	0.00	0.00	16.16	10.12	0.00	5.39	0.376
S1580	26.92	0.00	0.00	10.22	15.64	0.04	38.78	0.581
S1582	26.92	0.00	0.00	13.04	13.08	0.00	6.24	0.486
S1587	26.92	0.00	0.00	16.00	10.28	0.00	5.28	0.382
S1594	26.92	0.00	0.00	16.86	9.50	0.01	7.83	0.353
S1597	26.92	0.00	0.00	13.20	12.92	0.01	6.52	0.480
S1599	26.92	0.00	0.00	17.73	8.63	0.01	10.89	0.321
S16	26.92	0.00	0.00	25.80	1.04	0.02	14.07	0.039
S1601	26.92	0.00	0.00	13.05	13.07	0.00	6.23	0.486
S1605	26.92	0.00	0.00	15.93	10.35	0.00	5.32	0.385
S1606	26.92	0.00	0.00	16.32	9.96	0.00	5.53	0.370
S1608	26.92	0.00	0.00	9.83	16.05	0.01	13.17	0.596
S1609	26.92	0.00	0.00	13.18	12.94	0.01	6.55	0.481

S1612	26.92	0.00	0.00	15.86	10.42	0.01	7.24	0.387
S1614	26.92	0.00	0.00	13.18	12.93	0.01	6.26	0.480
S1616	26.92	0.00	0.00	13.43	12.68	0.01	9.82	0.471
S1617	26.92	0.00	0.00	16.11	10.17	0.00	5.35	0.378
S1618	26.92	0.00	0.00	17.10	9.25	0.01	6.75	0.344
S1620	26.92	0.00	0.00	15.93	10.35	0.00	5.62	0.384
S1622	26.92	0.00	0.00	17.04	9.32	0.01	6.17	0.346
S1623	26.92	0.00	0.00	17.12	9.23	0.01	9.35	0.343
S1624	26.92	0.00	0.00	13.21	12.91	0.01	6.22	0.479
S1626	26.92	0.00	0.00	16.00	10.28	0.01	7.43	0.382
S1627	26.92	0.00	0.00	13.12	13.00	0.00	6.06	0.483
S1628	26.92	0.00	0.00	17.36	8.99	0.01	9.74	0.334
S1630	26.92	0.00	0.00	17.08	9.27	0.01	6.47	0.345
S1632	26.92	0.00	0.00	16.08	10.20	0.00	4.88	0.379
S1633	26.92	0.00	0.00	13.21	12.91	0.01	6.22	0.479
S1634	26.92	0.00	0.00	16.03	10.25	0.00	5.00	0.381
S1635	26.92	0.00	0.00	13.13	12.98	0.00	6.04	0.482
S1642	26.92	0.00	0.00	16.26	10.01	0.00	5.07	0.372
S1643	26.92	0.00	0.00	16.99	9.37	0.01	7.48	0.348
S1649	26.92	0.00	0.00	13.19	12.92	0.01	6.24	0.480
S1650	26.92	0.00	0.00	16.20	10.08	0.00	5.15	0.375
S1652	26.92	0.00	0.00	13.13	12.98	0.00	6.04	0.482
S1654	26.92	0.00	0.00	17.58	8.77	0.01	9.91	0.326
S1656	26.92	0.00	0.00	9.91	15.96	0.01	14.69	0.593
S1658	26.92	0.00	0.00	17.67	8.68	0.01	13.02	0.323
S1659	26.92	0.00	0.00	16.12	10.16	0.00	5.24	0.377
S1660	26.92	0.00	0.00	18.35	5.18	0.92	120.44	0.192
S1661	26.92	0.00	0.00	13.21	12.91	0.00	6.19	0.480
S1663	26.92	0.00	0.00	17.35	9.01	0.01	8.02	0.335
S1664	26.92	0.00	0.00	13.10	13.02	0.00	6.11	0.484
S1665	26.92	0.00	0.00	16.03	10.24	0.01	7.15	0.381
S1666	26.92	0.00	0.00	13.17	12.95	0.00	6.03	0.481
S1668	26.92	0.00	0.00	16.06	10.21	0.01	5.99	0.379
S1670	26.92	0.00	0.00	17.10	9.26	0.01	6.76	0.344
S1671	26.92	0.00	0.00	13.11	13.01	0.00	6.11	0.483
S1672	26.92	0.00	0.00	13.47	12.65	0.01	8.86	0.470
S1673	26.92	0.00	0.00	16.10	10.17	0.00	4.84	0.378
S1675	26.92	0.00	0.00	9.66	16.21	0.01	7.65	0.602
S1678	26.92	0.00	0.00	13.10	13.02	0.00	6.11	0.484
S1681	26.92	0.00	0.00	13.91	12.20	0.01	13.24	0.453
S1682	26.92	0.00	0.00	17.39	8.97	0.01	8.58	0.333
S1687	26.92	0.00	0.00	16.06	10.21	0.00	5.23	0.379
S1691	26.92	0.00	0.00	17.44	8.92	0.01	11.05	0.331
S1693	26.92	0.00	0.00	13.11	13.01	0.00	6.09	0.483
S1694	26.92	0.00	0.00	15.68	10.60	0.01	8.86	0.394
S1695	26.92	0.00	0.00	9.69	16.18	0.01	7.52	0.601
S1697	26.92	0.00	0.00	16.94	9.42	0.01	7.47	0.350
S1698	26.92	0.00	0.00	15.97	10.31	0.00	5.47	0.383
S17	26.92	0.00	0.00	25.71	1.13	0.01	7.90	0.042
S1700	26.92	0.00	0.00	10.47	15.39	0.06	56.76	0.572
S1703	26.92	0.00	0.00	17.18	9.18	0.01	7.49	0.341
S1705	26.92	0.00	0.00	13.15	12.96	0.01	6.36	0.482
S1706	26.92	0.00	0.00	13.20	12.92	0.01	6.88	0.480
S1707	26.92	0.00	0.00	16.16	10.12	0.00	4.78	0.376
S1708	26.92	0.00	0.00	13.65	12.47	0.01	11.49	0.463
S1711	26.92	0.00	0.00	13.23	12.89	0.01	6.79	0.479
S1713	26.92	0.00	0.00	17.37	8.98	0.01	8.84	0.334
S1714	26.92	0.00	0.00	13.19	12.92	0.01	6.22	0.480
S1715	26.92	0.00	0.00	9.68	16.19	0.01	7.55	0.602
S1718	26.92	0.00	0.00	13.23	12.89	0.01	7.36	0.479
S1720	26.92	0.00	0.00	13.11	13.00	0.01	6.37	0.483
S1722	26.92	0.00	0.00	16.13	10.15	0.00	5.71	0.377
S1724	26.92	0.00	0.00	16.05	10.23	0.01	7.57	0.380
S1726	26.92	0.00	0.00	15.94	10.34	0.00	5.53	0.384
S1729	26.92	0.00	0.00	13.22	12.89	0.01	7.76	0.479
S1730	26.92	0.00	0.00	13.14	12.98	0.01	6.33	0.482
S1733	26.92	0.00	0.00	9.67	16.21	0.01	7.64	0.602
S1740	26.92	0.00	0.00	13.41	12.71	0.01	6.73	0.472
S1748	26.92	0.00	0.00	16.16	10.12	0.00	5.37	0.376
S1749	26.92	0.00	0.00	17.12	9.24	0.01	7.61	0.343
S1752	26.92	0.00	0.00	13.21	12.91	0.00	6.20	0.480
S1754	26.92	0.00	0.00	17.55	8.80	0.01	13.98	0.327
S1755	26.92	0.00	0.00	17.39	8.96	0.01	10.86	0.333
S1756	26.92	0.00	0.00	17.04	9.31	0.01	7.47	0.346
S1757	26.92	0.00	0.00	17.03	9.32	0.01	8.25	0.346

S1758	26.92	0.00	0.00	16.99	9.37	0.01	8.41	0.348
S1759	26.92	0.00	0.00	17.01	9.35	0.01	8.27	0.347
S1760	26.92	0.00	0.00	17.30	9.06	0.01	7.69	0.336
S1761	26.92	0.00	0.00	17.57	8.79	0.01	9.64	0.326
S1764	26.92	0.00	0.00	13.20	12.92	0.00	6.21	0.480
S1765	26.92	0.00	0.00	9.72	16.15	0.01	7.36	0.600
S1768	26.92	0.00	0.00	15.99	10.29	0.01	7.56	0.382
S1769	26.92	0.00	0.00	13.43	12.68	0.01	8.66	0.471
S1772	26.92	0.00	0.00	15.90	10.38	0.00	5.59	0.386
S1773	26.92	0.00	0.00	13.33	12.78	0.01	7.39	0.475
S1774	26.92	0.00	0.00	16.15	10.13	0.00	5.59	0.376
S1776	26.92	0.00	0.00	16.59	9.68	0.01	12.06	0.360
S1779	26.92	0.00	0.00	13.32	12.79	0.01	6.19	0.475
S1782	26.92	0.00	0.00	15.80	10.48	0.01	6.96	0.389
S1784	26.92	0.00	0.00	17.66	8.69	0.01	12.16	0.323
S1785	26.92	0.00	0.00	17.58	8.78	0.01	9.35	0.326
S1787	26.92	0.00	0.00	16.48	9.79	0.01	9.79	0.364
S1789	26.92	0.00	0.00	9.70	16.18	0.01	7.48	0.601
S1790	26.92	0.00	0.00	17.95	8.41	0.01	13.27	0.312
S1794	26.92	0.00	0.00	13.32	12.80	0.01	11.57	0.475
S1795	26.92	0.00	0.00	16.11	10.17	0.00	5.44	0.378
S1797	26.92	0.00	0.00	16.51	9.77	0.01	11.69	0.363
S18	26.92	0.00	0.00	7.70	18.01	0.07	60.76	0.669
S1803	26.92	0.00	0.00	17.12	9.24	0.01	7.51	0.343
S1804	26.92	0.00	0.00	17.07	9.29	0.01	7.57	0.345
S1806	26.92	0.00	0.00	13.17	12.95	0.01	11.81	0.481
S1807	26.92	0.00	0.00	13.27	12.84	0.01	7.37	0.477
S1808	26.92	0.00	0.00	16.11	10.16	0.01	8.03	0.378
S1811	26.92	0.00	0.00	13.35	12.77	0.01	6.67	0.474
S1812	26.92	0.00	0.00	15.94	10.34	0.00	5.51	0.384
S1814	26.92	0.00	0.00	9.64	16.24	0.01	7.79	0.603
S1816	26.92	0.00	0.00	16.59	9.68	0.01	11.31	0.360
S1817	26.92	0.00	0.00	16.11	10.16	0.01	8.81	0.378
S1818	26.92	0.00	0.00	17.14	9.22	0.01	7.27	0.342
S1820	26.92	0.00	0.00	17.09	9.27	0.01	6.62	0.344
S1822	26.92	0.00	0.00	17.42	8.93	0.01	9.67	0.332
S1826	26.92	0.00	0.00	16.06	10.21	0.01	8.11	0.379
S1827	26.92	0.00	0.00	16.12	10.16	0.00	5.43	0.377
S1829	26.92	0.00	0.00	9.63	16.25	0.01	7.88	0.604
S1831	26.92	0.00	0.00	13.32	12.79	0.01	7.19	0.475
S1833	26.92	0.00	0.00	16.14	10.14	0.01	7.63	0.377
S1835	26.92	0.00	0.00	13.21	12.90	0.01	6.54	0.479
S1836	26.92	0.00	0.00	17.32	9.03	0.01	9.55	0.336
S1837	26.92	0.00	0.00	16.04	10.24	0.01	7.88	0.380
S1841	26.92	0.00	0.00	17.01	9.35	0.01	6.32	0.347
S1842	26.92	0.00	0.00	16.02	10.26	0.00	5.21	0.381
S1843	26.92	0.00	0.00	16.15	10.12	0.01	9.02	0.376
S1847	26.92	0.00	0.00	16.64	9.64	0.01	11.94	0.358
S1848	26.92	0.00	0.00	9.72	16.15	0.01	7.36	0.600
S1851	26.92	0.00	0.00	13.31	12.80	0.01	7.44	0.476
S1852	26.92	0.00	0.00	13.24	12.87	0.01	6.37	0.478
S1853	26.92	0.00	0.00	13.19	12.93	0.01	6.42	0.480
S1855	26.92	0.00	0.00	13.21	12.91	0.01	6.38	0.480
S1856	26.92	0.00	0.00	13.13	12.99	0.01	6.53	0.483
S1857	26.92	0.00	0.00	13.15	12.96	0.01	6.47	0.482
S1858	26.92	0.00	0.00	13.24	12.88	0.01	6.31	0.478
S1859	26.92	0.00	0.00	13.21	12.90	0.01	6.36	0.479
S1860	26.92	0.00	0.00	13.16	12.95	0.01	6.46	0.481
S1861	26.92	0.00	0.00	13.18	12.94	0.01	6.42	0.481
S1862	26.92	0.00	0.00	13.12	12.99	0.01	6.54	0.483
S1863	26.92	0.00	0.00	9.89	15.98	0.01	7.69	0.594
S1864	26.92	0.00	0.00	13.25	12.87	0.01	6.38	0.478
S1865	26.92	0.00	0.00	16.55	9.72	0.01	11.06	0.361
S1866	26.92	0.00	0.00	17.23	9.13	0.01	7.11	0.339
S1867	26.92	0.00	0.00	9.92	15.95	0.01	8.41	0.592
S1868	26.92	0.00	0.00	17.12	9.24	0.01	7.76	0.343
S1872	26.92	0.00	0.00	16.00	10.27	0.01	7.60	0.382
S1873	26.92	0.00	0.00	17.47	8.88	0.01	8.02	0.330
S1874	26.92	0.00	0.00	16.04	10.24	0.00	5.38	0.380
S1875	26.92	0.00	0.00	16.02	10.25	0.00	5.08	0.381
S1876	26.92	0.00	0.00	15.96	10.32	0.00	5.18	0.383
S1877	26.92	0.00	0.00	16.13	10.15	0.00	5.41	0.377
S1878	26.92	0.00	0.00	16.09	10.19	0.01	5.90	0.378
S1879	26.92	0.00	0.00	9.75	16.13	0.01	7.26	0.599
S1880	26.92	0.00	0.00	17.52	8.84	0.01	9.50	0.328

S1887	26.92	0.00	0.00	16.85	9.51	0.01	6.72	0.353
S1894	26.92	0.00	0.00	16.74	9.53	0.01	13.58	0.354
S1898	26.92	0.00	0.00	16.13	10.15	0.01	8.36	0.377
S19	26.92	0.00	0.00	7.56	18.20	0.16	175.09	0.676
S1906	26.92	0.00	0.00	17.26	9.10	0.01	7.24	0.338
S1907	26.92	0.00	0.00	13.20	12.92	0.01	6.42	0.480
S1908	26.92	0.00	0.00	17.90	8.46	0.01	14.16	0.314
S1909	26.92	0.00	0.00	16.98	9.38	0.01	7.64	0.349
S1910	26.92	0.00	0.00	13.30	12.82	0.01	7.47	0.476
S1911	26.92	0.00	0.00	9.77	16.10	0.01	7.15	0.598
S1913	26.92	0.00	0.00	17.18	9.17	0.01	7.05	0.341
S1916	26.92	0.00	0.00	15.90	10.38	0.01	6.97	0.386
S1918	26.92	0.00	0.00	16.34	9.94	0.01	7.17	0.369
S1919	26.92	0.00	0.00	17.23	9.13	0.01	7.41	0.339
S1920	26.92	0.00	0.00	17.35	9.01	0.01	8.47	0.335
S1921	26.92	0.00	0.00	17.26	9.10	0.01	6.98	0.338
S1922	26.92	0.00	0.00	17.10	9.26	0.01	6.39	0.344
S1923	26.92	0.00	0.00	17.04	9.32	0.01	6.38	0.346
S1924	26.92	0.00	0.00	17.05	9.31	0.01	6.36	0.346
S1925	26.92	0.00	0.00	17.03	9.33	0.01	6.40	0.347
S1926	26.92	0.00	0.00	17.06	9.30	0.01	6.47	0.346
S1927	26.92	0.00	0.00	17.02	9.34	0.01	6.55	0.347
S1928	26.92	0.00	0.00	17.02	9.33	0.01	6.54	0.347
S1929	26.92	0.00	0.00	16.97	9.38	0.01	6.65	0.349
S1931	26.92	0.00	0.00	17.16	9.20	0.01	7.13	0.342
S1933	26.92	0.00	0.00	17.28	9.08	0.01	6.90	0.337
S1935	26.92	0.00	0.00	17.22	9.13	0.01	8.73	0.339
S1936	26.92	0.00	0.00	17.44	8.91	0.01	11.74	0.331
S1937	26.92	0.00	0.00	17.93	8.43	0.01	14.81	0.313
S1938	26.92	0.00	0.00	17.83	8.53	0.01	11.49	0.317
S1939	26.92	0.00	0.00	21.13	5.29	0.21	191.46	0.197
S1940	26.92	0.00	0.00	17.55	8.81	0.01	10.16	0.327
S1941	26.92	0.00	0.00	17.49	8.87	0.01	10.29	0.329
S1942	26.92	0.00	0.00	17.56	8.79	0.01	10.10	0.327
S1943	26.92	0.00	0.00	17.52	8.84	0.01	10.21	0.328
S1944	26.92	0.00	0.00	17.51	8.85	0.01	10.21	0.329
S1945	26.92	0.00	0.00	17.82	8.54	0.01	13.67	0.317
S1946	26.92	0.00	0.00	9.71	16.17	0.01	7.45	0.601
S1950	26.92	0.00	0.00	13.13	12.98	0.01	6.53	0.482
S1953	26.92	0.00	0.00	17.15	9.21	0.01	7.04	0.342
S1958	26.92	0.00	0.00	17.09	9.27	0.01	6.21	0.344
S1960	26.92	0.00	0.00	16.26	10.02	0.01	9.31	0.372
S1961	26.92	0.00	0.00	17.20	9.16	0.01	6.63	0.340
S1963	26.92	0.00	0.00	17.06	9.29	0.01	6.25	0.345
S1964	26.92	0.00	0.00	13.18	12.93	0.01	6.41	0.480
S1965	26.92	0.00	0.00	16.89	9.47	0.01	7.13	0.352
S1970	26.92	0.00	0.00	17.16	9.19	0.01	6.42	0.342
S1973	26.92	0.00	0.00	17.02	9.34	0.01	6.33	0.347
S1978	26.92	0.00	0.00	13.13	12.99	0.01	6.53	0.483
S1979	26.92	0.00	0.00	17.57	8.78	0.01	9.21	0.326
S1980	26.92	0.00	0.00	17.08	9.28	0.01	6.59	0.345
S1986	26.92	0.00	0.00	17.12	9.24	0.01	6.18	0.343
S1988	26.92	0.00	0.00	13.18	12.93	0.00	5.61	0.480
S1989	26.92	0.00	0.00	17.06	9.29	0.00	3.88	0.345
S1990	26.92	0.00	0.00	17.11	9.25	0.00	3.83	0.344
S1991	26.92	0.00	0.00	17.16	9.20	0.00	3.77	0.342
S1992	26.92	0.00	0.00	17.02	9.34	0.00	3.94	0.347
S1993	26.92	0.00	0.00	17.02	9.33	0.00	3.93	0.347
S1994	26.92	0.00	0.00	16.85	9.43	0.01	9.99	0.350
S1995	26.92	0.00	0.00	17.03	9.33	0.00	3.92	0.346
S1996	26.92	0.00	0.00	17.07	9.29	0.00	3.87	0.345
S1997	26.92	0.00	0.00	9.73	16.15	0.01	7.34	0.600
S1998	26.92	0.00	0.00	16.57	9.70	0.01	7.92	0.360
S1999	26.92	0.00	0.00	9.73	16.15	0.01	7.35	0.600
S2	26.92	0.00	0.00	5.28	19.61	12.30	4405.35	0.728
S20	26.92	0.00	0.00	4.98	20.60	0.25	256.11	0.765
S2000	26.92	0.00	0.00	16.12	10.15	0.00	5.48	0.377
S2001	26.92	0.00	0.00	15.96	10.32	0.00	4.93	0.383
S2002	26.92	0.00	0.00	16.25	10.03	0.01	5.83	0.372
S2003	26.92	0.00	0.00	16.21	10.07	0.01	5.89	0.374
S2004	26.92	0.00	0.00	15.94	10.34	0.00	5.08	0.384
S2005	26.92	0.00	0.00	16.09	10.19	0.00	5.22	0.379
S2007	26.92	0.00	0.00	17.14	9.22	0.01	6.28	0.343
S2012	26.92	0.00	0.00	17.39	8.97	0.01	7.97	0.333
S2014	26.92	0.00	0.00	13.08	13.03	0.00	6.24	0.484

S2016	26.92	0.00	0.00	13.18	12.94	0.01	8.89	0.481
S2018	26.92	0.00	0.00	13.23	12.88	0.01	9.65	0.479
S2019	26.92	0.00	0.00	13.30	12.81	0.00	5.43	0.476
S2020	26.92	0.00	0.00	17.10	9.26	0.00	3.84	0.344
S2021	26.92	0.00	0.00	17.10	9.26	0.00	3.84	0.344
S2022	26.92	0.00	0.00	17.18	9.18	0.00	3.75	0.341
S2023	26.92	0.00	0.00	17.03	9.33	0.00	3.92	0.347
S2024	26.92	0.00	0.00	17.16	9.19	0.00	3.77	0.342
S2025	26.92	0.00	0.00	17.07	9.29	0.01	6.22	0.345
S2027	26.92	0.00	0.00	16.94	9.41	0.00	4.04	0.350
S2028	26.92	0.00	0.00	17.13	9.23	0.00	3.80	0.343
S2029	26.92	0.00	0.00	9.70	16.17	0.01	7.47	0.601
S2030	26.92	0.00	0.00	9.68	16.20	0.01	7.58	0.602
S2031	26.92	0.00	0.00	17.10	9.25	0.01	6.72	0.344
S2032	26.92	0.00	0.00	24.73	2.10	0.00	3.33	0.078
S2033	26.92	0.00	0.00	17.33	9.03	0.01	7.34	0.335
S2035	26.92	0.00	0.00	16.33	9.95	0.01	11.62	0.370
S2039	26.92	0.00	0.00	17.08	9.28	0.01	6.75	0.345
S2053	26.92	0.00	0.00	13.17	12.94	0.00	5.63	0.481
S2054	26.92	0.00	0.00	16.98	9.38	0.00	3.99	0.348
S2056	26.92	0.00	0.00	17.20	9.15	0.00	3.72	0.340
S2057	26.92	0.00	0.00	17.07	9.29	0.00	3.88	0.345
S2058	26.92	0.00	0.00	17.07	9.29	0.00	3.87	0.345
S2060	26.92	0.00	0.00	17.15	9.21	0.00	3.78	0.342
S2061	26.92	0.00	0.00	17.22	9.13	0.01	9.74	0.339
S2063	26.92	0.00	0.00	16.97	9.39	0.00	4.00	0.349
S2064	26.92	0.00	0.00	16.97	9.39	0.00	4.01	0.349
S2065	26.92	0.00	0.00	9.73	16.14	0.01	7.31	0.600
S2067	26.92	0.00	0.00	9.69	16.19	0.01	7.53	0.601
S2070	26.92	0.00	0.00	17.88	8.47	0.02	18.76	0.315
S2072	26.92	0.00	0.00	17.17	9.18	0.01	10.32	0.341
S2074	26.92	0.00	0.00	17.05	9.31	0.01	6.81	0.346
S2075	26.92	0.00	0.00	17.41	8.94	0.01	12.41	0.332
S2076	26.92	0.00	0.00	10.64	15.21	0.12	119.10	0.565
S2077	26.92	0.00	0.00	17.09	9.27	0.01	6.48	0.344
S2079	26.92	0.00	0.00	17.10	9.26	0.01	6.68	0.344
S2080	26.92	0.00	0.00	17.11	9.24	0.01	6.45	0.343
S2081	26.92	0.00	0.00	17.22	9.14	0.01	6.77	0.340
S2086	26.92	0.00	0.00	17.38	8.98	0.01	7.79	0.333
S2087	26.92	0.00	0.00	13.16	12.95	0.01	8.90	0.481
S2088	26.92	0.00	0.00	13.22	12.90	0.01	9.69	0.479
S2089	26.92	0.00	0.00	13.33	12.78	0.00	5.39	0.475
S2090	26.92	0.00	0.00	17.16	9.20	0.00	3.77	0.342
S2091	26.92	0.00	0.00	17.12	9.23	0.00	3.81	0.343
S2092	26.92	0.00	0.00	17.09	9.27	0.00	3.85	0.344
S2093	26.92	0.00	0.00	17.14	9.21	0.00	3.79	0.342
S2094	26.92	0.00	0.00	17.06	9.30	0.00	3.88	0.345
S2095	26.92	0.00	0.00	17.21	9.15	0.00	3.70	0.340
S2096	26.92	0.00	0.00	17.07	9.29	0.00	3.87	0.345
S2097	26.92	0.00	0.00	17.08	9.27	0.00	3.86	0.345
S2098	26.92	0.00	0.00	9.73	16.15	0.01	7.34	0.600
S2099	26.92	0.00	0.00	9.64	16.23	0.01	7.78	0.603
S21	26.92	0.00	0.00	7.63	18.12	0.37	384.58	0.673
S2105	26.92	0.00	0.00	17.13	9.22	0.01	6.56	0.343
S2107	26.92	0.00	0.00	17.11	9.25	0.01	6.40	0.344
S2109	26.92	0.00	0.00	13.18	12.94	0.00	5.61	0.481
S2110	26.92	0.00	0.00	17.19	9.17	0.00	3.74	0.341
S2111	26.92	0.00	0.00	17.06	9.29	0.00	3.88	0.345
S2112	26.92	0.00	0.00	17.24	9.11	0.00	3.68	0.339
S2113	26.92	0.00	0.00	17.19	9.17	0.00	3.74	0.341
S2114	26.92	0.00	0.00	17.03	9.33	0.00	3.93	0.347
S2115	26.92	0.00	0.00	17.28	9.08	0.00	3.65	0.337
S2116	26.92	0.00	0.00	17.05	9.31	0.00	3.89	0.346
S2117	26.92	0.00	0.00	17.18	9.18	0.00	3.75	0.341
S2118	26.92	0.00	0.00	9.73	16.14	0.01	7.33	0.600
S2119	26.92	0.00	0.00	9.73	16.15	0.01	7.34	0.600
S2126	26.92	0.00	0.00	17.11	9.25	0.01	6.36	0.344
S2131	26.92	0.00	0.00	13.19	12.93	0.01	8.84	0.480
S2132	26.92	0.00	0.00	13.17	12.95	0.01	9.84	0.481
S2133	26.92	0.00	0.00	13.19	12.93	0.00	5.60	0.480
S2134	26.92	0.00	0.00	17.11	9.25	0.00	3.83	0.344
S2135	26.92	0.00	0.00	17.10	9.26	0.00	3.84	0.344
S2136	26.92	0.00	0.00	17.15	9.21	0.00	3.79	0.342
S2137	26.92	0.00	0.00	17.16	9.20	0.00	3.77	0.342
S2138	26.92	0.00	0.00	17.01	9.35	0.00	3.95	0.347

S2139	26.92	0.00	0.00	17.07	9.28	0.00	3.87	0.345
S2140	26.92	0.00	0.00	16.95	9.41	0.00	4.02	0.349
S2141	26.92	0.00	0.00	17.16	9.19	0.00	3.77	0.342
S2142	26.92	0.00	0.00	9.72	16.15	0.01	7.37	0.600
S2143	26.92	0.00	0.00	9.74	16.14	0.01	7.30	0.600
S2144	26.92	0.00	0.00	17.11	9.25	0.01	6.60	0.344
S2147	26.92	0.00	0.00	17.19	9.17	0.01	6.69	0.341
S2148	26.92	0.00	0.00	17.16	9.20	0.01	6.21	0.342
S2150	26.92	0.00	0.00	17.09	9.27	0.01	6.64	0.344
S2152	26.92	0.00	0.00	13.22	12.89	0.00	5.55	0.479
S2153	26.92	0.00	0.00	17.15	9.21	0.00	3.78	0.342
S2154	26.92	0.00	0.00	17.14	9.22	0.00	3.79	0.342
S2155	26.92	0.00	0.00	17.23	9.13	0.00	3.70	0.339
S2156	26.92	0.00	0.00	17.10	9.25	0.00	3.83	0.344
S2157	26.92	0.00	0.00	16.89	9.47	0.00	4.12	0.352
S2158	26.92	0.00	0.00	17.18	9.18	0.00	3.75	0.341
S2159	26.92	0.00	0.00	17.08	9.28	0.01	6.19	0.345
S2161	26.92	0.00	0.00	16.33	9.95	0.01	7.81	0.370
S2162	26.92	0.00	0.00	17.03	9.33	0.00	3.92	0.347
S2163	26.92	0.00	0.00	9.77	16.11	0.01	7.18	0.598
S2164	26.92	0.00	0.00	9.71	16.17	0.01	7.42	0.601
S2168	26.92	0.00	0.00	16.20	10.08	0.01	8.79	0.374
S2170	26.92	0.00	0.00	17.12	9.24	0.01	6.26	0.343
S2171	26.92	0.00	0.00	17.07	9.29	0.01	6.80	0.345
S2175	26.92	0.00	0.00	16.14	10.14	0.01	8.51	0.377
S2180	26.92	0.00	0.00	13.19	12.92	0.01	8.81	0.480
S2181	26.92	0.00	0.00	13.21	12.91	0.01	9.72	0.480
S2184	26.92	0.00	0.00	13.26	12.86	0.00	5.49	0.478
S2185	26.92	0.00	0.00	17.05	9.31	0.00	3.90	0.346
S2186	26.92	0.00	0.00	17.08	9.28	0.00	3.86	0.345
S2187	26.92	0.00	0.00	17.25	9.11	0.00	3.68	0.338
S2188	26.92	0.00	0.00	17.11	9.25	0.00	3.83	0.344
S2189	26.92	0.00	0.00	17.02	9.34	0.00	3.93	0.347
S2190	26.92	0.00	0.00	16.97	9.39	0.00	4.00	0.349
S2191	26.92	0.00	0.00	17.46	8.90	0.01	10.56	0.331
S2193	26.92	0.00	0.00	17.01	9.34	0.00	3.94	0.347
S2194	26.92	0.00	0.00	9.75	16.12	0.01	7.23	0.599
S2195	26.92	0.00	0.00	9.70	16.18	0.01	7.48	0.601
S2196	26.92	0.00	0.00	17.30	9.06	0.01	7.78	0.336
S2199	26.92	0.00	0.00	17.05	9.31	0.01	6.43	0.346
S22	26.92	0.00	0.00	7.73	17.98	0.71	638.66	0.668
S2204	26.92	0.00	0.00	17.31	9.04	0.01	7.43	0.336
S2208	26.92	0.00	0.00	17.04	9.31	0.01	6.54	0.346
S2209	26.92	0.00	0.00	13.27	12.84	0.00	5.47	0.477
S2210	26.92	0.00	0.00	17.23	9.13	0.00	3.70	0.339
S2211	26.92	0.00	0.00	17.05	9.30	0.00	3.89	0.346
S2212	26.92	0.00	0.00	17.31	9.05	0.00	3.62	0.336
S2213	26.92	0.00	0.00	17.25	9.11	0.00	3.68	0.338
S2214	26.92	0.00	0.00	17.16	9.20	0.00	3.77	0.342
S2215	26.92	0.00	0.00	17.03	9.33	0.00	3.92	0.347
S2216	26.92	0.00	0.00	17.11	9.24	0.00	3.82	0.343
S2217	26.92	0.00	0.00	26.36	0.47	0.00	1.22	0.018
S2218	26.92	0.00	0.00	17.07	9.29	0.00	3.87	0.345
S2220	26.92	0.00	0.00	9.73	16.15	0.01	7.35	0.600
S2221	26.92	0.00	0.00	25.85	0.99	0.01	4.04	0.037
S2222	26.92	0.00	0.00	9.69	16.18	0.01	7.52	0.601
S2224	26.92	0.00	0.00	15.96	10.32	0.01	7.63	0.383
S2225	26.92	0.00	0.00	17.08	9.28	0.01	6.38	0.345
S2226	26.92	0.00	0.00	17.12	9.24	0.01	6.41	0.343
S2227	26.92	0.00	0.00	17.13	9.22	0.01	6.19	0.343
S2228	26.92	0.00	0.00	17.57	8.79	0.01	10.10	0.327
S2233	26.92	0.00	0.00	17.28	9.07	0.01	7.16	0.337
S2235	26.92	0.00	0.00	13.17	12.95	0.01	8.88	0.481
S2236	26.92	0.00	0.00	13.20	12.92	0.01	9.75	0.480
S2237	26.92	0.00	0.00	13.27	12.84	0.00	5.47	0.477
S2238	26.92	0.00	0.00	17.18	9.18	0.00	3.75	0.341
S2239	26.92	0.00	0.00	16.94	9.41	0.00	4.04	0.350
S2240	26.92	0.00	0.00	17.21	9.14	0.00	3.71	0.340
S2241	26.92	0.00	0.00	17.22	9.14	0.00	3.71	0.340
S2242	26.92	0.00	0.00	16.99	9.37	0.00	3.97	0.348
S2243	26.92	0.00	0.00	17.16	9.20	0.00	3.77	0.342
S2244	26.92	0.00	0.00	16.90	9.46	0.00	4.11	0.352
S2245	26.92	0.00	0.00	24.85	1.99	0.00	2.71	0.074
S2246	26.92	0.00	0.00	16.97	9.38	0.00	3.99	0.349
S2247	26.92	0.00	0.00	9.72	16.15	0.01	7.37	0.600

S2248	26.92	0.00	0.00	9.74	16.14	0.01	7.29	0.599
S2251	26.92	0.00	0.00	17.38	8.97	0.01	8.30	0.333
S2252	26.92	0.00	0.00	17.22	9.14	0.01	7.25	0.339
S2255	26.92	0.00	0.00	15.95	10.33	0.01	7.08	0.384
S2257	26.92	0.00	0.00	13.22	12.89	0.00	5.55	0.479
S2258	26.92	0.00	0.00	17.18	9.18	0.00	3.75	0.341
S2259	26.92	0.00	0.00	17.07	9.29	0.00	3.88	0.345
S226	26.92	0.00	0.00	19.79	6.47	0.07	42.15	0.240
S2260	26.92	0.00	0.00	17.20	9.16	0.00	3.73	0.340
S2261	26.92	0.00	0.00	17.23	9.12	0.00	3.69	0.339
S2262	26.92	0.00	0.00	17.13	9.23	0.00	3.80	0.343
S2263	26.92	0.00	0.00	17.22	9.14	0.00	3.71	0.339
S2264	26.92	0.00	0.00	17.00	9.36	0.00	3.96	0.348
S2265	26.92	0.00	0.00	24.80	2.04	0.00	2.81	0.076
S2266	26.92	0.00	0.00	24.86	1.97	0.01	4.13	0.073
S2267	26.92	0.00	0.00	9.77	16.11	0.01	7.17	0.598
S2268	26.92	0.00	0.00	9.75	16.13	0.01	7.26	0.599
S2272	26.92	0.00	0.00	17.26	9.09	0.01	7.19	0.338
S2273	26.92	0.00	0.00	17.47	8.88	0.01	9.05	0.330
S2275	26.92	0.00	0.00	17.18	9.18	0.01	7.10	0.341
S2276	26.92	0.00	0.00	13.12	12.99	0.01	8.98	0.483
S2277	26.92	0.00	0.00	13.19	12.93	0.01	9.78	0.480
S2278	26.92	0.00	0.00	13.24	12.88	0.00	5.53	0.479
S2279	26.92	0.00	0.00	17.14	9.22	0.00	3.79	0.343
S228	26.92	0.00	0.00	19.75	6.52	0.06	40.35	0.242
S2280	26.92	0.00	0.00	17.03	9.33	0.00	3.92	0.347
S2281	26.92	0.00	0.00	17.19	9.16	0.00	3.73	0.340
S2282	26.92	0.00	0.00	17.14	9.22	0.00	3.79	0.342
S2283	26.92	0.00	0.00	17.14	9.22	0.00	3.79	0.342
S2284	26.92	0.00	0.00	17.13	9.23	0.00	3.80	0.343
S2285	26.92	0.00	0.00	16.97	9.39	0.00	4.00	0.349
S2288	26.92	0.00	0.00	9.73	16.15	0.01	7.34	0.600
S2289	26.92	0.00	0.00	9.70	16.18	0.01	7.48	0.601
S2290	26.92	0.00	0.00	17.30	9.06	0.01	7.08	0.337
S2296	26.92	0.00	0.00	15.82	10.46	0.01	7.27	0.389
S23	26.92	0.00	0.00	4.96	20.62	0.16	173.30	0.766
S2305	26.92	0.00	0.00	13.27	12.85	0.00	5.48	0.477
S2306	26.92	0.00	0.00	17.22	9.14	0.00	3.70	0.339
S2307	26.92	0.00	0.00	16.79	9.57	0.00	4.28	0.355
S2308	26.92	0.00	0.00	17.15	9.21	0.00	3.78	0.342
S2309	26.92	0.00	0.00	17.28	9.08	0.00	3.65	0.337
S2310	26.92	0.00	0.00	16.86	9.49	0.00	4.16	0.353
S2312	26.92	0.00	0.00	17.19	9.17	0.00	3.74	0.341
S2313	26.92	0.00	0.00	16.93	9.43	0.00	4.06	0.350
S2317	26.92	0.00	0.00	17.11	9.25	0.01	6.45	0.344
S2318	26.92	0.00	0.00	9.81	16.06	0.01	6.99	0.597
S2319	26.92	0.00	0.00	9.69	16.18	0.01	7.52	0.601
S2320	26.92	0.00	0.00	17.11	9.25	0.01	7.38	0.344
S2322	26.92	0.00	0.00	17.11	9.24	0.01	6.43	0.343
S2323	26.92	0.00	0.00	13.21	12.91	0.01	8.76	0.480
S2324	26.92	0.00	0.00	13.16	12.96	0.01	9.86	0.481
S2325	26.92	0.00	0.00	13.26	12.86	0.00	5.49	0.478
S2326	26.92	0.00	0.00	17.16	9.20	0.00	3.77	0.342
S2327	26.92	0.00	0.00	17.02	9.34	0.00	3.94	0.347
S2328	26.92	0.00	0.00	17.17	9.19	0.00	3.76	0.341
S2329	26.92	0.00	0.00	17.08	9.28	0.00	3.86	0.345
S2331	26.92	0.00	0.00	16.87	9.49	0.00	4.15	0.352
S2332	26.92	0.00	0.00	17.14	9.22	0.00	3.79	0.343
S2333	26.92	0.00	0.00	17.08	9.28	0.00	3.86	0.345
S2334	26.92	0.00	0.00	16.98	9.37	0.00	3.98	0.348
S2336	26.92	0.00	0.00	15.76	10.52	0.00	6.04	0.391
S2337	26.92	0.00	0.00	9.75	16.12	0.01	7.23	0.599
S2338	26.92	0.00	0.00	9.68	16.19	0.01	7.55	0.602
S2341	26.92	0.00	0.00	15.75	10.53	0.01	6.76	0.391
S2346	26.92	0.00	0.00	17.13	9.23	0.01	7.22	0.343
S2347	26.92	0.00	0.00	17.05	9.31	0.01	7.06	0.346
S2350	26.92	0.00	0.00	13.30	12.81	0.00	5.43	0.476
S2351	26.92	0.00	0.00	17.27	9.09	0.00	3.66	0.338
S2352	26.92	0.00	0.00	17.11	9.25	0.00	3.82	0.344
S2353	26.92	0.00	0.00	17.12	9.24	0.00	3.81	0.343
S2354	26.92	0.00	0.00	17.19	9.17	0.00	3.74	0.341
S2355	26.92	0.00	0.00	17.15	9.21	0.00	3.78	0.342
S2356	26.92	0.00	0.00	17.14	9.22	0.00	3.79	0.342
S2357	26.92	0.00	0.00	16.98	9.38	0.00	3.98	0.348
S2358	26.92	0.00	0.00	17.11	9.25	0.00	3.83	0.344

S2360	26.92	0.00	0.00	9.74	16.14	0.01	7.29	0.599
S2361	26.92	0.00	0.00	9.72	16.15	0.01	7.37	0.600
S2365	26.92	0.00	0.00	17.21	9.14	0.01	6.97	0.340
S2367	26.92	0.00	0.00	15.77	10.51	0.00	6.05	0.390
S2369	26.92	0.00	0.00	13.14	12.98	0.01	8.93	0.482
S2370	26.92	0.00	0.00	13.18	12.94	0.01	9.80	0.481
S2371	26.92	0.00	0.00	15.81	10.47	0.01	6.58	0.389
S2373	26.92	0.00	0.00	13.30	12.82	0.00	5.44	0.476
S2374	26.92	0.00	0.00	17.22	9.14	0.00	3.71	0.340
S2375	26.92	0.00	0.00	17.25	9.11	0.01	6.84	0.339
S2377	26.92	0.00	0.00	17.05	9.31	0.00	3.90	0.346
S2378	26.92	0.00	0.00	17.08	9.28	0.00	3.86	0.345
S2379	26.92	0.00	0.00	17.10	9.25	0.00	3.83	0.344
S2380	26.92	0.00	0.00	17.13	9.22	0.00	3.80	0.343
S2381	26.92	0.00	0.00	17.20	9.16	0.00	3.73	0.340
S2382	26.92	0.00	0.00	16.94	9.41	0.00	4.04	0.350
S2383	26.92	0.00	0.00	17.20	9.16	0.00	3.73	0.340
S2384	26.92	0.00	0.00	13.04	13.08	0.00	5.88	0.486
S2385	26.92	0.00	0.00	9.68	16.19	0.01	7.56	0.602
S2386	26.92	0.00	0.00	9.81	16.07	0.01	7.02	0.597
S2388	26.92	0.00	0.00	17.25	9.10	0.01	7.00	0.338
S2392	26.92	0.00	0.00	17.23	9.13	0.01	6.99	0.339
S2393	26.92	0.00	0.00	19.33	7.10	0.01	6.76	0.264
S2394	26.92	0.00	0.00	17.23	9.13	0.01	6.80	0.339
S2395	26.92	0.00	0.00	17.22	9.14	0.01	7.00	0.340
S24	26.92	0.00	0.00	7.56	18.20	0.25	268.52	0.676
S2401	26.92	0.00	0.00	13.25	12.86	0.00	5.50	0.478
S2402	26.92	0.00	0.00	16.98	9.38	0.00	3.99	0.349
S2403	26.92	0.00	0.00	17.18	9.18	0.00	3.75	0.341
S2404	26.92	0.00	0.00	17.19	9.17	0.00	3.74	0.340
S2405	26.92	0.00	0.00	17.15	9.21	0.00	3.78	0.342
S2406	26.92	0.00	0.00	17.06	9.30	0.00	3.89	0.346
S2407	26.92	0.00	0.00	16.91	9.45	0.00	4.09	0.351
S2408	26.92	0.00	0.00	17.07	9.29	0.00	3.87	0.345
S2409	26.92	0.00	0.00	17.05	9.31	0.00	3.90	0.346
S2410	26.92	0.00	0.00	15.90	10.38	0.00	4.37	0.386
S2412	26.92	0.00	0.00	9.77	16.11	0.01	7.16	0.598
S2420	26.92	0.00	0.00	15.75	10.52	0.00	6.09	0.391
S2421	26.92	0.00	0.00	15.75	10.52	0.01	6.56	0.391
S2423	26.92	0.00	0.00	13.16	12.95	0.01	8.86	0.481
S2424	26.92	0.00	0.00	12.94	13.18	0.01	10.67	0.490
S2425	26.92	0.00	0.00	17.10	9.26	0.00	3.84	0.344
S2426	26.92	0.00	0.00	17.08	9.27	0.00	3.86	0.345
S2427	26.92	0.00	0.00	17.07	9.29	0.00	3.87	0.345
S2428	26.92	0.00	0.00	17.12	9.24	0.00	3.81	0.343
S2429	26.92	0.00	0.00	17.15	9.21	0.00	3.79	0.342
S2430	26.92	0.00	0.00	17.15	9.21	0.00	3.78	0.342
S2431	26.92	0.00	0.00	17.01	9.35	0.00	3.95	0.347
S2432	26.92	0.00	0.00	17.08	9.27	0.00	3.86	0.345
S2433	26.92	0.00	0.00	15.83	10.45	0.00	4.48	0.388
S2435	26.92	0.00	0.00	9.74	16.14	0.01	7.31	0.600
S2438	26.92	0.00	0.00	13.09	13.03	0.00	4.59	0.484
S2439	26.92	0.00	0.00	13.19	12.93	0.00	4.95	0.480
S2441	26.92	0.00	0.00	17.20	9.15	0.00	3.72	0.340
S2442	26.92	0.00	0.00	17.16	9.20	0.00	3.77	0.342
S2443	26.92	0.00	0.00	17.18	9.18	0.00	3.75	0.341
S2444	26.92	0.00	0.00	17.23	9.13	0.00	3.70	0.339
S2445	26.92	0.00	0.00	17.19	9.17	0.00	3.74	0.341
S2446	26.92	0.00	0.00	17.10	9.26	0.00	3.84	0.344
S2447	26.92	0.00	0.00	17.08	9.28	0.00	3.86	0.345
S2448	26.92	0.00	0.00	17.33	9.02	0.00	3.60	0.335
S2450	26.92	0.00	0.00	17.02	9.34	0.00	3.94	0.347
S2452	26.92	0.00	0.00	9.77	16.11	0.01	7.16	0.598
S2463	26.92	0.00	0.00	15.80	10.48	0.01	6.46	0.389
S2466	26.92	0.00	0.00	15.81	10.47	0.01	6.76	0.389
S2468	26.92	0.00	0.00	18.61	5.83	0.75	119.09	0.217
S2469	26.92	0.00	0.00	13.13	12.99	0.00	4.50	0.482
S2470	26.92	0.00	0.00	13.16	12.95	0.00	4.98	0.481
S2471	26.92	0.00	0.00	13.55	12.56	0.01	15.39	0.467
S2472	26.92	0.00	0.00	17.01	9.35	0.00	3.95	0.347
S2473	26.92	0.00	0.00	17.16	9.20	0.00	3.77	0.342
S2474	26.92	0.00	0.00	17.15	9.21	0.00	3.78	0.342
S2475	26.92	0.00	0.00	17.08	9.28	0.00	3.86	0.345
S2476	26.92	0.00	0.00	17.17	9.19	0.00	3.76	0.341
S2477	26.92	0.00	0.00	17.13	9.22	0.00	3.80	0.343

S2478	26.92	0.00	0.00	17.02	9.34	0.00	3.93	0.347
S2479	26.92	0.00	0.00	17.17	9.19	0.00	3.76	0.341
S2480	26.92	0.00	0.00	16.90	9.46	0.00	4.10	0.351
S2482	26.92	0.00	0.00	9.77	16.10	0.01	7.14	0.598
S2483	26.92	0.00	0.00	16.21	10.07	0.01	8.70	0.374
S2486	26.92	0.00	0.00	15.96	10.32	0.01	7.27	0.383
S2490	26.92	0.00	0.00	15.74	10.53	0.01	6.39	0.391
S2492	26.92	0.00	0.00	15.74	10.53	0.00	6.11	0.391
S2494	26.92	0.00	0.00	15.82	10.46	0.01	6.41	0.389
S2497_1	26.92	0.00	0.00	14.09	12.02	0.09	95.12	0.446
S2497_10	26.92	0.00	0.00	13.29	12.83	0.03	40.02	0.477
S2497_11	26.92	0.00	0.00	14.18	11.93	0.10	103.40	0.443
S2497_12	26.92	0.00	0.00	7.66	18.08	0.06	63.10	0.672
S2497_13	26.92	0.00	0.00	25.32	1.52	0.01	7.87	0.057
S2497_14	26.92	0.00	0.00	14.10	12.01	0.17	182.92	0.446
S2497_15	26.92	0.00	0.00	13.92	12.19	0.07	80.76	0.453
S2497_16	26.92	0.00	0.00	13.76	12.35	0.06	68.30	0.459
S2497_17	26.92	0.00	0.00	13.82	12.29	0.06	72.55	0.457
S2497_18	26.92	0.00	0.00	7.66	18.07	0.06	63.78	0.671
S2497_19	26.92	0.00	0.00	23.86	2.98	0.01	6.63	0.111
S2497_2	26.92	0.00	0.00	7.56	18.20	0.04	49.13	0.676
S2497_20	26.92	0.00	0.00	14.44	11.65	0.25	264.24	0.433
S2497_21	26.92	0.00	0.00	13.46	12.66	0.04	49.03	0.470
S2497_22	26.92	0.00	0.00	7.64	18.10	0.06	60.31	0.672
S2497_23	26.92	0.00	0.00	25.02	1.81	0.01	7.57	0.067
S2497_24	26.92	0.00	0.00	13.68	12.43	0.05	63.06	0.462
S2497_25	26.92	0.00	0.00	7.40	18.38	0.03	32.48	0.683
S2497_26	26.92	0.00	0.00	13.57	12.54	0.05	55.55	0.466
S2497_27	26.92	0.00	0.00	7.62	18.13	0.05	57.00	0.674
S2497_28	26.92	0.00	0.00	7.29	18.49	0.02	23.78	0.687
S2497_29	26.92	0.00	0.00	7.59	18.16	0.05	53.87	0.675
S2497_3	26.92	0.00	0.00	24.39	2.45	0.01	6.85	0.091
S2497_30	26.92	0.00	0.00	13.63	12.48	0.05	59.38	0.464
S2497_31	26.92	0.00	0.00	7.70	18.02	0.08	70.50	0.669
S2497_32	26.92	0.00	0.00	14.44	11.65	0.20	204.03	0.433
S2497_33	26.92	0.00	0.00	13.66	12.45	0.05	61.63	0.462
S2497_34	26.92	0.00	0.00	26.18	0.66	0.00	1.14	0.024
S2497_35	26.92	0.00	0.00	7.27	18.52	0.02	22.11	0.688
S2497_36	26.92	0.00	0.00	13.00	13.11	0.02	27.58	0.487
S2497_37	26.92	0.00	0.00	13.70	12.41	0.06	64.18	0.461
S2497_38	26.92	0.00	0.00	13.35	12.77	0.04	43.10	0.474
S2497_39	26.92	0.00	0.00	13.42	12.70	0.04	46.79	0.472
S2497_4	26.92	0.00	0.00	7.47	18.30	0.03	38.92	0.680
S2497_40	26.92	0.00	0.00	13.78	12.34	0.06	69.41	0.458
S2497_42	26.92	0.00	0.00	14.02	12.08	0.08	89.14	0.449
S2497_5	26.92	0.00	0.00	13.50	12.61	0.04	51.58	0.469
S2497_6	26.92	0.00	0.00	13.92	12.19	0.14	153.49	0.453
S2497_7	26.92	0.00	0.00	7.68	18.05	0.07	66.66	0.670
S2497_8	26.92	0.00	0.00	26.09	0.74	0.01	8.47	0.028
S2497_9	26.92	0.00	0.00	7.59	18.16	0.05	53.97	0.675
S2499	26.92	0.00	0.00	15.74	10.54	0.00	6.12	0.392
S25	26.92	0.00	0.00	7.36	18.42	0.08	103.28	0.684
S2500	26.92	0.00	0.00	15.77	10.51	0.00	6.08	0.390
S2502	26.92	0.00	0.00	15.70	10.58	0.00	6.29	0.393
S2505	26.92	0.00	0.00	16.02	10.26	0.01	7.43	0.381
S2512	26.92	0.00	0.00	16.44	9.84	0.01	10.51	0.365
S2514	26.92	0.00	0.00	15.82	10.46	0.01	6.41	0.389
S2520	26.92	0.00	0.00	8.53	17.27	0.01	7.86	0.641
S2521	26.92	0.00	0.00	13.19	12.92	0.00	5.59	0.480
S2522	26.92	0.00	0.00	13.22	12.89	0.00	5.55	0.479
S2523	26.92	0.00	0.00	15.88	10.40	0.00	4.40	0.386
S2524	26.92	0.00	0.00	13.33	12.78	0.00	5.39	0.475
S2525	26.92	0.00	0.00	13.21	12.91	0.00	5.57	0.479
S2526	26.92	0.00	0.00	13.17	12.95	0.00	5.64	0.481
S2527	26.92	0.00	0.00	13.16	12.96	0.00	5.65	0.481
S2528	26.92	0.00	0.00	13.15	12.96	0.00	5.66	0.482
S2532	26.92	0.00	0.00	16.00	10.28	0.01	7.28	0.382
S2533	26.92	0.00	0.00	20.79	5.64	0.10	94.95	0.210
S2536	26.92	0.00	0.00	13.35	12.76	0.01	6.38	0.474
S2537	26.92	0.00	0.00	15.80	10.48	0.01	7.58	0.389
S2540	26.92	0.00	0.00	16.27	10.01	0.01	5.94	0.372
S2546	26.92	0.00	0.00	13.50	12.62	0.01	7.79	0.469
S2547	26.92	0.00	0.00	8.65	17.14	0.01	7.22	0.637
S2548	26.92	0.00	0.00	13.17	12.94	0.00	5.63	0.481
S2549	26.92	0.00	0.00	13.21	12.91	0.00	5.57	0.480

S2550	26.92	0.00	0.00	15.87	10.41	0.00	4.42	0.387
S2551	26.92	0.00	0.00	13.29	12.82	0.00	5.45	0.476
S2552	26.92	0.00	0.00	13.20	12.91	0.00	5.58	0.480
S2553	26.92	0.00	0.00	13.05	13.07	0.00	5.85	0.485
S2555	26.92	0.00	0.00	13.05	13.07	0.00	5.86	0.486
S2556	26.92	0.00	0.00	13.16	12.96	0.00	5.65	0.481
S2557	26.92	0.00	0.00	9.71	16.17	0.01	7.44	0.601
S2562	26.92	0.00	0.00	15.80	10.47	0.01	6.44	0.389
S2565	26.92	0.00	0.00	13.25	12.87	0.00	5.60	0.478
S2568	26.92	0.00	0.00	15.97	10.30	0.01	6.79	0.383
S2571	26.92	0.00	0.00	8.61	17.18	0.01	7.41	0.638
S2572	26.92	0.00	0.00	13.15	12.97	0.00	5.67	0.482
S2573	26.92	0.00	0.00	13.14	12.97	0.00	5.68	0.482
S2574	26.92	0.00	0.00	16.26	10.01	0.01	5.94	0.372
S2575	26.92	0.00	0.00	16.07	10.20	0.00	4.15	0.379
S2577	26.92	0.00	0.00	13.21	12.90	0.00	5.57	0.479
S2578	26.92	0.00	0.00	13.18	12.94	0.00	5.62	0.481
S2579	26.92	0.00	0.00	13.13	12.99	0.00	5.70	0.482
S2580	26.92	0.00	0.00	13.10	13.02	0.00	5.76	0.484
S2582	26.92	0.00	0.00	13.15	12.96	0.00	5.66	0.482
S2583	26.92	0.00	0.00	9.73	16.15	0.01	7.34	0.600
S2591	26.92	0.00	0.00	13.34	12.78	0.00	5.48	0.475
S2593	26.92	0.00	0.00	10.42	15.42	0.34	338.38	0.573
S2596	26.92	0.00	0.00	13.38	12.74	0.01	7.39	0.473
S2597	26.92	0.00	0.00	15.79	10.48	0.01	6.47	0.389
S2598	26.92	0.00	0.00	16.12	10.16	0.01	8.39	0.377
S26	26.92	0.00	0.00	5.05	20.49	0.37	342.40	0.761
S2600	26.92	0.00	0.00	8.49	17.31	0.01	8.13	0.643
S2601	26.92	0.00	0.00	13.12	13.00	0.00	5.72	0.483
S2602	26.92	0.00	0.00	13.32	12.80	0.00	5.41	0.476
S2603	26.92	0.00	0.00	16.06	10.22	0.00	4.17	0.380
S2604	26.92	0.00	0.00	16.01	10.27	0.00	4.23	0.382
S2605	26.92	0.00	0.00	13.27	12.84	0.00	5.47	0.477
S2606	26.92	0.00	0.00	13.20	12.92	0.00	5.59	0.480
S2607	26.92	0.00	0.00	13.13	12.99	0.00	5.70	0.482
S2608	26.92	0.00	0.00	13.13	12.99	0.00	5.71	0.483
S2609	26.92	0.00	0.00	13.05	13.07	0.00	5.86	0.486
S2610	26.92	0.00	0.00	9.74	16.13	0.01	7.28	0.599
S2611	26.92	0.00	0.00	9.80	16.08	0.01	7.06	0.597
S2616	26.92	0.00	0.00	15.96	10.31	0.01	6.79	0.383
S2618	26.92	0.00	0.00	13.30	12.82	0.00	5.53	0.476
S2620	26.92	0.00	0.00	8.51	17.28	0.01	7.97	0.642
S2621	26.92	0.00	0.00	13.21	12.90	0.00	5.56	0.479
S2622	26.92	0.00	0.00	13.27	12.85	0.00	5.48	0.477
S2623	26.92	0.00	0.00	16.11	10.16	0.00	4.11	0.378
S2624	26.92	0.00	0.00	15.96	10.32	0.00	4.29	0.383
S2625	26.92	0.00	0.00	13.21	12.91	0.00	5.57	0.480
S2626	26.92	0.00	0.00	13.19	12.93	0.00	5.60	0.480
S2627	26.92	0.00	0.00	13.14	12.97	0.00	5.68	0.482
S2628	26.92	0.00	0.00	13.01	13.11	0.00	5.94	0.487
S2629	26.92	0.00	0.00	13.06	13.06	0.00	5.84	0.485
S2631	26.92	0.00	0.00	9.75	16.13	0.01	7.25	0.599
S2632	26.92	0.00	0.00	9.73	16.14	0.01	7.33	0.600
S2639	26.92	0.00	0.00	13.43	12.69	0.01	7.29	0.471
S2641	26.92	0.00	0.00	16.02	10.26	0.01	7.84	0.381
S2644	26.92	0.00	0.00	15.77	10.50	0.01	6.51	0.390
S2645	26.92	0.00	0.00	16.09	10.19	0.01	7.69	0.379
S2647	26.92	0.00	0.00	15.85	10.43	0.01	6.56	0.387
S2649	26.92	0.00	0.00	13.32	12.79	0.00	5.50	0.475
S2650	26.92	0.00	0.00	16.02	10.26	0.01	7.65	0.381
S2652	26.92	0.00	0.00	8.59	17.21	0.01	7.53	0.639
S2653	26.92	0.00	0.00	13.27	12.85	0.00	5.48	0.477
S2654	26.92	0.00	0.00	13.26	12.85	0.00	5.49	0.478
S2655	26.92	0.00	0.00	15.95	10.33	0.00	4.30	0.384
S2656	26.92	0.00	0.00	16.00	10.28	0.00	4.25	0.382
S2657	26.92	0.00	0.00	13.17	12.95	0.00	5.63	0.481
S2658	26.92	0.00	0.00	16.04	10.23	0.01	7.39	0.380
S2659	26.92	0.00	0.00	13.15	12.97	0.00	5.67	0.482
S2660	26.92	0.00	0.00	13.23	12.89	0.00	5.54	0.479
S2661	26.92	0.00	0.00	13.09	13.02	0.00	5.77	0.484
S2662	26.92	0.00	0.00	13.17	12.95	0.00	5.64	0.481
S2663	26.92	0.00	0.00	9.68	16.19	0.01	7.55	0.602
S2664	26.92	0.00	0.00	9.78	16.10	0.01	7.14	0.598
S2665	26.92	0.00	0.00	16.05	10.23	0.01	7.19	0.380
S2667	26.92	0.00	0.00	16.05	10.23	0.01	7.61	0.380

S2668	26.92	0.00	0.00	15.94	10.33	0.01	7.41	0.384
S2674	26.92	0.00	0.00	13.31	12.81	0.00	5.52	0.476
S2676	26.92	0.00	0.00	8.62	17.17	0.01	7.39	0.638
S2677	26.92	0.00	0.00	13.24	12.88	0.00	5.52	0.478
S2678	26.92	0.00	0.00	13.32	12.79	0.00	5.41	0.475
S2679	26.92	0.00	0.00	15.97	10.31	0.00	4.28	0.383
S2680	26.92	0.00	0.00	16.06	10.22	0.00	4.17	0.380
S2681	26.92	0.00	0.00	13.20	12.91	0.00	5.58	0.480
S2682	26.92	0.00	0.00	13.25	12.87	0.00	5.51	0.478
S2683	26.92	0.00	0.00	13.13	12.98	0.00	5.70	0.482
S2684	26.92	0.00	0.00	13.02	13.10	0.00	5.92	0.487
S2685	26.92	0.00	0.00	12.98	13.13	0.00	6.00	0.488
S2686	26.92	0.00	0.00	9.72	16.16	0.01	7.40	0.600
S2687	26.92	0.00	0.00	9.76	16.12	0.01	7.22	0.599
S2689	26.92	0.00	0.00	13.42	12.70	0.01	7.30	0.472
S2691	26.92	0.00	0.00	15.85	10.43	0.01	6.34	0.387
S2695	26.92	0.00	0.00	15.90	10.38	0.01	6.45	0.386
S2698	26.92	0.00	0.00	8.60	17.19	0.01	7.45	0.639
S2699	26.92	0.00	0.00	13.31	12.81	0.00	5.42	0.476
S27	26.92	0.00	0.00	13.96	12.15	0.02	23.54	0.451
S2700	26.92	0.00	0.00	13.23	12.89	0.00	5.54	0.479
S2701	26.92	0.00	0.00	15.92	10.35	0.00	4.34	0.385
S2702	26.92	0.00	0.00	16.04	10.24	0.00	4.20	0.380
S2703	26.92	0.00	0.00	13.21	12.91	0.00	5.57	0.480
S2704	26.92	0.00	0.00	13.20	12.91	0.00	5.58	0.480
S2705	26.92	0.00	0.00	13.17	12.95	0.00	5.63	0.481
S2708	26.92	0.00	0.00	13.18	12.94	0.00	5.62	0.481
S2709	26.92	0.00	0.00	13.01	13.10	0.00	5.93	0.487
S2710	26.92	0.00	0.00	9.74	16.14	0.01	7.30	0.600
S2711	26.92	0.00	0.00	9.74	16.14	0.01	7.31	0.600
S2712	26.92	0.00	0.00	13.24	12.87	0.00	5.61	0.478
S2714	26.92	0.00	0.00	15.85	10.43	0.01	6.94	0.387
S2717	26.92	0.00	0.00	13.42	12.69	0.01	6.95	0.472
S2718	26.92	0.00	0.00	13.22	12.89	0.00	5.55	0.479
S2719	26.92	0.00	0.00	13.26	12.85	0.00	5.49	0.477
S2720	26.92	0.00	0.00	15.90	10.37	0.00	4.37	0.385
S2721	26.92	0.00	0.00	16.07	10.21	0.00	4.16	0.379
S2722	26.92	0.00	0.00	13.07	13.05	0.00	5.81	0.485
S2723	26.92	0.00	0.00	13.14	12.98	0.00	5.69	0.482
S2724	26.92	0.00	0.00	13.21	12.90	0.00	5.56	0.479
S2725	26.92	0.00	0.00	13.21	12.91	0.00	5.57	0.480
S2726	26.92	0.00	0.00	13.10	13.02	0.00	5.76	0.484
S2727	26.92	0.00	0.00	9.77	16.11	0.01	7.17	0.598
S2728	26.92	0.00	0.00	9.64	16.24	0.01	7.82	0.603
S2730	26.92	0.00	0.00	13.19	12.93	0.00	5.70	0.480
S2732	26.92	0.00	0.00	15.85	10.43	0.01	6.64	0.388
S2733	26.92	0.00	0.00	15.88	10.40	0.01	6.50	0.386
S2739	26.92	0.00	0.00	13.25	12.87	0.00	5.51	0.478
S2740	26.92	0.00	0.00	13.26	12.86	0.00	5.50	0.478
S2741	26.92	0.00	0.00	15.98	10.30	0.00	4.27	0.383
S2742	26.92	0.00	0.00	16.08	10.20	0.00	4.15	0.379
S2743	26.92	0.00	0.00	13.15	12.97	0.00	5.67	0.482
S2744	26.92	0.00	0.00	13.18	12.94	0.00	5.62	0.481
S2745	26.92	0.00	0.00	13.13	12.99	0.00	5.71	0.483
S2746	26.92	0.00	0.00	13.06	13.06	0.00	5.84	0.485
S2747	26.92	0.00	0.00	13.04	13.07	0.00	5.87	0.486
S2748	26.92	0.00	0.00	9.79	16.08	0.01	7.06	0.597
S2749	26.92	0.00	0.00	9.70	16.18	0.01	7.48	0.601
S2750	26.92	0.00	0.00	13.13	12.99	0.00	5.25	0.483
S2755	26.92	0.00	0.00	13.25	12.86	0.00	5.60	0.478
S2760	26.92	0.00	0.00	8.79	17.00	0.02	20.15	0.632
S2761	26.92	0.00	0.00	13.27	12.85	0.00	5.48	0.477
S2762	26.92	0.00	0.00	13.24	12.88	0.00	5.53	0.479
S2763	26.92	0.00	0.00	15.92	10.36	0.00	4.35	0.385
S2764	26.92	0.00	0.00	16.14	10.14	0.00	4.08	0.377
S2765	26.92	0.00	0.00	13.25	12.87	0.00	5.51	0.478
S2766	26.92	0.00	0.00	13.18	12.93	0.00	5.61	0.480
S2767	26.92	0.00	0.00	13.15	12.96	0.00	5.66	0.482
S2768	26.92	0.00	0.00	13.16	12.95	0.00	5.64	0.481
S2769	26.92	0.00	0.00	13.00	13.12	0.00	5.97	0.487
S2770	26.92	0.00	0.00	9.77	16.10	0.01	7.16	0.598
S2771	26.92	0.00	0.00	9.76	16.12	0.01	7.21	0.599
S2772	26.92	0.00	0.00	15.80	10.48	0.01	6.71	0.389
S2773	26.92	0.00	0.00	12.81	13.31	0.00	5.97	0.494
S2774	26.92	0.00	0.00	15.80	10.48	0.01	6.62	0.389

S2776	26.92	0.00	0.00	13.26	12.85	0.00	5.58	0.477
S2780	26.92	0.00	0.00	15.97	10.31	0.01	6.75	0.383
S2781	26.92	0.00	0.00	16.03	10.25	0.01	7.22	0.381
S2782	26.92	0.00	0.00	15.95	10.32	0.01	6.98	0.384
S2783	26.92	0.00	0.00	15.87	10.41	0.01	6.97	0.387
S2784	26.92	0.00	0.00	15.89	10.38	0.01	6.71	0.386
S2785	26.92	0.00	0.00	15.95	10.32	0.01	6.39	0.384
S2786	26.92	0.00	0.00	15.94	10.34	0.01	6.71	0.384
S2787	26.92	0.00	0.00	13.21	12.91	0.00	5.57	0.479
S2788	26.92	0.00	0.00	13.18	12.94	0.00	5.62	0.481
S2789	26.92	0.00	0.00	16.03	10.25	0.00	4.20	0.381
S2790	26.92	0.00	0.00	16.18	10.10	0.00	4.04	0.375
S2791	26.92	0.00	0.00	13.13	12.99	0.00	5.71	0.483
S2792	26.92	0.00	0.00	13.11	13.00	0.00	5.73	0.483
S2793	26.92	0.00	0.00	13.23	12.89	0.00	5.54	0.479
S2794	26.92	0.00	0.00	13.24	12.88	0.00	5.53	0.478
S2795	26.92	0.00	0.00	13.16	12.96	0.00	5.65	0.481
S2797	26.92	0.00	0.00	9.84	16.04	0.01	6.91	0.596
S2798	26.92	0.00	0.00	9.75	16.13	0.01	7.26	0.599
S28	26.92	0.00	0.00	10.72	15.12	0.10	97.93	0.562
S2803	26.92	0.00	0.00	13.19	12.92	0.00	5.14	0.480
S2804	26.92	0.00	0.00	13.27	12.85	0.00	5.58	0.477
S2809	26.92	0.00	0.00	13.17	12.95	0.00	5.63	0.481
S2810	26.92	0.00	0.00	13.24	12.87	0.00	5.52	0.478
S2811	26.92	0.00	0.00	16.04	10.23	0.00	4.19	0.380
S2812	26.92	0.00	0.00	16.18	10.10	0.00	4.04	0.375
S2813	26.92	0.00	0.00	13.19	12.93	0.00	5.61	0.480
S2814	26.92	0.00	0.00	13.20	12.92	0.00	5.58	0.480
S2815	26.92	0.00	0.00	13.23	12.88	0.00	5.53	0.479
S2816	26.92	0.00	0.00	13.21	12.91	0.00	5.57	0.479
S2817	26.92	0.00	0.00	13.06	13.05	0.00	5.83	0.485
S2819	26.92	0.00	0.00	9.70	16.18	0.01	7.49	0.601
S2820	26.92	0.00	0.00	9.69	16.19	0.01	7.55	0.601
S2821	26.92	0.00	0.00	15.79	10.49	0.01	6.75	0.390
S2823	26.92	0.00	0.00	13.22	12.89	0.00	5.10	0.479
S2825	26.92	0.00	0.00	13.25	12.87	0.00	5.60	0.478
S2826	26.92	0.00	0.00	15.82	10.45	0.01	6.94	0.388
S2828	26.92	0.00	0.00	13.21	12.91	0.00	5.57	0.480
S2829	26.92	0.00	0.00	13.14	12.97	0.00	5.68	0.482
S2830	26.92	0.00	0.00	16.00	10.28	0.00	4.24	0.382
S2831	26.92	0.00	0.00	16.17	10.11	0.00	4.05	0.375
S2832	26.92	0.00	0.00	13.15	12.97	0.00	5.67	0.482
S2833	26.92	0.00	0.00	13.19	12.93	0.00	5.60	0.480
S2834	26.92	0.00	0.00	13.22	12.89	0.00	5.55	0.479
S2835	26.92	0.00	0.00	13.17	12.95	0.00	5.63	0.481
S2836	26.92	0.00	0.00	12.97	13.14	0.00	6.03	0.488
S2837	26.92	0.00	0.00	9.66	16.22	0.01	7.68	0.602
S2838	26.92	0.00	0.00	9.74	16.14	0.01	7.30	0.600
S2849	26.92	0.00	0.00	13.24	12.87	0.00	5.06	0.478
S2850	26.92	0.00	0.00	13.16	12.95	0.00	5.74	0.481
S2853	26.92	0.00	0.00	13.18	12.94	0.00	5.62	0.481
S2854	26.92	0.00	0.00	13.29	12.83	0.00	5.45	0.477
S2855	26.92	0.00	0.00	15.94	10.34	0.00	4.32	0.384
S2856	26.92	0.00	0.00	16.11	10.17	0.00	4.11	0.378
S2858	26.92	0.00	0.00	13.26	12.86	0.00	5.50	0.478
S2859	26.92	0.00	0.00	13.22	12.90	0.00	5.56	0.479
S2860	26.92	0.00	0.00	13.19	12.92	0.00	5.59	0.480
S2861	26.92	0.00	0.00	13.13	12.99	0.00	5.71	0.483
S2862	26.92	0.00	0.00	13.15	12.97	0.00	5.67	0.482
S2863	26.92	0.00	0.00	9.74	16.13	0.01	7.27	0.599
S2864	26.92	0.00	0.00	9.78	16.09	0.01	7.11	0.598
S2880	26.92	0.00	0.00	13.26	12.86	0.00	5.04	0.478
S2881	26.92	0.00	0.00	13.15	12.96	0.00	5.76	0.482
S2882	26.92	0.00	0.00	9.04	16.73	0.03	29.76	0.621
S2883	26.92	0.00	0.00	13.19	12.93	0.00	5.60	0.480
S2884	26.92	0.00	0.00	13.29	12.83	0.00	5.45	0.476
S2885	26.92	0.00	0.00	13.48	12.64	0.00	5.21	0.469
S2886	26.92	0.00	0.00	13.13	12.99	0.00	5.71	0.483
S2887	26.92	0.00	0.00	13.16	12.95	0.00	5.64	0.481
S2888	26.92	0.00	0.00	13.28	12.84	0.00	5.47	0.477
S2889	26.92	0.00	0.00	13.07	13.05	0.00	5.81	0.485
S2890	26.92	0.00	0.00	13.07	13.04	0.00	5.81	0.485
S2891	26.92	0.00	0.00	9.70	16.17	0.01	7.47	0.601
S2892	26.92	0.00	0.00	9.76	16.11	0.01	7.19	0.599
S2898	26.92	0.00	0.00	8.29	17.59	0.01	7.30	0.653

S2899	26.92	0.00	0.00	8.59	17.20	0.01	7.51	0.639
S29	26.92	0.00	0.00	20.20	6.23	0.05	46.24	0.231
S2900	26.92	0.00	0.00	13.15	12.97	0.00	5.67	0.482
S2901	26.92	0.00	0.00	13.20	12.91	0.00	5.58	0.480
S2903	26.92	0.00	0.00	13.54	12.57	0.00	5.14	0.467
S2904	26.92	0.00	0.00	13.19	12.93	0.00	5.60	0.480
S2905	26.92	0.00	0.00	13.24	12.87	0.00	5.52	0.478
S2906	26.92	0.00	0.00	13.12	13.00	0.00	5.73	0.483
S2907	26.92	0.00	0.00	13.19	12.93	0.00	5.61	0.480
S2908	26.92	0.00	0.00	13.18	12.94	0.00	5.62	0.481
S2909	26.92	0.00	0.00	9.68	16.20	0.01	7.59	0.602
S2910	26.92	0.00	0.00	9.74	16.14	0.01	7.30	0.600
S2915	26.92	0.00	0.00	8.43	17.44	0.01	7.04	0.648
S2916	26.92	0.00	0.00	8.60	17.19	0.01	7.45	0.639
S2917	26.92	0.00	0.00	13.27	12.84	0.00	5.47	0.477
S2918	26.92	0.00	0.00	13.28	12.83	0.00	5.46	0.477
S2919	26.92	0.00	0.00	13.62	12.50	0.00	5.06	0.464
S2920	26.92	0.00	0.00	13.32	12.79	0.00	5.40	0.475
S2921	26.92	0.00	0.00	13.26	12.85	0.00	5.49	0.477
S2922	26.92	0.00	0.00	13.26	12.86	0.00	5.49	0.478
S2923	26.92	0.00	0.00	13.18	12.94	0.00	5.62	0.481
S2924	26.92	0.00	0.00	13.16	12.95	0.00	5.64	0.481
S2925	26.92	0.00	0.00	9.68	16.20	0.01	7.60	0.602
S2926	26.92	0.00	0.00	9.75	16.13	0.01	7.26	0.599
S2928	26.92	0.00	0.00	16.24	10.04	0.01	8.63	0.373
S2929	26.92	0.00	0.00	16.22	10.06	0.01	8.84	0.374
S2939	26.92	0.00	0.00	8.44	17.44	0.01	7.03	0.648
S2940	26.92	0.00	0.00	8.52	17.35	0.01	7.65	0.645
S2941	26.92	0.00	0.00	13.33	12.78	0.00	5.39	0.475
S2942	26.92	0.00	0.00	11.74	13.84	8.70	4506.46	0.514
S2943	26.92	0.00	0.00	13.21	12.91	0.00	5.57	0.479
S2944	26.92	0.00	0.00	13.41	12.70	0.00	5.29	0.472
S2945	26.92	0.00	0.00	13.34	12.77	0.00	5.38	0.475
S2946	26.92	0.00	0.00	13.23	12.89	0.00	5.54	0.479
S2947	26.92	0.00	0.00	13.23	12.88	0.00	5.53	0.479
S2949	26.92	0.00	0.00	13.23	12.89	0.00	5.54	0.479
S2950	26.92	0.00	0.00	13.19	12.93	0.00	5.61	0.480
S2951	26.92	0.00	0.00	9.71	16.16	0.01	7.41	0.600
S2952	26.92	0.00	0.00	9.75	16.13	0.01	7.26	0.599
S2953	26.92	0.00	0.00	22.48	4.12	0.11	101.03	0.153
S2955	26.92	0.00	0.00	21.80	4.79	0.07	69.06	0.178
S2961	26.92	0.00	0.00	16.33	9.95	0.01	10.48	0.370
S2962	26.92	0.00	0.00	15.92	10.36	0.01	7.11	0.385
S2963	26.92	0.00	0.00	15.86	10.42	0.01	6.49	0.387
S2964	26.92	0.00	0.00	15.93	10.35	0.01	6.52	0.385
S2965	26.92	0.00	0.00	15.84	10.44	0.01	6.72	0.388
S2966	26.92	0.00	0.00	15.88	10.40	0.01	6.64	0.386
S2967	26.92	0.00	0.00	15.92	10.36	0.01	6.58	0.385
S2968	26.92	0.00	0.00	15.83	10.44	0.01	6.77	0.388
S2969	26.92	0.00	0.00	15.89	10.38	0.01	6.65	0.386
S2970	26.92	0.00	0.00	15.95	10.33	0.01	6.54	0.384
S2971	26.92	0.00	0.00	15.90	10.38	0.01	6.60	0.386
S2972	26.92	0.00	0.00	16.02	10.26	0.01	7.01	0.381
S2973	26.92	0.00	0.00	16.42	9.85	0.01	9.76	0.366
S2974	26.92	0.00	0.00	25.20	1.64	0.00	2.60	0.061
S2975	26.92	0.00	0.00	5.18	20.17	0.86	529.30	0.749
S2977	26.92	0.00	0.00	11.37	14.35	3.05	2038.69	0.533
S2980	26.92	0.00	0.00	16.92	9.43	0.01	7.72	0.351
S2981	26.92	0.00	0.00	17.42	8.94	0.01	9.55	0.332
S2982	26.92	0.00	0.00	20.64	5.79	0.14	128.01	0.215
S2983	26.92	0.00	0.00	16.99	9.37	0.01	6.94	0.348
S2984	26.92	0.00	0.00	16.86	9.50	0.01	6.81	0.353
S2985	26.92	0.00	0.00	16.93	9.42	0.01	7.00	0.350
S2986	26.92	0.00	0.00	10.27	15.59	0.02	18.06	0.579
S2987	26.92	0.00	0.00	8.36	17.52	0.01	7.16	0.651
S2988	26.92	0.00	0.00	17.05	9.31	0.01	7.65	0.346
S2989	26.92	0.00	0.00	8.52	17.35	0.01	7.65	0.645
S2991	26.92	0.00	0.00	13.38	12.74	0.00	5.33	0.473
S2992	26.92	0.00	0.00	13.24	12.88	0.00	5.52	0.478
S2993	26.92	0.00	0.00	17.06	9.30	0.01	8.60	0.345
S2997	26.92	0.00	0.00	13.16	12.96	0.00	5.65	0.481
S2998	26.92	0.00	0.00	17.16	9.20	0.01	9.34	0.342
S2999	26.92	0.00	0.00	13.28	12.84	0.00	5.46	0.477
S3	26.92	0.00	0.00	7.65	18.08	0.07	67.21	0.672
S30	26.92	0.00	0.00	18.20	8.16	0.10	112.77	0.303

S3000	26.92	0.00	0.00	13.13	12.99	0.00	5.71	0.483
S3001	26.92	0.00	0.00	13.12	13.00	0.00	5.73	0.483
S3002	26.92	0.00	0.00	13.20	12.92	0.00	5.59	0.480
S3003	26.92	0.00	0.00	13.05	13.07	0.00	5.85	0.485
S3004	26.92	0.00	0.00	9.69	16.19	0.01	7.53	0.601
S3005	26.92	0.00	0.00	9.74	16.14	0.01	7.29	0.599
S3006	26.92	0.00	0.00	10.33	15.53	0.05	52.14	0.577
S3026	26.92	0.00	0.00	14.05	12.06	0.03	27.72	0.448
S3027	26.92	0.00	0.00	13.21	12.91	0.00	5.44	0.480
S3029	26.92	0.00	0.00	13.25	12.86	0.01	6.16	0.478
S3033	26.92	0.00	0.00	10.19	15.67	0.02	19.69	0.582
S3035	26.92	0.00	0.00	13.33	12.78	0.00	5.40	0.475
S3036	26.92	0.00	0.00	13.17	12.94	0.01	10.64	0.481
S3037	26.92	0.00	0.00	13.26	12.85	0.00	5.36	0.477
S3038	26.92	0.00	0.00	17.38	8.97	0.01	8.65	0.333
S3041	26.92	0.00	0.00	10.21	15.66	0.02	19.85	0.582
S3045	26.92	0.00	0.00	13.30	12.82	0.00	5.45	0.476
S3048	26.92	0.00	0.00	13.24	12.88	0.00	5.39	0.478
S3049	26.92	0.00	0.00	10.04	15.83	0.01	16.48	0.588
S3053	26.92	0.00	0.00	17.36	9.00	0.01	8.49	0.334
S3054	26.92	0.00	0.00	17.40	8.95	0.01	8.51	0.333
S3055	26.92	0.00	0.00	13.12	13.00	0.01	9.67	0.483
S3056	26.92	0.00	0.00	17.27	9.09	0.01	7.32	0.338
S3057	26.92	0.00	0.00	13.15	12.97	0.00	5.69	0.482
S3059	26.92	0.00	0.00	13.43	12.69	0.01	12.25	0.471
S3060	26.92	0.00	0.00	17.47	8.89	0.01	9.94	0.330
S3061	26.92	0.00	0.00	16.93	9.43	0.01	7.01	0.350
S3062	26.92	0.00	0.00	16.89	9.47	0.01	7.13	0.352
S3064	26.92	0.00	0.00	10.46	15.39	0.03	34.76	0.572
S3065	26.92	0.00	0.00	13.29	12.83	0.00	5.33	0.477
S3066	26.92	0.00	0.00	16.81	9.54	0.01	7.33	0.355
S3067	26.92	0.00	0.00	16.93	9.42	0.01	7.01	0.350
S3068	26.92	0.00	0.00	16.83	9.53	0.01	7.29	0.354
S3069	26.92	0.00	0.00	10.32	15.54	0.03	36.71	0.577
S3071	26.92	0.00	0.00	16.83	9.52	0.01	7.29	0.354
S3072	26.92	0.00	0.00	16.88	9.48	0.01	7.16	0.352
S3073	26.92	0.00	0.00	16.96	9.40	0.01	6.96	0.349
S3074	26.92	0.00	0.00	17.16	9.20	0.01	8.09	0.342
S3075	26.92	0.00	0.00	16.94	9.41	0.01	6.99	0.350
S3076	26.92	0.00	0.00	16.91	9.45	0.01	7.09	0.351
S3077	26.92	0.00	0.00	16.87	9.49	0.01	7.19	0.353
S3078	26.92	0.00	0.00	16.99	9.36	0.01	6.88	0.348
S3079	26.92	0.00	0.00	17.00	9.36	0.01	6.87	0.348
S3080	26.92	0.00	0.00	13.52	12.59	0.01	11.99	0.468
S3081	26.92	0.00	0.00	10.42	15.44	0.03	25.94	0.573
S3082	26.92	0.00	0.00	7.85	17.74	0.14	92.80	0.659
S3083	26.92	0.00	0.00	14.75	11.33	0.04	33.76	0.421
S3084	26.92	0.00	0.00	7.65	18.09	0.31	313.41	0.672
S3086	26.92	0.00	0.00	14.15	11.95	0.02	25.32	0.444
S3090	26.92	0.00	0.00	13.51	12.60	0.01	16.38	0.468
S3096	26.92	0.00	0.00	13.21	12.90	0.00	5.58	0.479
S31	26.92	0.00	0.00	10.47	15.39	0.06	59.31	0.572
S3100	26.92	0.00	0.00	10.78	15.06	0.08	78.03	0.559
S3103	26.92	0.00	0.00	13.27	12.84	0.00	5.35	0.477
S3104	26.92	0.00	0.00	10.54	15.31	0.05	49.73	0.569
S3105	26.92	0.00	0.00	9.66	16.06	0.06	45.17	0.597
S3106	26.92	0.00	0.00	17.24	9.12	0.01	7.38	0.339
S3107	26.92	0.00	0.00	13.11	13.00	0.01	9.64	0.483
S3108	26.92	0.00	0.00	10.55	15.30	0.04	39.93	0.568
S3109	26.92	0.00	0.00	17.79	8.57	0.01	9.65	0.318
S3110	26.92	0.00	0.00	13.17	12.94	0.00	5.64	0.481
S3113	26.92	0.00	0.00	10.04	15.82	0.01	16.43	0.588
S3114	26.92	0.00	0.00	17.52	8.84	0.01	10.78	0.328
S3116	26.92	0.00	0.00	13.16	12.96	0.00	5.53	0.482
S3117	26.92	0.00	0.00	10.83	15.00	0.14	124.24	0.557
S3118	26.92	0.00	0.00	14.04	12.07	0.02	24.20	0.448
S3119	26.92	0.00	0.00	13.49	12.63	0.01	15.51	0.469
S3120	26.92	0.00	0.00	13.42	12.70	0.01	15.66	0.472
S3121	26.92	0.00	0.00	13.40	12.71	0.01	15.78	0.472
S3122	26.92	0.00	0.00	13.80	12.31	0.02	23.50	0.457
S3125	26.92	0.00	0.00	13.13	12.99	0.00	5.73	0.483
S3130	26.92	0.00	0.00	17.30	9.06	0.01	7.27	0.337
S3133	26.92	0.00	0.00	17.00	9.36	0.01	6.14	0.348
S3134	26.92	0.00	0.00	13.13	12.99	0.01	9.60	0.483
S3135	26.92	0.00	0.00	13.24	12.88	0.00	5.40	0.478

S3137	26.92	0.00	0.00	13.27	12.85	0.00	5.49	0.477
S3138	26.92	0.00	0.00	17.67	8.69	0.01	9.87	0.323
S3142	26.92	0.00	0.00	10.49	15.36	0.06	61.21	0.571
S3143	26.92	0.00	0.00	4.97	20.61	0.12	125.41	0.766
S3144	26.92	0.00	0.00	13.26	12.86	0.00	5.35	0.478
S3145	26.92	0.00	0.00	13.29	12.82	0.00	5.46	0.476
S3146	26.92	0.00	0.00	17.25	9.11	0.01	7.36	0.338
S3151	26.92	0.00	0.00	17.11	9.25	0.01	8.65	0.344
S3152	26.92	0.00	0.00	17.36	8.99	0.01	11.76	0.334
S3153	26.92	0.00	0.00	17.04	9.32	0.01	6.10	0.346
S3154	26.92	0.00	0.00	17.69	8.66	0.01	14.18	0.322
S3155	26.92	0.00	0.00	17.64	8.72	0.01	13.27	0.324
S3156	26.92	0.00	0.00	17.34	9.01	0.01	10.23	0.335
S3157	26.92	0.00	0.00	16.97	9.39	0.01	6.92	0.349
S3158	26.92	0.00	0.00	16.95	9.40	0.01	6.96	0.349
S3159	26.92	0.00	0.00	16.94	9.42	0.01	6.99	0.350
S3160	26.92	0.00	0.00	16.94	9.41	0.01	6.98	0.350
S3161	26.92	0.00	0.00	16.91	9.45	0.01	7.06	0.351
S3162	26.92	0.00	0.00	16.93	9.43	0.01	7.02	0.350
S3163	26.92	0.00	0.00	16.92	9.44	0.01	7.04	0.351
S3164	26.92	0.00	0.00	16.94	9.41	0.01	6.98	0.350
S3165	26.92	0.00	0.00	17.15	9.21	0.01	7.90	0.342
S3166	26.92	0.00	0.00	17.04	9.31	0.01	6.76	0.346
S3167	26.92	0.00	0.00	16.98	9.38	0.01	6.91	0.349
S3168	26.92	0.00	0.00	16.96	9.39	0.01	6.95	0.349
S3169	26.92	0.00	0.00	16.94	9.42	0.01	7.00	0.350
S3170	26.92	0.00	0.00	17.03	9.33	0.01	6.79	0.346
S3171	26.92	0.00	0.00	13.24	12.88	0.00	5.38	0.478
S3172	26.92	0.00	0.00	10.03	15.83	0.02	17.58	0.588
S3173	26.92	0.00	0.00	13.35	12.77	0.00	5.39	0.474
S3174	26.92	0.00	0.00	11.13	14.68	0.04	34.73	0.545
S3176	26.92	0.00	0.00	10.74	15.09	0.05	50.64	0.561
S3177	26.92	0.00	0.00	10.68	15.16	0.06	59.66	0.563
S3178	26.92	0.00	0.00	14.06	12.05	0.06	62.80	0.448
S3179	26.92	0.00	0.00	13.32	12.79	0.01	12.00	0.475
S3184	26.92	0.00	0.00	13.55	12.56	0.01	11.91	0.467
S3185	26.92	0.00	0.00	13.56	12.56	0.01	11.91	0.467
S3186	26.92	0.00	0.00	13.43	12.69	0.01	12.16	0.471
S3187	26.92	0.00	0.00	13.36	12.75	0.01	11.84	0.474
S3188	26.92	0.00	0.00	13.27	12.85	0.00	5.34	0.477
S3189	26.92	0.00	0.00	13.25	12.86	0.00	5.55	0.478
S3190	26.92	0.00	0.00	17.24	9.12	0.01	7.37	0.339
S3191	26.92	0.00	0.00	17.85	8.51	0.01	11.28	0.316
S3192	26.92	0.00	0.00	14.52	11.57	0.04	40.41	0.430
S3193	26.92	0.00	0.00	10.47	15.38	0.05	53.35	0.571
S3195	26.92	0.00	0.00	17.17	9.19	0.00	5.85	0.341
S3197	26.92	0.00	0.00	10.81	15.03	0.07	59.95	0.558
S32	26.92	0.00	0.00	18.35	7.87	2.96	2448.24	0.292
S3200	26.92	0.00	0.00	17.30	9.05	0.01	7.25	0.336
S3201	26.92	0.00	0.00	17.37	8.99	0.01	8.10	0.334
S3202	26.92	0.00	0.00	13.18	12.93	0.00	6.10	0.480
S3203	26.92	0.00	0.00	14.04	12.07	0.02	23.79	0.448
S3205	26.92	0.00	0.00	17.10	9.26	0.00	5.79	0.344
S3208	26.92	0.00	0.00	16.93	9.42	0.01	7.01	0.350
S3209	26.92	0.00	0.00	13.05	13.06	0.01	7.97	0.485
S3210	26.92	0.00	0.00	13.31	12.80	0.01	6.10	0.476
S3213	26.92	0.00	0.00	4.98	20.59	0.10	102.86	0.765
S3216	26.92	0.00	0.00	17.36	9.00	0.01	8.12	0.334
S3217	26.92	0.00	0.00	10.82	15.01	0.10	92.48	0.558
S3218	26.92	0.00	0.00	18.60	7.75	0.02	22.43	0.288
S3219	26.92	0.00	0.00	17.13	9.23	0.01	7.97	0.343
S3220	26.92	0.00	0.00	13.87	12.24	0.02	22.71	0.455
S3221	26.92	0.00	0.00	10.50	15.35	0.05	52.80	0.570
S3223	26.92	0.00	0.00	17.09	9.27	0.01	8.51	0.344
S3224	26.92	0.00	0.00	13.17	12.95	0.01	6.35	0.481
S3226	26.92	0.00	0.00	16.99	9.37	0.01	8.45	0.348
S3227	26.92	0.00	0.00	17.00	9.36	0.00	5.97	0.348
S3229	26.92	0.00	0.00	16.98	9.38	0.01	7.73	0.348
S3230	26.92	0.00	0.00	16.84	9.51	0.01	7.24	0.353
S3231	26.92	0.00	0.00	16.97	9.39	0.01	8.11	0.349
S3232	26.92	0.00	0.00	10.57	15.28	0.05	45.16	0.568
S3233	26.92	0.00	0.00	16.99	9.37	0.01	8.43	0.348
S3234	26.92	0.00	0.00	12.99	13.13	0.01	7.18	0.488
S3236	26.92	0.00	0.00	10.47	15.39	0.04	37.85	0.572
S3237	26.92	0.00	0.00	17.07	9.29	0.01	8.43	0.345

S3239	26.92	0.00	0.00	16.86	9.50	0.01	8.23	0.353
S3240	26.92	0.00	0.00	17.43	8.93	0.01	7.98	0.332
S3242	26.92	0.00	0.00	17.16	9.20	0.01	6.54	0.342
S3243	26.92	0.00	0.00	17.20	9.15	0.01	7.45	0.340
S3244	26.92	0.00	0.00	17.31	9.05	0.01	10.30	0.336
S3245	26.92	0.00	0.00	16.91	9.45	0.01	7.07	0.351
S3246	26.92	0.00	0.00	10.08	15.78	0.03	32.78	0.586
S3247	26.92	0.00	0.00	16.99	9.37	0.01	6.87	0.348
S3248	26.92	0.00	0.00	16.98	9.38	0.01	6.89	0.348
S3249	26.92	0.00	0.00	16.87	9.49	0.01	7.17	0.352
S3250	26.92	0.00	0.00	17.02	9.34	0.01	6.81	0.347
S3252	26.92	0.00	0.00	17.05	9.30	0.01	6.73	0.346
S3253	26.92	0.00	0.00	16.99	9.37	0.01	6.88	0.348
S3254	26.92	0.00	0.00	16.99	9.37	0.01	6.87	0.348
S3255	26.92	0.00	0.00	17.17	9.19	0.01	7.58	0.341
S3256	26.92	0.00	0.00	16.91	9.45	0.01	7.07	0.351
S3257	26.92	0.00	0.00	16.87	9.48	0.01	7.16	0.352
S3258	26.92	0.00	0.00	16.93	9.43	0.01	7.02	0.350
S3259	26.92	0.00	0.00	16.93	9.43	0.01	7.03	0.350
S3260	26.92	0.00	0.00	16.83	9.52	0.01	7.28	0.354
S3262	26.92	0.00	0.00	13.97	12.13	0.02	21.16	0.451
S3263	26.92	0.00	0.00	13.48	12.64	0.01	11.77	0.469
S3264	26.92	0.00	0.00	13.47	12.64	0.01	11.79	0.470
S3265	26.92	0.00	0.00	13.49	12.63	0.01	11.76	0.469
S3266	26.92	0.00	0.00	13.52	12.59	0.01	11.66	0.468
S3267	26.92	0.00	0.00	13.77	12.34	0.01	16.60	0.458
S3268	26.92	0.00	0.00	13.73	12.38	0.01	16.83	0.460
S3269	26.92	0.00	0.00	16.89	9.47	0.00	6.20	0.352
S3270	26.92	0.00	0.00	17.00	9.36	0.01	6.86	0.348
S3272	26.92	0.00	0.00	13.01	13.11	0.01	7.13	0.487
S3275	26.92	0.00	0.00	17.43	8.93	0.01	7.98	0.332
S3276	26.92	0.00	0.00	17.05	9.31	0.01	6.76	0.346
S3277	26.92	0.00	0.00	17.21	9.14	0.01	7.43	0.340
S3280	26.92	0.00	0.00	14.45	11.64	0.04	41.24	0.432
S3281	26.92	0.00	0.00	7.39	18.39	0.06	76.28	0.683
S3283	26.92	0.00	0.00	14.19	11.92	0.02	17.31	0.443
S3285	26.92	0.00	0.00	16.95	9.41	0.00	6.08	0.350
S3286	26.92	0.00	0.00	17.01	9.35	0.01	6.83	0.347
S3289	26.92	0.00	0.00	17.19	9.17	0.01	8.62	0.341
S3291	26.92	0.00	0.00	17.37	8.98	0.01	8.53	0.334
S3292	26.92	0.00	0.00	17.08	9.27	0.01	6.68	0.345
S3293	26.92	0.00	0.00	17.31	9.05	0.01	7.24	0.336
S3294	26.92	0.00	0.00	17.22	9.14	0.01	8.51	0.340
S3298	26.92	0.00	0.00	17.16	9.19	0.01	8.08	0.342
S33	26.92	0.00	0.00	11.49	14.27	0.08	59.90	0.530
S33_1	26.92	0.00	0.00	7.30	18.49	0.02	31.26	0.687
S33_10	26.92	0.00	0.00	13.47	12.64	0.04	46.72	0.470
S33_11	26.92	0.00	0.00	14.31	11.79	0.13	137.10	0.438
S33_12	26.92	0.00	0.00	7.20	18.60	0.02	22.58	0.691
S33_13	26.92	0.00	0.00	14.10	12.00	0.14	158.38	0.446
S33_14	26.92	0.00	0.00	7.70	18.02	0.10	89.70	0.670
S33_15	26.92	0.00	0.00	14.42	11.68	0.15	151.56	0.434
S33_16	26.92	0.00	0.00	12.26	13.85	0.01	17.22	0.515
S33_17	26.92	0.00	0.00	13.97	12.13	0.09	99.54	0.451
S33_18	26.92	0.00	0.00	14.01	12.10	0.13	144.43	0.449
S33_19	26.92	0.00	0.00	13.80	12.31	0.10	116.95	0.457
S33_2	26.92	0.00	0.00	10.84	14.96	0.37	316.82	0.556
S33_20	26.92	0.00	0.00	14.45	11.65	0.21	218.13	0.433
S33_21	26.92	0.00	0.00	7.45	18.33	0.04	47.27	0.681
S33_22	26.92	0.00	0.00	7.45	18.32	0.04	48.10	0.681
S33_23	26.92	0.00	0.00	14.12	11.99	0.15	160.73	0.445
S33_24	26.92	0.00	0.00	13.89	12.22	0.08	91.31	0.454
S33_25	26.92	0.00	0.00	13.19	12.92	0.04	50.03	0.480
S33_26	26.92	0.00	0.00	13.25	12.87	0.02	26.56	0.478
S33_27	26.92	0.00	0.00	7.36	18.42	0.03	37.68	0.684
S33_28	26.92	0.00	0.00	13.13	12.98	0.03	38.54	0.482
S33_29	26.92	0.00	0.00	12.94	13.18	0.02	29.48	0.490
S33_3	26.92	0.00	0.00	12.97	13.15	0.02	30.75	0.488
S33_30	26.92	0.00	0.00	12.14	13.98	0.01	13.72	0.519
S33_31	26.92	0.00	0.00	13.08	13.04	0.03	35.90	0.484
S33_32	26.92	0.00	0.00	13.67	12.44	0.08	87.54	0.462
S33_33	26.92	0.00	0.00	13.97	12.14	0.11	118.78	0.451
S33_34	26.92	0.00	0.00	7.57	18.19	0.06	65.26	0.676
S33_35	26.92	0.00	0.00	7.47	18.30	0.04	50.77	0.680
S33_36	26.92	0.00	0.00	13.36	12.75	0.05	61.67	0.474

S33_37	26.92	0.00	0.00	13.54	12.58	0.06	75.38	0.467
S33_38	26.92	0.00	0.00	13.72	12.39	0.08	92.12	0.460
S33_39	26.92	0.00	0.00	13.35	12.77	0.02	29.90	0.474
S33_4	26.92	0.00	0.00	25.87	0.97	0.09	57.13	0.036
S33_5	26.92	0.00	0.00	7.52	18.25	0.05	57.54	0.678
S33_6	26.92	0.00	0.00	26.49	0.35	0.11	59.39	0.013
S33_7	26.92	0.00	0.00	7.89	17.64	0.12	71.66	0.655
S33_8	26.92	0.00	0.00	14.23	11.88	0.16	177.84	0.441
S33_9	26.92	0.00	0.00	7.65	18.09	0.08	80.18	0.672
S3300	26.92	0.00	0.00	17.14	9.22	0.01	6.43	0.342
S3301	26.92	0.00	0.00	17.06	9.30	0.00	5.86	0.345
S3306	26.92	0.00	0.00	17.22	9.13	0.01	8.50	0.339
S3308	26.92	0.00	0.00	17.30	9.06	0.01	8.88	0.337
S3309	26.92	0.00	0.00	17.38	8.98	0.01	9.23	0.333
S3310	26.92	0.00	0.00	13.41	12.71	0.01	15.07	0.472
S3311	26.92	0.00	0.00	13.06	13.06	0.01	10.09	0.485
S3313	26.92	0.00	0.00	13.14	12.97	0.01	9.83	0.482
S3314	26.92	0.00	0.00	13.08	13.04	0.01	10.03	0.484
S3315	26.92	0.00	0.00	13.09	13.02	0.01	9.98	0.484
S3316	26.92	0.00	0.00	13.09	13.03	0.01	10.00	0.484
S3317	26.92	0.00	0.00	13.12	12.99	0.01	9.88	0.483
S3318	26.92	0.00	0.00	13.12	13.00	0.01	9.90	0.483
S3319	26.92	0.00	0.00	13.00	13.12	0.01	10.34	0.487
S3320	26.92	0.00	0.00	13.27	12.84	0.01	10.72	0.477
S3321	26.92	0.00	0.00	13.15	12.97	0.01	9.81	0.482
S3322	26.92	0.00	0.00	13.06	13.06	0.00	5.05	0.485
S3323	26.92	0.00	0.00	12.93	13.19	0.00	4.26	0.490
S3324	26.92	0.00	0.00	12.95	13.17	0.00	4.21	0.489
S3325	26.92	0.00	0.00	12.91	13.21	0.00	4.29	0.491
S3326	26.92	0.00	0.00	13.05	13.07	0.00	5.05	0.486
S3327	26.92	0.00	0.00	13.08	13.04	0.00	4.99	0.484
S3329	26.92	0.00	0.00	17.32	9.04	0.01	9.24	0.336
S3330	26.92	0.00	0.00	12.93	13.18	0.00	4.24	0.490
S3331	26.92	0.00	0.00	13.73	12.39	0.02	18.89	0.460
S3332	26.92	0.00	0.00	13.52	12.59	0.01	17.34	0.468
S3333	26.92	0.00	0.00	12.93	13.19	0.00	4.25	0.490
S3334	26.92	0.00	0.00	13.67	12.44	0.01	16.96	0.462
S3335	26.92	0.00	0.00	13.41	12.71	0.01	11.97	0.472
S3336	26.92	0.00	0.00	13.50	12.61	0.01	11.71	0.468
S3337	26.92	0.00	0.00	13.05	13.07	0.00	5.07	0.486
S3338	26.92	0.00	0.00	13.40	12.71	0.01	11.97	0.472
S3339	26.92	0.00	0.00	13.67	12.45	0.01	16.95	0.462
S3340	26.92	0.00	0.00	13.55	12.56	0.01	17.45	0.467
S3341	26.92	0.00	0.00	14.29	11.81	0.03	29.71	0.439
S3342	26.92	0.00	0.00	13.56	12.55	0.01	15.54	0.466
S3344	26.92	0.00	0.00	17.55	8.81	0.01	9.16	0.327
S3346	26.92	0.00	0.00	17.20	9.16	0.01	7.36	0.340
S3348	26.92	0.00	0.00	17.34	9.01	0.01	8.21	0.335
S3350	26.92	0.00	0.00	18.65	7.70	0.02	23.50	0.286
S3352	26.92	0.00	0.00	14.57	11.52	0.04	39.79	0.428
S3353	26.92	0.00	0.00	8.66	17.20	0.06	71.89	0.639
S3355	26.92	0.00	0.00	17.04	9.32	0.00	5.87	0.346
S3356	26.92	0.00	0.00	17.42	8.93	0.01	8.56	0.332
S3357	26.92	0.00	0.00	16.99	9.37	0.00	6.08	0.348
S3364	26.92	0.00	0.00	17.04	9.32	0.00	5.83	0.346
S3366	26.92	0.00	0.00	17.08	9.28	0.01	6.02	0.345
S3370	26.92	0.00	0.00	17.07	9.29	0.00	5.78	0.345
S3374	26.92	0.00	0.00	17.09	9.27	0.00	5.81	0.344
S3380	26.92	0.00	0.00	17.62	8.73	0.01	9.83	0.324
S3381	26.92	0.00	0.00	16.93	9.34	0.01	10.13	0.347
S3383	26.92	0.00	0.00	17.07	9.28	0.00	5.76	0.345
S3384	26.92	0.00	0.00	17.35	9.00	0.01	8.27	0.334
S3389	26.92	0.00	0.00	17.47	8.89	0.01	7.56	0.330
S3390	26.92	0.00	0.00	17.09	9.27	0.00	5.90	0.344
S3395	26.92	0.00	0.00	10.35	15.51	0.03	31.42	0.576
S3396	26.92	0.00	0.00	10.05	15.81	0.02	19.76	0.587
S3397	26.92	0.00	0.00	13.24	12.88	0.01	8.40	0.478
S3398	26.92	0.00	0.00	13.16	12.95	0.00	5.97	0.481
S3399	26.92	0.00	0.00	13.17	12.94	0.00	5.97	0.481
S34	26.92	0.00	0.00	26.72	0.11	0.04	20.04	0.004
S3401	26.92	0.00	0.00	17.26	9.10	0.01	6.91	0.338
S3403	26.92	0.00	0.00	17.38	8.97	0.01	7.09	0.333
S3405	26.92	0.00	0.00	17.08	9.28	0.00	5.76	0.345
S3408	26.92	0.00	0.00	17.06	9.30	0.00	5.96	0.345
S3410	26.92	0.00	0.00	8.61	17.18	0.01	10.00	0.638

S3411	26.92	0.00	0.00	8.66	17.13	0.01	9.71	0.636
S3412	26.92	0.00	0.00	8.46	17.34	0.01	11.23	0.644
S3413	26.92	0.00	0.00	8.59	17.21	0.01	10.16	0.639
S3414	26.92	0.00	0.00	8.65	17.14	0.02	19.34	0.637
S3415	26.92	0.00	0.00	10.18	15.69	0.01	16.38	0.583
S3416	26.92	0.00	0.00	10.09	15.78	0.01	15.18	0.586
S3418	26.92	0.00	0.00	5.23	20.00	1.39	702.40	0.743
S3421	26.92	0.00	0.00	13.17	12.94	0.01	6.57	0.481
S3422	26.92	0.00	0.00	17.39	8.97	0.01	7.25	0.333
S3423	26.92	0.00	0.00	17.29	9.07	0.01	6.73	0.337
S3424	26.92	0.00	0.00	5.07	20.44	0.28	240.33	0.760
S3425	26.92	0.00	0.00	5.10	20.39	0.57	456.30	0.757
S3429	26.92	0.00	0.00	13.24	12.88	0.01	6.45	0.478
S3430	26.92	0.00	0.00	16.90	9.46	0.01	6.23	0.351
S3431	26.92	0.00	0.00	17.37	8.98	0.01	7.41	0.334
S3432	26.92	0.00	0.00	10.53	15.32	0.04	37.33	0.569
S3434	26.92	0.00	0.00	17.03	9.32	0.00	5.91	0.346
S3435	26.92	0.00	0.00	11.30	14.49	0.12	92.01	0.538
S3436	26.92	0.00	0.00	17.02	9.34	0.01	6.26	0.347
S3439	26.92	0.00	0.00	25.36	1.48	0.02	10.64	0.055
S3440	26.92	0.00	0.00	10.18	15.68	0.01	14.15	0.583
S3442	26.92	0.00	0.00	17.18	9.18	0.00	5.84	0.341
S3443	26.92	0.00	0.00	9.84	16.03	0.01	9.06	0.595
S3444	26.92	0.00	0.00	17.35	9.01	0.01	6.76	0.335
S3445	26.92	0.00	0.00	17.06	9.30	0.00	5.78	0.345
S3446	26.92	0.00	0.00	9.81	16.06	0.01	8.80	0.597
S3447	26.92	0.00	0.00	17.35	9.01	0.01	6.02	0.335
S3448	26.92	0.00	0.00	10.11	15.76	0.02	18.66	0.585
S3449	26.92	0.00	0.00	9.78	16.09	0.00	6.17	0.598
S3450	26.92	0.00	0.00	9.90	15.97	0.01	11.65	0.593
S3451	26.92	0.00	0.00	17.38	8.98	0.01	6.99	0.334
S3452	26.92	0.00	0.00	17.12	9.24	0.01	6.08	0.343
S3453	26.92	0.00	0.00	12.94	13.17	0.00	6.47	0.489
S3454	26.92	0.00	0.00	9.95	15.93	0.01	11.39	0.592
S3456	26.92	0.00	0.00	12.73	13.39	0.00	4.74	0.498
S3458	26.92	0.00	0.00	12.92	13.20	0.01	6.72	0.490
S3459	26.92	0.00	0.00	9.90	15.97	0.01	11.61	0.593
S3460	26.92	0.00	0.00	16.99	9.37	0.00	5.82	0.348
S3462	26.92	0.00	0.00	12.88	13.23	0.00	5.80	0.492
S3463	26.92	0.00	0.00	12.93	13.18	0.00	5.81	0.490
S3464	26.92	0.00	0.00	12.86	13.26	0.00	5.04	0.493
S3465	26.92	0.00	0.00	12.83	13.29	0.00	5.12	0.494
S3466	26.92	0.00	0.00	12.96	13.15	0.00	6.49	0.489
S3468	26.92	0.00	0.00	17.09	9.27	0.00	5.92	0.344
S3469	26.92	0.00	0.00	13.24	12.88	0.01	9.43	0.478
S3470	26.92	0.00	0.00	9.97	15.90	0.01	11.30	0.591
S3471	26.92	0.00	0.00	17.15	9.20	0.01	6.46	0.342
S3472	26.92	0.00	0.00	13.11	13.00	0.01	8.03	0.483
S3473	26.92	0.00	0.00	9.91	15.96	0.01	13.89	0.593
S3474	26.92	0.00	0.00	4.97	20.61	0.09	93.52	0.766
S3475	26.92	0.00	0.00	7.46	18.32	0.08	92.67	0.681
S3476	26.92	0.00	0.00	5.00	20.56	0.48	473.80	0.764
S3477	26.92	0.00	0.00	9.81	16.06	0.01	9.71	0.597
S3478	26.92	0.00	0.00	13.01	13.10	0.01	6.87	0.487
S3479	26.92	0.00	0.00	17.00	9.36	0.00	5.34	0.348
S3481	26.92	0.00	0.00	17.08	9.28	0.01	6.84	0.345
S3484	26.92	0.00	0.00	17.43	8.93	0.01	7.72	0.332
S3485	26.92	0.00	0.00	17.07	9.29	0.00	5.97	0.345
S3487	26.92	0.00	0.00	10.76	15.08	0.04	34.12	0.560
S3488	26.92	0.00	0.00	10.32	15.53	0.03	30.48	0.577
S3489	26.92	0.00	0.00	17.16	9.20	0.01	6.45	0.342
S3490	26.92	0.00	0.00	17.03	9.33	0.00	5.38	0.347
S3491	26.92	0.00	0.00	10.50	15.35	0.03	29.12	0.570
S3492	26.92	0.00	0.00	13.02	13.10	0.01	6.86	0.487
S3493	26.92	0.00	0.00	17.22	9.14	0.01	7.01	0.339
S3494	26.92	0.00	0.00	8.84	17.01	0.14	157.61	0.632
S3495	26.92	0.00	0.00	17.05	9.31	0.00	5.78	0.346
S3496	26.92	0.00	0.00	17.02	9.34	0.01	6.07	0.347
S3498	26.92	0.00	0.00	17.44	8.92	0.01	7.90	0.331
S3499	26.92	0.00	0.00	17.15	9.21	0.01	6.03	0.342
S35	26.92	0.00	0.00	10.22	15.64	0.02	26.89	0.581
S3500	26.92	0.00	0.00	16.96	9.40	0.00	5.57	0.349
S3501	26.92	0.00	0.00	10.36	15.50	0.03	30.28	0.576
S3502	26.92	0.00	0.00	13.07	13.04	0.01	7.23	0.485
S3503	26.92	0.00	0.00	9.96	15.91	0.01	11.80	0.591

S3504	26.92	0.00	0.00	9.92	15.95	0.01	8.62	0.592
S3505	26.92	0.00	0.00	9.95	15.92	0.01	9.51	0.591
S3506	26.92	0.00	0.00	10.01	15.86	0.01	10.28	0.589
S3507	26.92	0.00	0.00	10.02	15.85	0.01	11.18	0.589
S3508	26.92	0.00	0.00	10.01	15.86	0.01	12.20	0.589
S3509	26.92	0.00	0.00	9.90	15.98	0.01	10.10	0.594
S3510	26.92	0.00	0.00	10.07	15.79	0.02	17.28	0.587
S3511	26.92	0.00	0.00	10.00	15.87	0.01	15.20	0.590
S3513	26.92	0.00	0.00	16.99	9.37	0.01	6.13	0.348
S3514	26.92	0.00	0.00	17.07	9.29	0.00	5.77	0.345
S3515	26.92	0.00	0.00	12.92	13.20	0.00	6.25	0.490
S3516	26.92	0.00	0.00	16.94	9.42	0.00	5.60	0.350
S3517	26.92	0.00	0.00	4.97	20.61	0.09	93.42	0.766
S3518	26.92	0.00	0.00	7.43	18.35	0.08	94.12	0.682
S3519	26.92	0.00	0.00	17.15	9.21	0.01	6.10	0.342
S3520	26.92	0.00	0.00	12.87	13.25	0.00	5.80	0.492
S3522	26.92	0.00	0.00	12.95	13.17	0.00	6.59	0.489
S3523	26.92	0.00	0.00	12.72	13.40	0.00	4.79	0.498
S3524	26.92	0.00	0.00	12.81	13.31	0.00	6.05	0.494
S3525	26.92	0.00	0.00	12.88	13.23	0.00	5.98	0.492
S3526	26.92	0.00	0.00	12.80	13.32	0.00	5.20	0.495
S3527	26.92	0.00	0.00	12.78	13.34	0.00	5.29	0.496
S3528	26.92	0.00	0.00	12.92	13.20	0.00	6.61	0.490
S3529	26.92	0.00	0.00	16.97	9.39	0.01	6.17	0.349
S3530	26.92	0.00	0.00	10.73	15.11	0.08	75.54	0.561
S3531	26.92	0.00	0.00	10.42	15.43	0.03	30.63	0.573
S3532	26.92	0.00	0.00	17.07	9.28	0.00	5.76	0.345
S3533	26.92	0.00	0.00	10.32	15.54	0.03	36.31	0.577
S3534	26.92	0.00	0.00	10.42	15.44	0.03	26.64	0.573
S3535	26.92	0.00	0.00	16.98	9.38	0.00	5.44	0.349
S3536	26.92	0.00	0.00	17.20	9.16	0.01	6.65	0.340
S3537	26.92	0.00	0.00	17.13	9.23	0.01	6.27	0.343
S3538	26.92	0.00	0.00	17.14	9.22	0.01	6.34	0.342
S3539	26.92	0.00	0.00	17.37	8.98	0.01	7.48	0.334
S3541	26.92	0.00	0.00	9.82	16.06	0.01	7.39	0.597
S3542	26.92	0.00	0.00	9.80	16.07	0.01	7.53	0.597
S3543	26.92	0.00	0.00	7.75	17.94	0.61	524.64	0.667
S3544	26.92	0.00	0.00	16.91	9.45	0.00	5.37	0.351
S3545	26.92	0.00	0.00	17.03	9.33	0.00	5.91	0.347
S3546	26.92	0.00	0.00	10.13	15.74	0.01	16.31	0.585
S3547	26.92	0.00	0.00	11.27	14.52	0.12	94.74	0.540
S3548	26.92	0.00	0.00	17.03	9.33	0.01	6.05	0.347
S3549	26.92	0.00	0.00	17.10	9.26	0.00	5.71	0.344
S3550	26.92	0.00	0.00	9.88	15.99	0.01	7.44	0.594
S3551	26.92	0.00	0.00	17.54	8.82	0.01	8.43	0.328
S3552	26.92	0.00	0.00	25.64	1.19	0.01	5.45	0.044
S3553	26.92	0.00	0.00	17.50	8.86	0.01	8.51	0.329
S3554	26.92	0.00	0.00	10.03	15.84	0.02	17.63	0.588
S3555	26.92	0.00	0.00	16.92	9.44	0.00	5.35	0.351
S3556	26.92	0.00	0.00	10.08	15.79	0.02	17.76	0.587
S3557	26.92	0.00	0.00	9.97	15.90	0.01	11.26	0.591
S3558	26.92	0.00	0.00	9.95	15.92	0.01	11.38	0.592
S3559	26.92	0.00	0.00	9.99	15.88	0.01	11.18	0.590
S3560	26.92	0.00	0.00	10.04	15.83	0.01	10.98	0.588
S3561	26.92	0.00	0.00	10.02	15.85	0.01	11.05	0.589
S3562	26.92	0.00	0.00	10.02	15.85	0.01	11.05	0.589
S3563	26.92	0.00	0.00	9.98	15.89	0.01	11.23	0.590
S3564	26.92	0.00	0.00	10.00	15.87	0.01	11.13	0.589
S3566	26.92	0.00	0.00	10.72	15.12	0.09	82.04	0.562
S3567	26.92	0.00	0.00	10.18	15.69	0.02	16.95	0.583
S3568	26.92	0.00	0.00	10.10	15.77	0.02	17.26	0.586
S3569	26.92	0.00	0.00	17.07	9.29	0.00	5.98	0.345
S3571	26.92	0.00	0.00	17.00	9.36	0.00	5.89	0.348
S3572	26.92	0.00	0.00	9.84	16.03	0.01	7.44	0.596
S3573	26.92	0.00	0.00	9.81	16.07	0.01	7.44	0.597
S3574	26.92	0.00	0.00	9.81	16.06	0.01	7.23	0.597
S3575	26.92	0.00	0.00	10.05	15.81	0.02	17.25	0.588
S3576	26.92	0.00	0.00	4.93	20.67	0.09	98.73	0.768
S3577	26.92	0.00	0.00	7.40	18.38	0.08	95.55	0.683
S3578	26.92	0.00	0.00	17.11	9.24	0.01	6.54	0.343
S3579	26.92	0.00	0.00	10.12	15.75	0.02	16.98	0.585
S3580	26.92	0.00	0.00	10.41	15.44	0.04	38.04	0.574
S3581	26.92	0.00	0.00	17.02	9.33	0.00	5.73	0.347
S3582	26.92	0.00	0.00	10.13	15.74	0.02	17.09	0.585
S3584	26.92	0.00	0.00	17.35	9.01	0.01	7.49	0.335

S3585	26.92	0.00	0.00	17.06	9.30	0.00	5.80	0.345
S3586	26.92	0.00	0.00	17.07	9.29	0.01	6.38	0.345
S3587	26.92	0.00	0.00	17.50	8.86	0.01	8.67	0.329
S3588	26.92	0.00	0.00	9.98	15.89	0.01	9.64	0.590
S3589	26.92	0.00	0.00	17.12	9.23	0.01	6.26	0.343
S3591	26.92	0.00	0.00	17.02	9.34	0.00	5.86	0.347
S3593	26.92	0.00	0.00	10.84	14.62	0.18	87.94	0.543
S3594	26.92	0.00	0.00	17.67	8.59	0.18	176.81	0.319
S3595	26.92	0.00	0.00	17.71	8.55	0.18	174.69	0.318
S3596	26.92	0.00	0.00	10.28	15.58	0.02	23.14	0.579
S3597	26.92	0.00	0.00	9.98	15.89	0.01	9.80	0.590
S3599	26.92	0.00	0.00	17.06	9.30	0.00	5.71	0.345
S36	26.92	0.00	0.00	10.15	15.71	0.02	27.48	0.584
S3602	26.92	0.00	0.00	17.07	9.29	0.00	5.76	0.345
S3604	26.92	0.00	0.00	9.95	15.92	0.01	10.06	0.592
S3605	26.92	0.00	0.00	9.93	15.94	0.01	10.12	0.592
S3608	26.92	0.00	0.00	9.95	15.92	0.01	7.78	0.592
S3610	26.92	0.00	0.00	10.18	15.68	0.01	15.43	0.583
S3611	26.92	0.00	0.00	7.59	18.16	0.14	150.33	0.675
S3612	26.92	0.00	0.00	17.45	8.91	0.01	8.12	0.331
S3613	26.92	0.00	0.00	9.95	15.92	0.01	11.35	0.591
S3615	26.92	0.00	0.00	16.96	9.40	0.00	5.88	0.349
S3618	26.92	0.00	0.00	17.05	9.31	0.00	5.80	0.346
S3620	26.92	0.00	0.00	17.06	9.29	0.01	6.21	0.345
S3621	26.92	0.00	0.00	17.30	9.06	0.01	7.75	0.337
S3622	26.92	0.00	0.00	17.69	8.66	0.01	10.23	0.322
S3623	26.92	0.00	0.00	4.96	20.62	0.09	94.01	0.766
S3624	26.92	0.00	0.00	7.43	18.34	0.08	93.80	0.681
S3625	26.92	0.00	0.00	9.91	15.96	0.01	10.24	0.593
S3627	26.92	0.00	0.00	9.96	15.91	0.01	10.02	0.591
S3629	26.92	0.00	0.00	13.15	12.96	0.00	6.22	0.482
S3632	26.92	0.00	0.00	13.13	12.99	0.01	8.22	0.483
S3633	26.92	0.00	0.00	13.09	13.03	0.01	8.31	0.484
S3637	26.92	0.00	0.00	9.03	16.79	0.49	474.60	0.624
S3638	26.92	0.00	0.00	17.00	9.36	0.01	6.13	0.348
S3643	26.92	0.00	0.00	10.53	15.32	0.03	31.84	0.569
S3644	26.92	0.00	0.00	10.48	15.37	0.03	31.02	0.571
S3648	26.92	0.00	0.00	17.06	9.30	0.00	5.82	0.346
S3649	26.92	0.00	0.00	10.85	14.98	0.09	84.51	0.556
S3650	26.92	0.00	0.00	9.93	15.94	0.01	7.84	0.592
S3651	26.92	0.00	0.00	10.00	15.87	0.01	11.20	0.590
S3652	26.92	0.00	0.00	9.98	15.89	0.01	11.30	0.590
S3653_1	26.92	0.00	0.00	10.53	15.32	0.13	129.54	0.569
S3653_2	26.92	0.00	0.00	11.39	14.39	0.30	231.33	0.535
S3654	26.92	0.00	0.00	10.05	15.82	0.01	13.39	0.588
S3657	26.92	0.00	0.00	10.06	15.81	0.01	14.91	0.587
S3658	26.92	0.00	0.00	13.14	12.98	0.00	5.98	0.482
S3659	26.92	0.00	0.00	10.16	15.70	0.02	21.75	0.583
S3661	26.92	0.00	0.00	10.31	15.55	0.03	28.92	0.578
S3662	26.92	0.00	0.00	9.99	15.88	0.01	9.91	0.590
S3663	26.92	0.00	0.00	10.17	15.70	0.02	22.01	0.583
S3664	26.92	0.00	0.00	17.19	9.17	0.01	6.25	0.341
S3665	26.92	0.00	0.00	17.00	9.36	0.00	5.75	0.348
S3666	26.92	0.00	0.00	17.25	9.11	0.01	6.52	0.338
S3667	26.92	0.00	0.00	17.93	8.42	0.01	12.10	0.313
S3668	26.92	0.00	0.00	10.27	15.59	0.02	21.92	0.579
S3669	26.92	0.00	0.00	17.23	9.13	0.01	6.32	0.339
S3670	26.92	0.00	0.00	17.21	9.15	0.01	6.46	0.340
S3671	26.92	0.00	0.00	13.07	13.05	0.01	9.33	0.485
S3672	26.92	0.00	0.00	13.12	12.99	0.01	8.98	0.483
S3673	26.92	0.00	0.00	10.14	15.73	0.02	18.02	0.584
S3675	26.92	0.00	0.00	10.12	15.75	0.02	19.73	0.585
S3676	26.92	0.00	0.00	10.18	15.69	0.02	18.59	0.583
S3678	26.92	0.00	0.00	17.43	8.92	0.01	7.71	0.332
S3680	26.92	0.00	0.00	10.23	15.63	0.02	23.21	0.581
S3681	26.92	0.00	0.00	16.95	9.41	0.01	6.16	0.350
S3683	26.92	0.00	0.00	10.16	15.70	0.02	18.94	0.583
S3684	26.92	0.00	0.00	10.08	15.79	0.01	11.83	0.587
S3685	26.92	0.00	0.00	17.06	9.29	0.01	6.07	0.345
S3686	26.92	0.00	0.00	10.11	15.76	0.02	24.98	0.585
S3687	26.92	0.00	0.00	17.23	9.13	0.01	7.61	0.339
S3690	26.92	0.00	0.00	12.92	13.20	0.01	6.72	0.490
S3691	26.92	0.00	0.00	12.91	13.21	0.00	5.95	0.491
S3692	26.92	0.00	0.00	13.16	12.96	0.01	9.04	0.481
S3693	26.92	0.00	0.00	13.17	12.94	0.01	9.01	0.481

S3694	26.92	0.00	0.00	13.16	12.96	0.01	9.05	0.481
S3695	26.92	0.00	0.00	17.19	9.17	0.01	6.71	0.340
S3696	26.92	0.00	0.00	13.21	12.90	0.01	9.20	0.479
S3697	26.92	0.00	0.00	17.14	9.22	0.01	6.68	0.342
S3698	26.92	0.00	0.00	10.11	15.76	0.01	15.40	0.585
S3699	26.92	0.00	0.00	10.08	15.79	0.01	16.23	0.586
S37	26.92	0.00	0.00	10.02	15.85	0.02	28.85	0.589
S3700	26.92	0.00	0.00	13.16	12.96	0.00	5.99	0.481
S3701	26.92	0.00	0.00	10.21	15.66	0.02	17.83	0.582
S3702	26.92	0.00	0.00	13.12	13.00	0.01	9.41	0.483
S3703	26.92	0.00	0.00	10.23	15.63	0.01	12.95	0.581
S3704	26.92	0.00	0.00	9.94	15.93	0.01	10.83	0.592
S3705	26.92	0.00	0.00	9.96	15.91	0.01	10.76	0.591
S3706	26.92	0.00	0.00	10.24	15.63	0.03	29.05	0.581
S3707	26.92	0.00	0.00	13.24	12.88	0.01	10.44	0.479
S3708	26.92	0.00	0.00	10.81	15.03	0.10	89.51	0.558
S3709	26.92	0.00	0.00	9.73	16.14	0.00	3.38	0.600
S3710	26.92	0.00	0.00	9.86	16.01	0.01	10.46	0.595
S3711	26.92	0.00	0.00	9.86	16.01	0.01	6.84	0.595
S3715	26.92	0.00	0.00	9.09	16.68	0.20	202.57	0.620
S3717	26.92	0.00	0.00	13.21	12.90	0.01	11.17	0.479
S3718	26.92	0.00	0.00	7.77	17.91	0.84	692.95	0.665
S3719	26.92	0.00	0.00	13.18	12.94	0.01	8.99	0.481
S3720	26.92	0.00	0.00	10.10	15.77	0.01	15.26	0.586
S3721	26.92	0.00	0.00	17.21	9.14	0.01	7.11	0.340
S3722	26.92	0.00	0.00	13.84	12.27	0.01	14.44	0.456
S3724	26.92	0.00	0.00	13.19	12.92	0.00	5.95	0.480
S3725	26.92	0.00	0.00	13.74	12.37	0.01	12.21	0.460
S3726	26.92	0.00	0.00	16.98	9.38	0.00	5.89	0.348
S3727	26.92	0.00	0.00	13.50	12.62	0.01	8.54	0.469
S3728	26.92	0.00	0.00	17.13	9.23	0.01	6.09	0.343
S3729	26.92	0.00	0.00	16.97	9.39	0.00	5.96	0.349
S3730	26.92	0.00	0.00	16.99	9.37	0.00	5.92	0.348
S3731	26.92	0.00	0.00	17.00	9.36	0.00	5.76	0.348
S3732	26.92	0.00	0.00	13.42	12.69	0.01	8.67	0.472
S3733	26.92	0.00	0.00	17.11	9.24	0.01	6.28	0.343
S3734	26.92	0.00	0.00	4.94	20.66	0.09	95.20	0.767
S3735	26.92	0.00	0.00	17.28	9.08	0.01	6.98	0.337
S3736	26.92	0.00	0.00	7.38	18.40	0.08	94.02	0.684
S3737	26.92	0.00	0.00	10.06	15.81	0.01	12.67	0.587
S3738	26.92	0.00	0.00	14.19	11.91	0.02	18.50	0.443
S3739	26.92	0.00	0.00	17.12	9.24	0.01	6.24	0.343
S3741	26.92	0.00	0.00	9.98	15.89	0.01	9.95	0.590
S3742	26.92	0.00	0.00	10.32	15.54	0.03	30.17	0.577
S3743	26.92	0.00	0.00	9.91	15.97	0.01	10.28	0.593
S3744	26.92	0.00	0.00	16.97	9.39	0.00	5.75	0.349
S3745	26.92	0.00	0.00	10.32	15.54	0.02	25.14	0.577
S3746	26.92	0.00	0.00	13.23	12.88	0.01	10.13	0.479
S3747	26.92	0.00	0.00	13.05	13.07	0.01	9.95	0.485
S3748	26.92	0.00	0.00	13.22	12.90	0.01	12.04	0.479
S3751	26.92	0.00	0.00	13.21	12.91	0.00	5.69	0.480
S3753	26.92	0.00	0.00	13.13	12.98	0.01	9.12	0.482
S3754	26.92	0.00	0.00	7.58	18.17	0.13	140.01	0.675
S3755	26.92	0.00	0.00	10.11	15.76	0.01	16.26	0.585
S3756	26.92	0.00	0.00	10.09	15.77	0.01	16.35	0.586
S3757	26.92	0.00	0.00	7.37	18.42	0.07	91.50	0.684
S3758	26.92	0.00	0.00	10.22	15.64	0.03	36.42	0.581
S3759	26.92	0.00	0.00	17.20	9.16	0.01	7.14	0.340
S3760	26.92	0.00	0.00	11.50	14.27	0.32	234.09	0.530
S3761	26.92	0.00	0.00	13.84	12.27	0.01	11.95	0.456
S3763	26.92	0.00	0.00	17.03	9.33	0.00	5.78	0.347
S3764	26.92	0.00	0.00	17.15	9.21	0.01	7.03	0.342
S3765	26.92	0.00	0.00	10.04	15.83	0.01	15.75	0.588
S3766	26.92	0.00	0.00	13.80	12.31	0.01	12.07	0.457
S3767	26.92	0.00	0.00	9.98	15.89	0.01	12.96	0.590
S3768	26.92	0.00	0.00	10.02	15.85	0.01	12.78	0.589
S3769	26.92	0.00	0.00	10.01	15.86	0.01	12.86	0.589
S3771	26.92	0.00	0.00	10.00	15.87	0.01	11.84	0.590
S3772	26.92	0.00	0.00	13.84	12.27	0.01	11.96	0.456
S3774	26.92	0.00	0.00	13.14	12.98	0.00	5.77	0.482
S3775	26.92	0.00	0.00	17.00	9.35	0.00	5.65	0.347
S3776	26.92	0.00	0.00	17.26	9.10	0.01	7.02	0.338
S3777	26.92	0.00	0.00	13.51	12.61	0.01	13.66	0.468
S3778	26.92	0.00	0.00	17.00	9.36	0.01	6.39	0.348
S3779	26.92	0.00	0.00	17.11	9.24	0.01	6.03	0.343

S3780	26.92	0.00	0.00	9.94	15.93	0.01	11.30	0.592
S3781	26.92	0.00	0.00	17.02	9.33	0.00	5.76	0.347
S3782	26.92	0.00	0.00	9.97	15.90	0.01	11.17	0.591
S3783	26.92	0.00	0.00	13.31	12.80	0.01	11.10	0.476
S3784	26.92	0.00	0.00	13.19	12.93	0.01	8.96	0.480
S3785	26.92	0.00	0.00	13.14	12.98	0.01	8.96	0.482
S3786	26.92	0.00	0.00	17.61	8.75	0.01	9.48	0.325
S3787	26.92	0.00	0.00	14.09	12.02	0.02	18.98	0.446
S3788	26.92	0.00	0.00	13.91	12.20	0.01	15.74	0.453
S3789	26.92	0.00	0.00	13.20	12.92	0.01	8.94	0.480
S3790	26.92	0.00	0.00	13.36	12.76	0.01	11.77	0.474
S3791	26.92	0.00	0.00	10.57	15.28	0.04	34.98	0.568
S3792	26.92	0.00	0.00	13.42	12.69	0.01	8.69	0.471
S3793	26.92	0.00	0.00	13.75	12.36	0.01	12.18	0.459
S3794	26.92	0.00	0.00	13.21	12.90	0.00	5.53	0.479
S3795	26.92	0.00	0.00	16.98	9.37	0.00	5.98	0.348
S3796	26.92	0.00	0.00	13.86	12.25	0.01	14.96	0.455
S3797	26.92	0.00	0.00	17.28	9.08	0.01	6.98	0.337
S38	26.92	0.00	0.00	9.99	15.88	0.02	21.89	0.590
S3807	26.92	0.00	0.00	10.74	15.10	0.07	68.47	0.561
S3809	26.92	0.00	0.00	10.27	15.59	0.02	23.74	0.579
S3810	26.92	0.00	0.00	17.41	8.95	0.01	7.70	0.332
S3811	26.92	0.00	0.00	10.14	15.72	0.02	17.55	0.584
S3812	26.92	0.00	0.00	10.00	15.87	0.01	12.20	0.590
S3813	26.92	0.00	0.00	13.76	12.35	0.01	13.76	0.459
S3814	26.92	0.00	0.00	13.88	12.23	0.01	14.43	0.454
S3815	26.92	0.00	0.00	14.16	11.94	0.02	18.14	0.444
S3816	26.92	0.00	0.00	14.11	12.00	0.02	18.35	0.446
S3817	26.92	0.00	0.00	17.28	9.08	0.01	6.98	0.337
S3818	26.92	0.00	0.00	13.80	12.31	0.01	13.33	0.457
S3819	26.92	0.00	0.00	10.06	15.81	0.01	14.81	0.587
S3820	26.92	0.00	0.00	17.04	9.31	0.00	5.72	0.346
S3821	26.92	0.00	0.00	10.42	15.44	0.03	27.08	0.573
S3822	26.92	0.00	0.00	10.15	15.72	0.01	14.35	0.584
S3823	26.92	0.00	0.00	13.07	13.05	0.00	5.82	0.485
S3824	26.92	0.00	0.00	13.90	12.21	0.01	14.41	0.454
S3825	26.92	0.00	0.00	13.51	12.61	0.01	10.37	0.468
S3826	26.92	0.00	0.00	14.24	11.86	0.02	22.23	0.440
S3827	26.92	0.00	0.00	13.16	12.95	0.01	9.03	0.481
S3828	26.92	0.00	0.00	13.97	12.14	0.01	15.86	0.451
S3829	26.92	0.00	0.00	14.20	11.90	0.02	17.96	0.442
S3830	26.92	0.00	0.00	17.00	9.36	0.00	5.75	0.348
S3831	26.92	0.00	0.00	14.11	12.00	0.02	18.34	0.446
S3832	26.92	0.00	0.00	17.31	9.05	0.01	7.51	0.336
S3833	26.92	0.00	0.00	4.97	20.62	0.09	91.26	0.766
S3834	26.92	0.00	0.00	7.46	18.32	0.08	90.33	0.681
S3835	26.92	0.00	0.00	10.29	15.57	0.03	36.27	0.578
S3836	26.92	0.00	0.00	13.58	12.53	0.01	10.19	0.466
S3837	26.92	0.00	0.00	17.25	9.10	0.01	7.02	0.338
S3838	26.92	0.00	0.00	13.90	12.20	0.01	14.33	0.453
S3839	26.92	0.00	0.00	10.19	15.68	0.02	19.93	0.582
S3840	26.92	0.00	0.00	13.79	12.32	0.01	12.22	0.458
S3841	26.92	0.00	0.00	13.23	12.89	0.01	6.48	0.479
S3842	26.92	0.00	0.00	13.86	12.25	0.01	13.58	0.455
S3843	26.92	0.00	0.00	13.90	12.21	0.01	14.35	0.454
S3844	26.92	0.00	0.00	9.91	15.96	0.01	8.33	0.593
S3845	26.92	0.00	0.00	13.99	12.12	0.01	16.11	0.450
S3846	26.92	0.00	0.00	17.43	8.92	0.01	8.50	0.332
S3847	26.92	0.00	0.00	17.25	9.11	0.01	7.19	0.338
S3848	26.92	0.00	0.00	16.96	9.40	0.00	5.91	0.349
S3849	26.92	0.00	0.00	16.98	9.38	0.00	5.89	0.348
S3850	26.92	0.00	0.00	16.99	9.37	0.00	5.91	0.348
S3851	26.92	0.00	0.00	17.08	9.28	0.00	5.76	0.345
S3852	26.92	0.00	0.00	17.01	9.35	0.00	5.88	0.347
S3853	26.92	0.00	0.00	16.98	9.38	0.00	5.94	0.349
S3854	26.92	0.00	0.00	17.22	9.14	0.01	7.16	0.340
S3855	26.92	0.00	0.00	17.06	9.30	0.00	5.69	0.345
S3856	26.92	0.00	0.00	10.20	15.67	0.02	17.68	0.582
S3857	26.92	0.00	0.00	10.08	15.78	0.02	18.45	0.586
S3858	26.92	0.00	0.00	17.22	9.14	0.01	7.10	0.339
S3859	26.92	0.00	0.00	13.68	12.43	0.01	12.48	0.462
S3861	26.92	0.00	0.00	13.58	12.53	0.01	14.45	0.466
S3862	26.92	0.00	0.00	16.94	9.42	0.00	5.69	0.350
S3863	26.92	0.00	0.00	13.58	12.53	0.01	9.52	0.466
S3864	26.92	0.00	0.00	13.15	12.97	0.01	9.07	0.482

S3865	26.92	0.00	0.00	13.62	12.49	0.01	10.14	0.464
S3866	26.92	0.00	0.00	14.25	11.85	0.02	17.74	0.440
S3867	26.92	0.00	0.00	13.26	12.86	0.01	6.27	0.478
S3868	26.92	0.00	0.00	13.82	12.29	0.01	13.08	0.456
S3869	26.92	0.00	0.00	13.67	12.44	0.01	10.64	0.462
S3870	26.92	0.00	0.00	13.63	12.49	0.01	9.92	0.464
S3871	26.92	0.00	0.00	9.99	15.88	0.01	11.48	0.590
S3872	26.92	0.00	0.00	17.07	9.29	0.00	5.54	0.345
S3873	26.92	0.00	0.00	10.07	15.79	0.01	12.97	0.587
S3874	26.92	0.00	0.00	7.40	18.38	0.07	90.05	0.683
S3875	26.92	0.00	0.00	10.11	15.76	0.01	12.81	0.585
S3877	26.92	0.00	0.00	17.17	9.19	0.01	7.19	0.341
S3878	26.92	0.00	0.00	10.24	15.62	0.02	18.30	0.580
S3879	26.92	0.00	0.00	10.08	15.79	0.01	12.95	0.587
S3880	26.92	0.00	0.00	13.16	12.96	0.00	6.17	0.481
S3881	26.92	0.00	0.00	10.17	15.69	0.02	18.75	0.583
S3882	26.92	0.00	0.00	10.14	15.72	0.02	18.95	0.584
S3883	26.92	0.00	0.00	17.02	9.34	0.00	5.89	0.347
S3884	26.92	0.00	0.00	17.08	9.28	0.00	5.96	0.345
S3885	26.92	0.00	0.00	10.01	15.86	0.02	20.74	0.589
S3886	26.92	0.00	0.00	13.15	12.96	0.01	10.95	0.482
S3887	26.92	0.00	0.00	7.77	17.90	0.64	530.41	0.665
S3888	26.92	0.00	0.00	13.14	12.98	0.01	9.10	0.482
S3889	26.92	0.00	0.00	13.15	12.96	0.01	10.54	0.482
S3891	26.92	0.00	0.00	17.05	9.31	0.01	6.81	0.346
S3892	26.92	0.00	0.00	17.06	9.30	0.01	6.11	0.346
S3894	26.92	0.00	0.00	16.95	9.41	0.00	5.66	0.349
S3895	26.92	0.00	0.00	17.30	9.06	0.01	7.31	0.336
S3896	26.92	0.00	0.00	17.64	8.72	0.01	9.91	0.324
S3897	26.92	0.00	0.00	13.83	12.28	0.01	12.43	0.456
S3898	26.92	0.00	0.00	14.74	11.34	0.03	27.18	0.421
S3899	26.92	0.00	0.00	10.01	15.86	0.01	11.55	0.589
S39	26.92	0.00	0.00	7.77	17.91	0.12	96.30	0.665
S3900	26.92	0.00	0.00	9.99	15.88	0.01	11.20	0.590
S3901	26.92	0.00	0.00	14.08	12.02	0.02	16.68	0.447
S3902	26.92	0.00	0.00	9.97	15.91	0.01	11.32	0.591
S3903	26.92	0.00	0.00	9.98	15.89	0.01	11.24	0.590
S3904	26.92	0.00	0.00	13.22	12.90	0.01	6.23	0.479
S3905	26.92	0.00	0.00	9.94	15.93	0.01	11.43	0.592
S3906	26.92	0.00	0.00	10.00	15.87	0.01	11.16	0.590
S3907	26.92	0.00	0.00	16.96	9.40	0.00	5.75	0.349
S3908	26.92	0.00	0.00	9.92	15.95	0.01	11.52	0.592
S3909	26.92	0.00	0.00	9.98	15.89	0.01	11.25	0.590
S3910	26.92	0.00	0.00	9.99	15.88	0.01	11.26	0.590
S3911	26.92	0.00	0.00	14.15	11.96	0.02	16.40	0.444
S3912	26.92	0.00	0.00	17.11	9.25	0.00	5.75	0.344
S3913	26.92	0.00	0.00	16.99	9.37	0.00	5.63	0.348
S3914	26.92	0.00	0.00	17.25	9.11	0.01	7.04	0.339
S3915	26.92	0.00	0.00	14.16	11.95	0.01	16.36	0.444
S3916_1	26.92	0.00	0.00	7.55	18.21	0.05	53.62	0.677
S3916_3	26.92	0.00	0.00	7.40	18.37	0.03	36.53	0.683
S3916_4	26.92	0.00	0.00	7.42	18.35	0.03	38.38	0.682
S3916_5	26.92	0.00	0.00	7.39	18.40	0.03	34.56	0.683
S3916_6	26.92	0.00	0.00	7.39	18.40	0.03	34.62	0.683
S3917	26.92	0.00	0.00	13.53	12.59	0.01	9.55	0.468
S3918	26.92	0.00	0.00	13.27	12.85	0.00	5.35	0.477
S3919	26.92	0.00	0.00	13.22	12.90	0.00	5.42	0.479
S3920	26.92	0.00	0.00	13.31	12.81	0.00	5.30	0.476
S3921	26.92	0.00	0.00	13.25	12.86	0.00	5.37	0.478
S3922	26.92	0.00	0.00	13.29	12.83	0.00	5.32	0.476
S3923	26.92	0.00	0.00	13.24	12.87	0.00	5.39	0.478
S3924	26.92	0.00	0.00	13.44	12.68	0.01	8.05	0.471
S3925	26.92	0.00	0.00	13.13	12.98	0.01	9.12	0.482
S3926	26.92	0.00	0.00	17.03	9.33	0.00	5.75	0.347
S3927	26.92	0.00	0.00	13.88	12.22	0.01	13.97	0.454
S3928	26.92	0.00	0.00	14.46	11.64	0.02	22.52	0.432
S3929	26.92	0.00	0.00	17.18	9.18	0.01	7.18	0.341
S3930	26.92	0.00	0.00	10.06	15.81	0.01	12.47	0.587
S3931	26.92	0.00	0.00	4.97	20.61	0.09	90.87	0.766
S3932	26.92	0.00	0.00	13.12	13.00	0.01	9.08	0.483
S3933	26.92	0.00	0.00	7.43	18.35	0.08	91.76	0.682
S3934	26.92	0.00	0.00	13.14	12.98	0.00	6.06	0.482
S3937	26.92	0.00	0.00	14.57	11.52	0.02	25.22	0.428
S3938	26.92	0.00	0.00	17.02	9.33	0.00	5.62	0.347
S394	26.92	0.00	0.00	10.70	15.14	0.06	58.56	0.562

S3940	26.92	0.00	0.00	13.19	12.93	0.01	8.97	0.480
S3941	26.92	0.00	0.00	14.19	11.92	0.02	18.42	0.443
S3942	26.92	0.00	0.00	14.22	11.88	0.02	18.33	0.441
S3943	26.92	0.00	0.00	17.08	9.27	0.01	6.09	0.345
S3944	26.92	0.00	0.00	7.56	18.20	0.11	121.81	0.676
S3945	26.92	0.00	0.00	13.17	12.95	0.00	6.11	0.481
S3947	26.92	0.00	0.00	17.21	9.15	0.01	6.15	0.340
S3948	26.92	0.00	0.00	15.37	10.62	0.07	49.70	0.394
S3949	26.92	0.00	0.00	17.16	9.19	0.01	7.20	0.342
S3951	26.92	0.00	0.00	10.11	15.75	0.01	14.31	0.585
S3952	26.92	0.00	0.00	9.99	15.88	0.01	11.18	0.590
S3953	26.92	0.00	0.00	9.92	15.96	0.01	11.56	0.593
S3954	26.92	0.00	0.00	9.84	16.03	0.01	11.95	0.596
S3955	26.92	0.00	0.00	17.00	9.35	0.00	5.79	0.347
S3956	26.92	0.00	0.00	9.91	15.96	0.01	11.56	0.593
S3957	26.92	0.00	0.00	9.95	15.92	0.01	11.38	0.591
S3958	26.92	0.00	0.00	9.95	15.92	0.01	11.38	0.591
S3959	26.92	0.00	0.00	9.94	15.93	0.01	11.43	0.592
S3960	26.92	0.00	0.00	9.82	16.05	0.01	16.22	0.596
S3961	26.92	0.00	0.00	15.18	10.85	0.05	41.06	0.403
S3962	26.92	0.00	0.00	7.58	18.18	0.13	140.20	0.675
S3963	26.92	0.00	0.00	14.30	11.80	0.02	20.13	0.438
S3964	26.92	0.00	0.00	14.13	11.97	0.02	17.46	0.445
S3966	26.92	0.00	0.00	15.32	10.68	0.07	49.00	0.397
S3967	26.92	0.00	0.00	14.96	11.10	0.04	35.71	0.412
S3968	26.92	0.00	0.00	14.24	11.87	0.02	18.47	0.441
S3969	26.92	0.00	0.00	17.17	9.19	0.01	7.18	0.341
S3970	26.92	0.00	0.00	13.06	13.06	0.01	9.36	0.485
S3971	26.92	0.00	0.00	17.38	8.98	0.01	8.20	0.334
S3975	26.92	0.00	0.00	17.06	9.30	0.00	5.56	0.346
S3976	26.92	0.00	0.00	17.49	8.86	0.01	9.18	0.329
S3977	26.92	0.00	0.00	13.15	12.96	0.00	6.18	0.482
S3978	26.92	0.00	0.00	17.99	8.36	0.01	12.73	0.311
S3982	26.92	0.00	0.00	10.54	15.31	0.03	30.35	0.569
S3986	26.92	0.00	0.00	17.02	9.34	0.01	6.25	0.347
S3989	26.92	0.00	0.00	17.03	9.32	0.00	5.73	0.346
S3990	26.92	0.00	0.00	13.12	13.00	0.01	9.17	0.483
S3991	26.92	0.00	0.00	7.46	18.31	0.07	86.89	0.680
S3992	26.92	0.00	0.00	17.15	9.21	0.00	5.89	0.342
S3994	26.92	0.00	0.00	17.91	8.45	0.01	11.65	0.314
S3995	26.92	0.00	0.00	17.26	9.10	0.01	7.01	0.338
S4	26.92	0.00	0.00	7.81	17.83	0.13	99.29	0.663
S40	26.92	0.00	0.00	19.86	5.67	1.04	229.14	0.211
S4000	26.92	0.00	0.00	17.19	9.17	0.01	6.39	0.341
S4001	26.92	0.00	0.00	17.29	9.07	0.01	7.26	0.337
S4002	26.92	0.00	0.00	17.15	9.20	0.01	6.15	0.342
S4003	26.92	0.00	0.00	17.22	9.13	0.01	6.76	0.339
S4004	26.92	0.00	0.00	17.15	9.21	0.01	6.03	0.342
S4005	26.92	0.00	0.00	17.14	9.22	0.01	6.02	0.342
S4006	26.92	0.00	0.00	13.17	12.95	0.00	6.15	0.481
S4007	26.92	0.00	0.00	18.03	8.33	0.01	12.91	0.309
S4010	26.92	0.00	0.00	17.15	9.21	0.01	7.23	0.342
S4011	26.92	0.00	0.00	10.17	15.69	0.01	15.82	0.583
S4012	26.92	0.00	0.00	17.04	9.32	0.00	5.59	0.346
S4013	26.92	0.00	0.00	13.69	12.42	0.01	10.85	0.462
S4014	26.92	0.00	0.00	13.36	12.76	0.01	6.16	0.474
S4015	26.92	0.00	0.00	13.41	12.70	0.01	6.08	0.472
S4016	26.92	0.00	0.00	13.38	12.73	0.01	6.12	0.473
S4017	26.92	0.00	0.00	13.39	12.72	0.01	6.11	0.473
S4018	26.92	0.00	0.00	13.37	12.75	0.01	6.14	0.474
S4019	26.92	0.00	0.00	13.34	12.78	0.01	6.19	0.475
S4020	26.92	0.00	0.00	13.33	12.79	0.01	8.14	0.475
S4024	26.92	0.00	0.00	17.62	8.74	0.01	8.45	0.325
S4025	26.92	0.00	0.00	13.19	12.93	0.01	8.79	0.480
S4026	26.92	0.00	0.00	13.36	12.75	0.01	13.22	0.474
S4027	26.92	0.00	0.00	17.36	9.00	0.01	7.32	0.334
S4029	26.92	0.00	0.00	7.53	18.23	0.09	103.78	0.677
S4030	26.92	0.00	0.00	10.65	15.19	0.05	52.38	0.564
S4031	26.92	0.00	0.00	4.96	20.62	0.33	346.68	0.766
S4033	26.92	0.00	0.00	17.07	9.29	0.00	5.68	0.345
S4034	26.92	0.00	0.00	4.95	20.64	0.09	93.40	0.767
S4037	26.92	0.00	0.00	7.40	18.38	0.08	93.23	0.683
S4038	26.92	0.00	0.00	13.26	12.86	0.01	7.02	0.478
S4039_1	26.92	0.00	0.00	9.91	15.77	0.57	419.98	0.586
S4039_2	26.92	0.00	0.00	9.65	16.07	0.45	368.39	0.597

S4040	26.92	0.00	0.00	10.04	15.83	0.01	10.98	0.588
S4042	26.92	0.00	0.00	17.22	9.14	0.01	7.09	0.340
S4043	26.92	0.00	0.00	17.05	9.31	0.01	6.24	0.346
S4045	26.92	0.00	0.00	17.07	9.28	0.01	6.14	0.345
S4050	26.92	0.00	0.00	17.22	9.14	0.01	7.08	0.339
S4052	26.92	0.00	0.00	17.34	9.02	0.01	6.72	0.335
S4053	26.92	0.00	0.00	10.11	15.76	0.01	10.69	0.586
S4058	26.92	0.00	0.00	17.04	9.31	0.00	5.72	0.346
S4061	26.92	0.00	0.00	13.46	12.66	0.01	14.06	0.470
S4062	26.92	0.00	0.00	12.90	13.21	0.00	4.01	0.491
S4063	26.92	0.00	0.00	13.77	12.35	0.02	18.75	0.459
S4064	26.92	0.00	0.00	17.56	8.79	0.01	9.42	0.327
S4065	26.92	0.00	0.00	16.96	9.40	0.00	6.12	0.349
S4066	26.92	0.00	0.00	10.09	15.77	0.01	10.74	0.586
S4068	26.92	0.00	0.00	17.08	9.27	0.01	6.21	0.345
S4069	26.92	0.00	0.00	17.22	9.13	0.01	7.08	0.339
S4072	26.92	0.00	0.00	7.54	18.22	0.17	183.88	0.677
S4073	26.92	0.00	0.00	7.59	18.16	0.21	217.89	0.675
S4074	26.92	0.00	0.00	7.50	18.27	0.10	113.13	0.679
S4078	26.92	0.00	0.00	17.11	9.25	0.01	7.27	0.344
S4079	26.92	0.00	0.00	17.33	9.02	0.01	6.65	0.335
S4081	26.92	0.00	0.00	17.12	9.24	0.00	5.78	0.343
S4084	26.92	0.00	0.00	10.06	15.81	0.01	10.88	0.587
S4088	26.92	0.00	0.00	17.04	9.31	0.00	5.72	0.346
S4089	26.92	0.00	0.00	17.35	9.01	0.01	7.58	0.335
S4093	26.92	0.00	0.00	17.15	9.20	0.01	6.19	0.342
S4094	26.92	0.00	0.00	17.13	9.22	0.00	5.91	0.343
S4096	26.92	0.00	0.00	10.09	15.77	0.01	10.75	0.586
S4097	26.92	0.00	0.00	7.45	18.32	0.08	89.02	0.681
S4098	26.92	0.00	0.00	17.44	8.91	0.01	8.46	0.331
S4099	26.92	0.00	0.00	7.51	18.25	0.09	105.42	0.678
S41	26.92	0.00	0.00	26.66	0.18	0.12	59.05	0.007
S4101	26.92	0.00	0.00	7.44	18.34	0.07	88.07	0.681
S4105	26.92	0.00	0.00	13.39	12.72	0.01	8.17	0.473
S4108	26.92	0.00	0.00	16.96	9.40	0.00	5.48	0.349
S4110	26.92	0.00	0.00	17.34	9.02	0.01	8.13	0.335
S4111	26.92	0.00	0.00	17.49	8.87	0.01	9.10	0.329
S4112	26.92	0.00	0.00	4.94	20.65	0.08	92.50	0.767
S4113	26.92	0.00	0.00	17.05	9.31	0.01	6.25	0.346
S4114	26.92	0.00	0.00	17.49	8.86	0.01	8.54	0.329
S4115	26.92	0.00	0.00	17.23	9.13	0.01	6.79	0.339
S4116	26.92	0.00	0.00	17.04	9.32	0.01	6.25	0.346
S4117	26.92	0.00	0.00	17.09	9.27	0.01	6.27	0.344
S4118	26.92	0.00	0.00	17.16	9.20	0.01	6.02	0.342
S4120	26.92	0.00	0.00	7.45	18.32	0.08	89.85	0.681
S4121	26.92	0.00	0.00	17.30	9.06	0.01	7.84	0.337
S4122	26.92	0.00	0.00	10.11	15.76	0.01	10.69	0.585
S4123	26.92	0.00	0.00	13.78	12.33	0.01	10.38	0.458
S4124	26.92	0.00	0.00	13.62	12.49	0.01	10.93	0.464
S4125	26.92	0.00	0.00	13.41	12.70	0.01	6.02	0.472
S4126	26.92	0.00	0.00	13.43	12.69	0.00	5.86	0.471
S4127	26.92	0.00	0.00	13.40	12.72	0.01	6.24	0.473
S4128	26.92	0.00	0.00	13.34	12.78	0.01	6.33	0.475
S4129	26.92	0.00	0.00	13.39	12.72	0.01	6.02	0.473
S4130	26.92	0.00	0.00	13.29	12.83	0.01	6.11	0.477
S4131	26.92	0.00	0.00	13.34	12.78	0.01	8.13	0.475
S4132	26.92	0.00	0.00	17.03	9.32	0.00	5.74	0.346
S4138	26.92	0.00	0.00	17.03	9.33	0.01	6.22	0.347
S4140	26.92	0.00	0.00	17.01	9.35	0.01	6.28	0.347
S4141	26.92	0.00	0.00	17.35	9.00	0.01	7.93	0.334
S4143	26.92	0.00	0.00	10.11	15.76	0.01	10.69	0.586
S4146	26.92	0.00	0.00	10.36	15.50	0.02	24.70	0.576
S4148	26.92	0.00	0.00	7.36	18.42	0.04	46.11	0.684
S4149	26.92	0.00	0.00	8.70	17.16	0.10	123.09	0.638
S4150	26.92	0.00	0.00	13.49	12.62	0.01	8.25	0.469
S4151	26.92	0.00	0.00	16.97	9.39	0.00	5.51	0.349
S4157	26.92	0.00	0.00	17.10	9.26	0.00	5.63	0.344
S4158	26.92	0.00	0.00	10.22	15.64	0.01	10.25	0.581
S4159	26.92	0.00	0.00	17.17	9.19	0.01	6.98	0.341
S4161	26.92	0.00	0.00	17.01	9.35	0.00	5.67	0.347
S4166	26.92	0.00	0.00	13.53	12.58	0.01	8.74	0.468
S4167	26.92	0.00	0.00	17.04	9.32	0.00	5.38	0.346
S4169	26.92	0.00	0.00	17.09	9.27	0.01	6.41	0.344
S4174	26.92	0.00	0.00	10.06	15.81	0.01	9.22	0.587
S4176	26.92	0.00	0.00	17.05	9.31	0.00	5.71	0.346

S4178	26.92	0.00	0.00	13.55	12.56	0.01	8.96	0.467
S4179	26.92	0.00	0.00	17.15	9.21	0.01	6.39	0.342
S4182	26.92	0.00	0.00	17.54	8.81	0.01	9.13	0.327
S4184	26.92	0.00	0.00	17.11	9.24	0.00	5.93	0.343
S4185	26.92	0.00	0.00	4.95	20.63	0.04	44.61	0.766
S4186	26.92	0.00	0.00	17.15	9.21	0.01	6.81	0.342
S4189	26.92	0.00	0.00	17.35	9.01	0.01	6.96	0.335
S4190	26.92	0.00	0.00	17.14	9.22	0.01	6.35	0.343
S4191	26.92	0.00	0.00	17.27	9.09	0.01	6.12	0.338
S4192	26.92	0.00	0.00	17.31	9.05	0.01	6.04	0.336
S4193	26.92	0.00	0.00	17.21	9.14	0.01	6.21	0.340
S4194	26.92	0.00	0.00	17.16	9.19	0.01	6.30	0.342
S4195	26.92	0.00	0.00	8.93	16.90	0.20	213.92	0.628
S4196	26.92	0.00	0.00	17.30	9.06	0.01	6.06	0.337
S4199	26.92	0.00	0.00	17.20	9.16	0.01	7.42	0.340
S42	26.92	0.00	0.00	19.57	6.73	0.04	33.01	0.250
S4200	26.92	0.00	0.00	17.32	9.04	0.01	7.07	0.336
S4201	26.92	0.00	0.00	17.13	9.23	0.00	5.77	0.343
S4202	26.92	0.00	0.00	13.69	12.43	0.01	10.25	0.462
S4203	26.92	0.00	0.00	13.45	12.66	0.01	7.73	0.470
S4204	26.92	0.00	0.00	13.37	12.75	0.01	6.79	0.474
S4205	26.92	0.00	0.00	13.25	12.87	0.01	7.00	0.478
S4206	26.92	0.00	0.00	13.43	12.68	0.01	7.76	0.471
S4207	26.92	0.00	0.00	13.40	12.72	0.01	7.58	0.472
S4209	26.92	0.00	0.00	5.09	20.42	0.08	69.91	0.758
S4210	26.92	0.00	0.00	7.46	18.31	0.08	91.54	0.680
S4211	26.92	0.00	0.00	7.49	18.28	0.08	86.55	0.679
S4212	26.92	0.00	0.00	7.42	18.36	0.07	89.62	0.682
S4213	26.92	0.00	0.00	7.47	18.31	0.07	87.17	0.680
S4214	26.92	0.00	0.00	7.36	18.42	0.04	46.09	0.684
S4215	26.92	0.00	0.00	7.46	18.32	0.07	87.07	0.680
S4216	26.92	0.00	0.00	16.97	9.39	0.00	5.18	0.349
S4217	26.92	0.00	0.00	7.49	18.28	0.07	85.46	0.679
S4218	26.92	0.00	0.00	7.47	18.31	0.07	86.85	0.680
S4221	26.92	0.00	0.00	10.16	15.70	0.01	14.96	0.583
S4222	26.92	0.00	0.00	17.04	9.32	0.01	6.05	0.346
S4224	26.92	0.00	0.00	19.02	7.42	0.01	5.28	0.276
S4227	26.92	0.00	0.00	17.75	8.61	0.01	9.80	0.320
S4228	26.92	0.00	0.00	17.75	8.61	0.01	11.87	0.320
S4230	26.92	0.00	0.00	17.90	8.46	0.01	11.41	0.314
S4232	26.92	0.00	0.00	19.17	7.27	0.01	5.14	0.270
S4234	26.92	0.00	0.00	17.29	9.07	0.01	6.13	0.337
S4235	26.92	0.00	0.00	10.18	15.68	0.01	14.86	0.583
S4239	26.92	0.00	0.00	17.14	9.22	0.01	6.12	0.342
S4248	26.92	0.00	0.00	17.33	9.02	0.01	7.00	0.335
S4250	26.92	0.00	0.00	13.55	12.57	0.01	9.23	0.467
S4251	26.92	0.00	0.00	17.16	9.19	0.01	6.05	0.342
S4253	26.92	0.00	0.00	17.15	9.21	0.00	5.72	0.342
S4260	26.92	0.00	0.00	17.18	9.18	0.01	6.35	0.341
S4265	26.92	0.00	0.00	17.12	9.23	0.01	6.29	0.343
S4266	26.92	0.00	0.00	17.22	9.14	0.01	7.02	0.340
S4267	26.92	0.00	0.00	17.05	9.31	0.00	5.82	0.346
S4271	26.92	0.00	0.00	17.16	9.20	0.01	6.03	0.342
S4272	26.92	0.00	0.00	13.50	12.61	0.01	9.32	0.468
S4273	26.92	0.00	0.00	13.40	12.72	0.01	7.64	0.472
S4274	26.92	0.00	0.00	13.48	12.63	0.01	7.68	0.469
S4275	26.92	0.00	0.00	13.33	12.79	0.01	6.84	0.475
S4276	26.92	0.00	0.00	13.34	12.78	0.01	6.84	0.475
S4277	26.92	0.00	0.00	13.38	12.73	0.01	7.85	0.473
S4278	26.92	0.00	0.00	13.37	12.74	0.01	7.86	0.473
S4279	26.92	0.00	0.00	13.45	12.66	0.01	7.70	0.470
S4280	26.92	0.00	0.00	17.14	9.22	0.01	6.25	0.342
S4282	26.92	0.00	0.00	17.15	9.21	0.01	6.50	0.342
S4283	26.92	0.00	0.00	17.12	9.24	0.01	6.33	0.343
S4284	26.92	0.00	0.00	17.25	9.11	0.01	6.11	0.338
S4285	26.92	0.00	0.00	17.20	9.16	0.01	6.19	0.340
S4286	26.92	0.00	0.00	17.15	9.21	0.01	6.29	0.342
S4287	26.92	0.00	0.00	17.19	9.17	0.01	6.21	0.341
S4288	26.92	0.00	0.00	17.27	9.09	0.01	6.08	0.338
S4289	26.92	0.00	0.00	17.39	8.96	0.01	6.70	0.333
S4290	26.92	0.00	0.00	17.13	9.22	0.01	6.19	0.343
S4295	26.92	0.00	0.00	17.65	8.71	0.01	9.31	0.323
S4298	26.92	0.00	0.00	17.38	8.97	0.01	7.40	0.333
S4299	26.92	0.00	0.00	17.33	9.03	0.01	6.55	0.335
S43	26.92	0.00	0.00	19.57	6.73	0.04	33.01	0.250

S4301	26.92	0.00	0.00	17.24	9.12	0.01	6.79	0.339
S4302	26.92	0.00	0.00	13.55	12.56	0.01	9.47	0.467
S4303	26.92	0.00	0.00	13.44	12.67	0.01	8.71	0.471
S4307	26.92	0.00	0.00	17.07	9.29	0.01	6.00	0.345
S4308	26.92	0.00	0.00	17.23	9.13	0.01	7.28	0.339
S4309	26.92	0.00	0.00	13.38	12.73	0.01	8.45	0.473
S4313	26.92	0.00	0.00	13.62	12.49	0.01	10.21	0.464
S4316	26.92	0.00	0.00	7.44	18.33	0.05	59.60	0.681
S4317	26.92	0.00	0.00	17.42	8.94	0.01	7.42	0.332
S4322	26.92	0.00	0.00	13.31	12.80	0.01	7.55	0.476
S4324	26.92	0.00	0.00	17.56	8.79	0.01	8.79	0.327
S4325	26.92	0.00	0.00	17.11	9.25	0.01	6.18	0.344
S4329	26.92	0.00	0.00	17.32	9.04	0.01	7.48	0.336
S433	26.92	0.00	0.00	17.48	8.87	0.01	9.46	0.330
S4330	26.92	0.00	0.00	13.33	12.79	0.01	7.26	0.475
S4332	26.92	0.00	0.00	13.22	12.89	0.01	7.06	0.479
S4334	26.92	0.00	0.00	17.69	8.67	0.01	10.23	0.322
S4335	26.92	0.00	0.00	13.47	12.65	0.01	9.11	0.470
S4336	26.92	0.00	0.00	17.75	8.61	0.01	9.61	0.320
S4338	26.92	0.00	0.00	13.11	13.01	0.00	5.81	0.483
S4340	26.92	0.00	0.00	17.13	9.23	0.01	6.12	0.343
S4341	26.92	0.00	0.00	13.10	13.01	0.00	5.83	0.483
S4342	26.92	0.00	0.00	13.24	12.88	0.00	6.02	0.478
S4343	26.92	0.00	0.00	13.23	12.88	0.00	5.71	0.479
S4344	26.92	0.00	0.00	13.15	12.97	0.00	5.85	0.482
S4345	26.92	0.00	0.00	13.12	13.00	0.00	5.90	0.483
S4346	26.92	0.00	0.00	17.27	9.09	0.01	6.16	0.338
S4347	26.92	0.00	0.00	13.32	12.79	0.01	7.49	0.475
S4348	26.92	0.00	0.00	17.15	9.20	0.01	6.53	0.342
S4352	26.92	0.00	0.00	7.30	18.48	0.02	29.77	0.687
S4353	26.92	0.00	0.00	7.46	18.32	0.07	86.99	0.681
S4354	26.92	0.00	0.00	7.46	18.32	0.07	86.91	0.680
S4355	26.92	0.00	0.00	13.49	12.63	0.01	10.21	0.469
S4356	26.92	0.00	0.00	17.37	8.99	0.01	6.74	0.334
S4357	26.92	0.00	0.00	7.42	18.36	0.07	88.67	0.682
S4358	26.92	0.00	0.00	7.57	18.19	0.15	159.76	0.676
S4359	26.92	0.00	0.00	4.88	20.73	0.08	97.92	0.770
S4360	26.92	0.00	0.00	4.89	20.72	0.08	96.93	0.770
S4361	26.92	0.00	0.00	4.90	20.70	0.08	95.13	0.769
S4362	26.92	0.00	0.00	4.90	20.70	0.08	94.17	0.769
S4363	26.92	0.00	0.00	4.88	20.73	0.08	96.50	0.770
S4364	26.92	0.00	0.00	4.88	20.73	0.08	97.06	0.770
S4365	26.92	0.00	0.00	7.46	18.32	0.07	86.25	0.680
S4367	26.92	0.00	0.00	17.23	9.12	0.01	6.81	0.339
S4368	26.92	0.00	0.00	17.18	9.17	0.01	6.04	0.341
S4369	26.92	0.00	0.00	13.33	12.79	0.01	7.35	0.475
S4371	26.92	0.00	0.00	9.13	16.63	0.20	197.41	0.618
S4374	26.92	0.00	0.00	17.36	8.99	0.01	7.21	0.334
S4375	26.92	0.00	0.00	17.37	8.99	0.01	7.50	0.334
S4381	26.92	0.00	0.00	17.23	9.12	0.01	6.96	0.339
S4384	26.92	0.00	0.00	8.72	17.14	0.08	97.16	0.637
S4387	26.92	0.00	0.00	17.18	9.18	0.01	6.60	0.341
S4390	26.92	0.00	0.00	13.41	12.70	0.01	7.93	0.472
S4393	26.92	0.00	0.00	13.32	12.79	0.01	7.83	0.475
S4396	26.92	0.00	0.00	17.60	8.75	0.01	8.20	0.325
S4398	26.92	0.00	0.00	13.35	12.77	0.01	7.06	0.474
S4399	26.92	0.00	0.00	17.24	9.11	0.01	6.26	0.339
S44	26.92	0.00	0.00	15.13	10.91	0.05	40.98	0.405
S4404	26.92	0.00	0.00	17.27	9.09	0.01	6.65	0.338
S4405	26.92	0.00	0.00	17.19	9.17	0.01	6.09	0.341
S4408	26.92	0.00	0.00	17.43	8.93	0.01	7.61	0.332
S4414	26.92	0.00	0.00	13.43	12.69	0.01	7.87	0.471
S4416	26.92	0.00	0.00	17.13	9.23	0.01	6.06	0.343
S4418	26.92	0.00	0.00	17.63	8.73	0.01	9.08	0.324
S4419	26.92	0.00	0.00	13.37	12.74	0.01	7.61	0.473
S4420	26.92	0.00	0.00	10.04	15.82	0.01	17.04	0.588
S4423	26.92	0.00	0.00	25.87	0.97	0.02	10.96	0.036
S4425	26.92	0.00	0.00	13.43	12.68	0.01	8.90	0.471
S4426	26.92	0.00	0.00	17.21	9.15	0.01	6.80	0.340
S4428	26.92	0.00	0.00	17.54	8.81	0.01	8.92	0.327
S4467	26.92	0.00	0.00	13.40	12.72	0.01	7.99	0.472
S4468	26.92	0.00	0.00	13.22	12.90	0.00	6.15	0.479
S4469	26.92	0.00	0.00	13.16	12.96	0.00	5.80	0.481
S4470	26.92	0.00	0.00	13.16	12.96	0.00	5.80	0.481
S4471	26.92	0.00	0.00	13.15	12.96	0.00	5.81	0.482

S4472	26.92	0.00	0.00	13.09	13.03	0.00	5.76	0.484
S4473	26.92	0.00	0.00	13.14	12.98	0.00	5.72	0.482
S4474	26.92	0.00	0.00	13.30	12.81	0.01	6.92	0.476
S4475	26.92	0.00	0.00	13.44	12.67	0.01	8.41	0.471
S4477	26.92	0.00	0.00	17.06	9.29	0.00	5.82	0.345
S4480	26.92	0.00	0.00	8.78	17.00	0.12	135.78	0.632
S4481	26.92	0.00	0.00	17.08	9.28	0.01	6.02	0.345
S4483	26.92	0.00	0.00	13.38	12.73	0.01	7.79	0.473
S4485	26.92	0.00	0.00	17.00	9.36	0.00	5.70	0.348
S4489	26.92	0.00	0.00	17.39	8.96	0.01	7.04	0.333
S4492	26.92	0.00	0.00	17.44	8.92	0.01	7.82	0.331
S4493	26.92	0.00	0.00	17.11	9.25	0.01	6.11	0.344
S4495	26.92	0.00	0.00	17.20	9.16	0.01	5.99	0.340
S45	26.92	0.00	0.00	11.82	13.89	0.10	60.42	0.516
S4502	26.92	0.00	0.00	17.21	9.15	0.01	6.55	0.340
S4503	26.92	0.00	0.00	13.37	12.74	0.01	8.09	0.473
S4505	26.92	0.00	0.00	13.33	12.78	0.01	6.90	0.475
S4506	26.92	0.00	0.00	13.12	13.00	0.01	6.46	0.483
S4507	26.92	0.00	0.00	17.27	9.08	0.01	6.80	0.337
S4511	26.92	0.00	0.00	17.21	9.15	0.01	6.28	0.340
S4512	26.92	0.00	0.00	17.22	9.14	0.01	6.09	0.339
S4514	26.92	0.00	0.00	17.19	9.17	0.01	6.76	0.341
S4517	26.92	0.00	0.00	13.30	12.82	0.01	6.81	0.476
S4521	26.92	0.00	0.00	17.10	9.25	0.01	6.20	0.344
S4524	26.92	0.00	0.00	13.42	12.70	0.01	8.08	0.472
S4526	26.92	0.00	0.00	13.18	12.93	0.01	6.33	0.480
S4527	26.92	0.00	0.00	17.35	9.00	0.01	6.36	0.334
S4529	26.92	0.00	0.00	13.31	12.80	0.01	7.10	0.476
S4531	26.92	0.00	0.00	17.23	9.12	0.01	6.70	0.339
S4532	26.92	0.00	0.00	17.17	9.19	0.01	6.29	0.341
S4536	26.92	0.00	0.00	17.54	8.82	0.01	9.64	0.328
S4540	26.92	0.00	0.00	13.26	12.86	0.01	6.17	0.478
S4542	26.92	0.00	0.00	13.25	12.87	0.01	6.71	0.478
S4543	26.92	0.00	0.00	13.43	12.68	0.01	8.14	0.471
S4546	26.92	0.00	0.00	13.60	12.51	0.01	10.34	0.465
S4547	26.92	0.00	0.00	13.34	12.78	0.01	6.98	0.475
S4549	26.92	0.00	0.00	13.32	12.80	0.01	6.86	0.476
S4552	26.92	0.00	0.00	17.06	9.29	0.00	5.73	0.345
S4553	26.92	0.00	0.00	13.26	12.86	0.01	7.05	0.478
S4554	26.92	0.00	0.00	13.19	12.93	0.01	7.21	0.480
S4555	26.92	0.00	0.00	13.29	12.83	0.01	7.08	0.477
S4556	26.92	0.00	0.00	13.27	12.85	0.01	7.21	0.477
S4558	26.92	0.00	0.00	13.39	12.72	0.01	6.84	0.473
S4559	26.92	0.00	0.00	13.25	12.87	0.01	7.34	0.478
S4560	26.92	0.00	0.00	13.23	12.88	0.01	6.87	0.479
S4561	26.92	0.00	0.00	13.30	12.81	0.01	6.69	0.476
S4562	26.92	0.00	0.00	13.31	12.80	0.01	6.79	0.476
S4563	26.92	0.00	0.00	17.28	9.07	0.01	7.69	0.337
S4596	26.92	0.00	0.00	11.19	14.61	0.14	117.72	0.543
S4598	26.92	0.00	0.00	13.28	12.84	0.01	6.15	0.477
S4599	26.92	0.00	0.00	13.38	12.73	0.01	6.86	0.473
S46	26.92	0.00	0.00	11.49	14.28	0.06	41.77	0.530
S4600	26.92	0.00	0.00	13.78	12.33	0.01	14.43	0.458
S4603	26.92	0.00	0.00	13.45	12.67	0.01	7.84	0.471
S4606	26.92	0.00	0.00	17.13	9.22	0.01	6.16	0.343
S4607	26.92	0.00	0.00	17.02	9.33	0.00	5.97	0.347
S4609	26.92	0.00	0.00	17.54	8.81	0.01	7.81	0.327
S4614	26.92	0.00	0.00	13.38	12.73	0.01	6.84	0.473
S4620	26.92	0.00	0.00	13.49	12.63	0.01	8.88	0.469
S4621	26.92	0.00	0.00	13.24	12.87	0.01	6.18	0.478
S4623	26.92	0.00	0.00	10.01	15.86	0.01	13.45	0.589
S4626	26.92	0.00	0.00	17.08	9.28	0.00	5.91	0.345
S4627	26.92	0.00	0.00	13.45	12.67	0.01	7.98	0.471
S4628	26.92	0.00	0.00	17.09	9.27	0.00	5.86	0.344
S4632	26.92	0.00	0.00	13.30	12.81	0.01	7.63	0.476
S4637	26.92	0.00	0.00	9.96	15.91	0.01	13.54	0.591
S4641	26.92	0.00	0.00	17.07	9.28	0.01	6.18	0.345
S4642	26.92	0.00	0.00	13.25	12.87	0.01	6.16	0.478
S4643	26.92	0.00	0.00	17.16	9.20	0.00	5.76	0.342
S4646	26.92	0.00	0.00	13.49	12.62	0.01	8.36	0.469
S4652	26.92	0.00	0.00	15.31	10.69	0.09	65.55	0.397
S4654	26.92	0.00	0.00	17.13	9.23	0.00	5.83	0.343
S4655	26.92	0.00	0.00	13.24	12.87	0.01	6.22	0.478
S4674	26.92	0.00	0.00	17.07	9.29	0.00	5.56	0.345
S4675	26.92	0.00	0.00	13.38	12.74	0.01	7.34	0.473

S47	26.92	0.00	0.00	9.06	16.71	0.17	175.96	0.621
S4700	26.92	0.00	0.00	13.24	12.88	0.01	6.58	0.478
S4701	26.92	0.00	0.00	13.62	12.50	0.01	9.10	0.464
S4706	26.92	0.00	0.00	13.17	12.95	0.00	5.72	0.481
S4707	26.92	0.00	0.00	13.18	12.94	0.00	6.01	0.481
S4708	26.92	0.00	0.00	13.34	12.78	0.01	6.88	0.475
S4710	26.92	0.00	0.00	13.27	12.84	0.01	6.24	0.477
S4711	26.92	0.00	0.00	13.13	12.99	0.00	5.78	0.482
S4712	26.92	0.00	0.00	13.29	12.82	0.01	6.32	0.476
S4713	26.92	0.00	0.00	13.51	12.61	0.01	7.19	0.468
S4714	26.92	0.00	0.00	13.33	12.78	0.01	6.37	0.475
S4716	26.92	0.00	0.00	13.16	12.96	0.00	5.75	0.481
S4718	26.92	0.00	0.00	13.29	12.83	0.01	6.55	0.477
S4720	26.92	0.00	0.00	13.28	12.83	0.01	6.67	0.477
S4722	26.92	0.00	0.00	13.16	12.96	0.00	5.75	0.481
S4723	26.92	0.00	0.00	13.36	12.75	0.01	6.64	0.474
S4725	26.92	0.00	0.00	13.27	12.84	0.01	6.90	0.477
S4730	26.92	0.00	0.00	13.16	12.95	0.00	5.74	0.481
S4731	26.92	0.00	0.00	13.27	12.84	0.01	6.89	0.477
S4732	26.92	0.00	0.00	13.47	12.65	0.01	7.25	0.470
S4734	26.92	0.00	0.00	13.71	12.40	0.01	12.00	0.461
S4735	26.92	0.00	0.00	13.24	12.87	0.01	6.63	0.478
S4736	26.92	0.00	0.00	13.19	12.92	0.00	5.67	0.480
S4740	26.92	0.00	0.00	13.21	12.90	0.01	6.24	0.479
S4741	26.92	0.00	0.00	13.52	12.60	0.01	8.99	0.468
S4742	26.92	0.00	0.00	13.17	12.95	0.00	5.70	0.481
S4745	26.92	0.00	0.00	13.49	12.62	0.01	7.48	0.469
S4746	26.92	0.00	0.00	13.26	12.86	0.00	5.60	0.478
S4747	26.92	0.00	0.00	14.02	12.09	0.01	15.85	0.449
S4748	26.92	0.00	0.00	9.98	15.89	0.01	13.45	0.590
S4751	26.92	0.00	0.00	13.21	12.90	0.00	5.65	0.479
S4755	26.92	0.00	0.00	13.15	12.97	0.00	5.77	0.482
S4757	26.92	0.00	0.00	13.26	12.86	0.01	6.89	0.478
S4760	26.92	0.00	0.00	13.48	12.64	0.01	8.17	0.469
S4761	26.92	0.00	0.00	13.22	12.90	0.01	6.30	0.479
S4765	26.92	0.00	0.00	10.02	15.85	0.01	13.19	0.589
S4766	26.92	0.00	0.00	13.37	12.75	0.01	6.98	0.474
S4774	26.92	0.00	0.00	14.06	12.05	0.01	14.13	0.448
S4775	26.92	0.00	0.00	13.24	12.88	0.01	6.62	0.479
S4776	26.92	0.00	0.00	10.02	15.85	0.01	13.28	0.589
S4779	26.92	0.00	0.00	13.57	12.54	0.01	7.72	0.466
S4783	26.92	0.00	0.00	13.49	12.63	0.01	6.94	0.469
S4786	26.92	0.00	0.00	13.36	12.76	0.01	7.11	0.474
S4793	26.92	0.00	0.00	10.08	15.79	0.01	12.93	0.587
S4794	26.92	0.00	0.00	13.22	12.90	0.01	6.48	0.479
S4797	26.92	0.00	0.00	13.42	12.69	0.01	6.52	0.471
S4798	26.92	0.00	0.00	13.23	12.88	0.01	6.58	0.479
S4801	26.92	0.00	0.00	13.21	12.91	0.00	6.11	0.480
S4802	26.92	0.00	0.00	13.26	12.86	0.01	6.67	0.478
S4808	26.92	0.00	0.00	13.33	12.79	0.01	6.67	0.475
S4810	26.92	0.00	0.00	13.22	12.90	0.00	5.63	0.479
S4820	26.92	0.00	0.00	13.32	12.79	0.01	6.80	0.475
S4831	26.92	0.00	0.00	10.10	15.77	0.01	12.82	0.586
S4832	26.92	0.00	0.00	13.16	12.96	0.00	5.74	0.482
S4842	26.92	0.00	0.00	13.37	12.74	0.01	6.84	0.473
S4844	26.92	0.00	0.00	13.14	12.98	0.00	5.78	0.482
S4845	26.92	0.00	0.00	13.38	12.74	0.01	6.96	0.473
S4847	26.92	0.00	0.00	13.13	12.99	0.00	5.80	0.482
S4848	26.92	0.00	0.00	13.44	12.68	0.01	6.41	0.471
S4851	26.92	0.00	0.00	13.79	12.32	0.01	13.78	0.458
S4852	26.92	0.00	0.00	13.37	12.75	0.01	6.62	0.474
S4853	26.92	0.00	0.00	9.85	16.02	0.00	5.54	0.595
S4854	26.92	0.00	0.00	13.30	12.81	0.01	7.13	0.476
S4855	26.92	0.00	0.00	13.36	12.75	0.01	6.61	0.474
S4856	26.92	0.00	0.00	13.18	12.93	0.00	5.71	0.480
S4860	26.92	0.00	0.00	13.16	12.95	0.00	5.74	0.481
S4864	26.92	0.00	0.00	13.15	12.97	0.00	5.77	0.482
S4866	26.92	0.00	0.00	13.16	12.96	0.00	5.75	0.481
S4869	26.92	0.00	0.00	13.23	12.89	0.00	5.63	0.479
S4871	26.92	0.00	0.00	13.68	12.43	0.01	11.00	0.462
S4873	26.92	0.00	0.00	10.13	15.74	0.01	12.63	0.585
S4874	26.92	0.00	0.00	13.18	12.94	0.00	5.72	0.481
S4876	26.92	0.00	0.00	13.45	12.66	0.01	8.22	0.471
S4885	26.92	0.00	0.00	13.26	12.85	0.01	6.85	0.478
S4887	26.92	0.00	0.00	7.37	18.42	0.05	57.16	0.684

S4888	26.92	0.00	0.00	13.23	12.88	0.01	6.24	0.479
S4890	26.92	0.00	0.00	13.19	12.93	0.01	6.44	0.480
S4895	26.92	0.00	0.00	13.16	12.96	0.01	7.52	0.481
S4900	26.92	0.00	0.00	13.41	12.71	0.01	6.80	0.472
S4920	26.92	0.00	0.00	13.32	12.80	0.00	5.83	0.475
S4934	26.92	0.00	0.00	13.20	12.91	0.00	6.12	0.480
S4957	26.92	0.00	0.00	13.22	12.90	0.01	6.23	0.479
S4961	26.92	0.00	0.00	13.19	12.93	0.01	6.39	0.480
S4965	26.92	0.00	0.00	13.30	12.81	0.01	6.32	0.476
S4968	26.92	0.00	0.00	13.29	12.82	0.01	6.44	0.476
S4971	26.92	0.00	0.00	13.26	12.85	0.01	6.62	0.477
S4973	26.92	0.00	0.00	13.27	12.84	0.01	6.72	0.477
S4974	26.92	0.00	0.00	7.39	18.39	0.05	56.60	0.683
S4978	26.92	0.00	0.00	13.35	12.76	0.01	6.69	0.474
S4980	26.92	0.00	0.00	13.31	12.81	0.01	6.88	0.476
S4981	26.92	0.00	0.00	13.30	12.81	0.01	6.88	0.476
S4986	26.92	0.00	0.00	13.10	13.01	0.01	6.96	0.483
S4988	26.92	0.00	0.00	13.62	12.49	0.01	10.94	0.464
S4990	26.92	0.00	0.00	13.48	12.64	0.01	9.23	0.469
S4999	26.92	0.00	0.00	13.97	12.13	0.01	15.89	0.451
S5	26.92	0.00	0.00	7.74	17.97	0.09	81.17	0.667
S5005	26.92	0.00	0.00	7.38	18.40	0.05	56.71	0.683
S5008	26.92	0.00	0.00	25.92	0.91	0.03	19.31	0.034
S5070	26.92	0.00	0.00	7.35	18.44	0.05	56.09	0.685
S5096	26.92	0.00	0.00	13.50	12.62	0.01	7.74	0.469
S5114	26.92	0.00	0.00	13.59	12.53	0.01	7.60	0.465
S5127	26.92	0.00	0.00	13.51	12.61	0.01	7.73	0.468
S5141	26.92	0.00	0.00	13.53	12.59	0.01	7.70	0.468
S5143	26.92	0.00	0.00	7.37	18.41	0.09	114.59	0.684
S5152	26.92	0.00	0.00	13.49	12.63	0.01	7.76	0.469
S5155	26.92	0.00	0.00	13.54	12.57	0.01	7.67	0.467
S5166	26.92	0.00	0.00	13.61	12.51	0.01	7.57	0.465
S5168	26.92	0.00	0.00	7.79	17.88	0.93	741.23	0.664
S5171	26.92	0.00	0.00	13.55	12.56	0.01	7.65	0.467
S5181	26.92	0.00	0.00	13.60	12.51	0.01	7.58	0.465
S5183	26.92	0.00	0.00	13.67	12.44	0.01	7.47	0.462
S5190	26.92	0.00	0.00	13.53	12.59	0.01	7.70	0.468
S5191	26.92	0.00	0.00	13.66	12.45	0.01	7.49	0.463
S5209	26.92	0.00	0.00	13.60	12.51	0.01	7.57	0.465
S5211	26.92	0.00	0.00	13.64	12.47	0.01	7.52	0.463
S5227	26.92	0.00	0.00	13.38	12.74	0.01	7.95	0.473
S5229	26.92	0.00	0.00	13.54	12.57	0.01	7.67	0.467
S5232	26.92	0.00	0.00	14.15	11.95	0.02	17.37	0.444
S5233	26.92	0.00	0.00	13.63	12.48	0.01	7.20	0.464
S5235	26.92	0.00	0.00	13.49	12.63	0.01	7.76	0.469
S5236	26.92	0.00	0.00	13.51	12.61	0.01	7.73	0.468
S5239	26.92	0.00	0.00	7.39	18.39	0.05	58.24	0.683
S5240	26.92	0.00	0.00	13.19	12.92	0.00	5.82	0.480
S5242	26.92	0.00	0.00	13.58	12.53	0.01	7.60	0.465
S5250	26.92	0.00	0.00	13.74	12.38	0.01	7.38	0.460
S5253	26.92	0.00	0.00	13.15	12.97	0.00	5.90	0.482
S5259	26.92	0.00	0.00	13.17	12.94	0.00	5.85	0.481
S5261	26.92	0.00	0.00	13.40	12.71	0.01	7.91	0.472
S5265	26.92	0.00	0.00	13.66	12.46	0.01	7.49	0.463
S5270	26.92	0.00	0.00	13.14	12.98	0.00	5.92	0.482
S5272	26.92	0.00	0.00	13.48	12.63	0.01	7.77	0.469
S5274	26.92	0.00	0.00	13.55	12.56	0.01	7.66	0.467
S5275	26.92	0.00	0.00	7.36	18.43	0.04	48.84	0.685
S5276	26.92	0.00	0.00	13.50	12.62	0.01	7.13	0.469
S5279	26.92	0.00	0.00	13.11	13.01	0.00	5.97	0.483
S5285	26.92	0.00	0.00	13.55	12.56	0.01	7.65	0.467
S5288	26.92	0.00	0.00	13.44	12.67	0.01	7.84	0.471
S5289	26.92	0.00	0.00	13.08	13.04	0.00	6.04	0.484
S5292	26.92	0.00	0.00	4.83	20.79	0.05	55.30	0.772
S5293	26.92	0.00	0.00	4.81	20.81	0.06	68.25	0.773
S5297	26.92	0.00	0.00	13.08	13.04	0.00	6.03	0.484
S5298	26.92	0.00	0.00	13.55	12.56	0.01	7.65	0.467
S5304	26.92	0.00	0.00	13.58	12.54	0.01	7.62	0.466
S5305	26.92	0.00	0.00	4.87	20.73	0.12	135.01	0.770
S5308	26.92	0.00	0.00	13.10	13.01	0.00	5.98	0.483
S5309	26.92	0.00	0.00	13.52	12.59	0.01	7.70	0.468
S5313	26.92	0.00	0.00	7.37	18.41	0.04	52.64	0.684
S5316	26.92	0.00	0.00	13.53	12.59	0.01	7.69	0.468
S5318	26.92	0.00	0.00	13.01	13.11	0.00	6.18	0.487
S5322	26.92	0.00	0.00	13.58	12.53	0.01	7.61	0.466

S5323	26.92	0.00	0.00	13.25	12.86	0.00	5.72	0.478
S5327	26.92	0.00	0.00	13.53	12.58	0.01	7.68	0.467
S5335	26.92	0.00	0.00	13.41	12.70	0.01	7.89	0.472
S5338	26.92	0.00	0.00	13.50	12.61	0.01	7.74	0.469
S5341	26.92	0.00	0.00	13.38	12.73	0.01	7.06	0.473
S5343	26.92	0.00	0.00	7.36	18.42	0.04	50.51	0.684
S5345	26.92	0.00	0.00	13.47	12.65	0.01	7.79	0.470
S5346	26.92	0.00	0.00	4.87	20.74	0.09	107.50	0.771
S5352	26.92	0.00	0.00	13.48	12.63	0.01	7.77	0.469
S5357	26.92	0.00	0.00	13.08	13.03	0.00	5.99	0.484
S5358	26.92	0.00	0.00	13.47	12.64	0.01	7.79	0.470
S5360	26.92	0.00	0.00	13.10	13.01	0.00	5.94	0.484
S5361	26.92	0.00	0.00	13.54	12.57	0.01	7.67	0.467
S5369	26.92	0.00	0.00	4.88	20.73	0.10	120.86	0.770
S5373	26.92	0.00	0.00	13.12	13.00	0.00	5.91	0.483
S5374	26.92	0.00	0.00	13.53	12.58	0.01	7.68	0.467
S5377	26.92	0.00	0.00	13.51	12.60	0.01	7.72	0.468
S5380	26.92	0.00	0.00	7.35	18.43	0.04	50.79	0.685
S5381	26.92	0.00	0.00	13.03	13.09	0.00	6.11	0.486
S5383	26.92	0.00	0.00	13.51	12.60	0.01	7.72	0.468
S5390	26.92	0.00	0.00	13.55	12.57	0.01	7.66	0.467
S5393	26.92	0.00	0.00	13.48	12.63	0.01	6.91	0.469
S5394	26.92	0.00	0.00	13.14	12.98	0.00	5.88	0.482
S5398	26.92	0.00	0.00	13.53	12.58	0.01	7.68	0.467
S5399	26.92	0.00	0.00	13.11	13.00	0.00	5.94	0.483
S5400	26.92	0.00	0.00	13.47	12.64	0.01	7.79	0.470
S5410	26.92	0.00	0.00	4.87	20.74	0.09	105.68	0.770
S5411	26.92	0.00	0.00	13.02	13.09	0.00	4.42	0.486
S5414	26.92	0.00	0.00	13.06	13.06	0.00	6.06	0.485
S5415	26.92	0.00	0.00	13.48	12.63	0.01	7.76	0.469
S5421	26.92	0.00	0.00	13.35	12.76	0.00	5.99	0.474
S5422	26.92	0.00	0.00	7.34	18.44	0.04	51.02	0.685
S5424	26.92	0.00	0.00	13.11	13.01	0.00	5.96	0.483
S5430	26.92	0.00	0.00	13.53	12.58	0.01	7.68	0.467
S5431	26.92	0.00	0.00	13.32	12.79	0.00	6.04	0.475
S5432	26.92	0.00	0.00	13.11	13.01	0.00	5.96	0.483
S5436	26.92	0.00	0.00	13.38	12.73	0.01	7.95	0.473
S5437	26.92	0.00	0.00	13.12	13.00	0.00	5.93	0.483
S5440	26.92	0.00	0.00	13.59	12.52	0.01	7.60	0.465
S5443	26.92	0.00	0.00	4.87	20.74	0.10	119.05	0.771
S5444_1	26.92	0.00	0.00	7.45	18.33	0.08	89.22	0.681
S5444_2	26.92	0.00	0.00	7.58	18.18	0.16	177.06	0.675
S5446	26.92	0.00	0.00	13.61	12.50	0.01	7.56	0.464
S5448	26.92	0.00	0.00	13.49	12.63	0.01	7.76	0.469
S5450	26.92	0.00	0.00	13.54	12.57	0.01	6.94	0.467
S5460	26.92	0.00	0.00	13.63	12.48	0.01	7.53	0.464
S5470	26.92	0.00	0.00	13.56	12.55	0.01	7.64	0.466
S5472	26.92	0.00	0.00	13.14	12.97	0.00	5.91	0.482
S5473	26.92	0.00	0.00	7.41	18.36	0.06	73.30	0.682
S5477	26.92	0.00	0.00	13.52	12.59	0.01	7.70	0.468
S5479	26.92	0.00	0.00	13.43	12.68	0.01	7.85	0.471
S5482	26.92	0.00	0.00	13.23	12.89	0.00	5.76	0.479
S5488	26.92	0.00	0.00	13.22	12.90	0.00	5.77	0.479
S5489	26.92	0.00	0.00	13.55	12.56	0.01	7.65	0.467
S5491	26.92	0.00	0.00	13.57	12.54	0.01	7.63	0.466
S5496	26.92	0.00	0.00	13.24	12.88	0.00	5.75	0.478
S5497	26.92	0.00	0.00	13.66	12.45	0.01	10.33	0.463
S5498	26.92	0.00	0.00	13.59	12.52	0.01	7.59	0.465
S5501	26.92	0.00	0.00	13.57	12.54	0.01	7.62	0.466
S5502	26.92	0.00	0.00	13.47	12.64	0.01	7.14	0.470
S5504	26.92	0.00	0.00	13.20	12.92	0.00	5.82	0.480
S5508	26.92	0.00	0.00	13.56	12.55	0.01	7.64	0.466
S5509	26.92	0.00	0.00	7.80	17.86	0.24	183.46	0.663
S5511	26.92	0.00	0.00	13.48	12.63	0.01	7.77	0.469
S5512	26.92	0.00	0.00	13.20	12.92	0.00	5.81	0.480
S5514	26.92	0.00	0.00	4.87	20.74	0.09	102.98	0.770
S5516	26.92	0.00	0.00	13.17	12.94	0.00	5.86	0.481
S5517	26.92	0.00	0.00	13.49	12.62	0.01	7.75	0.469
S5529	26.92	0.00	0.00	13.65	12.46	0.01	7.50	0.463
S5533	26.92	0.00	0.00	13.13	12.99	0.00	5.94	0.483
S5542	26.92	0.00	0.00	13.42	12.69	0.01	7.87	0.472
S5543	26.92	0.00	0.00	13.62	12.49	0.01	7.54	0.464
S5549	26.92	0.00	0.00	13.42	12.70	0.01	7.88	0.472
S5550	26.92	0.00	0.00	7.52	18.25	0.09	105.61	0.678
S5551	26.92	0.00	0.00	13.56	12.55	0.01	10.66	0.466

S5553	26.92	0.00	0.00	13.55	12.57	0.01	7.66	0.467
S5554	26.92	0.00	0.00	13.47	12.64	0.01	7.80	0.470
S5566	26.92	0.00	0.00	13.38	12.74	0.01	7.95	0.473
S5567	26.92	0.00	0.00	7.44	18.34	0.07	87.94	0.681
S5568	26.92	0.00	0.00	7.43	18.35	0.05	64.38	0.682
S5570	26.92	0.00	0.00	13.44	12.68	0.01	7.30	0.471
S5571	26.92	0.00	0.00	7.35	18.43	0.04	46.33	0.685
S5572	26.92	0.00	0.00	13.52	12.60	0.01	7.72	0.468
S5574	26.92	0.00	0.00	13.45	12.66	0.01	7.82	0.470
S5578	26.92	0.00	0.00	13.25	12.87	0.00	5.73	0.478
S5579	26.92	0.00	0.00	7.44	18.34	0.10	118.40	0.681
S5581	26.92	0.00	0.00	13.58	12.53	0.01	7.62	0.465
S5583	26.92	0.00	0.00	13.55	12.56	0.01	7.65	0.467
S5584	26.92	0.00	0.00	13.00	13.12	0.00	6.20	0.487
S5585	26.92	0.00	0.00	4.89	20.71	0.09	101.59	0.770
S5588	26.92	0.00	0.00	7.36	18.42	0.04	49.52	0.684
S5594	26.92	0.00	0.00	13.41	12.71	0.00	5.93	0.472
S5598	26.92	0.00	0.00	13.17	12.95	0.00	5.86	0.481
S5602	26.92	0.00	0.00	13.40	12.72	0.01	7.92	0.473
S5606	26.92	0.00	0.00	13.53	12.59	0.01	9.63	0.468
S5608	26.92	0.00	0.00	13.29	12.83	0.00	5.67	0.477
S5620	26.92	0.00	0.00	25.92	0.92	0.01	7.93	0.034
S5621	26.92	0.00	0.00	13.44	12.67	0.01	7.39	0.471
S5622	26.92	0.00	0.00	13.94	12.17	0.01	10.65	0.452
S5624	26.92	0.00	0.00	13.21	12.90	0.00	5.79	0.479
S5627	26.92	0.00	0.00	13.33	12.79	0.00	6.05	0.475
S5628	26.92	0.00	0.00	13.55	12.56	0.01	7.67	0.467
S5630	26.92	0.00	0.00	13.02	13.10	0.00	6.15	0.487
S5632	26.92	0.00	0.00	7.43	18.35	0.05	65.36	0.682
S5634	26.92	0.00	0.00	13.37	12.75	0.00	5.99	0.474
S5635	26.92	0.00	0.00	13.13	12.99	0.00	5.93	0.483
S5637	26.92	0.00	0.00	13.42	12.69	0.01	7.88	0.471
S5639	26.92	0.00	0.00	7.36	18.43	0.04	45.62	0.685
S5640	26.92	0.00	0.00	7.46	18.31	0.07	86.75	0.680
S5641	26.92	0.00	0.00	7.48	18.30	0.08	93.65	0.680
S5642	26.92	0.00	0.00	13.16	12.96	0.00	5.88	0.481
S5643	26.92	0.00	0.00	13.63	12.48	0.01	7.54	0.464
S5645	26.92	0.00	0.00	13.47	12.64	0.01	7.80	0.470
S5648	26.92	0.00	0.00	12.97	13.15	0.00	6.27	0.488
S5649	26.92	0.00	0.00	4.85	20.76	0.08	91.54	0.771
S5650	26.92	0.00	0.00	13.59	12.52	0.01	7.60	0.465
S5652	26.92	0.00	0.00	13.05	13.07	0.00	6.09	0.485
S5660	26.92	0.00	0.00	13.47	12.64	0.01	7.80	0.470
S5661	26.92	0.00	0.00	25.97	0.87	0.03	20.42	0.032
S5663	26.92	0.00	0.00	13.60	12.51	0.01	7.61	0.465
S5664	26.92	0.00	0.00	13.56	12.56	0.01	7.66	0.467
S5667	26.92	0.00	0.00	13.38	12.73	0.01	8.37	0.473
S5670	26.92	0.00	0.00	13.51	12.60	0.01	7.75	0.468
S5671	26.92	0.00	0.00	13.57	12.54	0.01	7.64	0.466
S5672	26.92	0.00	0.00	7.41	18.37	0.06	68.76	0.682
S5674	26.92	0.00	0.00	7.51	18.26	0.10	112.52	0.678
S5675	26.92	0.00	0.00	13.17	12.94	0.00	5.86	0.481
S5677	26.92	0.00	0.00	13.57	12.54	0.01	7.66	0.466
S5680	26.92	0.00	0.00	13.56	12.56	0.01	7.66	0.467
S5681	26.92	0.00	0.00	13.12	12.99	0.00	5.94	0.483
S5685	26.92	0.00	0.00	13.50	12.61	0.01	7.76	0.469
S5687	26.92	0.00	0.00	13.14	12.97	0.00	5.91	0.482
S5688	26.92	0.00	0.00	13.51	12.61	0.01	7.74	0.468
S5689	26.92	0.00	0.00	7.42	18.36	0.07	88.79	0.682
S5699	26.92	0.00	0.00	13.14	12.98	0.00	5.92	0.482
S5700	26.92	0.00	0.00	13.58	12.53	0.01	7.64	0.466
S5705	26.92	0.00	0.00	13.64	12.47	0.01	9.22	0.463
S5706	26.92	0.00	0.00	13.11	13.01	0.00	5.97	0.483
S5708	26.92	0.00	0.00	13.44	12.68	0.01	7.88	0.471
S5709	26.92	0.00	0.00	13.17	12.95	0.00	5.86	0.481
S5711	26.92	0.00	0.00	13.44	12.68	0.01	7.87	0.471
S5712	26.92	0.00	0.00	13.06	13.06	0.00	6.08	0.485
S5715	26.92	0.00	0.00	13.13	12.98	0.00	5.34	0.482
S5716	26.92	0.00	0.00	13.12	12.99	0.00	5.94	0.483
S5717	26.92	0.00	0.00	13.22	12.90	0.01	6.43	0.479
S5718	26.92	0.00	0.00	13.49	12.63	0.01	7.71	0.469
S5719	26.92	0.00	0.00	14.29	11.81	0.01	15.76	0.439
S5720	26.92	0.00	0.00	14.13	11.97	0.01	13.54	0.445
S5721	26.92	0.00	0.00	13.91	12.20	0.01	11.23	0.453
S5722	26.92	0.00	0.00	4.92	20.68	0.02	26.93	0.768

S5724	26.92	0.00	0.00	7.49	18.28	0.12	140.74	0.679
S5725	26.92	0.00	0.00	7.38	18.40	0.05	64.88	0.684
S5726	26.92	0.00	0.00	13.22	12.90	0.00	5.77	0.479
S5727	26.92	0.00	0.00	7.39	18.39	0.05	57.49	0.683
S5728	26.92	0.00	0.00	7.40	18.38	0.07	85.25	0.683
S5729	26.92	0.00	0.00	7.55	18.22	0.11	126.56	0.677
S5731	26.92	0.00	0.00	7.45	18.32	0.09	102.19	0.681
S5732	26.92	0.00	0.00	7.44	18.34	0.08	90.21	0.681
S5733	26.92	0.00	0.00	7.38	18.40	0.07	84.28	0.683
S5738_10	26.92	0.00	0.00	15.53	10.39	0.19	107.75	0.386
S5738_11	26.92	0.00	0.00	25.64	1.20	0.01	8.24	0.045
S5738_12	26.92	0.00	0.00	7.45	18.32	0.03	39.95	0.681
S5738_13	26.92	0.00	0.00	7.57	18.18	0.04	44.52	0.675
S5738_14	26.92	0.00	0.00	14.46	11.63	0.05	51.01	0.432
S5738_15	26.92	0.00	0.00	7.50	18.27	0.03	36.65	0.679
S5738_17	26.92	0.00	0.00	15.10	10.94	0.07	61.26	0.407
S5738_18	26.92	0.00	0.00	14.86	11.21	0.06	50.86	0.416
S5738_19	26.92	0.00	0.00	24.73	2.11	0.01	5.21	0.078
S5738_2	26.92	0.00	0.00	7.47	18.30	0.03	34.95	0.680
S5738_20	26.92	0.00	0.00	6.98	18.82	0.01	6.83	0.699
S5738_3	26.92	0.00	0.00	14.83	11.24	0.06	54.62	0.418
S5738_4	26.92	0.00	0.00	15.67	10.04	0.27	104.64	0.373
S5738_5	26.92	0.00	0.00	14.52	11.57	0.04	45.00	0.430
S5738_6	26.92	0.00	0.00	25.01	1.83	0.01	5.67	0.068
S5738_7	26.92	0.00	0.00	15.09	10.96	0.08	62.25	0.407
S5738_8	26.92	0.00	0.00	15.12	10.92	0.08	65.03	0.406
S5738_9	26.92	0.00	0.00	7.42	18.36	0.02	28.72	0.682
S5739	26.92	0.00	0.00	13.29	12.83	0.00	5.67	0.477
S5758	26.92	0.00	0.00	13.61	12.51	0.01	10.62	0.465
S5760	26.92	0.00	0.00	7.32	18.47	0.11	140.16	0.686
S5761	26.92	0.00	0.00	7.33	18.45	0.12	143.90	0.686
S5766	26.92	0.00	0.00	4.82	20.80	0.13	155.82	0.773
S5769	26.92	0.00	0.00	26.28	0.56	0.04	21.25	0.021
S5770	26.92	0.00	0.00	26.35	0.49	0.03	15.71	0.018
S5771	26.92	0.00	0.00	13.54	12.57	0.01	11.80	0.467
S5772	26.92	0.00	0.00	13.65	12.46	0.01	8.66	0.463
S5773	26.92	0.00	0.00	13.47	12.64	0.01	8.98	0.470
S5774	26.92	0.00	0.00	13.54	12.57	0.01	8.87	0.467
S5775	26.92	0.00	0.00	13.59	12.52	0.01	8.78	0.465
S5776	26.92	0.00	0.00	13.59	12.52	0.01	8.78	0.465
S5777	26.92	0.00	0.00	13.42	12.70	0.01	9.13	0.472
S5778	26.92	0.00	0.00	13.45	12.67	0.01	9.07	0.471
S5779	26.92	0.00	0.00	13.65	12.46	0.01	8.70	0.463
S5780	26.92	0.00	0.00	13.40	12.72	0.01	9.18	0.472
S5781	26.92	0.00	0.00	13.53	12.58	0.01	8.91	0.467
S5782	26.92	0.00	0.00	4.77	20.85	0.01	15.84	0.775
S5783	26.92	0.00	0.00	4.84	20.78	0.01	15.12	0.772
S5784	26.92	0.00	0.00	4.83	20.79	0.01	15.17	0.772
S5785	26.92	0.00	0.00	4.80	20.82	0.01	12.17	0.774
S5786	26.92	0.00	0.00	4.75	20.88	0.01	8.14	0.776
S5787	26.92	0.00	0.00	4.94	20.65	0.04	48.59	0.767
S5788_2	26.92	0.00	0.00	25.08	1.76	0.04	27.92	0.065
S5788_3	26.92	0.00	0.00	24.68	2.16	0.03	26.12	0.080
S5791	26.92	0.00	0.00	16.99	9.37	0.01	8.39	0.348
S5793	26.92	0.00	0.00	16.77	9.59	0.00	5.71	0.356
S5794	26.92	0.00	0.00	16.89	9.47	0.00	5.92	0.352
S5795	26.92	0.00	0.00	16.90	9.45	0.00	5.79	0.351
S5796	26.92	0.00	0.00	4.91	20.69	0.04	50.07	0.768
S5797	26.92	0.00	0.00	17.05	9.31	0.01	6.30	0.346
S5798	26.92	0.00	0.00	17.12	9.24	0.01	7.82	0.343
S5800	26.92	0.00	0.00	17.12	9.24	0.01	6.70	0.343
S5801	26.92	0.00	0.00	17.16	9.19	0.01	7.72	0.342
S5802	26.92	0.00	0.00	17.73	8.63	0.01	9.67	0.321
S5804	26.92	0.00	0.00	17.23	9.12	0.01	8.33	0.339
S5806	26.92	0.00	0.00	17.36	9.00	0.01	8.71	0.334
S5808	26.92	0.00	0.00	17.27	9.09	0.01	7.51	0.338
S5809	26.92	0.00	0.00	17.81	8.54	0.01	11.39	0.317
S5811	26.92	0.00	0.00	17.23	9.13	0.01	8.01	0.339
S5812	26.92	0.00	0.00	17.38	8.97	0.01	7.30	0.333
S5813	26.92	0.00	0.00	17.73	8.63	0.01	11.70	0.321
S5826	26.92	0.00	0.00	17.50	8.86	0.01	9.86	0.329
S5827	26.92	0.00	0.00	17.21	9.14	0.01	7.62	0.340
S5829	26.92	0.00	0.00	17.26	9.09	0.01	8.71	0.338
S5830	26.92	0.00	0.00	16.96	9.40	0.01	7.13	0.349
S5833	26.92	0.00	0.00	17.17	9.19	0.01	7.72	0.341

S5835	26.92	0.00	0.00	16.68	9.68	0.00	5.72	0.359
S5836	26.92	0.00	0.00	17.34	9.01	0.01	8.50	0.335
S5838	26.92	0.00	0.00	17.10	9.26	0.01	7.86	0.344
S5840	26.92	0.00	0.00	17.43	8.93	0.01	9.41	0.332
S5841	26.92	0.00	0.00	17.21	9.15	0.01	7.62	0.340
S5842	26.92	0.00	0.00	17.51	8.85	0.01	9.26	0.329
S5845	26.92	0.00	0.00	17.19	9.17	0.01	7.67	0.341
S5846	26.92	0.00	0.00	17.65	8.70	0.01	8.98	0.323
S5848	26.92	0.00	0.00	17.10	9.26	0.01	7.92	0.344
S5850	26.92	0.00	0.00	17.43	8.93	0.01	9.42	0.332
S5851	26.92	0.00	0.00	26.05	0.79	0.02	9.29	0.029
S5852	26.92	0.00	0.00	17.39	8.97	0.01	8.05	0.333
S5854	26.92	0.00	0.00	17.12	9.24	0.01	8.06	0.343
S5855	26.92	0.00	0.00	17.49	8.87	0.01	9.29	0.330
S5858	26.92	0.00	0.00	17.08	9.28	0.01	8.54	0.345
S5862	26.92	0.00	0.00	17.54	8.82	0.01	11.13	0.328
S5864	26.92	0.00	0.00	17.65	8.70	0.01	9.83	0.323
S5865	26.92	0.00	0.00	17.69	8.67	0.01	8.57	0.322
S5868	26.92	0.00	0.00	17.50	8.86	0.01	9.87	0.329
S5869	26.92	0.00	0.00	17.29	9.07	0.01	8.05	0.337
S5872	26.92	0.00	0.00	17.29	9.07	0.01	8.02	0.337
S5873	26.92	0.00	0.00	17.35	9.01	0.01	8.71	0.335
S5875	26.92	0.00	0.00	17.40	8.96	0.01	7.78	0.333
S5877	26.92	0.00	0.00	17.19	9.17	0.01	7.60	0.341
S5880	26.92	0.00	0.00	17.22	9.13	0.01	8.10	0.339
S5883	26.92	0.00	0.00	16.89	9.47	0.01	6.62	0.352
S5884	26.92	0.00	0.00	17.28	9.08	0.01	7.96	0.337
S5888	26.92	0.00	0.00	17.17	9.19	0.01	8.16	0.341
S5890	26.92	0.00	0.00	17.30	9.06	0.01	7.86	0.336
S5893	26.92	0.00	0.00	17.37	8.99	0.01	7.71	0.334
S5894	26.92	0.00	0.00	17.15	9.21	0.01	6.77	0.342
S5898	26.92	0.00	0.00	17.29	9.07	0.01	7.83	0.337
S5899	26.92	0.00	0.00	17.40	8.95	0.01	7.60	0.333
S5903	26.92	0.00	0.00	17.32	9.03	0.01	7.72	0.336
S5905	26.92	0.00	0.00	17.16	9.19	0.01	8.03	0.342
S5906	26.92	0.00	0.00	17.23	9.13	0.01	7.85	0.339
S5916	26.92	0.00	0.00	18.01	8.35	0.02	16.51	0.310
S5937	26.92	0.00	0.00	25.42	1.42	0.01	9.55	0.053
S5939	26.92	0.00	0.00	26.26	0.58	0.03	18.24	0.022
S5957	26.92	0.00	0.00	26.53	0.31	0.07	38.69	0.012
S5964	26.92	0.00	0.00	25.35	1.49	0.27	313.41	0.055
S5965	26.92	0.00	0.00	26.62	0.22	0.07	36.18	0.008
S5971	26.92	0.00	0.00	26.63	0.20	0.06	30.59	0.008
S5975_1	26.92	0.00	0.00	24.57	2.27	0.02	15.24	0.084
S5975_2	26.92	0.00	0.00	25.49	1.35	0.06	42.83	0.050
S6	26.92	0.00	0.00	7.50	18.27	0.04	47.63	0.679
S6038	26.92	0.00	0.00	25.37	1.47	0.70	819.08	0.055
S6040	26.92	0.00	0.00	25.81	0.97	0.31	97.21	0.036
S6041	26.92	0.00	0.00	26.60	0.24	0.07	37.99	0.009
S6199	26.92	0.00	0.00	7.55	18.21	0.05	49.90	0.677
S6202	26.92	0.00	0.00	7.87	17.70	0.16	102.65	0.657
S6203	26.92	0.00	0.00	7.83	17.80	0.12	86.88	0.661
S6204_2	26.92	0.00	0.00	7.69	18.03	0.07	68.24	0.670
S6283_1	26.92	0.00	0.00	7.33	18.45	0.02	28.59	0.686
S6283_2	26.92	0.00	0.00	7.77	17.91	0.10	85.89	0.665
S6284_1	26.92	0.00	0.00	10.65	14.93	0.39	177.89	0.555
S6284_3	26.92	0.00	0.00	10.62	15.05	0.32	167.27	0.559
S6303	26.92	0.00	0.00	7.20	18.59	0.02	19.92	0.691
S6304	26.92	0.00	0.00	7.34	18.44	0.02	27.62	0.685
S6305_1	26.92	0.00	0.00	7.73	17.97	0.09	78.48	0.668
S6305_10	26.92	0.00	0.00	7.65	18.08	0.07	73.03	0.672
S6305_11	26.92	0.00	0.00	7.43	18.35	0.03	38.83	0.682
S6305_12	26.92	0.00	0.00	7.72	17.99	0.08	74.99	0.668
S6305_13	26.92	0.00	0.00	7.44	18.34	0.03	35.29	0.681
S6305_17	26.92	0.00	0.00	7.52	18.24	0.05	50.95	0.678
S6305_18	26.92	0.00	0.00	7.44	18.33	0.03	40.24	0.681
S6305_19	26.92	0.00	0.00	7.44	18.34	0.03	38.66	0.681
S6305_2	26.92	0.00	0.00	12.78	13.33	0.02	24.92	0.495
S6305_20	26.92	0.00	0.00	7.40	18.38	0.03	31.90	0.683
S6305_21	26.92	0.00	0.00	7.58	18.18	0.04	47.81	0.675
S6305_22	26.92	0.00	0.00	7.49	18.28	0.03	38.89	0.679
S6305_23	26.92	0.00	0.00	7.65	18.09	0.06	59.36	0.672
S6305_24	26.92	0.00	0.00	7.58	18.17	0.05	57.50	0.675
S6305_3	26.92	0.00	0.00	7.88	17.67	0.21	130.55	0.656
S6305_4	26.92	0.00	0.00	7.48	18.29	0.04	43.58	0.680

S6305_5	26.92	0.00	0.00	12.71	13.39	0.02	23.56	0.498
S6305_6	26.92	0.00	0.00	7.45	18.33	0.03	35.25	0.681
S6305_7	26.92	0.00	0.00	7.65	18.09	0.07	67.69	0.672
S6305_8	26.92	0.00	0.00	7.41	18.37	0.03	32.34	0.683
S6305_9	26.92	0.00	0.00	12.77	13.34	0.02	21.41	0.496
S6318	26.92	0.00	0.00	7.90	17.59	0.22	119.35	0.653
S6318_1	26.92	0.00	0.00	7.38	18.40	0.03	32.44	0.684
S6318_12	26.92	0.00	0.00	7.23	18.56	0.02	21.24	0.690
S6318_13	26.92	0.00	0.00	7.25	18.54	0.02	25.83	0.689
S6318_14	26.92	0.00	0.00	7.80	17.87	0.13	102.62	0.664
S6318_2	26.92	0.00	0.00	7.81	17.85	0.12	90.47	0.663
S6318_3	26.92	0.00	0.00	7.89	17.62	0.20	112.94	0.655
S6318_4	26.92	0.00	0.00	7.39	18.39	0.03	37.82	0.683
S6318_6	26.92	0.00	0.00	7.41	18.37	0.03	37.82	0.682
S6318_7	26.92	0.00	0.00	7.28	18.51	0.02	25.42	0.688
S6318_8	26.92	0.00	0.00	7.42	18.36	0.03	37.66	0.682
S6318_9	26.92	0.00	0.00	7.23	18.56	0.02	21.16	0.689
S6319	26.92	0.00	0.00	7.74	17.96	0.08	71.28	0.667
S6319_1	26.92	0.00	0.00	7.22	18.57	0.02	22.04	0.690
S6319_10	26.92	0.00	0.00	7.58	18.17	0.06	59.71	0.675
S6319_12	26.92	0.00	0.00	7.22	18.57	0.02	22.06	0.690
S6319_13	26.92	0.00	0.00	7.44	18.34	0.03	36.34	0.681
S6319_14	26.92	0.00	0.00	7.25	18.54	0.02	21.85	0.689
S6319_15	26.92	0.00	0.00	7.62	18.12	0.06	57.50	0.673
S6319_16	26.92	0.00	0.00	7.58	18.17	0.06	59.89	0.675
S6319_17	26.92	0.00	0.00	7.23	18.56	0.02	21.97	0.689
S6319_18	26.92	0.00	0.00	7.64	18.11	0.06	56.46	0.673
S6319_19	26.92	0.00	0.00	7.50	18.27	0.04	49.44	0.679
S6319_2	26.92	0.00	0.00	7.50	18.27	0.04	50.13	0.679
S6319_20	26.92	0.00	0.00	7.74	17.96	0.10	85.63	0.667
S6319_21	26.92	0.00	0.00	7.55	18.21	0.04	46.32	0.677
S6319_22	26.92	0.00	0.00	7.28	18.51	0.02	21.64	0.688
S6319_23	26.92	0.00	0.00	7.50	18.27	0.04	49.37	0.679
S6319_24	26.92	0.00	0.00	7.27	18.52	0.02	21.73	0.688
S6319_25	26.92	0.00	0.00	7.26	18.52	0.02	21.75	0.688
S6319_26	26.92	0.00	0.00	7.50	18.27	0.04	48.79	0.679
S6319_27	26.92	0.00	0.00	7.60	18.14	0.06	58.69	0.674
S6319_28	26.92	0.00	0.00	7.87	17.70	0.17	108.55	0.658
S6319_29	26.92	0.00	0.00	7.60	18.15	0.05	50.63	0.674
S6319_3	26.92	0.00	0.00	7.16	18.63	0.01	19.29	0.692
S6319_30	26.92	0.00	0.00	7.31	18.48	0.02	25.69	0.686
S6319_31	26.92	0.00	0.00	7.63	18.12	0.06	57.02	0.673
S6319_32	26.92	0.00	0.00	7.25	18.54	0.02	21.87	0.689
S6319_33	26.92	0.00	0.00	7.62	18.12	0.06	57.40	0.673
S6319_34	26.92	0.00	0.00	7.25	18.54	0.02	21.87	0.689
S6319_35	26.92	0.00	0.00	7.61	18.13	0.06	57.83	0.674
S6319_36	26.92	0.00	0.00	7.25	18.54	0.02	21.84	0.689
S6319_4	26.92	0.00	0.00	7.50	18.26	0.04	49.87	0.678
S6319_5	26.92	0.00	0.00	7.70	18.02	0.08	76.71	0.669
S6319_6	26.92	0.00	0.00	7.21	18.58	0.02	20.99	0.690
S6319_7	26.92	0.00	0.00	7.21	18.58	0.02	22.13	0.690
S6319_8	26.92	0.00	0.00	7.62	18.12	0.06	57.43	0.673
S6319_9	26.92	0.00	0.00	7.78	17.90	0.12	98.23	0.665
S6321_10	26.92	0.00	0.00	7.88	17.66	0.17	103.88	0.656
S6321_11	26.92	0.00	0.00	7.94	17.40	0.27	122.67	0.647
S6321_12	26.92	0.00	0.00	7.42	18.36	0.02	28.15	0.682
S6321_13	26.92	0.00	0.00	7.41	18.37	0.03	33.06	0.683
S6321_14	26.92	0.00	0.00	7.55	18.21	0.05	51.98	0.677
S6321_15	26.92	0.00	0.00	7.53	18.24	0.04	48.03	0.678
S6321_16	26.92	0.00	0.00	7.74	17.96	0.08	74.09	0.667
S6321_17	26.92	0.00	0.00	7.75	17.95	0.09	75.00	0.667
S6321_18	26.92	0.00	0.00	7.48	18.29	0.04	43.27	0.679
S6321_19	26.92	0.00	0.00	7.53	18.23	0.04	43.78	0.677
S6321_2	26.92	0.00	0.00	7.35	18.43	0.03	31.04	0.685
S6321_20	26.92	0.00	0.00	7.59	18.17	0.06	62.27	0.675
S6321_21	26.92	0.00	0.00	7.58	18.18	0.06	60.98	0.675
S6321_22	26.92	0.00	0.00	7.23	18.56	0.02	22.94	0.689
S6321_23	26.92	0.00	0.00	7.41	18.37	0.03	32.11	0.682
S6321_3	26.92	0.00	0.00	7.49	18.28	0.04	44.20	0.679
S6321_4	26.92	0.00	0.00	7.47	18.30	0.04	43.29	0.680
S6321_5	26.92	0.00	0.00	7.42	18.36	0.03	39.89	0.682
S6321_6	26.92	0.00	0.00	7.34	18.44	0.02	26.46	0.685
S6321_7	26.92	0.00	0.00	7.35	18.44	0.02	29.85	0.685
S6321_8	26.92	0.00	0.00	7.35	18.43	0.02	27.26	0.685
S6321_9	26.92	0.00	0.00	7.68	18.04	0.07	66.65	0.670

S6323_1	26.92	0.00	0.00	9.49	16.31	0.01	15.75	0.606
S6323_2	26.92	0.00	0.00	25.74	1.10	0.02	13.87	0.041
S6323_3	26.92	0.00	0.00	25.13	1.71	0.02	13.22	0.064
S6323_5	26.92	0.00	0.00	25.41	1.42	0.02	13.71	0.053
S6324	26.92	0.00	0.00	26.55	0.29	0.01	7.69	0.011
S6325_1	26.92	0.00	0.00	7.99	16.93	0.67	205.53	0.629
S6325_2	26.92	0.00	0.00	8.00	16.85	0.71	210.73	0.626
S6326	26.92	0.00	0.00	7.89	17.63	0.11	64.51	0.655
S6327	26.92	0.00	0.00	7.98	17.13	0.45	157.19	0.636
S6331	26.92	0.00	0.00	7.70	18.03	0.07	68.56	0.670
S6339_1	26.92	0.00	0.00	7.78	17.90	0.09	76.84	0.665
S6339_10	26.92	0.00	0.00	7.65	18.08	0.06	62.41	0.672
S6339_11	26.92	0.00	0.00	7.66	18.07	0.06	59.83	0.671
S6339_12	26.92	0.00	0.00	7.25	18.54	0.02	19.68	0.689
S6339_13	26.92	0.00	0.00	7.60	18.15	0.05	58.10	0.674
S6339_14	26.92	0.00	0.00	7.72	17.99	0.08	72.51	0.668
S6339_15	26.92	0.00	0.00	7.90	17.59	0.19	106.61	0.653
S6339_16	26.92	0.00	0.00	7.26	18.53	0.02	20.99	0.688
S6339_17	26.92	0.00	0.00	7.80	17.86	0.11	88.62	0.664
S6339_18	26.92	0.00	0.00	7.35	18.43	0.02	29.97	0.685
S6339_19	26.92	0.00	0.00	7.08	18.72	0.01	9.90	0.695
S6339_2	26.92	0.00	0.00	7.32	18.47	0.02	25.48	0.686
S6339_20	26.92	0.00	0.00	7.45	18.32	0.03	35.42	0.681
S6339_21	26.92	0.00	0.00	7.80	17.86	0.11	87.57	0.664
S6339_22	26.92	0.00	0.00	7.50	18.27	0.03	36.13	0.679
S6339_23	26.92	0.00	0.00	7.68	18.05	0.07	66.31	0.670
S6339_24	26.92	0.00	0.00	7.74	17.96	0.10	90.32	0.667
S6339_25	26.92	0.00	0.00	7.76	17.93	0.10	81.14	0.666
S6339_26	26.92	0.00	0.00	7.83	17.80	0.13	92.37	0.661
S6339_27	26.92	0.00	0.00	7.15	18.64	0.01	15.04	0.693
S6339_28	26.92	0.00	0.00	7.56	18.20	0.04	45.14	0.676
S6339_29	26.92	0.00	0.00	7.19	18.60	0.01	17.97	0.691
S6339_3	26.92	0.00	0.00	7.67	18.07	0.06	59.65	0.671
S6339_30	26.92	0.00	0.00	7.71	18.01	0.07	65.47	0.669
S6339_31	26.92	0.00	0.00	7.00	18.80	0.01	9.06	0.698
S6339_32	26.92	0.00	0.00	7.22	18.57	0.01	17.50	0.690
S6339_33	26.92	0.00	0.00	7.57	18.18	0.04	43.58	0.676
S6339_34	26.92	0.00	0.00	7.78	17.89	0.10	83.42	0.665
S6339_35	26.92	0.00	0.00	7.14	18.65	0.01	14.65	0.693
S6339_36	26.92	0.00	0.00	7.61	18.14	0.05	52.78	0.674
S6339_37	26.92	0.00	0.00	7.09	18.71	0.01	11.54	0.695
S6339_38	26.92	0.00	0.00	7.12	18.68	0.01	12.30	0.694
S6339_39	26.92	0.00	0.00	7.57	18.19	0.04	46.03	0.676
S6339_4	26.92	0.00	0.00	7.73	17.97	0.08	69.62	0.668
S6339_40	26.92	0.00	0.00	7.27	18.52	0.02	20.32	0.688
S6339_42	26.92	0.00	0.00	7.65	18.09	0.06	55.92	0.672
S6339_43	26.92	0.00	0.00	7.91	17.58	0.19	104.62	0.653
S6339_5	26.92	0.00	0.00	7.57	18.19	0.05	57.10	0.676
S6339_6	26.92	0.00	0.00	7.62	18.13	0.05	53.38	0.673
S6339_7	26.92	0.00	0.00	7.74	17.95	0.08	71.97	0.667
S6339_8	26.92	0.00	0.00	7.37	18.41	0.02	25.32	0.684
S6339_9	26.92	0.00	0.00	7.90	17.59	0.20	109.35	0.654
S6341_2	26.92	0.00	0.00	7.88	17.68	0.24	149.67	0.657
S6341_3	26.92	0.00	0.00	7.97	17.22	0.49	184.98	0.640
S6341_4	26.92	0.00	0.00	7.75	17.94	0.13	112.23	0.666
S6342	26.92	0.00	0.00	8.00	16.74	0.65	182.42	0.622
S6345_1	26.92	0.00	0.00	7.90	17.61	0.20	113.61	0.654
S6345_3	26.92	0.00	0.00	7.81	17.84	0.12	90.16	0.663
S6345_4	26.92	0.00	0.00	7.86	17.74	0.15	100.45	0.659
S6346	26.92	0.00	0.00	7.69	18.03	0.06	56.98	0.670
S6346_1	26.92	0.00	0.00	7.25	18.53	0.02	20.37	0.689
S6346_10	26.92	0.00	0.00	7.31	18.48	0.02	23.78	0.686
S6346_11	26.92	0.00	0.00	7.21	18.58	0.01	18.70	0.690
S6346_12	26.92	0.00	0.00	7.59	18.16	0.04	44.41	0.675
S6346_13	26.92	0.00	0.00	7.37	18.41	0.02	29.04	0.684
S6346_14	26.92	0.00	0.00	7.46	18.32	0.03	36.70	0.680
S6346_15	26.92	0.00	0.00	7.54	18.23	0.04	41.38	0.677
S6346_16	26.92	0.00	0.00	7.57	18.19	0.05	52.14	0.676
S6346_17	26.92	0.00	0.00	7.63	18.11	0.05	51.66	0.673
S6346_18	26.92	0.00	0.00	7.18	18.61	0.01	14.36	0.691
S6346_19	26.92	0.00	0.00	7.51	18.25	0.03	39.29	0.678
S6346_2	26.92	0.00	0.00	7.57	18.19	0.05	49.08	0.676
S6346_20	26.92	0.00	0.00	7.28	18.51	0.02	22.94	0.688
S6346_21	26.92	0.00	0.00	7.38	18.41	0.02	25.79	0.684
S6346_22	26.92	0.00	0.00	7.85	17.76	0.14	98.05	0.660

S6346_23	26.92	0.00	0.00	7.51	18.25	0.03	39.40	0.678
S6346_24	26.92	0.00	0.00	7.40	18.38	0.02	30.18	0.683
S6346_25	26.92	0.00	0.00	7.47	18.30	0.03	37.21	0.680
S6346_26	26.92	0.00	0.00	7.46	18.32	0.03	33.00	0.680
S6346_27	26.92	0.00	0.00	7.45	18.32	0.03	32.51	0.681
S6346_28	26.92	0.00	0.00	7.66	18.07	0.05	53.11	0.671
S6346_29	26.92	0.00	0.00	7.71	18.00	0.07	65.75	0.669
S6346_3	26.92	0.00	0.00	7.77	17.91	0.10	81.04	0.665
S6346_30	26.92	0.00	0.00	7.61	18.14	0.05	52.72	0.674
S6346_31	26.92	0.00	0.00	7.36	18.43	0.02	25.95	0.685
S6346_32	26.92	0.00	0.00	7.55	18.21	0.04	45.55	0.677
S6346_33	26.92	0.00	0.00	7.53	18.24	0.03	37.25	0.678
S6346_34	26.92	0.00	0.00	7.70	18.02	0.07	61.79	0.669
S6346_35	26.92	0.00	0.00	7.69	18.04	0.07	68.25	0.670
S6346_36	26.92	0.00	0.00	7.49	18.28	0.03	37.38	0.679
S6346_37	26.92	0.00	0.00	7.40	18.38	0.02	25.88	0.683
S6346_38	26.92	0.00	0.00	7.21	18.58	0.01	17.25	0.690
S6346_39	26.92	0.00	0.00	7.32	18.47	0.02	22.70	0.686
S6346_4	26.92	0.00	0.00	7.49	18.28	0.03	40.24	0.679
S6346_40	26.92	0.00	0.00	7.41	18.37	0.02	29.81	0.683
S6346_41	26.92	0.00	0.00	7.64	18.10	0.05	50.90	0.673
S6346_42	26.92	0.00	0.00	7.73	17.98	0.07	64.89	0.668
S6346_43	26.92	0.00	0.00	7.73	17.97	0.07	65.71	0.668
S6346_44	26.92	0.00	0.00	7.36	18.43	0.02	24.14	0.685
S6346_45	26.92	0.00	0.00	7.28	18.51	0.02	21.59	0.688
S6346_46	26.92	0.00	0.00	7.67	18.06	0.06	57.54	0.671
S6346_47	26.92	0.00	0.00	7.28	18.51	0.02	22.99	0.688
S6346_48	26.92	0.00	0.00	7.58	18.17	0.04	47.48	0.675
S6346_49	26.92	0.00	0.00	7.15	18.64	0.01	14.60	0.693
S6346_5	26.92	0.00	0.00	7.59	18.16	0.05	48.02	0.675
S6346_50	26.92	0.00	0.00	7.41	18.37	0.03	31.16	0.682
S6346_51	26.92	0.00	0.00	7.41	18.36	0.02	28.93	0.682
S6346_52	26.92	0.00	0.00	7.70	18.01	0.07	62.94	0.669
S6346_53	26.92	0.00	0.00	7.78	17.89	0.10	82.55	0.665
S6346_54	26.92	0.00	0.00	7.58	18.17	0.04	45.77	0.675
S6346_55	26.92	0.00	0.00	7.58	18.17	0.04	45.22	0.675
S6346_6	26.92	0.00	0.00	7.73	17.98	0.09	82.59	0.668
S6346_7	26.92	0.00	0.00	7.16	18.63	0.01	15.65	0.692
S6346_9	26.92	0.00	0.00	7.20	18.59	0.01	15.97	0.691
S6350_1	26.92	0.00	0.00	8.02	16.30	0.99	234.66	0.606
S6350_10	26.92	0.00	0.00	7.13	18.66	0.01	13.43	0.693
S6350_3	26.92	0.00	0.00	7.92	17.52	0.32	163.54	0.651
S6350_4	26.92	0.00	0.00	7.96	17.33	0.27	112.78	0.644
S6350_5	26.92	0.00	0.00	7.85	17.75	0.16	110.26	0.660
S6350_6	26.92	0.00	0.00	7.80	17.86	0.15	120.40	0.664
S6350_7	26.92	0.00	0.00	7.37	18.41	0.02	28.11	0.684
S6350_8	26.92	0.00	0.00	7.91	17.57	0.22	119.88	0.653
S6350_9	26.92	0.00	0.00	7.86	17.71	0.18	117.31	0.658
S6351	26.92	0.00	0.00	8.01	16.53	0.89	229.42	0.614
S6352_10	26.92	0.00	0.00	7.65	18.09	0.06	60.77	0.672
S6352_11	26.92	0.00	0.00	7.14	18.66	0.01	13.83	0.693
S6352_12	26.92	0.00	0.00	7.56	18.20	0.04	48.50	0.676
S6352_13	26.92	0.00	0.00	7.21	18.58	0.01	17.68	0.690
S6352_14	26.92	0.00	0.00	7.21	18.59	0.01	17.22	0.690
S6352_15	26.92	0.00	0.00	7.22	18.57	0.01	17.30	0.690
S6352_16	26.92	0.00	0.00	7.54	18.23	0.04	45.84	0.677
S6352_2	26.92	0.00	0.00	7.14	18.65	0.01	13.84	0.693
S6352_3	26.92	0.00	0.00	7.66	18.08	0.06	61.69	0.672
S6352_4	26.92	0.00	0.00	7.65	18.09	0.06	61.08	0.672
S6352_5	26.92	0.00	0.00	7.38	18.40	0.02	28.98	0.684
S6352_6	26.92	0.00	0.00	7.64	18.10	0.06	61.45	0.672
S6352_7	26.92	0.00	0.00	7.38	18.40	0.02	28.95	0.684
S6352_8	26.92	0.00	0.00	7.63	18.11	0.06	61.78	0.673
S6352_9	26.92	0.00	0.00	7.15	18.64	0.01	13.75	0.693
S6353_1	26.92	0.00	0.00	8.00	16.91	0.66	199.75	0.628
S6353_2	26.92	0.00	0.00	7.87	17.71	0.19	123.01	0.658
S6353_4	26.92	0.00	0.00	7.94	17.42	0.32	145.87	0.647
S6353_5	26.92	0.00	0.00	7.90	17.62	0.23	133.55	0.654
S6353_6	26.92	0.00	0.00	8.00	16.75	0.62	176.72	0.622
S6353_7	26.92	0.00	0.00	8.00	16.81	0.71	205.56	0.624
S6354	26.92	0.00	0.00	7.76	17.92	0.10	83.68	0.666
S6355	26.92	0.00	0.00	7.42	18.35	0.03	35.55	0.682
S6356	26.92	0.00	0.00	7.70	18.02	0.07	66.67	0.669
S6357	26.92	0.00	0.00	7.49	18.28	0.04	42.95	0.679
S6359	26.92	0.00	0.00	17.32	9.04	0.01	7.98	0.336

S6360	26.92	0.00	0.00	7.62	18.13	0.05	53.16	0.673
S6361	26.92	0.00	0.00	7.64	18.09	0.05	54.58	0.672
S6362	26.92	0.00	0.00	7.40	18.38	0.03	31.22	0.683
S6363	26.92	0.00	0.00	7.91	17.58	0.19	102.13	0.653
S6364	26.92	0.00	0.00	7.59	18.16	0.05	49.72	0.675
S6365	26.92	0.00	0.00	7.66	18.08	0.06	61.64	0.672
S6366	26.92	0.00	0.00	7.66	18.07	0.06	56.15	0.671
S6367_1	26.92	0.00	0.00	7.65	18.09	0.06	55.23	0.672
S6367_2	26.92	0.00	0.00	7.56	18.20	0.04	43.46	0.676
S6368	26.92	0.00	0.00	7.81	17.84	0.11	80.94	0.663
S6369	26.92	0.00	0.00	7.72	17.99	0.07	64.03	0.668
S6370	26.92	0.00	0.00	7.66	18.07	0.06	57.32	0.671
S6371	26.92	0.00	0.00	7.75	17.95	0.08	71.23	0.667
S6372	26.92	0.00	0.00	7.53	18.24	0.04	42.91	0.678
S6373_1	26.92	0.00	0.00	7.46	18.32	0.03	35.51	0.681
S6373_3	26.92	0.00	0.00	7.50	18.26	0.04	40.39	0.678
S6373_4	26.92	0.00	0.00	7.65	18.09	0.06	58.47	0.672
S6374	26.92	0.00	0.00	16.03	10.25	0.01	7.47	0.381
S7	26.92	0.00	0.00	7.59	18.16	0.06	62.87	0.675
S722	26.92	0.00	0.00	22.15	4.28	0.15	62.54	0.159
S723	26.92	0.00	0.00	26.61	0.22	0.06	30.13	0.008
S733	26.92	0.00	0.00	16.98	9.38	0.01	6.87	0.348
S734	26.92	0.00	0.00	17.08	9.28	0.01	8.26	0.345
S779	26.92	0.00	0.00	16.82	9.54	0.01	6.91	0.354
S781	26.92	0.00	0.00	17.10	9.26	0.01	6.58	0.344
S782	26.92	0.00	0.00	16.88	9.48	0.01	7.70	0.352
S788	26.92	0.00	0.00	17.07	9.29	0.01	8.33	0.345
S793	26.92	0.00	0.00	17.17	9.19	0.01	7.75	0.341
S8	26.92	0.00	0.00	8.57	17.22	0.02	26.55	0.640
S8_1	26.92	0.00	0.00	5.19	20.17	0.89	543.82	0.749
S8_2	26.92	0.00	0.00	4.87	20.74	0.28	331.26	0.770
S802	26.92	0.00	0.00	17.05	9.30	0.01	8.26	0.346
S805	26.92	0.00	0.00	17.01	9.35	0.01	6.94	0.347
S807	26.92	0.00	0.00	16.90	9.45	0.01	6.54	0.351
S808	26.92	0.00	0.00	17.05	9.30	0.01	6.35	0.346
S809	26.92	0.00	0.00	17.13	9.22	0.01	8.11	0.343
S813	26.92	0.00	0.00	16.85	9.50	0.01	6.64	0.353
S814	26.92	0.00	0.00	16.88	9.48	0.01	6.96	0.352
S815	26.92	0.00	0.00	17.00	9.35	0.01	6.93	0.347
S816	26.92	0.00	0.00	17.09	9.27	0.01	6.78	0.344
S817	26.92	0.00	0.00	17.05	9.31	0.01	6.86	0.346
S818	26.92	0.00	0.00	16.98	9.37	0.01	6.61	0.348
S819	26.92	0.00	0.00	17.10	9.26	0.01	8.43	0.344
S820	26.92	0.00	0.00	17.20	9.16	0.01	10.08	0.340
S823	26.92	0.00	0.00	17.18	9.17	0.01	8.96	0.341
S826	26.92	0.00	0.00	17.68	8.68	0.01	13.42	0.322
S828	26.92	0.00	0.00	17.53	8.83	0.01	10.37	0.328
S830	26.92	0.00	0.00	17.37	8.99	0.01	10.84	0.334
S831	26.92	0.00	0.00	17.58	8.78	0.01	11.76	0.326
S832	26.92	0.00	0.00	10.20	15.67	0.05	57.94	0.582
S833	26.92	0.00	0.00	17.74	8.61	0.01	12.79	0.320
S834	26.92	0.00	0.00	17.68	8.67	0.01	13.20	0.322
S836	26.92	0.00	0.00	17.10	9.25	0.01	8.74	0.344
S840	26.92	0.00	0.00	16.97	9.39	0.01	6.36	0.349
S848	26.92	0.00	0.00	17.28	9.07	0.01	9.57	0.337
S849	26.92	0.00	0.00	17.05	9.31	0.01	7.98	0.346
S850	26.92	0.00	0.00	16.96	9.40	0.01	7.05	0.349
S851	26.92	0.00	0.00	16.96	9.40	0.01	6.71	0.349
S852	26.92	0.00	0.00	16.91	9.45	0.01	6.92	0.351
S853	26.92	0.00	0.00	17.25	9.11	0.01	8.25	0.338
S854	26.92	0.00	0.00	17.12	9.24	0.01	9.47	0.343
S855	26.92	0.00	0.00	17.21	9.15	0.01	8.29	0.340
S878	26.92	0.00	0.00	17.13	9.23	0.01	7.95	0.343
S879	26.92	0.00	0.00	17.03	9.33	0.01	6.26	0.347
S881	26.92	0.00	0.00	17.03	9.33	0.01	6.91	0.347
S882	26.92	0.00	0.00	16.95	9.41	0.01	6.73	0.350
S884	26.92	0.00	0.00	17.00	9.36	0.01	7.95	0.348
S885	26.92	0.00	0.00	17.04	9.32	0.01	6.83	0.346
S886	26.92	0.00	0.00	17.00	9.36	0.01	6.94	0.348
S887	26.92	0.00	0.00	17.00	9.36	0.01	7.60	0.348
S895	26.92	0.00	0.00	17.58	8.78	0.01	13.39	0.326
S898	26.92	0.00	0.00	17.24	9.12	0.01	8.88	0.339
S9	26.92	0.00	0.00	19.26	7.07	0.04	36.00	0.263
S901	26.92	0.00	0.00	16.87	9.49	0.01	6.76	0.352
S902	26.92	0.00	0.00	17.15	9.20	0.01	8.81	0.342

S919	26.92	0.00	0.00	16.81	9.55	0.01	7.00	0.355
S92	26.92	0.00	0.00	19.57	6.73	0.04	33.08	0.250
S927	26.92	0.00	0.00	17.19	9.17	0.01	9.00	0.341
S93	26.92	0.00	0.00	19.57	6.73	0.04	32.96	0.250
S931	26.92	0.00	0.00	16.99	9.36	0.01	6.99	0.348
S933	26.92	0.00	0.00	16.96	9.39	0.01	7.06	0.349
S935	26.92	0.00	0.00	16.96	9.40	0.01	7.15	0.349
S936	26.92	0.00	0.00	9.97	15.90	0.02	20.32	0.591
S940	26.92	0.00	0.00	16.94	9.42	0.01	6.94	0.350
S943	26.92	0.00	0.00	17.34	9.02	0.01	10.09	0.335
S944	26.92	0.00	0.00	17.39	8.97	0.01	8.72	0.333
S945	26.92	0.00	0.00	16.86	9.50	0.01	6.33	0.353
S946	26.92	0.00	0.00	17.01	9.35	0.01	6.87	0.347
S947	26.92	0.00	0.00	17.01	9.35	0.01	6.89	0.347
S948	26.92	0.00	0.00	16.91	9.45	0.01	7.12	0.351
S949	26.92	0.00	0.00	16.92	9.44	0.01	7.11	0.351
S952	26.92	0.00	0.00	16.86	9.50	0.01	8.14	0.353
S957	26.92	0.00	0.00	16.77	9.59	0.01	7.65	0.356
S958	26.92	0.00	0.00	16.97	9.39	0.01	6.89	0.349
S959	26.92	0.00	0.00	10.07	15.80	0.03	29.87	0.587
S962	26.92	0.00	0.00	16.89	9.46	0.01	7.13	0.352
S969	26.92	0.00	0.00	17.32	9.04	0.01	10.76	0.336
S976	26.92	0.00	0.00	16.95	9.40	0.01	6.98	0.349
S978	26.92	0.00	0.00	16.93	9.43	0.01	7.14	0.350
S981	26.92	0.00	0.00	16.99	9.37	0.01	7.00	0.348
S982	26.92	0.00	0.00	16.94	9.42	0.01	7.99	0.350
S983	26.92	0.00	0.00	16.97	9.39	0.01	8.08	0.349
S987	26.92	0.00	0.00	17.58	8.78	0.01	10.44	0.326
S989	26.92	0.00	0.00	16.92	9.44	0.01	7.07	0.351
S994	26.92	0.00	0.00	16.93	9.43	0.01	8.25	0.350
S996	26.92	0.00	0.00	9.97	15.90	0.01	13.40	0.591
S998	26.92	0.00	0.00	16.87	9.49	0.01	7.19	0.352
S999	26.92	0.00	0.00	17.05	9.30	0.01	6.52	0.346

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Node Depth Summary
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Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
732	JUNCTION	0.03	0.19	942.60	0 00:40	0.19
734	JUNCTION	0.02	0.17	941.31	0 00:44	0.17
735	JUNCTION	0.11	0.52	941.30	0 00:44	0.52
736	JUNCTION	0.05	0.27	941.92	0 00:40	0.27
737	JUNCTION	0.14	0.70	941.41	0 00:43	0.70
738	JUNCTION	0.14	0.68	941.29	0 00:43	0.68
739	JUNCTION	0.18	1.97	943.31	0 00:38	1.54
740	JUNCTION	0.07	1.24	943.14	0 00:39	0.99
741	JUNCTION	0.16	1.66	942.91	0 00:38	1.32
743	JUNCTION	0.19	0.90	941.20	0 00:43	0.90
745	JUNCTION	0.22	0.84	941.01	0 00:43	0.84
746	JUNCTION	0.15	1.71	942.65	0 00:38	1.40
748	JUNCTION	0.05	0.72	943.79	0 00:42	0.72
749	JUNCTION	0.09	1.60	943.80	0 00:41	1.60
750	JUNCTION	0.11	1.53	943.44	0 00:42	1.53
751	JUNCTION	0.16	1.52	943.04	0 00:42	1.52
752	JUNCTION	0.15	1.71	943.37	0 00:41	1.71
753	JUNCTION	0.03	0.84	944.00	0 00:40	0.63
754	JUNCTION	0.16	1.56	943.11	0 00:41	1.56
755	JUNCTION	0.10	1.65	943.92	0 00:39	1.65
A11STM239	JUNCTION	0.74	1.00	948.66	0 00:45	1.00
A12STM48	JUNCTION	0.11	0.52	955.43	0 00:49	0.52
A12STM50	JUNCTION	0.19	1.37	954.36	0 00:49	1.37
A12STM51	JUNCTION	0.16	1.72	954.14	0 00:46	0.87
A12STM52	JUNCTION	0.16	0.84	951.01	0 00:49	0.84
A12STM53	JUNCTION	0.07	0.37	951.20	0 00:40	0.37
A12STM55	JUNCTION	0.17	0.77	950.32	0 00:49	0.77
A12STM56	JUNCTION	0.14	0.56	949.78	0 00:49	0.56
A12STM57	JUNCTION	0.55	0.72	948.55	0 01:34	0.72
A12STM58	JUNCTION	0.14	0.58	949.28	0 00:50	0.58
A13STM2271	JUNCTION	0.03	0.36	959.24	0 00:40	0.36

A13STM2272	JUNCTION	0.04	0.27	958.77	0	00:40	0.27
A13STM2273	JUNCTION	0.06	1.07	957.48	0	00:41	1.06
A13STM2274	JUNCTION	0.15	2.27	955.73	0	00:42	2.27
A13STM2275	JUNCTION	0.02	0.24	959.98	0	00:40	0.24
A13STM44	JUNCTION	0.08	2.48	962.13	0	00:39	1.41
A13STM45	JUNCTION	0.24	2.56	960.28	0	00:38	2.34
A13STM46	JUNCTION	0.21	1.80	958.54	0	00:45	1.80
A13STM49	JUNCTION	0.00	0.03	956.73	0	00:46	0.03
A13STM54	JUNCTION	0.06	0.31	952.02	0	00:40	0.31
A14STM25	JUNCTION	0.28	0.37	962.14	0	00:59	0.37
A14STM26	JUNCTION	0.14	0.20	961.77	0	00:57	0.20
A14STM27	JUNCTION	0.12	1.14	962.33	0	00:46	1.14
A14STM31	JUNCTION	0.12	0.86	962.46	0	00:47	0.86
A14STM32	JUNCTION	0.06	0.55	962.49	0	00:47	0.55
A14STM33	JUNCTION	0.09	0.49	962.61	0	00:47	0.49
A14STM34	JUNCTION	0.04	0.25	962.61	0	00:47	0.25
A15STM2	JUNCTION	0.03	0.24	969.82	0	00:40	0.24
A15STM3	JUNCTION	0.14	1.71	968.66	0	00:43	1.71
A15STM4	JUNCTION	0.08	1.09	965.20	0	00:41	1.09
A15STM5	JUNCTION	0.25	0.29	962.72	0	02:00	0.29
A15STM6	JUNCTION	0.27	0.30	962.58	0	01:40	0.30
A15STM691	JUNCTION	0.06	0.35	972.44	0	00:40	0.35
A15STM7	JUNCTION	0.06	1.32	964.77	0	00:40	0.59
A16STM687	JUNCTION	0.03	0.20	974.42	0	00:40	0.20
A16STM688	JUNCTION	0.06	0.51	973.47	0	00:40	0.51
A16STM689	JUNCTION	0.09	0.62	972.01	0	00:40	0.62
A17STM681	JUNCTION	0.04	0.21	979.44	0	00:42	0.21
A17STM682	JUNCTION	0.05	0.22	977.28	0	00:43	0.22
A5STM1	JUNCTION	0.10	1.29	949.43	0	00:42	1.29
A5STM158	JUNCTION	0.04	0.48	949.86	0	00:40	0.48
A5STM160	JUNCTION	0.19	2.09	951.91	0	00:41	2.09
A5STM161	JUNCTION	0.17	1.77	953.70	0	00:40	1.77
A6STM159	JUNCTION	0.11	1.15	949.18	0	00:42	1.15
A6STM162	JUNCTION	0.10	0.27	945.67	0	00:57	0.27
A6STM163	JUNCTION	0.08	0.25	946.42	0	00:57	0.25
A7STM165	JUNCTION	0.06	1.41	949.04	0	00:40	1.41
A7STM166	JUNCTION	0.11	2.32	947.91	0	00:42	2.32
B11STM231	JUNCTION	0.41	1.05	950.55	0	00:45	1.05
B11STM232	JUNCTION	0.78	1.96	952.46	0	00:45	1.96
B11STM233	JUNCTION	0.81	2.49	953.92	0	00:37	2.44
B11STM238	JUNCTION	1.64	2.11	949.78	0	00:45	2.11
B12STM220	JUNCTION	0.11	0.78	960.19	0	00:42	0.78
B12STM227	JUNCTION	1.32	1.79	958.86	0	00:40	1.79
B12STM228	JUNCTION	0.10	0.57	957.02	0	00:42	0.57
B12STM229	JUNCTION	0.20	2.54	955.59	0	00:43	2.54
B12STM230	JUNCTION	0.20	2.19	954.19	0	00:44	2.19
B13STM215	JUNCTION	0.09	0.45	962.75	0	00:40	0.45
B13STM216	JUNCTION	0.09	0.41	961.49	0	00:40	0.41
B13STM224	JUNCTION	0.09	0.43	960.44	0	00:40	0.43
B13STM225	JUNCTION	0.12	2.23	962.17	0	00:40	2.23
B13STM226	JUNCTION	1.45	1.93	959.78	0	00:40	1.93
B13STM240	JUNCTION	0.12	1.78	962.73	0	00:42	1.78
B13STM241	JUNCTION	0.04	0.49	963.09	0	00:41	0.49
B13STM242	JUNCTION	0.06	0.56	963.52	0	00:40	0.56
B13STM41	JUNCTION	0.25	2.77	961.78	0	00:45	2.77
B13STM42	JUNCTION	0.26	2.83	961.68	0	00:45	2.82
B13STM43	JUNCTION	0.25	3.33	961.71	0	00:38	3.13
B13STM47	JUNCTION	0.18	1.28	957.13	0	00:45	1.28
B14STM204	JUNCTION	0.09	2.01	971.37	0	00:41	2.01
B14STM214	JUNCTION	0.11	1.20	966.05	0	00:45	1.20
B14STM30	JUNCTION	0.20	2.29	961.93	0	00:46	2.29
B14STM35	JUNCTION	0.10	0.48	963.19	0	00:40	0.48
B14STM36	JUNCTION	0.09	1.43	965.49	0	00:43	1.43
B14STM37	JUNCTION	0.15	2.39	967.59	0	00:41	2.39
B14STM38	JUNCTION	0.15	2.21	967.97	0	00:40	2.21
B14STM39	JUNCTION	0.11	2.23	964.73	0	00:39	2.09
B14STM40	JUNCTION	0.10	2.09	964.83	0	00:39	2.08
B15STM10	JUNCTION	0.04	0.80	970.88	0	00:40	0.80
B15STM11	JUNCTION	0.06	0.88	971.06	0	00:40	0.88
B15STM12	JUNCTION	0.03	0.83	971.15	0	00:38	0.77
B15STM13	JUNCTION	0.05	0.60	969.53	0	00:41	0.60
B15STM14	JUNCTION	0.08	1.10	968.10	0	00:43	1.10
B15STM15	JUNCTION	0.08	0.89	967.29	0	00:44	0.89
B15STM16	JUNCTION	0.10	1.35	969.67	0	00:43	1.35
B15STM17	JUNCTION	0.08	1.14	971.67	0	00:41	1.14

B15STM18	JUNCTION	0.06	0.85	971.95	0	00:43	0.85
B15STM19	JUNCTION	0.06	0.74	972.20	0	00:43	0.74
B15STM195	JUNCTION	0.11	0.83	973.64	0	00:43	0.83
B15STM197	JUNCTION	0.17	1.57	974.91	0	00:43	1.57
B15STM199	JUNCTION	0.17	1.91	975.61	0	00:44	1.91
B15STM20	JUNCTION	0.05	0.60	972.24	0	00:43	0.60
B15STM21	JUNCTION	0.07	0.75	972.35	0	00:42	0.75
B15STM22	JUNCTION	0.04	1.71	973.46	0	00:39	0.84
B15STM24	JUNCTION	0.02	0.15	973.18	0	00:40	0.15
B15STM692	JUNCTION	0.24	0.28	968.02	0	02:05	0.28
B15STM8	JUNCTION	0.17	1.11	965.21	0	00:41	1.11
B15STM9	JUNCTION	0.01	0.08	970.41	0	00:40	0.08
B16STM192	JUNCTION	0.23	1.13	972.26	0	00:42	1.13
B16STM193	JUNCTION	0.13	0.51	971.04	0	00:41	0.51
B16STM194	JUNCTION	0.10	0.80	972.99	0	00:42	0.80
B16STM23	JUNCTION	0.02	0.15	973.08	0	00:40	0.15
B16STM671	JUNCTION	0.17	0.69	974.52	0	00:41	0.69
B16STM672	JUNCTION	0.20	1.02	975.87	0	00:42	1.02
B16STM674	JUNCTION	0.13	0.74	974.44	0	00:41	0.74
B16STM675	JUNCTION	0.06	0.31	973.80	0	00:41	0.31
B16STM678	JUNCTION	0.12	0.76	974.67	0	00:41	0.76
B16STM690	JUNCTION	0.06	0.33	970.63	0	00:40	0.33
B17STM1071	JUNCTION	0.16	1.12	977.61	0	00:44	1.12
B17STM1072	JUNCTION	0.21	1.22	978.25	0	00:44	1.22
B17STM1082	JUNCTION	0.08	0.93	978.27	0	00:44	0.93
B17STM1083	JUNCTION	0.06	0.73	978.28	0	00:44	0.73
B17STM673	JUNCTION	0.29	1.83	977.23	0	00:43	1.83
B17STM676	JUNCTION	0.03	0.18	978.82	0	00:40	0.18
B17STM677	JUNCTION	0.06	0.96	977.82	0	00:40	0.96
B17STM679	JUNCTION	0.03	0.18	978.97	0	00:40	0.18
B17STM680	JUNCTION	0.04	0.26	978.13	0	00:40	0.26
B17STM683	JUNCTION	0.07	0.37	976.11	0	00:40	0.37
B17STM684	JUNCTION	0.10	0.62	975.04	0	00:40	0.62
B17STM685	JUNCTION	0.08	0.48	975.33	0	00:40	0.48
B17STM686	JUNCTION	0.12	0.78	974.84	0	00:41	0.78
B18STM1084	JUNCTION	0.05	0.59	978.30	0	00:44	0.59
B6STM164	JUNCTION	0.11	0.29	944.13	0	00:58	0.29
B6STM173	JUNCTION	0.25	1.92	940.90	0	00:41	0.75
B6STM174	JUNCTION	0.27	1.76	940.67	0	00:41	0.82
B7STM167	JUNCTION	0.16	2.68	946.37	0	00:43	2.68
B7STM168	JUNCTION	0.07	0.44	940.99	0	00:40	0.44
B7STM169	JUNCTION	0.17	0.85	940.47	0	00:45	0.85
B7STM170	JUNCTION	0.12	1.13	941.19	0	00:39	0.80
B7STM171	JUNCTION	0.35	1.08	940.41	0	00:44	1.07
B7STM172	JUNCTION	0.58	1.13	940.23	0	00:45	1.13
B7STM175	JUNCTION	0.22	2.25	940.27	0	00:42	2.25
B7STM176	JUNCTION	0.08	1.28	940.88	0	00:42	1.28
B7STM177	JUNCTION	0.13	0.99	938.67	0	00:41	0.99
B7STM184	JUNCTION	0.19	1.74	940.11	0	00:45	1.74
B8STM190	JUNCTION	0.26	2.30	940.24	0	00:46	2.30
B8STM191	JUNCTION	0.12	1.59	940.74	0	00:45	1.59
C11STM234	JUNCTION	0.91	3.93	956.39	0	00:37	2.94
C11STM235	JUNCTION	0.99	4.39	957.81	0	00:38	3.37
C11STM236	JUNCTION	1.06	4.83	959.06	0	00:38	3.74
C11STM237	JUNCTION	1.20	4.55	960.66	0	01:06	4.54
C11STM257	JUNCTION	1.21	4.61	960.89	0	01:06	4.61
C11STM258	JUNCTION	1.24	4.85	961.96	0	01:06	4.85
C12STM221	JUNCTION	0.05	0.38	960.80	0	00:40	0.38
C12STM222	JUNCTION	0.22	1.60	962.66	0	00:45	1.60
C12STM223	JUNCTION	0.04	0.57	964.54	0	00:40	0.57
C12STM253	JUNCTION	1.26	5.39	965.41	0	00:50	5.39
C12STM254	JUNCTION	1.64	6.59	965.00	0	00:55	6.59
C12STM256	JUNCTION	1.60	6.36	964.56	0	01:02	6.36
C13STM217	JUNCTION	0.10	0.76	960.92	0	00:40	0.76
C13STM218	JUNCTION	0.08	0.73	960.98	0	00:40	0.69
C13STM219	JUNCTION	0.11	0.84	960.71	0	00:41	0.84
C13STM252	JUNCTION	0.87	3.95	966.13	0	00:55	3.95
C14STM205	JUNCTION	0.02	0.50	970.80	0	00:41	0.50
C14STM206	JUNCTION	0.02	0.11	971.54	0	00:40	0.11
C14STM207	JUNCTION	0.07	1.08	970.80	0	00:42	1.08
C14STM208	JUNCTION	0.08	1.24	970.70	0	00:42	1.24
C14STM209	JUNCTION	0.20	2.63	969.93	0	00:45	2.63
C14STM210	JUNCTION	0.20	2.60	969.69	0	00:45	2.60
C14STM211	JUNCTION	0.09	2.57	971.42	0	00:38	1.81
C14STM212	JUNCTION	0.15	2.08	970.43	0	00:45	2.08

C14STM213	JUNCTION	0.11	1.45	966.69	0	00:39	1.18
C15STM196	JUNCTION	0.04	2.35	977.04	0	00:40	0.80
C15STM198	JUNCTION	0.02	0.15	976.55	0	00:40	0.15
C15STM200	JUNCTION	0.16	2.04	976.49	0	00:44	2.04
C15STM201	JUNCTION	0.17	2.10	976.84	0	00:44	2.10
C15STM202	JUNCTION	0.19	2.94	978.06	0	00:41	2.94
C16STM1085	JUNCTION	0.09	0.69	976.35	0	00:41	0.69
C16STM1086	JUNCTION	0.06	0.64	977.78	0	00:40	0.64
C16STM1087	JUNCTION	0.05	0.27	976.52	0	00:40	0.27
C16STM1088	JUNCTION	0.08	0.51	976.51	0	00:40	0.51
C16STM1089	JUNCTION	0.02	0.10	976.58	0	00:40	0.10
C17STM1073	JUNCTION	0.04	0.66	978.62	0	00:44	0.66
C17STM1074	JUNCTION	0.26	1.26	978.60	0	00:44	1.26
C17STM1075	JUNCTION	0.20	1.11	979.19	0	00:44	1.11
C17STM1076	JUNCTION	0.24	1.00	979.47	0	00:45	1.00
C17STM1078	JUNCTION	0.13	1.71	980.65	0	00:40	0.86
C17STM1079	JUNCTION	0.15	1.99	980.60	0	00:38	1.37
C17STM1080	JUNCTION	0.18	1.15	979.51	0	00:41	1.15
C17STM1081	JUNCTION	0.03	1.82	980.66	0	00:39	1.12
C17STM1090	JUNCTION	0.22	1.22	978.45	0	00:44	1.22
C18STM1077	JUNCTION	0.55	1.81	980.74	0	01:06	1.81
C6STM180	JUNCTION	0.05	0.32	938.24	0	00:40	0.32
C6STM181	JUNCTION	0.01	0.24	938.25	0	00:40	0.24
C7STM178	JUNCTION	0.18	0.76	938.27	0	00:41	0.76
C7STM179	JUNCTION	0.33	0.75	938.07	0	00:41	0.75
C7STM182	JUNCTION	0.43	0.62	937.81	0	00:41	0.62
C7STM183	JUNCTION	0.38	0.55	937.79	0	01:12	0.55
C7STM185	JUNCTION	0.06	0.26	938.17	0	00:40	0.26
C7STM187	JUNCTION	0.05	0.21	937.98	0	00:40	0.21
C8STM188	JUNCTION	0.44	0.53	937.73	0	01:00	0.53
C8STM189	JUNCTION	0.17	0.27	937.77	0	00:46	0.27
CULV5002	JUNCTION	0.41	0.79	940.58	0	01:10	0.79
CULV5004	JUNCTION	0.29	0.61	940.10	0	01:10	0.61
CULV5158_Inlet	JUNCTION	0.56	0.77	937.78	0	01:13	0.77
CULV5159_Outlet	JUNCTION	0.72	0.96	937.77	0	01:13	0.96
CULV5170	JUNCTION	0.50	0.66	937.38	0	01:11	0.66
CULV5171	JUNCTION	0.56	0.70	937.21	0	01:12	0.70
CULV5178	JUNCTION	0.11	0.27	937.77	0	01:13	0.27
CULV5179	JUNCTION	0.00	0.00	937.85	0	00:00	0.00
CULV5207	JUNCTION	0.07	0.39	936.49	0	00:40	0.39
CULV5210	JUNCTION	0.12	0.49	937.31	0	00:42	0.49
CULV5252	JUNCTION	0.05	0.17	938.25	0	00:46	0.17
CULV5258	JUNCTION	0.39	0.65	938.88	0	00:46	0.65
CULV5259	JUNCTION	0.22	0.61	939.04	0	00:45	0.61
CULV5260	JUNCTION	0.37	0.65	939.66	0	00:52	0.65
CULV5262	JUNCTION	0.25	0.51	939.65	0	00:53	0.51
CULV5263	JUNCTION	0.44	0.71	939.64	0	00:52	0.71
CULV5287	JUNCTION	0.06	0.24	940.14	0	00:48	0.24
CULV5306	JUNCTION	0.19	0.50	938.88	0	00:49	0.50
CULV5307	JUNCTION	0.32	0.95	939.60	0	00:51	0.95
CULV5314	JUNCTION	0.40	0.63	937.75	0	00:51	0.63
CULV5315	JUNCTION	0.42	1.00	938.31	0	00:53	1.00
CULV5354	JUNCTION	0.18	0.54	939.03	0	00:46	0.54
CULV5385	JUNCTION	0.12	0.57	940.99	0	00:40	0.57
CULV5397	JUNCTION	0.10	0.35	939.54	0	00:45	0.35
CULV5415	JUNCTION	0.07	0.34	942.32	0	00:42	0.34
CULV5440	JUNCTION	0.02	0.18	936.97	0	00:40	0.18
CULV5444	JUNCTION	0.05	0.26	936.96	0	00:41	0.26
CULV5445	JUNCTION	0.15	0.20	936.71	0	00:40	0.20
CULV5446	JUNCTION	0.66	0.82	936.42	0	02:05	0.82
CULV5447	JUNCTION	0.74	0.96	936.62	0	02:02	0.96
CULV5450	JUNCTION	0.08	0.17	936.63	0	02:02	0.17
CULV5451	JUNCTION	0.05	0.19	936.74	0	00:40	0.19
CULV5452	JUNCTION	0.56	0.77	936.63	0	02:02	0.77
CULV5453	JUNCTION	1.02	1.42	937.28	0	02:20	1.42
CULV5454	JUNCTION	0.00	0.04	937.23	0	00:40	0.04
CULV5466	JUNCTION	0.09	0.24	938.47	0	00:48	0.24
CULV5467	JUNCTION	0.06	0.17	938.20	0	00:47	0.17
CULV5471	JUNCTION	0.00	0.00	953.13	0	00:00	0.00
CULV5472	JUNCTION	0.00	0.00	952.71	0	00:00	0.00
CULV5474_Outlet	JUNCTION	0.25	0.44	945.92	0	00:49	0.44
CULV5475_Inlet	JUNCTION	0.30	0.40	946.18	0	01:17	0.40
CULV5479	JUNCTION	0.00	0.00	954.87	0	00:00	0.00
CULV5481	JUNCTION	0.05	0.29	952.90	0	00:45	0.29
CULV5484	JUNCTION	0.13	0.41	952.72	0	00:52	0.41

CULV5485	JUNCTION	0.05	0.18	951.64	0	00:56	0.18
CULV5504	JUNCTION	0.03	0.07	936.24	0	01:11	0.07
CULV5505	JUNCTION	0.09	0.19	936.82	0	01:05	0.19
CULV5537	JUNCTION	0.03	0.10	986.99	0	00:42	0.10
CULV5538	JUNCTION	0.05	0.23	991.36	0	00:40	0.23
D12STM255	JUNCTION	0.39	1.85	964.58	0	00:57	1.85
D13STM250	JUNCTION	0.38	1.66	967.51	0	00:45	1.66
D13STM251	JUNCTION	0.52	2.31	966.91	0	00:57	2.31
D14STM243	JUNCTION	0.27	1.19	969.18	0	00:40	1.19
D14STM244	JUNCTION	0.36	1.54	969.43	0	00:41	1.54
D14STM245	JUNCTION	0.47	2.84	974.00	0	00:48	2.84
D14STM246	JUNCTION	0.44	3.10	974.89	0	00:48	3.10
D14STM247	JUNCTION	0.38	1.65	971.43	0	00:50	1.65
D14STM248	JUNCTION	0.10	1.35	973.33	0	00:40	1.35
D14STM249	JUNCTION	0.37	1.54	969.46	0	00:41	1.54
F14STM271	JUNCTION	0.05	0.84	978.05	0	00:41	0.84
F14STM272	JUNCTION	0.03	0.17	974.26	0	00:41	0.17
F14STM273	JUNCTION	0.04	0.20	973.30	0	00:41	0.20
F14STM59	JUNCTION	0.04	0.19	971.60	0	00:40	0.19
F14STM60	JUNCTION	0.05	0.29	968.39	0	00:40	0.29
F14STM61	JUNCTION	0.06	0.40	963.63	0	00:40	0.40
F8STM265	JUNCTION	1.33	2.89	940.20	0	00:47	2.89
F8STM266	JUNCTION	0.85	1.96	939.21	0	01:11	1.96
F8STM270	JUNCTION	1.03	2.01	938.50	0	01:44	2.01
F9STM259	JUNCTION	0.42	1.27	941.08	0	00:41	1.27
F9STM264	JUNCTION	1.00	2.38	940.00	0	00:40	2.28
G14STM62	JUNCTION	0.07	0.98	960.78	0	00:40	0.98
G14STM63	JUNCTION	0.09	1.28	959.28	0	00:41	1.28
G14STM64	JUNCTION	0.09	1.02	956.67	0	00:42	1.02
G14STM65	JUNCTION	0.15	0.58	954.04	0	00:45	0.58
G14STM66	JUNCTION	1.25	1.72	957.33	0	01:05	1.72
G14STM67	JUNCTION	1.55	2.54	957.97	0	01:04	2.54
G14STM68	JUNCTION	1.83	2.84	957.97	0	01:07	2.84
G14STM71	JUNCTION	0.28	1.21	958.47	0	00:45	1.21
G14STM72	JUNCTION	0.14	0.52	958.91	0	00:45	0.52
G14STM73	JUNCTION	0.02	0.11	961.79	0	00:40	0.11
G14STM74	JUNCTION	0.13	0.51	960.23	0	00:44	0.51
G14STM75	JUNCTION	0.13	0.47	963.11	0	00:44	0.47
G14STM76	JUNCTION	0.13	0.48	965.53	0	00:43	0.48
G7STM261	JUNCTION	1.41	2.53	938.43	0	01:48	2.53
G7STM262	JUNCTION	2.09	3.48	938.43	0	01:48	3.48
G8STM260	JUNCTION	1.35	2.45	938.43	0	01:49	2.45
G8STM269	JUNCTION	1.31	2.40	938.43	0	01:49	2.40
GCMH1	JUNCTION	0.06	0.91	945.12	0	00:40	0.91
GCMH10	JUNCTION	0.00	0.00	970.21	0	00:00	0.00
GCMH100	JUNCTION	0.04	0.28	988.39	0	00:40	0.28
GCMH101	JUNCTION	0.13	1.22	986.98	0	00:45	1.22
GCMH102	JUNCTION	0.00	0.09	984.08	0	00:40	0.09
GCMH107	JUNCTION	0.17	0.92	949.02	0	00:44	0.92
GCMH108	JUNCTION	0.04	0.17	949.25	0	00:40	0.17
GCMH109	JUNCTION	0.18	2.19	944.27	0	00:43	2.19
GCMH11	JUNCTION	0.00	0.00	970.73	0	00:00	0.00
GCMH110	JUNCTION	0.10	0.57	976.28	0	00:40	0.57
GCMH111	JUNCTION	0.44	2.11	979.94	0	00:44	2.11
GCMH114	JUNCTION	0.00	0.00	980.39	0	00:00	0.00
GCMH115	JUNCTION	0.00	0.00	978.62	0	00:00	0.00
GCMH116	JUNCTION	0.00	0.00	966.77	0	00:00	0.00
GCMH117	JUNCTION	0.00	0.00	971.39	0	00:00	0.00
GCMH118	JUNCTION	0.00	0.00	969.60	0	00:00	0.00
GCMH119	JUNCTION	0.00	0.00	967.80	0	00:00	0.00
GCMH12	JUNCTION	0.00	0.00	970.48	0	00:00	0.00
GCMH120	JUNCTION	0.00	0.00	967.58	0	00:00	0.00
GCMH121	JUNCTION	0.07	0.08	965.46	0	02:30	0.08
GCMH122	JUNCTION	0.03	0.04	973.33	0	02:27	0.04
GCMH123	JUNCTION	0.03	0.14	952.81	0	00:40	0.14
GCMH124	JUNCTION	0.04	0.24	952.72	0	00:53	0.24
GCMH125	JUNCTION	0.10	0.37	952.72	0	00:53	0.37
GCMH126	JUNCTION	0.00	0.07	952.72	0	00:53	0.07
GCMH127	JUNCTION	0.02	0.07	976.59	0	00:39	0.07
GCMH129	JUNCTION	0.03	0.13	980.98	0	00:41	0.13
GCMH13	JUNCTION	0.00	0.00	968.87	0	00:00	0.00
GCMH131	JUNCTION	0.46	1.67	980.98	0	01:00	1.67
GCMH132	JUNCTION	0.15	2.37	949.17	0	00:41	2.37
GCMH133	JUNCTION	0.02	0.11	982.89	0	00:40	0.11
GCMH134	JUNCTION	0.05	0.27	988.22	0	00:40	0.27

GCMH135	JUNCTION	0.13	1.18	987.69	0	00:44	1.18
GCMH136	JUNCTION	0.06	0.41	980.04	0	00:40	0.41
GCMH137	JUNCTION	0.05	0.30	982.04	0	00:40	0.30
GCMH138	JUNCTION	0.05	0.68	983.86	0	00:40	0.68
GCMH139	JUNCTION	0.02	0.13	984.08	0	00:40	0.13
GCMH14	JUNCTION	0.00	0.00	967.96	0	00:00	0.00
GCMH140	JUNCTION	0.23	0.32	955.11	0	01:00	0.32
GCMH141	JUNCTION	0.04	0.31	984.03	0	00:40	0.31
GCMH142	JUNCTION	0.20	1.97	989.09	0	00:43	1.97
GCMH143	JUNCTION	0.16	1.91	989.60	0	00:42	1.91
GCMH144	JUNCTION	0.18	1.99	990.36	0	00:47	1.99
GCMH145	JUNCTION	0.09	0.85	949.07	0	00:44	0.85
GCMH146	JUNCTION	0.10	1.02	949.77	0	00:45	1.02
GCMH147	JUNCTION	0.17	2.15	951.10	0	00:41	2.15
GCMH148	JUNCTION	0.08	0.12	952.95	0	01:00	0.12
GCMH149	JUNCTION	0.80	1.47	978.97	0	00:45	1.47
GCMH15	JUNCTION	0.00	0.00	968.07	0	00:00	0.00
GCMH150	JUNCTION	0.09	0.74	979.28	0	00:44	0.74
GCMH151	JUNCTION	0.08	1.18	983.54	0	00:42	1.18
GCMH152	JUNCTION	0.02	0.32	983.59	0	00:42	0.32
GCMH153	JUNCTION	0.02	0.08	980.18	0	00:41	0.08
GCMH154	JUNCTION	0.03	0.30	983.61	0	00:42	0.30
GCMH155	JUNCTION	0.11	0.86	978.19	0	00:42	0.86
GCMH156	JUNCTION	0.12	1.69	982.21	0	00:43	1.69
GCMH157	JUNCTION	0.24	1.10	977.33	0	00:45	1.10
GCMH158	JUNCTION	0.14	0.98	977.65	0	00:44	0.98
GCMH159	JUNCTION	0.06	0.32	982.64	0	00:40	0.32
GCMH16	JUNCTION	0.06	0.07	973.60	0	02:26	0.07
GCMH160	JUNCTION	0.05	0.29	982.75	0	00:40	0.29
GCMH17	JUNCTION	0.32	0.55	966.84	0	01:06	0.44
GCMH18	JUNCTION	0.48	0.64	966.74	0	01:06	0.63
GCMH19	JUNCTION	0.57	0.73	966.72	0	02:29	0.73
GCMH2	JUNCTION	0.00	0.00	953.05	0	00:00	0.00
GCMH20	JUNCTION	1.10	1.31	966.72	0	02:29	1.31
GCMH21	JUNCTION	1.76	1.98	965.59	0	02:30	1.98
GCMH22	JUNCTION	1.72	5.73	970.53	0	00:00	1.92
GCMH23	JUNCTION	1.59	3.47	968.39	0	00:01	2.65
GCMH24	JUNCTION	0.64	1.11	967.03	0	01:01	0.81
GCMH25	JUNCTION	0.00	0.00	967.08	0	00:00	0.00
GCMH26	JUNCTION	0.00	0.00	967.26	0	00:00	0.00
GCMH27	JUNCTION	0.00	0.00	970.82	0	00:00	0.00
GCMH28	JUNCTION	0.00	0.00	967.04	0	00:00	0.00
GCMH29	JUNCTION	0.00	0.00	970.14	0	00:00	0.00
GCMH3	JUNCTION	0.13	1.65	940.73	0	00:45	1.65
GCMH30	JUNCTION	0.00	0.00	967.11	0	00:00	0.00
GCMH31	JUNCTION	0.02	0.05	966.72	0	02:32	0.05
GCMH32	JUNCTION	0.15	1.76	943.16	0	00:42	1.76
GCMH33	JUNCTION	0.04	0.18	979.36	0	00:40	0.18
GCMH34	JUNCTION	0.02	0.17	975.86	0	00:40	0.17
GCMH35	JUNCTION	0.23	1.48	985.14	0	00:45	1.48
GCMH36	JUNCTION	1.16	3.48	984.21	0	00:43	3.48
GCMH37	JUNCTION	1.03	3.25	982.23	0	00:44	3.25
GCMH38	JUNCTION	1.55	3.49	979.94	0	00:44	3.49
GCMH39	JUNCTION	0.02	0.16	975.48	0	00:40	0.16
GCMH40	JUNCTION	0.14	0.75	975.83	0	00:41	0.75
GCMH41	JUNCTION	1.20	1.51	975.16	0	00:41	1.51
GCMH42	JUNCTION	0.64	0.95	973.41	0	00:41	0.95
GCMH43	JUNCTION	0.06	0.25	975.90	0	00:42	0.25
GCMH44	JUNCTION	0.04	0.33	975.10	0	00:40	0.33
GCMH46	JUNCTION	0.52	3.04	974.83	0	00:48	3.03
GCMH47	JUNCTION	0.09	0.95	974.00	0	00:39	0.95
GCMH48	JUNCTION	0.03	0.22	975.54	0	00:40	0.22
GCMH49	JUNCTION	0.04	0.31	974.10	0	00:40	0.31
GCMH5	JUNCTION	0.01	0.10	950.12	0	00:40	0.10
GCMH50	JUNCTION	0.37	1.77	976.56	0	00:47	1.77
GCMH51	JUNCTION	0.03	0.63	983.57	0	00:42	0.63
GCMH52	JUNCTION	0.08	0.83	983.77	0	00:41	0.83
GCMH54	JUNCTION	0.13	1.90	990.36	0	00:47	1.90
GCMH55	JUNCTION	0.20	2.75	945.86	0	00:45	2.75
GCMH56	JUNCTION	0.35	0.83	939.37	0	00:57	0.83
GCMH57	JUNCTION	0.20	0.46	938.76	0	00:59	0.46
GCMH58	JUNCTION	0.12	1.64	943.21	0	00:42	1.64
GCMH6	JUNCTION	0.14	1.09	965.12	0	00:40	1.09
GCMH60	JUNCTION	0.29	0.38	962.48	0	00:58	0.38
GCMH61	JUNCTION	0.17	1.80	943.52	0	00:43	1.80

GCMH62	JUNCTION	0.07	0.43	971.34	0	00:40	0.43
GCMH63	JUNCTION	0.23	1.13	940.01	0	00:41	0.75
GCMH64	JUNCTION	0.06	0.28	952.72	0	00:53	0.28
GCMH65	JUNCTION	0.34	0.38	946.67	0	01:51	0.38
GCMH66	JUNCTION	0.99	1.25	948.54	0	01:33	1.25
GCMH67	JUNCTION	0.11	0.89	959.91	0	00:41	0.79
GCMH68	JUNCTION	0.12	0.93	959.76	0	00:41	0.78
GCMH69	JUNCTION	0.13	1.87	961.59	0	00:40	1.13
GCMH7	JUNCTION	0.00	0.00	979.62	0	00:00	0.00
GCMH70	JUNCTION	0.10	2.02	961.34	0	00:41	0.70
GCMH71	JUNCTION	0.45	1.70	962.50	0	00:46	1.70
GCMH72	JUNCTION	0.09	1.80	962.88	0	00:42	0.90
GCMH73	JUNCTION	0.01	0.15	962.00	0	00:48	0.15
GCMH74	JUNCTION	0.04	1.64	967.17	0	00:39	0.89
GCMH75	JUNCTION	0.02	0.18	965.15	0	00:40	0.18
GCMH76	JUNCTION	0.14	1.22	962.32	0	00:46	1.22
GCMH77	JUNCTION	0.28	0.45	948.22	0	00:42	0.45
GCMH78	JUNCTION	0.14	0.61	940.13	0	00:56	0.61
GCMH79	JUNCTION	0.26	0.71	939.74	0	00:41	0.71
GCMH8	JUNCTION	0.00	0.00	976.61	0	00:00	0.00
GCMH80	JUNCTION	0.50	0.69	937.79	0	01:14	0.69
GCMH81	JUNCTION	1.50	1.83	948.52	0	01:35	1.82
GCMH82	JUNCTION	0.26	0.30	946.79	0	02:20	0.30
GCMH83	JUNCTION	0.10	0.11	967.55	0	02:00	0.11
GCMH84	JUNCTION	0.64	0.85	969.50	0	02:06	0.85
GCMH85	JUNCTION	0.68	0.85	969.49	0	02:06	0.85
GCMH86	JUNCTION	0.27	0.39	973.21	0	01:56	0.39
GCMH87	JUNCTION	0.07	0.29	973.61	0	00:48	0.29
GCMH88	JUNCTION	0.41	0.52	946.53	0	01:37	0.52
GCMH9	JUNCTION	0.00	0.00	974.00	0	00:00	0.00
GCMH91	JUNCTION	0.07	0.22	943.41	0	00:40	0.22
GCMH92	JUNCTION	0.22	0.61	939.41	0	00:57	0.61
GCMH93	JUNCTION	0.40	0.59	937.78	0	01:13	0.59
GCMH94	JUNCTION	0.00	0.00	952.22	0	00:00	0.00
GCMH95	JUNCTION	0.04	1.06	972.32	0	00:40	1.06
GCMH96	JUNCTION	0.04	0.33	974.89	0	00:40	0.33
GCMH97	JUNCTION	0.03	2.91	945.80	0	00:40	0.64
GCMH98	JUNCTION	0.08	0.25	946.58	0	00:57	0.25
GCMH99	JUNCTION	0.09	0.76	977.27	0	00:43	0.76
H11STM1499	JUNCTION	0.16	1.43	944.83	0	00:45	1.43
H11STM1500	JUNCTION	0.21	1.37	944.47	0	00:45	1.37
H12STM1492	JUNCTION	0.14	1.40	945.04	0	00:45	1.40
H12STM1493	JUNCTION	0.09	1.09	945.10	0	00:45	1.09
H12STM1495	JUNCTION	0.06	0.85	945.11	0	00:46	0.85
H12STM1498	JUNCTION	0.11	1.31	945.45	0	00:44	1.31
H12STM1505	JUNCTION	0.07	0.72	944.07	0	00:45	0.72
H12STM1506	JUNCTION	0.20	0.98	944.02	0	00:45	0.98
H12STM1537	JUNCTION	0.07	1.12	945.92	0	00:45	1.12
H13STM1494	JUNCTION	0.02	0.12	946.50	0	00:40	0.12
H13STM1519	JUNCTION	0.31	2.91	953.94	0	00:46	2.91
H13STM1531	JUNCTION	0.08	0.94	947.84	0	00:40	0.94
H13STM1532	JUNCTION	0.16	1.26	947.66	0	00:46	1.26
H13STM1533	JUNCTION	0.14	1.20	947.06	0	00:47	1.20
H13STM2276	JUNCTION	0.19	1.62	948.41	0	00:46	1.62
H14STM1518	JUNCTION	0.11	1.41	953.35	0	00:44	1.41
H14STM69	JUNCTION	0.02	0.13	958.10	0	00:40	0.13
H14STM70	JUNCTION	0.02	0.15	960.99	0	00:40	0.15
H7STM133	JUNCTION	0.42	0.98	939.01	0	00:51	0.98
H8STM134	JUNCTION	0.28	1.12	939.35	0	00:48	1.12
H8STM135	JUNCTION	0.22	1.15	939.47	0	00:47	1.15
H8STM136	JUNCTION	0.16	1.31	939.89	0	00:46	1.31
H8STM137	JUNCTION	0.15	1.37	940.20	0	00:45	1.37
H9STM138	JUNCTION	0.19	1.49	940.71	0	00:41	1.49
HPMH1	JUNCTION	0.08	0.26	939.06	0	00:41	0.26
HPMH10	JUNCTION	0.13	1.58	941.54	0	00:38	1.24
HPMH11	JUNCTION	0.44	2.17	939.43	0	00:41	2.17
HPMH12	JUNCTION	0.91	2.25	938.98	0	00:39	2.25
HPMH13	JUNCTION	0.19	1.59	938.59	0	00:38	1.21
HPMH14	JUNCTION	0.27	0.49	937.37	0	00:39	0.45
HPMH15	JUNCTION	0.49	0.69	937.29	0	02:21	0.69
HPMH16	JUNCTION	0.39	0.81	941.49	0	00:54	0.81
HPMH17	JUNCTION	0.29	0.56	937.45	0	00:41	0.51
HPMH18	JUNCTION	0.20	0.38	937.39	0	00:41	0.38
HPMH19	JUNCTION	0.10	0.40	937.51	0	00:40	0.40
HPMH2	JUNCTION	0.56	1.01	937.99	0	01:09	1.01

HPMH20	JUNCTION	0.93	2.42	939.12	0	00:39	2.18
HPMH21	JUNCTION	0.20	2.07	939.59	0	00:42	0.71
HPMH22	JUNCTION	0.43	0.91	938.91	0	00:56	0.91
HPMH23	JUNCTION	0.61	0.91	937.56	0	01:12	0.91
HPMH25	JUNCTION	1.11	2.07	938.54	0	00:38	1.48
HPMH26	JUNCTION	0.45	0.94	938.84	0	00:56	0.94
HPMH28	JUNCTION	0.47	0.85	940.10	0	00:46	0.85
HPMH29	JUNCTION	0.64	1.23	938.31	0	01:06	1.23
HPMH3	JUNCTION	0.59	1.17	938.32	0	01:06	1.17
HPMH33	JUNCTION	0.06	0.33	938.03	0	00:39	0.32
HPMH34	JUNCTION	0.07	0.34	937.91	0	01:10	0.34
HPMH36	JUNCTION	0.68	1.07	937.63	0	01:13	1.07
HPMH37	JUNCTION	0.30	0.39	937.88	0	02:35	0.39
HPMH38	JUNCTION	0.46	0.84	938.14	0	01:09	0.83
HPMH39	JUNCTION	0.54	0.97	937.91	0	01:10	0.97
HPMH4	JUNCTION	0.34	0.71	938.49	0	00:58	0.71
HPMH40	JUNCTION	0.12	0.30	937.46	0	01:13	0.30
HPMH41	JUNCTION	0.51	0.75	937.29	0	02:21	0.75
HPMH42	JUNCTION	0.63	1.00	937.63	0	01:12	1.00
HPMH43	JUNCTION	0.10	0.27	937.87	0	00:51	0.27
HPMH44	JUNCTION	0.22	0.46	939.36	0	00:53	0.46
HPMH45	JUNCTION	0.72	0.91	936.41	0	02:05	0.91
HPMH46	JUNCTION	0.35	0.44	935.63	0	02:05	0.44
HPMH47	JUNCTION	1.01	1.41	937.29	0	02:20	1.41
HPMH48	JUNCTION	0.37	1.22	938.91	0	01:05	1.22
HPMH49	JUNCTION	0.61	1.03	937.77	0	01:11	1.03
HPMH5	JUNCTION	0.53	0.98	938.04	0	01:08	0.98
HPMH51	JUNCTION	0.69	0.89	937.30	0	02:19	0.89
HPMH6	JUNCTION	0.63	1.22	938.30	0	01:06	1.22
HPMH7	JUNCTION	0.09	0.94	938.98	0	00:56	0.48
HPMH8	JUNCTION	0.09	1.05	939.29	0	00:40	1.05
HPMH9	JUNCTION	0.15	0.87	938.71	0	00:40	0.87
I10STM144	JUNCTION	0.26	1.16	941.00	0	00:42	1.16
I10STM145	JUNCTION	0.26	1.21	941.02	0	00:40	1.21
I10STM146	JUNCTION	0.31	1.32	940.99	0	00:40	1.32
I10STM147	JUNCTION	0.35	1.37	940.90	0	00:40	1.37
I10STM93	JUNCTION	0.34	1.74	941.82	0	00:41	1.74
I10STM94	JUNCTION	0.34	1.69	941.57	0	00:53	1.69
I10STM95	JUNCTION	0.36	1.84	941.56	0	00:53	1.84
I11STM1501	JUNCTION	0.26	1.36	944.36	0	00:45	1.36
I11STM153	JUNCTION	0.58	1.81	945.14	0	01:03	1.81
I11STM154	JUNCTION	0.59	1.95	944.91	0	01:06	1.95
I11STM92	JUNCTION	0.33	2.03	942.24	0	00:40	2.03
I12STM1471	JUNCTION	0.20	1.49	945.19	0	00:47	1.49
I12STM1472	JUNCTION	0.03	1.81	946.60	0	00:43	0.55
I12STM1473	JUNCTION	0.20	1.47	945.34	0	00:47	1.47
I12STM1481	JUNCTION	0.65	2.11	944.56	0	00:48	2.11
I12STM1483	JUNCTION	0.17	1.35	944.84	0	00:46	1.35
I12STM1484	JUNCTION	0.82	2.28	944.52	0	00:49	2.28
I12STM1485	JUNCTION	0.98	2.34	944.39	0	00:49	2.34
I12STM1486	JUNCTION	0.23	1.60	944.77	0	00:47	1.60
I12STM1487	JUNCTION	0.15	1.33	944.81	0	00:47	1.33
I12STM1488	JUNCTION	0.46	1.43	944.08	0	00:46	1.43
I12STM1489	JUNCTION	0.22	1.20	944.27	0	00:47	1.20
I12STM1502	JUNCTION	0.35	1.31	944.13	0	00:45	1.31
I12STM1503	JUNCTION	0.46	1.32	943.95	0	00:46	1.32
I12STM1504	JUNCTION	0.29	1.09	943.95	0	00:46	1.09
I12STM1507	JUNCTION	0.58	3.65	946.15	0	00:38	1.46
I12STM1508	JUNCTION	0.69	1.42	943.77	0	00:46	1.42
I12STM1511	JUNCTION	0.28	2.32	945.30	0	00:40	0.98
I12STM1513	JUNCTION	0.80	3.06	945.27	0	00:38	2.34
I12STM1514	JUNCTION	0.89	2.37	944.48	0	00:40	1.91
I12STM1515	JUNCTION	1.00	2.21	944.21	0	00:48	2.21
I13STM1474	JUNCTION	0.19	1.44	945.79	0	00:47	1.44
I13STM1475	JUNCTION	0.17	1.38	946.11	0	00:47	1.38
I13STM1476	JUNCTION	0.09	1.37	946.67	0	00:41	1.37
I13STM1477	JUNCTION	0.04	2.39	947.14	0	00:39	0.60
I13STM1478	JUNCTION	0.13	1.05	945.25	0	00:46	1.05
I13STM1479	JUNCTION	0.19	1.28	944.73	0	00:47	1.28
I13STM1480	JUNCTION	0.24	1.53	944.67	0	00:48	1.53
I13STM1482	JUNCTION	0.18	1.92	945.82	0	00:42	1.92
I13STM1496	JUNCTION	0.08	0.81	945.34	0	00:46	0.81
I13STM1497	JUNCTION	0.16	1.95	945.98	0	00:41	1.95
I13STM1525	JUNCTION	0.21	1.84	948.83	0	00:45	1.84
I13STM1526	JUNCTION	0.05	0.56	948.19	0	00:40	0.56

I13STM1527	JUNCTION	0.05	0.29	947.22	0	00:40	0.29
I13STM1534	JUNCTION	0.19	1.46	946.82	0	00:47	1.46
I13STM1536	JUNCTION	0.18	1.46	946.69	0	00:47	1.46
I14STM1517	JUNCTION	0.10	1.31	953.55	0	00:44	1.31
I14STM1520	JUNCTION	0.07	0.48	950.68	0	00:44	0.48
I14STM1521	JUNCTION	0.19	0.87	950.70	0	00:41	0.87
I14STM1522	JUNCTION	0.03	0.15	949.42	0	00:40	0.15
I14STM1524	JUNCTION	0.01	0.07	949.88	0	00:40	0.07
I14STM1528	JUNCTION	0.03	0.21	947.31	0	00:40	0.21
I14STM1529	JUNCTION	0.03	0.15	947.76	0	00:40	0.15
I14STM1530	JUNCTION	0.06	0.36	946.57	0	00:40	0.36
I7STM125	JUNCTION	0.26	0.81	938.38	0	01:04	0.81
I7STM128	JUNCTION	0.17	0.71	938.46	0	00:43	0.71
I7STM129	JUNCTION	0.13	0.66	938.51	0	00:41	0.66
I8STM100	JUNCTION	0.62	1.62	939.46	0	01:00	1.62
I8STM101	JUNCTION	0.44	1.37	939.53	0	00:41	1.36
I8STM102	JUNCTION	0.47	1.42	939.52	0	00:41	1.42
I8STM103	JUNCTION	0.35	1.24	939.60	0	00:38	1.16
I8STM104	JUNCTION	0.66	1.64	939.40	0	01:01	1.64
I8STM106	JUNCTION	0.79	1.65	939.21	0	01:02	1.65
I8STM111	JUNCTION	0.56	1.62	939.57	0	00:46	1.56
I8STM128	JUNCTION	0.05	0.35	938.49	0	00:44	0.35
I8STM130	JUNCTION	0.26	0.96	939.21	0	00:40	0.96
I8STM131	JUNCTION	0.03	0.29	938.55	0	00:42	0.29
I8STM132	JUNCTION	0.10	0.56	938.52	0	00:41	0.56
I8STM140	JUNCTION	0.44	1.44	940.00	0	00:56	1.44
I8STM141	JUNCTION	0.49	1.64	940.00	0	00:56	1.64
I8STM142	JUNCTION	0.52	2.16	940.37	0	00:36	1.67
I8STM151	JUNCTION	0.10	0.75	939.27	0	00:42	0.75
I8STM152	JUNCTION	0.20	0.96	939.28	0	00:40	0.96
I8STM99	JUNCTION	0.59	1.74	939.79	0	00:56	1.74
I9STM139	JUNCTION	0.28	1.53	940.79	0	00:40	1.53
I9STM143	JUNCTION	0.36	1.84	941.44	0	00:49	1.84
I9STM148	JUNCTION	0.44	1.50	940.77	0	00:56	1.50
I9STM149	JUNCTION	0.34	1.30	940.80	0	00:56	1.30
I9STM150	JUNCTION	0.39	1.37	940.54	0	00:35	1.37
I9STM96	JUNCTION	0.40	2.02	941.27	0	00:50	2.02
I9STM97	JUNCTION	0.41	1.88	940.81	0	00:50	1.88
I9STM98	JUNCTION	0.39	1.65	940.40	0	00:43	1.65
J1	JUNCTION	0.71	1.23	931.27	0	02:02	1.23
J10	JUNCTION	0.41	0.76	942.06	0	01:03	0.76
J100	JUNCTION	0.06	0.12	950.14	0	00:40	0.12
J101	JUNCTION	0.20	0.38	947.68	0	00:48	0.38
J102	JUNCTION	0.15	0.26	947.96	0	00:41	0.26
J103	JUNCTION	0.56	1.79	947.34	0	00:51	1.79
J104	JUNCTION	0.21	0.53	953.14	0	00:45	0.53
J105	JUNCTION	0.22	0.60	953.54	0	00:45	0.60
J106	JUNCTION	0.58	1.67	947.02	0	00:58	1.67
J107	JUNCTION	0.05	1.36	978.35	0	00:38	0.99
J108	JUNCTION	0.17	0.90	937.26	0	00:36	0.90
J109	JUNCTION	0.08	1.22	976.53	0	00:41	1.22
J10STM1873	JUNCTION	0.37	1.87	940.69	0	00:44	1.87
J10STM1874	JUNCTION	0.25	1.48	940.65	0	00:51	1.48
J10STM1875	JUNCTION	0.19	1.40	941.03	0	00:41	1.40
J10STM1876	JUNCTION	0.34	2.06	941.09	0	00:42	2.06
J10STM1877	JUNCTION	0.24	1.98	941.18	0	00:41	1.98
J11	JUNCTION	0.43	0.74	942.23	0	00:48	0.74
J110	JUNCTION	0.16	2.74	969.01	0	00:45	2.74
J111	JUNCTION	0.02	0.14	976.08	0	00:40	0.14
J112	JUNCTION	0.03	0.18	972.39	0	00:40	0.18
J113	JUNCTION	0.02	0.12	967.23	0	00:40	0.12
J114	JUNCTION	0.16	2.30	964.17	0	00:46	2.30
J115	JUNCTION	0.35	4.31	960.46	0	00:47	4.31
J116	JUNCTION	0.87	1.97	954.14	0	00:41	1.97
J119	JUNCTION	0.57	1.52	950.30	0	00:46	1.52
J11STM155	JUNCTION	0.54	1.67	943.64	0	01:06	1.67
J11STM156	JUNCTION	0.51	1.42	942.93	0	01:06	1.42
J11STM157	JUNCTION	0.59	1.13	942.05	0	01:04	1.13
J12	JUNCTION	0.39	0.64	942.30	0	00:49	0.64
J120	JUNCTION	0.64	2.11	950.15	0	00:44	2.05
J121	JUNCTION	0.39	1.56	948.11	0	00:52	1.56
J122	JUNCTION	0.12	0.76	948.28	0	00:42	0.76
J123	JUNCTION	0.51	0.98	947.73	0	01:15	0.98
J125	JUNCTION	0.25	1.89	948.11	0	00:50	1.89
J126	JUNCTION	0.27	2.01	948.08	0	00:50	2.01

J127	JUNCTION	0.29	2.16	948.02	0	00:50	2.16
J128	JUNCTION	0.26	2.07	948.18	0	00:49	2.07
J129	JUNCTION	0.19	1.73	948.03	0	00:50	1.73
J13	JUNCTION	0.39	0.57	942.43	0	00:49	0.57
J130	JUNCTION	0.64	1.32	948.04	0	00:50	1.32
J131	JUNCTION	0.02	0.11	952.13	0	00:40	0.11
J132	JUNCTION	0.03	0.45	951.35	0	00:41	0.45
J133	JUNCTION	0.09	1.48	951.18	0	00:41	1.48
J134	JUNCTION	0.20	2.56	950.79	0	00:43	2.56
J135	JUNCTION	0.00	0.08	949.36	0	00:47	0.08
J136	JUNCTION	0.12	1.56	949.34	0	00:47	1.56
J137	JUNCTION	0.15	3.25	951.35	0	00:37	1.95
J138	JUNCTION	0.27	2.34	948.74	0	00:46	2.34
J139	JUNCTION	0.02	0.34	948.13	0	00:51	0.34
J14	JUNCTION	0.32	0.64	939.74	0	00:53	0.64
J140	JUNCTION	0.01	0.38	955.53	0	00:03	0.36
J141	JUNCTION	0.37	0.73	955.40	0	00:03	0.73
J142	JUNCTION	0.55	2.42	956.83	0	00:02	1.80
J143	JUNCTION	0.14	0.39	956.15	0	00:40	0.39
J144	JUNCTION	0.13	0.39	958.83	0	00:40	0.39
J145	JUNCTION	0.11	0.25	962.81	0	00:40	0.25
J146	JUNCTION	0.11	0.14	965.66	0	00:40	0.14
J147	JUNCTION	0.11	0.13	968.93	0	00:40	0.13
J148	JUNCTION	0.01	0.06	966.49	0	00:40	0.06
J149	JUNCTION	0.07	1.32	962.22	0	00:44	1.32
J15	JUNCTION	0.10	0.36	942.46	0	00:53	0.36
J150	JUNCTION	0.06	2.52	963.71	0	00:40	1.85
J151	JUNCTION	0.22	3.13	962.19	0	00:43	3.13
J152	JUNCTION	0.20	2.23	959.21	0	00:46	2.23
J153	JUNCTION	0.07	0.78	981.73	0	00:41	0.78
J154	JUNCTION	0.06	0.46	980.00	0	00:40	0.46
J155	JUNCTION	1.00	1.24	939.74	0	02:24	1.24
J156	JUNCTION	1.02	1.23	939.71	0	00:55	1.23
J157	JUNCTION	1.10	1.36	939.76	0	00:55	1.36
J16	JUNCTION	0.05	0.23	949.63	0	00:40	0.23
J17	JUNCTION	0.06	0.16	941.18	0	00:51	0.16
J18	JUNCTION	0.45	0.69	937.29	0	02:20	0.69
J183	JUNCTION	0.44	2.39	937.65	0	00:45	2.39
J184	JUNCTION	0.33	2.16	937.79	0	00:50	2.16
J185	JUNCTION	0.50	2.38	937.74	0	00:45	2.38
J186	JUNCTION	0.49	2.46	937.63	0	00:45	2.46
J188	JUNCTION	0.49	2.34	937.80	0	00:45	2.34
J189	JUNCTION	0.50	2.34	937.81	0	00:45	2.34
J19	JUNCTION	0.01	0.09	981.47	0	00:40	0.09
J190	JUNCTION	0.51	2.33	937.83	0	00:45	2.33
J2	JUNCTION	0.43	0.84	940.04	0	01:10	0.84
J20	JUNCTION	0.21	0.24	968.18	0	02:05	0.24
J206	JUNCTION	0.38	1.03	937.61	0	01:08	1.03
J207	JUNCTION	0.41	1.13	937.61	0	01:08	1.13
J208	JUNCTION	0.40	1.19	937.62	0	01:07	1.19
J209	JUNCTION	0.44	1.40	937.69	0	00:42	1.40
J21	JUNCTION	0.16	0.20	972.80	0	02:03	0.20
J210	JUNCTION	0.44	1.72	937.84	0	00:42	1.72
J211	JUNCTION	0.45	1.87	937.89	0	00:45	1.87
J212	JUNCTION	0.46	2.02	937.90	0	00:45	2.02
J213	JUNCTION	0.48	2.11	937.90	0	00:45	2.11
J214	JUNCTION	0.47	2.19	937.90	0	00:45	2.19
J215	JUNCTION	0.50	2.29	937.86	0	00:45	2.29
J22	JUNCTION	0.21	0.30	969.16	0	00:45	0.30
J224	JUNCTION	0.04	0.23	983.05	0	00:40	0.23
J225	JUNCTION	0.05	0.31	981.26	0	00:40	0.31
J226	JUNCTION	0.06	0.42	978.50	0	00:40	0.42
J227	JUNCTION	0.07	0.45	977.50	0	00:40	0.45
J228	JUNCTION	0.11	0.79	976.38	0	00:40	0.79
J229	JUNCTION	0.09	0.68	977.45	0	00:40	0.68
J23	JUNCTION	0.00	0.00	973.83	0	00:00	0.00
J230	JUNCTION	0.08	0.62	977.61	0	00:40	0.62
J231	JUNCTION	0.08	0.48	977.82	0	00:41	0.48
J232	JUNCTION	0.41	0.68	982.91	0	00:40	0.68
J233	JUNCTION	0.03	0.16	984.75	0	00:40	0.16
J234	JUNCTION	0.10	0.79	975.21	0	00:41	0.79
J235	JUNCTION	0.02	0.12	975.76	0	00:40	0.12
J236	JUNCTION	1.46	1.78	973.29	0	00:01	1.75
J237	JUNCTION	0.29	0.75	973.46	0	00:40	0.75
J238	JUNCTION	0.13	0.78	973.84	0	00:40	0.78

J239	JUNCTION	1.77	3.80	974.97	0	00:00	1.89
J24	JUNCTION	0.13	1.00	937.69	0	00:47	1.00
J240	JUNCTION	0.03	0.24	957.97	0	00:40	0.23
J241	JUNCTION	0.08	0.64	956.51	0	00:40	0.64
J242	JUNCTION	0.07	0.53	955.87	0	00:40	0.53
J243	JUNCTION	0.10	0.57	956.15	0	00:40	0.57
J244	JUNCTION	0.15	1.83	958.32	0	00:42	1.83
J245	JUNCTION	0.06	0.32	958.92	0	00:40	0.32
J246	JUNCTION	0.05	0.30	960.92	0	00:40	0.30
J247	JUNCTION	0.06	0.60	962.37	0	00:40	0.60
J248	JUNCTION	2.27	4.80	957.40	0	00:00	4.47
J25	JUNCTION	0.03	0.83	945.85	0	00:44	0.36
J258	JUNCTION	0.00	0.00	977.25	0	00:00	0.00
J259	JUNCTION	0.02	0.14	976.21	0	00:40	0.14
J26	JUNCTION	0.10	1.36	945.85	0	00:45	1.36
J260	JUNCTION	0.03	0.22	974.79	0	00:40	0.22
J261	JUNCTION	0.05	0.41	968.91	0	00:40	0.41
J262	JUNCTION	0.08	0.50	965.84	0	00:39	0.50
J263	JUNCTION	0.05	0.28	966.06	0	00:40	0.28
J264	JUNCTION	0.06	0.66	966.73	0	00:40	0.66
J265	JUNCTION	0.00	0.00	966.87	0	00:00	0.00
J266	JUNCTION	0.00	0.00	978.06	0	00:00	0.00
J267	JUNCTION	0.13	0.16	970.58	0	02:04	0.16
J268	JUNCTION	0.00	0.00	977.60	0	00:00	0.00
J269	JUNCTION	0.02	0.12	982.86	0	00:40	0.12
J27	JUNCTION	0.20	1.00	937.59	0	00:47	1.00
J270	JUNCTION	0.00	0.00	979.58	0	00:00	0.00
J274	JUNCTION	0.47	1.01	941.89	0	01:05	1.00
J275	JUNCTION	0.38	2.19	946.68	0	00:53	2.19
J276	JUNCTION	0.31	1.65	945.57	0	00:52	1.65
J277	JUNCTION	0.09	0.85	945.50	0	00:51	0.85
J278	JUNCTION	0.13	1.11	945.46	0	00:50	1.11
J279	JUNCTION	0.26	1.54	945.46	0	00:49	1.54
J28	JUNCTION	0.26	1.00	937.50	0	00:46	1.00
J280	JUNCTION	0.28	1.55	945.33	0	00:50	1.55
J281	JUNCTION	0.33	1.72	945.05	0	00:51	1.72
J282	JUNCTION	0.34	1.70	945.30	0	00:51	1.70
J283	JUNCTION	0.14	2.04	946.18	0	00:41	1.15
J284	JUNCTION	0.14	1.07	945.06	0	00:51	1.07
J285	JUNCTION	0.43	1.89	944.73	0	00:50	1.89
J286	JUNCTION	0.66	4.66	947.12	0	00:39	2.15
J287	JUNCTION	0.19	1.87	945.44	0	00:41	1.87
J288	JUNCTION	0.26	1.43	944.64	0	00:48	1.43
J289	JUNCTION	0.41	2.38	947.03	0	00:52	2.38
J29	JUNCTION	0.53	1.53	939.52	0	01:25	1.53
J290	JUNCTION	0.56	1.89	944.42	0	00:48	1.89
J291	JUNCTION	0.64	1.99	944.42	0	00:49	1.99
J292	JUNCTION	0.32	1.67	944.72	0	00:57	1.67
J293	JUNCTION	0.30	1.62	944.72	0	00:52	1.62
J294	JUNCTION	0.10	1.08	946.68	0	00:53	1.08
J299	JUNCTION	0.00	0.17	962.37	0	00:41	0.17
J3	JUNCTION	0.18	0.35	939.35	0	01:11	0.35
J30	JUNCTION	0.62	1.68	939.52	0	01:25	1.68
J300	JUNCTION	0.00	0.00	962.31	0	00:00	0.00
J301	JUNCTION	0.02	0.14	959.81	0	00:40	0.14
J302	JUNCTION	0.00	0.00	958.40	0	00:00	0.00
J31	JUNCTION	0.66	1.73	939.52	0	01:19	1.73
J32	JUNCTION	0.73	1.89	939.54	0	01:14	1.89
J33	JUNCTION	0.77	1.94	939.54	0	01:14	1.94
J337	JUNCTION	1.96	3.50	956.50	0	00:01	3.50
J338	JUNCTION	1.08	3.30	957.20	0	00:00	3.30
J34	JUNCTION	0.82	2.02	939.54	0	01:11	2.02
J342	JUNCTION	0.11	0.18	956.54	0	01:07	0.18
J343	JUNCTION	0.15	0.24	955.07	0	01:08	0.24
J344	JUNCTION	0.37	1.67	940.02	0	00:39	1.67
J348	JUNCTION	0.59	0.69	934.68	0	02:05	0.69
J349	JUNCTION	0.41	0.53	934.53	0	02:07	0.53
J35	JUNCTION	0.87	2.12	939.55	0	01:09	2.12
J351	JUNCTION	1.06	1.38	939.95	0	00:41	1.38
J352	JUNCTION	0.12	1.53	941.52	0	00:41	1.53
J353	JUNCTION	0.53	0.69	934.39	0	02:04	0.69
J354	JUNCTION	0.48	1.29	940.30	0	00:43	1.29
J355	JUNCTION	0.49	1.27	940.03	0	00:50	1.27
J356	JUNCTION	0.49	1.29	940.03	0	00:49	1.29
J358	JUNCTION	0.31	0.60	940.40	0	00:45	0.60

J36	JUNCTION	0.88	2.16	939.56	0	00:57	2.15
J360	JUNCTION	0.59	0.83	934.26	0	01:56	0.83
J362	JUNCTION	0.26	1.78	941.33	0	00:36	1.78
J368	JUNCTION	1.65	2.64	957.97	0	01:06	2.64
J37	JUNCTION	0.94	2.24	939.54	0	01:09	2.24
J370	JUNCTION	0.70	0.99	934.19	0	01:47	0.99
J372	JUNCTION	0.71	1.28	940.32	0	00:40	1.28
J373	JUNCTION	0.11	1.53	942.25	0	00:41	1.53
J374	JUNCTION	0.55	1.57	940.59	0	00:45	1.57
J375	JUNCTION	0.79	1.83	940.04	0	00:45	1.82
J376	JUNCTION	0.15	1.50	943.19	0	00:40	1.50
J377	JUNCTION	0.31	1.57	942.58	0	00:41	1.57
J378	JUNCTION	0.13	1.21	941.97	0	00:42	1.21
J379	JUNCTION	0.49	1.26	940.06	0	00:44	1.26
J38	JUNCTION	1.01	2.34	939.53	0	01:09	2.34
J380	JUNCTION	1.32	2.42	938.43	0	01:49	2.42
J381	JUNCTION	0.38	1.28	939.03	0	00:40	1.28
J382	JUNCTION	0.35	0.84	938.44	0	01:49	0.84
J384	JUNCTION	0.67	1.88	939.94	0	00:47	1.88
J385	JUNCTION	0.72	1.94	939.93	0	00:48	1.94
J387	JUNCTION	0.72	1.94	939.93	0	00:48	1.94
J388	JUNCTION	1.05	2.31	939.88	0	00:49	2.31
J389	JUNCTION	1.36	1.96	938.53	0	01:02	1.96
J39	JUNCTION	1.02	2.35	939.52	0	01:09	2.35
J390	JUNCTION	0.03	0.15	972.61	0	00:41	0.15
J391	JUNCTION	0.08	1.48	955.18	0	00:41	1.48
J4	JUNCTION	0.03	0.13	939.04	0	00:42	0.13
J40	JUNCTION	1.07	2.40	939.47	0	01:09	2.40
J403	JUNCTION	0.53	0.84	934.13	0	01:39	0.84
J404	JUNCTION	0.79	1.22	933.80	0	01:44	1.22
J407	JUNCTION	0.24	0.41	932.45	0	01:46	0.41
J408	JUNCTION	0.38	0.71	929.75	0	02:15	0.71
J41	JUNCTION	1.67	3.26	939.42	0	01:09	3.26
J42	JUNCTION	1.67	3.23	939.35	0	01:09	3.23
J420	JUNCTION	0.10	0.29	940.14	0	00:48	0.29
J422	JUNCTION	0.07	1.70	979.93	0	00:36	1.70
J426	JUNCTION	0.34	1.28	945.37	0	00:40	1.28
J427	JUNCTION	0.24	0.90	944.90	0	00:39	0.90
J428	JUNCTION	0.48	1.32	946.02	0	00:40	1.32
J429	JUNCTION	0.24	1.01	946.20	0	00:32	0.83
J43	JUNCTION	1.74	3.27	939.29	0	01:09	3.27
J430	JUNCTION	0.48	1.33	946.02	0	00:40	1.33
J431	JUNCTION	0.11	1.25	947.51	0	00:40	1.25
J433	JUNCTION	0.00	0.00	967.56	0	00:00	0.00
J435	JUNCTION	0.14	1.82	948.45	0	00:39	1.48
J438	JUNCTION	0.92	2.61	954.79	0	00:47	2.61
J44	JUNCTION	1.80	3.29	939.21	0	01:11	3.29
J440	JUNCTION	0.50	2.26	953.28	0	01:00	2.26
J441	JUNCTION	0.49	1.30	950.90	0	00:56	1.30
J442	JUNCTION	0.35	3.05	956.05	0	00:40	3.05
J444	JUNCTION	0.39	2.77	955.52	0	00:41	2.77
J45	JUNCTION	1.79	3.27	939.17	0	01:11	3.27
J453	JUNCTION	1.11	1.45	939.80	0	02:23	1.45
J454	JUNCTION	1.19	1.83	939.78	0	00:57	1.83
J455	JUNCTION	1.27	2.35	939.87	0	00:59	2.35
J46	JUNCTION	1.82	3.29	939.13	0	01:11	3.29
J469	JUNCTION	0.26	2.20	941.21	0	00:37	1.24
J47	JUNCTION	1.82	3.26	939.06	0	01:11	3.26
J471	JUNCTION	0.36	1.75	944.72	0	00:52	1.75
J472	JUNCTION	0.37	2.54	947.81	0	00:51	2.54
J473	JUNCTION	1.02	1.55	938.53	0	01:02	1.55
J477	JUNCTION	0.32	1.36	937.77	0	00:54	1.36
J478	JUNCTION	0.12	1.24	937.66	0	00:45	1.24
J479	JUNCTION	0.34	2.52	938.41	0	00:42	2.52
J48	JUNCTION	1.84	3.25	938.98	0	01:12	3.25
J480	JUNCTION	0.13	1.26	937.75	0	00:45	1.26
J481	JUNCTION	0.32	1.81	937.76	0	00:52	1.81
J482	JUNCTION	0.39	2.26	937.92	0	00:47	2.26
J483	JUNCTION	0.33	0.89	937.62	0	01:09	0.89
J484	JUNCTION	0.34	0.90	937.62	0	01:05	0.90
J485	JUNCTION	0.38	2.44	937.51	0	00:46	2.44
J49	JUNCTION	0.98	2.13	939.08	0	01:11	2.13
J493	JUNCTION	0.32	1.46	948.11	0	00:51	1.46
J499	JUNCTION	0.65	2.09	949.94	0	00:51	2.09
J5	JUNCTION	0.26	0.77	936.28	0	00:51	0.77

J50	JUNCTION	1.09	2.30	939.05	0	01:11	2.29
J51	JUNCTION	1.20	2.43	938.99	0	01:12	2.43
J510	JUNCTION	0.35	1.60	948.89	0	00:51	1.60
J516	JUNCTION	0.00	0.00	983.13	0	00:00	0.00
J519	JUNCTION	0.00	0.00	978.46	0	00:00	0.00
J52	JUNCTION	1.85	3.21	938.88	0	01:13	3.21
J521	JUNCTION	0.00	0.00	975.94	0	00:00	0.00
J525	JUNCTION	0.00	0.00	977.72	0	00:00	0.00
J527	JUNCTION	0.00	0.00	961.21	0	00:00	0.00
J528	JUNCTION	0.04	0.79	959.39	0	00:40	0.79
J529	JUNCTION	0.36	0.43	952.83	0	01:50	0.43
J53	JUNCTION	1.84	3.17	938.79	0	01:23	3.17
J535	JUNCTION	0.95	1.22	939.78	0	00:56	1.22
J537	JUNCTION	0.35	1.25	941.16	0	00:35	1.18
J54	JUNCTION	1.84	3.16	938.76	0	01:25	3.16
J55	JUNCTION	1.15	2.19	938.47	0	01:47	2.19
J56	JUNCTION	1.85	3.16	938.73	0	01:27	3.16
J57	JUNCTION	1.82	3.12	938.63	0	01:34	3.12
J58	JUNCTION	1.86	3.16	938.61	0	01:35	3.16
J59	JUNCTION	1.91	3.22	938.54	0	01:43	3.22
J6	JUNCTION	0.18	0.47	935.78	0	00:50	0.47
J60	JUNCTION	1.99	3.32	938.46	0	01:46	3.32
J61	JUNCTION	0.25	1.59	941.40	0	00:37	1.19
J62	JUNCTION	0.33	1.09	937.50	0	00:46	1.08
J63	JUNCTION	0.43	1.10	937.41	0	00:43	1.10
J64	JUNCTION	0.58	1.16	937.29	0	00:42	1.16
J65	JUNCTION	0.71	1.10	937.06	0	00:42	1.10
J66	JUNCTION	0.80	1.30	937.17	0	00:42	1.20
J67	JUNCTION	0.09	0.24	981.04	0	00:42	0.24
J68	JUNCTION	0.05	0.05	976.65	0	02:23	0.05
J69	JUNCTION	0.35	0.53	942.46	0	00:49	0.53
J7	JUNCTION	0.31	1.57	942.45	0	00:43	1.57
J70	JUNCTION	0.55	1.10	938.00	0	01:18	1.10
J71	JUNCTION	0.59	1.02	937.72	0	01:23	1.02
J72	JUNCTION	0.33	0.62	936.98	0	01:23	0.62
J73	JUNCTION	0.05	0.21	981.53	0	00:44	0.21
J74	JUNCTION	0.09	0.32	981.91	0	00:42	0.32
J75	JUNCTION	0.08	0.42	969.89	0	00:52	0.42
J76	JUNCTION	0.17	0.59	940.68	0	00:47	0.59
J77	JUNCTION	0.45	0.81	939.96	0	00:52	0.81
J78	JUNCTION	0.12	0.37	940.67	0	00:56	0.37
J79	JUNCTION	0.07	0.33	947.84	0	00:40	0.33
J7STM109	JUNCTION	0.52	1.71	938.96	0	00:39	1.11
J7STM110	JUNCTION	0.59	1.18	938.36	0	01:05	1.18
J7STM122	JUNCTION	0.43	1.18	938.62	0	01:05	1.18
J7STM123	JUNCTION	0.46	1.15	938.52	0	01:05	1.15
J7STM124	JUNCTION	0.56	1.18	938.41	0	01:05	1.18
J8	JUNCTION	0.29	1.56	942.39	0	00:44	1.56
J80	JUNCTION	0.12	0.45	944.27	0	00:47	0.45
J81	JUNCTION	0.06	0.34	946.44	0	00:40	0.34
J83	JUNCTION	0.07	0.34	948.39	0	00:44	0.34
J84	JUNCTION	0.05	0.25	946.60	0	00:50	0.25
J85	JUNCTION	0.62	0.77	936.41	0	02:05	0.77
J86	JUNCTION	0.57	0.72	936.41	0	02:05	0.72
J87	JUNCTION	0.56	0.70	936.42	0	02:05	0.70
J88	JUNCTION	0.53	0.66	936.42	0	02:04	0.66
J89	JUNCTION	0.27	0.51	936.61	0	00:43	0.51
J8STM112	JUNCTION	0.18	0.84	939.00	0	01:07	0.84
J8STM113	JUNCTION	0.36	1.22	939.00	0	01:05	1.22
J8STM117	JUNCTION	0.33	1.24	939.20	0	01:05	1.24
J8STM118	JUNCTION	0.17	0.92	939.20	0	01:06	0.92
J8STM119	JUNCTION	0.27	1.10	939.28	0	00:51	1.10
J8STM120	JUNCTION	0.42	1.25	938.82	0	01:05	1.25
J8STM121	JUNCTION	0.36	1.17	938.73	0	01:05	1.17
J9	JUNCTION	1.05	2.35	944.30	0	00:48	2.35
J90	JUNCTION	0.18	0.47	936.72	0	00:41	0.47
J91	JUNCTION	0.09	0.27	936.63	0	00:52	0.27
J92	JUNCTION	0.05	0.22	936.64	0	00:53	0.22
J93	JUNCTION	0.00	0.00	936.71	0	00:00	0.00
J94	JUNCTION	0.00	0.00	936.91	0	00:00	0.00
J95	JUNCTION	0.00	0.00	937.11	0	00:00	0.00
J96	JUNCTION	0.68	0.86	936.41	0	02:05	0.86
J97	JUNCTION	0.19	0.35	949.29	0	00:40	0.35
J98	JUNCTION	0.17	0.29	949.67	0	00:40	0.29
J99	JUNCTION	0.24	0.59	951.68	0	00:45	0.59

J9STM114	JUNCTION	0.28	1.21	939.38	0	01:00	1.21
J9STM115	JUNCTION	0.34	1.30	939.38	0	01:01	1.30
J9STM116	JUNCTION	0.36	1.47	939.72	0	00:56	1.47
J9STM1871	JUNCTION	0.39	1.52	939.88	0	00:47	1.52
J9STM1872	JUNCTION	0.36	1.62	940.25	0	00:46	1.62
SU3	JUNCTION	0.24	0.36	941.49	0	01:07	0.36
J423	OUTFALL	0.30	0.58	927.62	0	02:15	0.58
J82	OUTFALL	0.10	0.26	938.55	0	00:52	0.26
Lagoons	OUTFALL	0.00	0.00	0.00	0	00:00	0.00
Marina_Bay	OUTFALL	0.18	0.26	936.96	0	01:12	0.26
OF1	OUTFALL	0.00	0.00	937.51	0	00:00	0.00
OF2	OUTFALL	0.11	0.14	951.02	0	01:50	0.14
Beacon_Hill	STORAGE	0.93	1.16	973.21	0	01:54	1.16
Crestview	STORAGE	2.34	2.45	973.05	0	02:02	2.45
Crestview1	STORAGE	2.18	2.30	955.08	0	02:08	2.30
Fox_Run_PH14	STORAGE	0.06	0.19	962.56	0	00:55	0.19
Fox_Run_PH6-7	STORAGE	1.65	2.00	948.49	0	01:33	2.00
GCMH130	STORAGE	0.15	0.22	979.82	0	01:31	0.22
GCMH4	STORAGE	0.03	0.07	980.27	0	01:11	0.07
Golf_Course1	STORAGE	0.13	0.50	939.53	0	00:00	0.50
Golf_Course2	STORAGE	0.44	0.61	939.28	0	00:52	0.61
Greyhawk	STORAGE	2.61	2.62	947.02	0	01:44	2.62
Hewlett_Park	STORAGE	0.43	0.58	937.88	0	02:34	0.58
Hewlett_Park_Wetland	STORAGE	1.01	1.41	937.29	0	02:20	1.41
Iron_Gate_Pond_1	STORAGE	0.00	0.00	0.00	0	00:00	0.00
Iron_Gate_Pond_2	STORAGE	0.00	0.00	0.00	0	00:00	0.00
Lakeway_Landing_Ph2	STORAGE	2.66	2.95	969.50	0	02:05	2.95
Lakeway_Landing_Phase1	STORAGE	1.45	1.67	963.67	0	00:56	1.67
Norell_Business_Park	STORAGE	0.09	0.12	0.12	0	01:48	0.12
Pier_View	STORAGE	0.70	1.61	957.97	0	01:07	1.61
Ryders_Ridge	STORAGE	0.21	0.31	943.31	0	01:34	0.31
SU1	STORAGE	0.55	1.10	940.13	0	00:55	1.10
Tank1-S3435	STORAGE	0.57	0.75	943.10	0	02:02	0.75
Tank2-S3547	STORAGE	0.14	0.18	941.98	0	02:12	0.18
Waterford_Station_Pond1	STORAGE	2.92	3.12	966.72	0	02:30	3.12
Waterford_Station_Pond2	STORAGE	2.32	2.40	960.30	0	02:37	2.40
Waterford_Station_Pond3	STORAGE	3.14	3.26	977.26	0	02:21	3.26
Westwood_Lane	STORAGE	0.46	0.60	948.17	0	00:41	0.60
Willow_Springs	STORAGE	0.42	0.50	937.70	0	00:59	0.50

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Node Inflow Summary
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Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days	hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent
732	JUNCTION	113.93	113.93	0	00:40	0.106	0.106	1.080
734	JUNCTION	0.00	6.17	0	00:39	0	0.0249	0.187
735	JUNCTION	0.00	232.34	0	00:40	0	0.291	-0.705
736	JUNCTION	135.44	243.80	0	00:40	0.162	0.267	0.317
737	JUNCTION	0.00	721.69	0	00:40	0	1.13	0.028
738	JUNCTION	0.00	884.67	0	00:41	0	1.43	0.081
739	JUNCTION	0.00	548.50	0	00:42	0	0.914	0.037
740	JUNCTION	0.00	61.85	0	00:39	0	0.0554	0.406
741	JUNCTION	118.03	605.92	0	00:41	0.0944	1.01	0.059
743	JUNCTION	0.00	842.24	0	00:41	0	1.42	0.093
745	JUNCTION	242.54	987.95	0	00:41	0.268	1.69	0.039
746	JUNCTION	169.26	721.70	0	00:40	0.129	1.13	0.088
748	JUNCTION	82.12	95.69	0	00:40	0.0764	0.0937	1.278
749	JUNCTION	39.89	179.38	0	00:39	0.0334	0.176	0.566
750	JUNCTION	62.98	136.00	0	00:39	0.0582	0.151	-1.217
751	JUNCTION	166.75	549.48	0	00:41	0.15	0.861	0.098
752	JUNCTION	379.63	404.96	0	00:40	0.361	0.514	0.026
753	JUNCTION	19.76	19.76	0	00:40	0.0173	0.0173	-0.056
754	JUNCTION	27.26	339.66	0	00:41	0.0222	0.536	0.041
755	JUNCTION	146.28	146.28	0	00:40	0.145	0.145	0.122
A11STM239	JUNCTION	159.35	2984.83	0	00:45	0.144	11.2	0.513
A12STM48	JUNCTION	0.00	993.40	0	00:45	0	2.18	-0.003
A12STM50	JUNCTION	190.85	1071.08	0	00:45	0.174	2.36	0.248
A12STM51	JUNCTION	0.00	1069.72	0	00:45	0	2.35	-0.086

A12STM52	JUNCTION	0.00	1262.50	0	00:48	0	2.79	-0.085
A12STM53	JUNCTION	85.55	336.44	0	00:40	0.0742	0.442	0.958
A12STM55	JUNCTION	0.00	1247.41	0	00:49	0	2.79	-0.014
A12STM56	JUNCTION	0.00	1247.17	0	00:50	0	2.79	0.003
A12STM57	JUNCTION	0.00	1248.23	0	00:50	0	2.87	0.270
A12STM58	JUNCTION	0.00	1247.27	0	00:50	0	2.79	0.371
A13STM2271	JUNCTION	40.09	40.09	0	00:40	0.0354	0.0354	-0.146
A13STM2272	JUNCTION	126.35	206.33	0	00:40	0.118	0.204	0.234
A13STM2273	JUNCTION	0.00	198.60	0	00:40	0	0.204	0.064
A13STM2274	JUNCTION	123.30	265.70	0	00:40	0.106	0.31	-0.724
A13STM2275	JUNCTION	58.46	58.46	0	00:40	0.0511	0.0511	0.011
A13STM44	JUNCTION	74.84	74.84	0	00:40	0.0626	0.0626	1.645
A13STM45	JUNCTION	77.68	927.83	0	00:45	0.0927	2.03	0.068
A13STM46	JUNCTION	167.52	1054.63	0	00:40	0.152	2.18	0.086
A13STM49	JUNCTION	1.88	1.88	0	00:45	0.00259	0.00259	-2.791
A13STM54	JUNCTION	65.13	260.19	0	00:40	0.0548	0.367	-0.227
A14STM25	JUNCTION	35.30	369.48	0	00:58	0.0304	3.27	0.714
A14STM26	JUNCTION	194.22	528.30	0	00:55	0.52	4.19	0.827
A14STM27	JUNCTION	68.38	528.04	0	00:40	0.0719	0.921	-0.215
A14STM31	JUNCTION	32.90	472.42	0	00:40	0.0281	0.851	0.147
A14STM32	JUNCTION	117.71	117.71	0	00:40	0.11	0.11	1.016
A14STM33	JUNCTION	27.73	326.56	0	00:39	0.023	0.715	-0.008
A14STM34	JUNCTION	0.00	8.82	0	00:45	0	0.0334	-0.069
A15STM2	JUNCTION	138.59	138.59	0	00:40	0.118	0.118	0.223
A15STM3	JUNCTION	139.01	266.12	0	00:40	0.138	0.255	-1.122
A15STM4	JUNCTION	89.42	217.83	0	00:40	0.0794	0.338	0.006
A15STM5	JUNCTION	44.98	235.91	0	02:00	0.0362	2.75	1.325
A15STM6	JUNCTION	0.00	235.84	0	02:00	0	2.71	0.349
A15STM691	JUNCTION	184.04	184.04	0	00:40	0.191	0.191	-1.147
A15STM7	JUNCTION	0.00	284.27	0	00:40	0	0.216	-0.745
A16STM687	JUNCTION	102.88	102.88	0	00:40	0.1	0.1	0.033
A16STM688	JUNCTION	181.12	282.04	0	00:40	0.168	0.268	0.007
A16STM689	JUNCTION	230.02	644.24	0	00:40	0.212	0.673	0.321
A17STM681	JUNCTION	0.00	134.75	0	00:41	0	0.178	0.028
A17STM682	JUNCTION	0.00	130.33	0	00:42	0	0.178	-1.225
A5STM1	JUNCTION	0.00	460.47	0	00:40	0	0.592	-0.213
A5STM158	JUNCTION	144.39	144.39	0	00:40	0.127	0.127	-0.012
A5STM160	JUNCTION	344.81	510.94	0	00:40	0.294	0.463	-0.421
A5STM161	JUNCTION	195.99	195.99	0	00:40	0.17	0.17	0.307
A6STM159	JUNCTION	0.00	428.16	0	00:41	0	0.593	0.118
A6STM162	JUNCTION	0.00	500.87	0	00:57	0	1.52	0.069
A6STM163	JUNCTION	32.08	441.31	0	00:57	0.0265	1.16	0.049
A7STM165	JUNCTION	220.97	220.97	0	00:40	0.183	0.183	0.505
A7STM166	JUNCTION	73.79	239.72	0	00:40	0.0801	0.262	-1.323
B11STM231	JUNCTION	165.65	3062.70	0	00:45	0.142	11	0.115
B11STM232	JUNCTION	326.42	1621.80	0	00:40	0.291	8.12	0.135
B11STM233	JUNCTION	0.00	1380.96	0	01:04	0	7.83	0.013
B11STM238	JUNCTION	300.49	2915.05	0	00:45	0.282	11	0.049
B12STM220	JUNCTION	48.98	635.99	0	00:39	0.0428	0.901	-0.350
B12STM227	JUNCTION	26.99	1542.39	0	00:40	0.0216	2.47	0.181
B12STM228	JUNCTION	0.00	1544.73	0	00:40	0	2.47	-0.035
B12STM229	JUNCTION	227.16	1703.06	0	00:40	0.214	2.68	0.088
B12STM230	JUNCTION	88.75	1608.24	0	00:40	0.0787	2.76	-0.088
B13STM215	JUNCTION	91.56	536.19	0	00:40	0.0747	0.973	0.009
B13STM216	JUNCTION	133.10	657.69	0	00:40	0.104	1.08	0.003
B13STM224	JUNCTION	59.76	704.46	0	00:40	0.0457	1.12	0.030
B13STM225	JUNCTION	81.34	81.34	0	00:40	0.065	0.065	-0.350
B13STM226	JUNCTION	139.95	901.66	0	00:40	0.109	1.3	0.091
B13STM240	JUNCTION	241.84	437.63	0	00:40	0.23	0.45	0.304
B13STM241	JUNCTION	66.26	216.48	0	00:40	0.0546	0.219	-0.737
B13STM242	JUNCTION	187.68	187.68	0	00:40	0.168	0.168	2.354
B13STM41	JUNCTION	0.00	669.00	0	00:51	0	1.43	-0.083
B13STM42	JUNCTION	0.00	856.98	0	00:47	0	1.88	0.072
B13STM43	JUNCTION	0.00	882.52	0	00:46	0	1.94	0.003
B13STM47	JUNCTION	0.00	993.52	0	00:45	0	2.18	-0.079
B14STM204	JUNCTION	159.81	314.75	0	00:40	0.13	0.295	1.040
B14STM214	JUNCTION	123.31	577.90	0	00:40	0.107	0.895	-0.439
B14STM30	JUNCTION	51.09	548.65	0	00:40	0.0446	0.962	-0.434
B14STM35	JUNCTION	103.97	320.77	0	00:39	0.0898	0.66	0.058
B14STM36	JUNCTION	77.89	324.34	0	00:40	0.0762	0.463	0.180
B14STM37	JUNCTION	158.34	331.09	0	00:40	0.133	0.388	0.489
B14STM38	JUNCTION	258.49	258.49	0	00:40	0.256	0.256	0.153
B14STM39	JUNCTION	0.00	285.55	0	00:41	0	0.462	0.413
B14STM40	JUNCTION	0.00	292.96	0	00:39	0	0.462	-0.104
B15STM10	JUNCTION	0.00	198.06	0	00:40	0	0.171	0.660

B15STM11	JUNCTION	173.65	198.11	0	00:40	0.151	0.171	0.021
B15STM12	JUNCTION	24.47	24.47	0	00:40	0.0196	0.0196	-0.244
B15STM13	JUNCTION	120.41	292.73	0	00:40	0.102	0.282	0.232
B15STM14	JUNCTION	15.25	274.30	0	00:39	0.013	0.294	-0.248
B15STM15	JUNCTION	8.12	430.86	0	00:41	0.007	0.662	-0.223
B15STM16	JUNCTION	49.45	240.63	0	00:40	0.045	0.358	-0.596
B15STM17	JUNCTION	182.56	245.43	0	00:39	0.167	0.315	0.500
B15STM18	JUNCTION	0.00	103.47	0	00:39	0	0.147	-0.404
B15STM19	JUNCTION	0.00	126.06	0	00:39	0	0.146	-0.365
B15STM195	JUNCTION	45.22	544.63	0	00:40	0.0375	0.97	-0.036
B15STM197	JUNCTION	269.48	623.18	0	00:40	0.24	0.932	0.020
B15STM199	JUNCTION	97.15	348.50	0	00:40	0.0798	0.583	-0.327
B15STM20	JUNCTION	52.64	52.64	0	00:40	0.0492	0.0492	0.961
B15STM21	JUNCTION	29.50	119.41	0	00:39	0.0244	0.0982	0.368
B15STM22	JUNCTION	13.23	20.10	0	00:38	0.0101	0.0104	0.226
B15STM24	JUNCTION	20.94	20.94	0	00:40	0.0165	0.0165	0.020
B15STM692	JUNCTION	0.00	233.06	0	02:05	0	2.66	0.291
B15STM8	JUNCTION	0.00	422.50	0	00:44	0	0.664	0.484
B15STM9	JUNCTION	12.94	12.94	0	00:40	0.00983	0.00983	-0.004
B16STM192	JUNCTION	41.53	2007.81	0	00:41	0.0342	4.3	0.046
B16STM193	JUNCTION	0.00	2920.49	0	00:41	0	5.49	-0.004
B16STM194	JUNCTION	79.32	592.09	0	00:40	0.0817	1.05	-0.022
B16STM23	JUNCTION	56.55	76.74	0	00:40	0.0469	0.0635	-0.031
B16STM671	JUNCTION	83.88	1447.09	0	00:41	0.0858	3.21	-0.068
B16STM672	JUNCTION	127.33	1405.74	0	00:40	0.107	3	-0.158
B16STM674	JUNCTION	30.32	906.56	0	00:41	0.025	1.16	-0.001
B16STM675	JUNCTION	47.91	931.85	0	00:41	0.0408	1.2	0.003
B16STM678	JUNCTION	84.90	890.86	0	00:40	0.0754	1.13	0.358
B16STM690	JUNCTION	0.00	582.93	0	00:41	0	0.671	-0.087
B17STM1071	JUNCTION	101.90	744.32	0	00:39	0.105	2.07	0.028
B17STM1072	JUNCTION	66.12	717.19	0	00:39	0.0616	1.97	0.175
B17STM1082	JUNCTION	52.00	240.77	0	00:39	0.0698	0.279	-0.072
B17STM1083	JUNCTION	166.83	205.37	0	00:40	0.174	0.209	0.007
B17STM673	JUNCTION	116.59	782.11	0	00:39	0.104	2.17	-0.526
B17STM676	JUNCTION	136.07	136.07	0	00:40	0.119	0.119	0.145
B17STM677	JUNCTION	58.28	190.53	0	00:40	0.0487	0.167	-0.154
B17STM679	JUNCTION	57.98	117.06	0	00:40	0.0476	0.127	-0.380
B17STM680	JUNCTION	277.14	391.38	0	00:40	0.271	0.399	0.349
B17STM683	JUNCTION	44.03	490.42	0	00:40	0.039	0.616	0.423
B17STM684	JUNCTION	142.53	732.20	0	00:40	0.129	0.878	0.151
B17STM685	JUNCTION	156.98	600.12	0	00:40	0.135	0.749	-0.015
B17STM686	JUNCTION	13.88	730.15	0	00:40	0.0121	0.889	-0.269
B18STM1084	JUNCTION	39.86	39.86	0	00:40	0.0356	0.0356	0.122
B6STM164	JUNCTION	0.00	500.78	0	00:57	0	1.52	0.045
B6STM173	JUNCTION	0.00	268.05	0	00:41	0	0.93	-0.124
B6STM174	JUNCTION	0.00	212.04	0	00:41	0	0.931	0.041
B7STM167	JUNCTION	188.19	351.95	0	00:40	0.159	0.424	-0.876
B7STM168	JUNCTION	194.19	425.86	0	00:40	0.166	0.594	0.296
B7STM169	JUNCTION	0.00	916.08	0	00:40	0	1.58	-0.067
B7STM170	JUNCTION	0.00	532.64	0	00:43	0	0.992	0.095
B7STM171	JUNCTION	0.00	969.12	0	00:45	0	1.59	-0.109
B7STM172	JUNCTION	0.00	214.02	0	00:44	0	0.105	3.320
B7STM175	JUNCTION	194.46	303.26	0	00:38	0.167	0.402	0.703
B7STM176	JUNCTION	158.79	158.79	0	00:40	0.134	0.134	0.475
B7STM177	JUNCTION	63.45	258.06	0	00:40	0.0516	0.45	0.630
B7STM184	JUNCTION	165.35	165.35	0	00:40	0.155	0.155	0.211
B8STM190	JUNCTION	245.41	284.48	0	00:40	0.226	0.314	0.232
B8STM191	JUNCTION	107.78	126.67	0	00:40	0.0934	0.0965	0.073
C11STM234	JUNCTION	152.43	1380.93	0	01:04	0.13	7.84	0.095
C11STM235	JUNCTION	0.00	1365.36	0	01:06	0	7.71	0.043
C11STM236	JUNCTION	98.89	1365.34	0	01:06	0.0841	7.72	0.059
C11STM237	JUNCTION	0.00	1356.78	0	01:10	0	7.64	0.059
C11STM257	JUNCTION	68.90	1417.74	0	00:49	0.421	7.64	0.012
C11STM258	JUNCTION	105.40	1370.90	0	00:48	0.0976	7.22	0.053
C12STM221	JUNCTION	172.50	172.50	0	00:40	0.166	0.166	1.318
C12STM222	JUNCTION	42.51	170.75	0	00:39	0.0373	0.192	-2.886
C12STM223	JUNCTION	169.18	169.18	0	00:40	0.155	0.155	0.393
C12STM253	JUNCTION	429.64	1947.85	0	00:38	0.387	6.58	-0.116
C12STM254	JUNCTION	0.00	1408.30	0	00:37	0	6.59	-0.008
C12STM256	JUNCTION	134.17	1440.16	0	00:41	0.109	7.12	-0.066
C13STM217	JUNCTION	170.63	417.37	0	00:40	0.196	0.553	0.035
C13STM218	JUNCTION	262.07	262.07	0	00:40	0.358	0.358	0.012
C13STM219	JUNCTION	157.29	532.06	0	00:39	0.141	0.694	-0.060
C13STM252	JUNCTION	147.89	1887.16	0	00:39	0.128	6.18	-0.232
C14STM205	JUNCTION	0.00	44.83	0	00:40	0	0.0362	-1.112

C14STM206	JUNCTION	45.23	45.23	0	00:40	0.0365	0.0365	0.809
C14STM207	JUNCTION	48.71	89.93	0	00:39	0.0393	0.0758	1.137
C14STM208	JUNCTION	164.55	214.00	0	00:39	0.14	0.215	-0.470
C14STM209	JUNCTION	0.00	261.87	0	00:37	0	0.378	-1.389
C14STM210	JUNCTION	90.05	260.43	0	00:39	0.0721	0.455	-0.300
C14STM211	JUNCTION	22.38	61.33	0	00:38	0.0174	0.018	-0.182
C14STM212	JUNCTION	176.77	199.14	0	00:40	0.146	0.164	0.759
C14STM213	JUNCTION	42.31	246.93	0	00:39	0.0375	0.495	-0.247
C15STM196	JUNCTION	49.65	124.28	0	00:40	0.0456	0.107	-0.317
C15STM198	JUNCTION	76.30	76.30	0	00:40	0.0616	0.0616	1.041
C15STM200	JUNCTION	159.47	357.28	0	00:40	0.15	0.504	0.189
C15STM201	JUNCTION	96.28	304.75	0	00:40	0.0776	0.353	-0.351
C15STM202	JUNCTION	320.79	320.79	0	00:40	0.278	0.278	1.214
C16STM1085	JUNCTION	286.96	728.58	0	00:40	0.262	0.719	1.163
C16STM1086	JUNCTION	212.06	212.06	0	00:40	0.189	0.189	0.036
C16STM1087	JUNCTION	189.92	213.23	0	00:40	0.178	0.198	-0.030
C16STM1088	JUNCTION	82.37	479.41	0	00:40	0.0706	0.458	0.364
C16STM1089	JUNCTION	25.03	25.36	0	00:40	0.0206	0.0207	0.068
C17STM1073	JUNCTION	20.19	39.70	0	00:40	0.0158	0.0171	1.469
C17STM1074	JUNCTION	177.31	515.33	0	00:39	0.151	1.61	0.204
C17STM1075	JUNCTION	140.95	440.85	0	00:39	0.145	1.45	0.321
C17STM1076	JUNCTION	0.00	150.44	0	01:05	0	0.715	-0.764
C17STM1078	JUNCTION	0.00	62.63	0	00:40	0	0.278	0.145
C17STM1079	JUNCTION	0.00	73.64	0	00:38	0	0.292	0.382
C17STM1080	JUNCTION	351.29	351.29	0	00:40	0.31	0.597	0.610
C17STM1081	JUNCTION	0.00	40.24	0	00:39	0	0.00186	0.519
C17STM1090	JUNCTION	28.01	473.08	0	00:38	0.0232	1.63	0.039
C18STM1077	JUNCTION	29.01	178.59	0	00:41	0.024	0.719	0.471
C6STM180	JUNCTION	191.38	191.38	0	00:40	0.167	0.168	0.304
C6STM181	JUNCTION	0.00	8.99	0	00:36	0	0.00136	0.389
C7STM178	JUNCTION	44.69	261.14	0	00:42	0.0416	0.489	-0.034
C7STM179	JUNCTION	32.32	428.51	0	00:40	0.0275	0.683	0.946
C7STM182	JUNCTION	72.30	516.60	0	00:41	0.0848	0.826	0.510
C7STM183	JUNCTION	0.00	516.21	0	00:41	0	0.822	0.601
C7STM185	JUNCTION	51.10	108.48	0	00:40	0.0427	0.197	0.012
C7STM187	JUNCTION	48.54	149.50	0	00:40	0.0408	0.238	0.656
C8STM188	JUNCTION	89.15	303.08	0	00:40	0.0753	0.562	1.639
C8STM189	JUNCTION	0.00	135.26	0	00:46	0	0.313	-0.283
CULV5002	JUNCTION	0.00	3780.15	0	01:00	0	18.4	2.285
CULV5004	JUNCTION	0.00	3427.20	0	01:10	0	18	0.120
CULV5158_Inlet	JUNCTION	36.21	952.00	0	02:30	0.0344	9.71	2.748
CULV5159_Outlet	JUNCTION	0.00	1747.55	0	01:09	0	14.1	1.273
CULV5170	JUNCTION	952.55	1842.51	0	01:11	0.98	14.7	0.113
CULV5171	JUNCTION	56.95	1849.12	0	01:11	0.0555	14.7	0.226
CULV5178	JUNCTION	0.00	16.42	0	00:58	0	0.0094	5.983
CULV5179	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
CULV5207	JUNCTION	803.44	803.44	0	00:40	0.771	0.771	-2.918
CULV5210	JUNCTION	1591.72	1591.72	0	00:40	1.81	1.81	-2.583
CULV5252	JUNCTION	89.36	1062.96	0	00:46	0.0742	2.23	-0.171
CULV5258	JUNCTION	0.00	1036.76	0	00:46	0	2.16	0.103
CULV5259	JUNCTION	69.91	1048.50	0	00:45	0.0837	2.17	0.456
CULV5260	JUNCTION	361.62	361.62	0	00:40	0.306	0.307	5.801
CULV5262	JUNCTION	86.91	877.16	0	00:40	0.0741	1.21	7.042
CULV5263	JUNCTION	1248.25	1248.25	0	00:40	1.58	2.71	0.083
CULV5287	JUNCTION	0.00	11.85	0	00:40	0	0.00434	0.176
CULV5306	JUNCTION	590.98	1802.14	0	00:48	0.52	6.05	-0.224
CULV5307	JUNCTION	487.35	3188.47	0	00:40	0.416	5.64	1.840
CULV5314	JUNCTION	729.93	2199.85	0	00:52	0.613	9.6	-0.053
CULV5315	JUNCTION	717.91	3163.55	0	00:45	0.651	9.53	1.894
CULV5354	JUNCTION	1855.22	1855.22	0	00:40	2.73	2.73	-2.812
CULV5385	JUNCTION	2489.68	2489.68	0	00:40	2.63	2.63	-2.222
CULV5397	JUNCTION	675.65	1183.14	0	00:40	1.1	2.11	0.870
CULV5415	JUNCTION	1002.22	1002.22	0	00:40	1	1	-0.850
CULV5440	JUNCTION	272.34	272.34	0	00:40	0.23	0.23	-0.072
CULV5444	JUNCTION	0.00	233.38	0	00:40	0	0.23	0.490
CULV5445	JUNCTION	140.74	316.13	0	00:40	0.122	0.351	0.073
CULV5446	JUNCTION	0.00	1511.25	0	02:00	0	15.5	2.806
CULV5447	JUNCTION	916.33	1497.78	0	02:00	1.16	15.3	0.757
CULV5450	JUNCTION	145.87	214.47	0	00:40	0.321	0.395	0.202
CULV5451	JUNCTION	0.00	87.26	0	00:40	0	0.0744	0.807
CULV5452	JUNCTION	0.00	1425.56	0	02:22	0	13.8	0.407
CULV5453	JUNCTION	18.76	1426.60	0	01:55	0.0155	14	4.385
CULV5454	JUNCTION	88.79	88.79	0	00:40	0.0743	0.0743	-0.062
CULV5466	JUNCTION	227.39	376.55	0	00:40	0.186	0.485	4.100
CULV5467	JUNCTION	537.60	594.86	0	00:40	1.02	1.49	-1.258

CULV5471	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
CULV5472	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
CULV5474_Outlet	JUNCTION	2016.33	2046.11	0	00:40	2.66	12.5	2.390
CULV5475_Inlet	JUNCTION	731.64	1111.97	0	01:12	1.52	10.2	3.280
CULV5479	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
CULV5481	JUNCTION	323.00	323.00	0	00:45	0.634	0.634	0.142
CULV5484	JUNCTION	176.01	483.37	0	00:45	0.416	1.14	0.351
CULV5485	JUNCTION	11.22	450.68	0	00:52	0.0187	1.14	0.227
CULV5504	JUNCTION	0.00	140.05	0	01:05	0	0.62	-0.852
CULV5505	JUNCTION	0.00	179.27	0	00:53	0	0.645	4.082
CULV5537	JUNCTION	167.27	167.27	0	00:40	0.319	0.319	-0.070
CULV5538	JUNCTION	868.28	868.28	0	00:40	1.13	1.13	-0.221
D12STM255	JUNCTION	417.34	417.34	0	00:40	0.438	0.438	3.705
D13STM250	JUNCTION	121.04	1879.27	0	00:40	0.11	5.92	-0.052
D13STM251	JUNCTION	148.12	1968.65	0	00:40	0.126	6.05	0.077
D14STM243	JUNCTION	512.81	676.97	0	00:40	0.442	0.71	-0.755
D14STM244	JUNCTION	1535.34	2248.42	0	00:40	1.35	6.01	0.196
D14STM245	JUNCTION	357.68	774.65	0	00:48	0.295	3.51	0.036
D14STM246	JUNCTION	0.00	1124.31	0	00:47	0	3.58	0.123
D14STM247	JUNCTION	90.76	1094.04	0	00:40	0.0706	4.23	-0.147
D14STM248	JUNCTION	624.69	624.69	0	00:40	0.65	0.65	-0.351
D14STM249	JUNCTION	99.29	1022.09	0	00:41	0.132	4.37	0.252
F14STM271	JUNCTION	208.92	208.92	0	00:40	0.193	0.193	-0.001
F14STM272	JUNCTION	0.00	146.60	0	00:41	0	0.193	0.018
F14STM273	JUNCTION	0.00	146.46	0	00:41	0	0.193	0.008
F14STM59	JUNCTION	91.10	230.91	0	00:40	0.0785	0.272	-0.024
F14STM60	JUNCTION	258.50	488.01	0	00:40	0.216	0.488	0.000
F14STM61	JUNCTION	371.14	851.76	0	00:40	0.332	0.82	0.247
F8STM265	JUNCTION	0.00	1133.41	0	00:47	0	1.28	0.213
F8STM266	JUNCTION	0.00	1055.41	0	00:47	0	1.23	0.017
F8STM270	JUNCTION	0.00	191.76	0	00:45	0	0.879	-0.131
F9STM259	JUNCTION	433.25	489.55	0	00:40	0.517	0.613	1.561
F9STM264	JUNCTION	0.00	41.26	0	00:40	0	0.0794	2.981
G14STM62	JUNCTION	13.21	852.85	0	00:40	0.0109	0.829	-0.122
G14STM63	JUNCTION	128.38	869.02	0	00:39	0.108	0.938	0.179
G14STM64	JUNCTION	119.53	860.54	0	00:38	0.103	1.04	0.243
G14STM65	JUNCTION	95.56	930.55	0	00:45	0.0827	2.19	-0.081
G14STM66	JUNCTION	25.43	282.32	0	01:04	0.0221	1.09	0.784
G14STM67	JUNCTION	98.53	1218.36	0	00:41	0.0877	2.65	0.754
G14STM68	JUNCTION	0.00	1377.22	0	00:40	0	1.79	3.626
G14STM71	JUNCTION	203.21	1176.53	0	00:40	0.189	2.56	0.236
G14STM72	JUNCTION	47.02	1042.74	0	00:44	0.0386	2.37	0.077
G14STM73	JUNCTION	75.38	75.38	0	00:40	0.0641	0.0641	0.329
G14STM74	JUNCTION	166.75	992.90	0	00:44	0.145	2.27	0.013
G14STM75	JUNCTION	98.21	919.20	0	00:43	0.0819	2.12	0.023
G14STM76	JUNCTION	76.80	880.01	0	00:43	0.0637	2.04	0.038
G7STM261	JUNCTION	642.71	746.16	0	00:40	0.61	1.58	-0.175
G7STM262	JUNCTION	68.47	1513.62	0	00:39	0.0728	6.67	0.058
G8STM260	JUNCTION	0.00	513.13	0	00:40	0	1.49	-0.177
G8STM269	JUNCTION	0.00	283.21	0	00:43	0	0.973	0.017
GCMH1	JUNCTION	318.74	318.74	0	00:40	0.304	0.304	0.085
GCMH10	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH100	JUNCTION	153.01	153.01	0	00:40	0.127	0.127	0.003
GCMH101	JUNCTION	56.86	870.47	0	00:40	0.0553	1.56	0.517
GCMH102	JUNCTION	0.00	1.50	0	00:36	0	0.000192	0.678
GCMH107	JUNCTION	106.64	509.76	0	00:45	0.137	0.694	0.020
GCMH108	JUNCTION	0.00	216.65	0	00:40	0	0.186	-1.036
GCMH109	JUNCTION	70.70	236.62	0	00:40	0.0595	0.446	0.110
GCMH11	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH110	JUNCTION	435.58	435.58	0	00:40	0.479	0.479	0.022
GCMH111	JUNCTION	0.00	27.85	0	00:39	0	0.00149	-0.751
GCMH114	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH115	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH116	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH117	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH118	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH119	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH12	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH120	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH121	JUNCTION	0.00	38.18	0	02:29	0	0.432	0.754
GCMH122	JUNCTION	0.00	9.91	0	02:26	0	0.111	0.898
GCMH123	JUNCTION	66.36	66.36	0	00:40	0.0739	0.0739	0.100
GCMH124	JUNCTION	0.00	4.15	0	00:43	0	0.000714	0.048
GCMH125	JUNCTION	0.00	135.81	0	00:41	0	0.0939	0.924
GCMH126	JUNCTION	0.00	5.58	0	00:45	0	0.000741	0.434

GCMH127	JUNCTION	0.00	1.16	0	00:37	0	0.000113	0.000
GCMH129	JUNCTION	0.00	157.54	0	00:40	0	0.178	0.440
GCMH13	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH131	JUNCTION	0.00	287.81	0	00:42	0	0.686	-1.188
GCMH132	JUNCTION	357.53	357.53	0	00:40	0.331	0.331	1.342
GCMH133	JUNCTION	32.11	32.11	0	00:40	0.036	0.036	-0.228
GCMH134	JUNCTION	71.19	222.56	0	00:40	0.0822	0.209	1.025
GCMH135	JUNCTION	0.00	916.13	0	00:40	0	1.5	-0.247
GCMH136	JUNCTION	154.02	506.74	0	00:40	0.135	0.559	0.618
GCMH137	JUNCTION	107.84	359.01	0	00:40	0.0887	0.423	-0.078
GCMH138	JUNCTION	54.28	187.94	0	00:39	0.0467	0.201	-0.093
GCMH139	JUNCTION	32.09	32.09	0	00:40	0.0268	0.027	-0.013
GCMH14	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH140	JUNCTION	5.36	529.77	0	00:56	0.00807	4.17	1.923
GCMH141	JUNCTION	152.33	183.20	0	00:40	0.136	0.163	0.031
GCMH142	JUNCTION	400.82	921.35	0	00:40	0.466	1.3	0.536
GCMH143	JUNCTION	670.12	674.92	0	00:40	0.747	0.838	0.438
GCMH144	JUNCTION	78.55	78.55	0	00:40	0.091	0.0982	0.130
GCMH145	JUNCTION	0.00	445.99	0	00:45	0	0.556	-0.220
GCMH146	JUNCTION	0.00	469.32	0	00:42	0	0.556	0.027
GCMH147	JUNCTION	293.56	293.56	0	00:40	0.289	0.289	0.504
GCMH148	JUNCTION	190.16	613.57	0	00:57	0.383	4.47	1.412
GCMH149	JUNCTION	66.36	214.29	0	00:39	0.0543	0.369	-0.440
GCMH15	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH150	JUNCTION	35.43	182.28	0	00:40	0.0294	0.314	-0.394
GCMH151	JUNCTION	128.92	204.18	0	00:39	0.11	0.178	0.784
GCMH152	JUNCTION	0.00	71.83	0	00:40	0	0.0455	0.709
GCMH153	JUNCTION	152.11	152.41	0	00:40	0.274	0.299	-0.092
GCMH154	JUNCTION	41.37	74.19	0	00:40	0.037	0.0455	-0.120
GCMH155	JUNCTION	59.30	722.65	0	00:40	0.0518	0.978	0.313
GCMH156	JUNCTION	123.59	234.90	0	00:40	0.106	0.281	-0.961
GCMH157	JUNCTION	36.84	2190.98	0	00:44	0.0315	4.26	-0.225
GCMH158	JUNCTION	0.00	666.36	0	00:39	0	0.975	-0.277
GCMH159	JUNCTION	61.47	266.72	0	00:40	0.0509	0.335	0.035
GCMH16	JUNCTION	0.00	9.91	0	02:23	0	0.113	2.209
GCMH160	JUNCTION	0.00	185.49	0	00:41	0	0.248	0.004
GCMH17	JUNCTION	0.00	2.73	0	00:54	0	0.000811	1298.829
GCMH18	JUNCTION	0.00	5.82	0	00:47	0	0.0026	197.201
GCMH19	JUNCTION	0.00	7.90	0	00:42	0	0.00703	41.507
GCMH2	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH20	JUNCTION	0.00	475.46	0	00:00	0	0.0568	55.481
GCMH21	JUNCTION	0.00	28.28	0	02:30	0	0.326	0.903
GCMH22	JUNCTION	0.00	735.78	0	00:00	0	0.113	19.106
GCMH23	JUNCTION	0.00	215.71	0	00:01	0	0.0327	47.657
GCMH24	JUNCTION	0.00	56.18	0	00:01	0	0.0206	451.575
GCMH25	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH26	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH27	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH28	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH29	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH3	JUNCTION	112.49	112.49	0	00:40	0.0947	0.103	-1.275
GCMH30	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH31	JUNCTION	0.00	1.47	0	01:50	0	0.00149	44.632
GCMH32	JUNCTION	177.88	604.31	0	00:39	0.151	0.984	-0.781
GCMH33	JUNCTION	65.58	65.58	0	00:40	0.0794	0.0794	0.024
GCMH34	JUNCTION	53.60	53.60	0	00:40	0.0436	0.0436	-0.002
GCMH35	JUNCTION	47.54	817.85	0	00:44	0.0431	1.59	-0.623
GCMH36	JUNCTION	931.50	1619.09	0	00:40	1.28	2.88	1.191
GCMH37	JUNCTION	356.54	1648.42	0	00:43	0.378	3.22	-0.716
GCMH38	JUNCTION	0.00	1629.46	0	00:44	0	3.25	0.056
GCMH39	JUNCTION	18.52	69.84	0	00:40	0.0154	0.0589	0.167
GCMH40	JUNCTION	104.09	593.46	0	00:40	0.097	0.722	0.311
GCMH41	JUNCTION	70.36	559.20	0	00:41	0.0607	0.781	0.185
GCMH42	JUNCTION	0.00	559.81	0	00:41	0	0.779	0.101
GCMH43	JUNCTION	50.48	91.97	0	00:40	0.0457	0.145	-1.501
GCMH44	JUNCTION	16.54	85.43	0	00:40	0.0129	0.0717	0.386
GCMH46	JUNCTION	0.00	214.59	0	00:46	0	1.75	0.152
GCMH47	JUNCTION	15.46	260.78	0	00:47	0.0116	0.245	-0.148
GCMH48	JUNCTION	124.83	124.83	0	00:40	0.103	0.103	1.347
GCMH49	JUNCTION	0.00	122.50	0	00:40	0	0.101	-0.580
GCMH5	JUNCTION	218.95	218.95	0	00:40	0.186	0.186	0.004
GCMH50	JUNCTION	106.80	2190.77	0	00:45	0.0962	4.32	0.013
GCMH51	JUNCTION	26.89	53.93	0	00:40	0.0215	0.0223	-0.099
GCMH52	JUNCTION	54.42	218.83	0	00:39	0.0467	0.248	0.001
GCMH54	JUNCTION	0.00	21.16	0	00:40	0	0.00723	-0.002

GCMH55	JUNCTION	58.17	276.87	0	00:40	0.0492	0.376	-2.847
GCMH56	JUNCTION	767.55	1234.15	0	00:54	1.82	4.96	0.249
GCMH57	JUNCTION	0.00	1218.11	0	00:57	0	4.95	-0.309
GCMH58	JUNCTION	0.00	280.31	0	00:50	0	0.529	0.021
GCMH6	JUNCTION	98.52	349.22	0	00:37	0.0891	0.569	-0.270
GCMH60	JUNCTION	25.76	363.88	0	00:58	0.0209	3.25	0.488
GCMH61	JUNCTION	66.03	280.04	0	00:39	0.0547	0.528	-0.145
GCMH62	JUNCTION	0.00	583.50	0	00:40	0	0.671	0.006
GCMH63	JUNCTION	0.00	212.05	0	00:41	0	0.932	0.045
GCMH64	JUNCTION	0.00	66.30	0	00:40	0	0.0753	-0.193
GCMH65	JUNCTION	0.00	414.42	0	01:33	0	4.78	0.290
GCMH66	JUNCTION	0.00	4142.95	0	00:48	0	14	0.101
GCMH67	JUNCTION	28.67	622.38	0	00:40	0.0237	0.928	0.143
GCMH68	JUNCTION	0.00	676.84	0	00:42	0	1.15	-0.569
GCMH69	JUNCTION	0.00	104.01	0	00:48	0	0.221	0.071
GCMH7	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH70	JUNCTION	0.00	104.01	0	00:48	0	0.221	-0.586
GCMH71	JUNCTION	8.72	128.79	0	00:42	0.00777	0.205	1.991
GCMH72	JUNCTION	0.00	130.72	0	00:41	0	0.221	-0.025
GCMH73	JUNCTION	11.79	11.79	0	00:45	0.0195	0.0195	0.512
GCMH74	JUNCTION	0.00	40.18	0	00:39	0	0.00126	-1.087
GCMH75	JUNCTION	33.98	33.98	0	00:40	0.0283	0.0283	0.079
GCMH76	JUNCTION	0.00	525.87	0	00:40	0	0.923	0.581
GCMH77	JUNCTION	39.88	447.88	0	00:42	0.0383	0.63	3.518
GCMH78	JUNCTION	0.00	1134.96	0	00:41	0	1.49	-0.294
GCMH79	JUNCTION	0.00	485.30	0	00:55	0	1.43	0.013
GCMH8	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH80	JUNCTION	86.96	1683.29	0	01:07	0.091	12.9	9.524
GCMH81	JUNCTION	0.00	4139.81	0	00:48	0	13.9	1.070
GCMH82	JUNCTION	0.00	414.38	0	01:33	0	4.78	0.055
GCMH83	JUNCTION	89.25	234.88	0	02:00	0.072	2.72	0.411
GCMH84	JUNCTION	0.00	584.58	0	00:40	0	0.807	12.955
GCMH85	JUNCTION	40.43	2940.88	0	00:41	0.0333	5.53	4.526
GCMH86	JUNCTION	0.00	607.41	0	00:41	0	0.784	1.259
GCMH87	JUNCTION	0.00	959.54	0	00:47	0	2.35	-0.561
GCMH88	JUNCTION	108.00	1058.75	0	01:00	0.19	9.74	12.271
GCMH9	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH91	JUNCTION	803.74	847.40	0	00:40	0.698	2.22	-0.135
GCMH92	JUNCTION	3.39	909.65	0	00:40	0.00432	3.15	0.432
GCMH93	JUNCTION	0.00	517.32	0	00:41	0	0.817	1.997
GCMH94	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH95	JUNCTION	204.33	204.33	0	00:40	0.166	0.166	0.284
GCMH96	JUNCTION	59.27	137.16	0	00:40	0.0502	0.122	2.210
GCMH97	JUNCTION	33.10	42.89	0	00:40	0.0273	0.0275	-0.077
GCMH98	JUNCTION	2.24	438.88	0	00:56	0.00255	1.14	0.367
GCMH99	JUNCTION	57.60	62.68	0	00:41	0.0561	0.1	0.111
H11STM1499	JUNCTION	222.26	284.40	0	00:40	0.189	0.337	1.020
H11STM1500	JUNCTION	66.99	254.43	0	00:40	0.0553	0.389	-0.971
H12STM1492	JUNCTION	120.11	151.19	0	00:38	0.14	0.211	2.603
H12STM1493	JUNCTION	33.89	75.59	0	00:39	0.0286	0.0711	0.356
H12STM1495	JUNCTION	18.87	48.34	0	00:40	0.0158	0.0426	0.342
H12STM1498	JUNCTION	85.95	116.55	0	00:40	0.087	0.149	0.491
H12STM1505	JUNCTION	30.59	30.59	0	00:40	0.0258	0.0258	1.702
H12STM1506	JUNCTION	63.12	78.80	0	00:40	0.0548	0.0802	1.711
H12STM1537	JUNCTION	30.57	30.57	0	00:40	0.026	0.026	0.309
H13STM1494	JUNCTION	32.13	32.13	0	00:40	0.0269	0.0269	0.432
H13STM1519	JUNCTION	148.74	148.74	0	00:40	0.134	0.134	-1.779
H13STM1531	JUNCTION	60.02	60.02	0	00:40	0.0523	0.0523	2.120
H13STM1532	JUNCTION	106.57	447.26	0	00:40	0.0981	0.788	0.751
H13STM1533	JUNCTION	57.74	437.31	0	00:39	0.0507	0.832	-0.359
H13STM2276	JUNCTION	73.94	354.19	0	00:40	0.0601	0.641	0.414
H14STM1518	JUNCTION	182.54	277.44	0	00:40	0.173	0.325	-0.410
H14STM69	JUNCTION	110.76	202.39	0	00:40	0.0922	0.173	-0.180
H14STM70	JUNCTION	94.37	94.37	0	00:40	0.0807	0.0807	0.006
H7STM133	JUNCTION	26.89	529.59	0	00:40	0.0232	0.925	-0.554
H8STM134	JUNCTION	64.87	334.80	0	00:40	0.0568	0.601	0.001
H8STM135	JUNCTION	154.57	316.47	0	00:40	0.146	0.543	-0.056
H8STM136	JUNCTION	54.15	215.05	0	00:40	0.0461	0.396	-0.203
H8STM137	JUNCTION	47.36	223.90	0	00:40	0.0402	0.35	-0.093
H9STM138	JUNCTION	306.87	306.87	0	00:40	0.312	0.312	0.726
HPMH1	JUNCTION	51.19	424.99	0	00:40	0.0601	2.01	-0.168
HPMH10	JUNCTION	60.40	60.40	0	00:40	0.0532	0.0532	-0.044
HPMH11	JUNCTION	0.00	85.16	0	00:41	0	0.0101	279.385
HPMH12	JUNCTION	104.64	116.14	0	00:39	0.268	0.269	2.521
HPMH13	JUNCTION	124.73	124.73	0	00:40	0.117	0.186	1.805

HPMH14	JUNCTION	0.00	109.55	0	00:38	0	0.181	3.258
HPMH15	JUNCTION	94.58	337.52	0	00:41	0.0926	0.739	1.148
HPMH16	JUNCTION	213.40	3564.26	0	01:03	0.677	18.4	0.242
HPMH17	JUNCTION	148.77	184.75	0	00:40	0.162	0.481	2.141
HPMH18	JUNCTION	44.52	107.70	0	00:40	0.0411	0.34	-0.150
HPMH19	JUNCTION	62.25	87.53	0	00:40	0.075	0.0885	-0.261
HPMH2	JUNCTION	28.00	3776.95	0	01:06	0.0247	18.2	0.664
HPMH20	JUNCTION	0.00	102.60	0	00:42	0	0.254	2.512
HPMH21	JUNCTION	0.00	25.74	0	00:42	0	0.00137	76.467
HPMH22	JUNCTION	0.00	3452.67	0	00:52	0	14.2	0.291
HPMH23	JUNCTION	99.98	100.84	0	00:40	0.11	0.349	1.240
HPMH25	JUNCTION	0.00	103.63	0	00:42	0	0.249	2.680
HPMH26	JUNCTION	15.97	3386.24	0	00:54	0.0124	14.2	0.268
HPMH28	JUNCTION	0.00	2669.92	0	00:40	0	10.9	0.183
HPMH29	JUNCTION	0.00	3908.38	0	01:02	0	18.6	1.134
HPMH3	JUNCTION	0.00	3344.07	0	00:58	0	14.3	1.570
HPMH33	JUNCTION	93.81	93.81	0	00:40	0.0787	0.0787	0.115
HPMH34	JUNCTION	313.41	406.98	0	00:40	0.313	0.397	-0.557
HPMH36	JUNCTION	182.30	3754.13	0	01:10	0.171	18.5	0.988
HPMH37	JUNCTION	0.00	820.37	0	01:02	0	3.37	0.936
HPMH38	JUNCTION	0.00	67.61	0	01:03	0	0.489	0.628
HPMH39	JUNCTION	0.00	3789.63	0	01:07	0	18.4	0.694
HPMH4	JUNCTION	0.00	3366.23	0	00:56	0	14.1	0.284
HPMH40	JUNCTION	0.00	71.96	0	01:12	0	0.288	0.597
HPMH41	JUNCTION	0.00	324.98	0	00:40	0	0.828	27.186
HPMH42	JUNCTION	107.75	202.86	0	00:40	0.194	0.394	12.441
HPMH43	JUNCTION	0.00	628.45	0	00:45	0	2.26	-0.313
HPMH44	JUNCTION	137.52	3139.72	0	00:53	0.141	13.3	0.133
HPMH45	JUNCTION	650.85	1801.62	0	00:42	0.676	18.8	7.340
HPMH46	JUNCTION	441.41	1744.10	0	02:00	0.375	17.9	2.912
HPMH47	JUNCTION	49.70	1933.84	0	01:24	0.0738	15.3	9.061
HPMH48	JUNCTION	0.00	929.61	0	00:48	0	3.21	-0.098
HPMH49	JUNCTION	0.00	3752.07	0	01:09	0	18.3	0.422
HPMH5	JUNCTION	0.00	3794.81	0	01:05	0	18.2	0.280
HPMH51	JUNCTION	264.31	3718.82	0	01:12	0.235	18.4	1.040
HPMH6	JUNCTION	21.19	3806.82	0	01:03	0.0161	18.2	0.212
HPMH7	JUNCTION	22.94	35.49	0	00:40	0.0182	0.0196	2.943
HPMH8	JUNCTION	21.59	52.41	0	00:40	0.0172	0.0186	2.885
HPMH9	JUNCTION	287.22	287.22	0	00:40	0.249	0.249	3.856
I10STM144	JUNCTION	62.08	86.65	0	00:38	0.0516	0.0525	0.004
I10STM145	JUNCTION	19.58	121.18	0	00:38	0.017	0.0734	0.379
I10STM146	JUNCTION	46.24	129.25	0	00:37	0.0386	0.134	0.353
I10STM147	JUNCTION	71.98	141.39	0	00:40	0.0622	0.194	0.150
I10STM93	JUNCTION	71.50	507.87	0	00:40	0.0596	0.535	-2.223
I10STM94	JUNCTION	18.92	1786.96	0	00:44	0.0161	0.624	1.140
I10STM95	JUNCTION	118.92	950.55	0	00:44	0.111	0.739	-0.372
I11STM1501	JUNCTION	13.60	225.65	0	00:38	0.0112	0.405	0.281
I11STM153	JUNCTION	190.56	2872.84	0	00:58	0.229	12.7	-1.180
I11STM154	JUNCTION	175.96	2740.56	0	01:01	0.173	13	0.034
I11STM92	JUNCTION	534.41	534.41	0	00:40	0.482	0.482	1.375
I12STM1471	JUNCTION	0.00	493.19	0	00:38	0	1.17	0.781
I12STM1472	JUNCTION	0.00	26.87	0	00:42	0	0.00208	-1.499
I12STM1473	JUNCTION	6.77	517.52	0	00:38	0.0058	1.17	-0.138
I12STM1481	JUNCTION	0.00	758.35	0	00:39	0	1.18	-0.895
I12STM1483	JUNCTION	96.74	142.38	0	00:40	0.0877	0.17	1.791
I12STM1484	JUNCTION	8.30	958.10	0	00:44	0.00729	3.1	0.100
I12STM1485	JUNCTION	83.12	1050.85	0	00:50	0.0684	3.44	0.036
I12STM1486	JUNCTION	112.66	128.02	0	00:40	0.112	0.14	4.246
I12STM1487	JUNCTION	32.52	32.52	0	00:40	0.0283	0.0283	1.648
I12STM1488	JUNCTION	4.04	577.78	0	00:48	0.00663	1.4	-0.144
I12STM1489	JUNCTION	0.00	479.36	0	00:49	0	1.18	-0.531
I12STM1502	JUNCTION	58.47	239.51	0	00:38	0.0584	0.465	-0.291
I12STM1503	JUNCTION	14.79	273.25	0	00:38	0.0126	0.56	0.000
I12STM1504	JUNCTION	0.00	65.93	0	00:38	0	0.08	-1.813
I12STM1507	JUNCTION	94.06	609.70	0	00:48	0.0794	1.46	-0.266
I12STM1508	JUNCTION	0.00	1352.09	0	00:49	0	4.11	0.341
I12STM1511	JUNCTION	0.00	113.83	0	00:39	0	0.389	0.443
I12STM1513	JUNCTION	0.00	506.97	0	00:51	0	2.55	0.085
I12STM1514	JUNCTION	0.00	584.44	0	00:51	0	2.93	0.200
I12STM1515	JUNCTION	0.00	580.97	0	00:51	0	2.91	0.324
I13STM1474	JUNCTION	102.37	558.97	0	00:38	0.0941	1.16	0.074
I13STM1475	JUNCTION	42.05	473.61	0	00:39	0.0349	1.01	-0.296
I13STM1476	JUNCTION	147.96	147.96	0	00:40	0.122	0.122	4.325
I13STM1477	JUNCTION	16.42	22.79	0	00:39	0.0133	0.0135	0.013
I13STM1478	JUNCTION	124.27	548.31	0	00:40	0.207	0.797	0.476

I13STM1479	JUNCTION	88.79	571.77	0	00:41	0.0788	0.872	0.014
I13STM1480	JUNCTION	22.20	583.68	0	00:41	0.0188	0.891	0.454
I13STM1482	JUNCTION	32.17	77.80	0	00:40	0.0279	0.0826	0.960
I13STM1496	JUNCTION	88.65	159.85	0	00:39	0.0751	0.167	0.568
I13STM1497	JUNCTION	61.16	61.16	0	00:40	0.055	0.055	0.434
I13STM1525	JUNCTION	100.09	363.61	0	00:40	0.0819	0.593	-0.205
I13STM1526	JUNCTION	162.63	162.63	0	00:40	0.145	0.159	0.541
I13STM1527	JUNCTION	7.59	171.90	0	00:40	0.00627	0.199	-0.128
I13STM1534	JUNCTION	109.67	482.88	0	00:39	0.116	0.952	0.029
I13STM1536	JUNCTION	28.10	471.36	0	00:39	0.0238	0.975	0.427
I14STM1517	JUNCTION	94.76	94.76	0	00:40	0.0779	0.0779	0.038
I14STM1520	JUNCTION	63.57	281.41	0	00:40	0.0531	0.518	0.298
I14STM1521	JUNCTION	128.64	128.64	0	00:40	0.114	0.119	1.459
I14STM1522	JUNCTION	0.00	86.88	0	00:40	0	0.131	-0.065
I14STM1524	JUNCTION	19.29	19.29	0	00:40	0.0163	0.0163	0.383
I14STM1528	JUNCTION	41.89	41.89	0	00:40	0.0353	0.0353	0.640
I14STM1529	JUNCTION	0.00	85.94	0	00:40	0	0.131	-0.172
I14STM1530	JUNCTION	109.66	349.85	0	00:40	0.0985	0.429	1.019
I7STM125	JUNCTION	208.99	329.62	0	00:39	0.189	0.438	0.023
I7STM128	JUNCTION	120.80	213.08	0	00:39	0.115	0.254	0.132
I7STM129	JUNCTION	37.48	88.44	0	00:40	0.0313	0.0972	-0.556
I8STM100	JUNCTION	85.08	913.44	0	00:46	0.0724	2.91	0.117
I8STM101	JUNCTION	0.00	60.35	0	00:40	0	0.0521	0.052
I8STM102	JUNCTION	101.71	162.01	0	00:40	0.0867	0.14	0.007
I8STM103	JUNCTION	60.38	60.38	0	00:40	0.0518	0.0519	-0.226
I8STM104	JUNCTION	32.43	953.20	0	00:38	0.0277	3.34	-0.429
I8STM106	JUNCTION	30.18	820.53	0	01:01	0.025	3.38	0.437
I8STM111	JUNCTION	167.75	199.98	0	00:45	0.151	0.196	0.360
I8STM128	JUNCTION	51.98	51.98	0	00:40	0.0432	0.0433	-0.229
I8STM130	JUNCTION	132.69	262.19	0	00:40	0.125	0.299	-0.620
I8STM131	JUNCTION	20.37	46.14	0	00:41	0.0161	0.0186	-0.503
I8STM132	JUNCTION	47.55	107.37	0	00:40	0.0423	0.0641	0.356
I8STM140	JUNCTION	127.19	1104.85	0	00:45	0.112	0.434	0.251
I8STM141	JUNCTION	70.45	544.10	0	00:46	0.0589	0.51	0.007
I8STM142	JUNCTION	74.52	212.45	0	00:39	0.0676	0.534	-0.066
I8STM151	JUNCTION	54.88	59.02	0	00:38	0.0467	0.0469	-0.177
I8STM152	JUNCTION	140.04	179.37	0	00:39	0.128	0.175	0.294
I8STM99	JUNCTION	111.86	816.39	0	00:38	0.096	2.52	-0.227
I9STM139	JUNCTION	271.86	271.86	0	00:40	0.255	0.255	-3.616
I9STM143	JUNCTION	775.47	775.47	0	00:40	0.954	0.954	0.103
I9STM148	JUNCTION	153.29	265.46	0	00:40	0.144	0.375	0.085
I9STM149	JUNCTION	29.04	61.27	0	00:40	0.0238	0.0412	-0.980
I9STM150	JUNCTION	71.12	114.10	0	00:39	0.0763	0.431	-0.005
I9STM96	JUNCTION	97.62	718.88	0	00:38	0.0813	1.72	-0.303
I9STM97	JUNCTION	101.20	649.50	0	00:39	0.0884	1.8	0.140
I9STM98	JUNCTION	114.94	661.67	0	00:38	0.103	1.9	-0.247
J1	JUNCTION	0.00	6682.62	0	01:46	0	43.7	10.038
J10	JUNCTION	0.00	818.10	0	00:46	0	4.57	-0.045
J100	JUNCTION	313.02	1428.01	0	00:40	0.287	4.53	-0.342
J101	JUNCTION	239.66	2479.86	0	00:41	0.198	5.96	0.231
J102	JUNCTION	50.63	2423.94	0	00:40	0.048	5.69	-0.153
J103	JUNCTION	0.00	3216.00	0	00:50	0	12.5	0.021
J104	JUNCTION	203.36	1206.17	0	00:45	0.232	4.14	0.022
J105	JUNCTION	0.00	1116.81	0	00:45	0	3.91	0.017
J106	JUNCTION	113.61	3268.08	0	00:50	0.202	12.6	1.302
J107	JUNCTION	0.00	277.52	0	00:38	0	0.312	-0.021
J108	JUNCTION	1132.49	1132.49	0	00:40	0.974	0.974	-0.115
J109	JUNCTION	585.68	827.64	0	00:40	0.622	0.934	-0.018
J10STM1873	JUNCTION	39.16	779.73	0	00:42	0.0333	1.73	-0.152
J10STM1874	JUNCTION	51.39	298.38	0	00:41	0.0435	0.285	2.616
J10STM1875	JUNCTION	125.06	185.45	0	00:40	0.123	0.176	-3.371
J10STM1876	JUNCTION	977.10	977.10	0	00:40	1.42	1.45	0.036
J10STM1877	JUNCTION	0.00	148.14	0	00:38	0	0.0333	0.003
J11	JUNCTION	529.30	843.61	0	00:43	0.864	4.62	1.141
J110	JUNCTION	285.72	944.60	0	00:38	0.266	1.2	-1.506
J111	JUNCTION	138.67	138.67	0	00:40	0.12	0.12	-0.016
J112	JUNCTION	0.00	137.53	0	00:40	0	0.12	-0.019
J113	JUNCTION	0.00	132.98	0	00:40	0	0.12	0.042
J114	JUNCTION	224.30	1062.87	0	00:40	0.194	1.53	-0.332
J115	JUNCTION	174.20	1084.28	0	00:38	0.139	1.68	-1.103
J116	JUNCTION	1391.29	2098.16	0	00:40	1.56	3.26	-0.075
J119	JUNCTION	629.62	1395.82	0	00:40	0.552	4.94	0.178
J11STM155	JUNCTION	100.45	2662.41	0	01:06	0.151	13.2	0.040
J11STM156	JUNCTION	0.00	2662.01	0	01:07	0	13.2	0.026
J11STM157	JUNCTION	0.00	3278.02	0	01:05	0	17.8	0.039

J12	JUNCTION	0.00	490.21	0	00:49	0	3.78	0.535
J120	JUNCTION	369.69	1533.38	0	00:40	0.32	5.25	0.187
J121	JUNCTION	172.63	1524.87	0	00:46	0.141	6.57	-0.016
J122	JUNCTION	57.02	57.02	0	00:40	0.0555	0.0555	0.038
J123	JUNCTION	278.42	306.70	0	00:40	0.228	0.327	-0.771
J125	JUNCTION	328.02	328.02	0	00:40	0.319	0.323	0.848
J126	JUNCTION	0.00	211.64	0	00:40	0	0.316	0.378
J127	JUNCTION	63.10	494.49	0	00:38	0.0635	0.929	-0.496
J128	JUNCTION	53.97	263.74	0	00:40	0.0508	0.434	-0.002
J129	JUNCTION	68.30	99.83	0	00:40	0.0596	0.116	-0.665
J13	JUNCTION	0.00	490.34	0	00:49	0	3.81	0.881
J130	JUNCTION	79.18	79.18	0	00:40	0.0695	0.0695	23.808
J131	JUNCTION	45.76	45.76	0	00:40	0.041	0.041	0.286
J132	JUNCTION	49.13	94.01	0	00:40	0.0448	0.0857	-0.270
J133	JUNCTION	153.49	227.15	0	00:39	0.136	0.222	0.069
J134	JUNCTION	0.00	180.24	0	00:40	0	0.222	0.785
J135	JUNCTION	0.00	4.05	0	00:45	0	0.000435	1.187
J136	JUNCTION	0.00	144.55	0	00:40	0	0.22	-0.443
J137	JUNCTION	0.00	144.56	0	00:40	0	0.221	0.409
J138	JUNCTION	182.92	281.97	0	00:38	0.166	0.387	0.987
J139	JUNCTION	0.00	10.54	0	00:47	0	0.00337	0.628
J14	JUNCTION	0.00	3100.81	0	00:52	0	13.2	0.149
J140	JUNCTION	15.75	78.47	0	00:03	0.0098	0.0114	-4.670
J141	JUNCTION	45.03	1037.62	0	00:40	0.0373	2.46	0.065
J142	JUNCTION	0.00	2857.12	0	00:02	0	2.52	0.541
J143	JUNCTION	73.69	509.87	0	00:40	0.0693	1.24	0.154
J144	JUNCTION	147.79	465.41	0	00:40	0.131	1.17	0.333
J145	JUNCTION	240.59	321.74	0	00:40	0.227	1.04	0.257
J146	JUNCTION	0.00	83.01	0	00:40	0	0.82	0.199
J147	JUNCTION	85.59	85.60	0	00:40	0.0725	0.821	0.218
J148	JUNCTION	22.92	22.92	0	00:40	0.0191	0.0191	1.279
J149	JUNCTION	72.37	291.05	0	00:40	0.0671	0.138	-0.161
J15	JUNCTION	0.00	920.16	0	00:49	0	1.95	1.494
J150	JUNCTION	51.62	51.62	0	00:40	0.0436	0.0436	1.686
J151	JUNCTION	743.12	810.66	0	00:39	0.937	1.07	0.335
J152	JUNCTION	99.88	646.22	0	00:40	0.0822	1.14	-0.467
J153	JUNCTION	108.52	108.52	0	00:40	0.0944	0.0944	0.054
J154	JUNCTION	153.41	524.06	0	00:40	0.186	0.574	0.031
J155	JUNCTION	0.00	56.03	0	00:40	0	0.0734	6.316
J156	JUNCTION	0.00	298.14	0	00:56	0	0.128	24.324
J157	JUNCTION	19.68	2255.61	0	00:55	0.0155	1.37	19.848
J16	JUNCTION	685.57	685.57	0	00:40	0.791	0.791	-0.000
J17	JUNCTION	182.42	182.42	0	00:45	0.646	0.646	0.094
J18	JUNCTION	48.59	563.04	0	01:21	0.0446	2.32	23.377
J183	JUNCTION	0.00	484.18	0	00:38	0	1.59	-0.033
J184	JUNCTION	0.00	170.07	0	00:40	0	0.238	-0.177
J185	JUNCTION	100.41	530.43	0	00:38	0.0814	1.58	0.110
J186	JUNCTION	48.50	562.38	0	00:38	0.0442	1.88	-0.028
J188	JUNCTION	11.91	455.63	0	00:38	0.0094	1.45	0.022
J189	JUNCTION	40.28	398.23	0	00:39	0.033	1.31	0.010
J19	JUNCTION	172.59	172.59	0	00:40	0.178	0.178	-0.063
J190	JUNCTION	100.72	454.69	0	00:39	0.0815	1.29	-0.147
J2	JUNCTION	205.56	3547.38	0	01:10	0.707	18.7	0.161
J20	JUNCTION	0.00	233.05	0	02:05	0	2.66	0.100
J206	JUNCTION	17.56	411.45	0	00:40	0.015	0.439	-0.257
J207	JUNCTION	39.87	841.51	0	01:36	0.0334	0.507	-1.712
J208	JUNCTION	69.35	346.71	0	01:36	0.0686	0.597	0.857
J209	JUNCTION	37.25	224.87	0	01:37	0.0311	0.565	-0.177
J21	JUNCTION	0.00	70.44	0	02:02	0	0.761	0.746
J210	JUNCTION	136.27	231.56	0	00:38	0.115	0.729	-0.157
J211	JUNCTION	85.24	200.05	0	00:39	0.0796	0.714	0.044
J212	JUNCTION	179.15	292.26	0	00:39	0.149	0.812	0.043
J213	JUNCTION	84.05	300.22	0	00:39	0.0791	0.869	-0.088
J214	JUNCTION	175.24	389.93	0	00:40	0.145	1.01	0.022
J215	JUNCTION	85.34	376.41	0	00:40	0.0792	1.09	0.018
J22	JUNCTION	0.00	529.76	0	00:40	0	0.414	33.431
J224	JUNCTION	218.13	218.13	0	00:40	0.21	0.21	0.005
J225	JUNCTION	116.95	370.35	0	00:40	0.103	0.353	0.004
J226	JUNCTION	317.81	680.93	0	00:40	0.287	0.64	0.003
J227	JUNCTION	0.00	675.32	0	00:40	0	0.639	0.005
J228	JUNCTION	89.70	1446.25	0	00:40	0.0953	1.58	0.004
J229	JUNCTION	288.65	739.31	0	00:39	0.274	0.848	0.017
J23	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J230	JUNCTION	0.00	498.59	0	00:40	0	0.574	0.002
J231	JUNCTION	0.00	499.80	0	00:40	0	0.574	0.017

J232	JUNCTION	177.84	321.60	0	00:40	0.165	0.295	0.174
J233	JUNCTION	144.43	144.43	0	00:40	0.13	0.13	0.023
J234	JUNCTION	0.00	1454.53	0	00:40	0	1.58	0.022
J235	JUNCTION	58.48	58.48	0	00:40	0.0457	0.0457	-0.003
J236	JUNCTION	80.18	1655.30	0	00:40	0.0801	2.16	2.228
J237	JUNCTION	30.75	1540.86	0	00:40	0.0233	1.88	-0.037
J238	JUNCTION	158.38	1520.51	0	00:40	0.144	1.73	0.138
J239	JUNCTION	0.00	3462.05	0	00:00	0	2.2	2.363
J24	JUNCTION	51.12	173.43	0	00:47	0.046	0.0478	-0.360
J240	JUNCTION	117.61	117.61	0	00:40	0.0989	0.0989	0.554
J241	JUNCTION	86.19	401.83	0	00:40	0.0858	0.387	-0.383
J242	JUNCTION	81.72	1121.17	0	00:40	0.0676	1.33	0.013
J243	JUNCTION	95.99	692.79	0	00:40	0.0831	0.867	-0.343
J244	JUNCTION	229.19	267.34	0	00:40	0.193	0.229	-0.504
J245	JUNCTION	121.01	492.73	0	00:40	0.0976	0.554	0.024
J246	JUNCTION	290.48	383.33	0	00:40	0.334	0.456	0.003
J247	JUNCTION	138.60	138.60	0	00:40	0.122	0.124	0.087
J248	JUNCTION	0.00	562.61	0	00:00	0	1.88	0.639
J25	JUNCTION	22.17	23.40	0	00:41	0.0174	0.0178	2.174
J258	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J259	JUNCTION	94.83	94.83	0	00:40	0.0803	0.0803	0.040
J26	JUNCTION	45.35	58.85	0	00:40	0.0363	0.0622	0.422
J260	JUNCTION	92.12	186.10	0	00:40	0.0801	0.16	0.538
J261	JUNCTION	169.55	351.31	0	00:40	0.15	0.309	-0.078
J262	JUNCTION	118.97	549.75	0	00:39	0.096	0.541	-0.022
J263	JUNCTION	0.00	125.43	0	00:40	0	0.136	0.008
J264	JUNCTION	152.79	152.79	0	00:40	0.136	0.136	0.032
J265	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J266	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J267	JUNCTION	0.00	70.43	0	02:04	0	0.756	0.901
J268	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J269	JUNCTION	47.27	47.27	0	00:40	0.0401	0.0401	0.004
J27	JUNCTION	35.71	175.76	0	00:46	0.0404	0.1	-0.312
J270	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J274	JUNCTION	0.00	3289.39	0	01:04	0	17.7	0.004
J275	JUNCTION	125.28	435.38	0	00:40	0.127	1.11	1.051
J276	JUNCTION	0.00	365.56	0	00:40	0	1.1	-0.445
J277	JUNCTION	0.00	19.15	0	00:42	0	0.0161	-3.784
J278	JUNCTION	0.00	64.73	0	00:39	0	0.0342	6.201
J279	JUNCTION	263.41	263.41	0	00:40	0.247	0.274	1.091
J28	JUNCTION	77.61	183.92	0	00:44	0.0655	0.186	-0.319
J280	JUNCTION	70.50	206.69	0	00:40	0.0755	0.328	1.197
J281	JUNCTION	23.78	663.82	0	00:40	0.019	1.67	0.096
J282	JUNCTION	226.77	516.54	0	00:40	0.209	1.31	0.056
J283	JUNCTION	7.57	35.87	0	00:41	0.0101	0.0122	0.326
J284	JUNCTION	27.58	27.58	0	00:40	0.0211	0.0211	3.226
J285	JUNCTION	53.87	786.87	0	00:40	0.0507	1.92	0.139
J286	JUNCTION	1.14	693.06	0	00:39	0.00202	1.89	-0.661
J287	JUNCTION	49.03	49.03	0	00:40	0.0412	0.0412	-0.037
J288	JUNCTION	101.89	127.04	0	00:40	0.0877	0.129	1.926
J289	JUNCTION	55.55	377.36	0	00:41	0.0474	0.981	0.102
J29	JUNCTION	0.00	146.90	0	02:26	0	0.0636	0.274
J290	JUNCTION	0.00	75.90	0	00:39	0	0.0155	0.040
J291	JUNCTION	146.15	224.68	0	00:39	0.135	0.16	0.482
J292	JUNCTION	64.18	110.93	0	00:48	0.0557	0.106	0.076
J293	JUNCTION	68.90	68.90	0	00:40	0.0567	0.0568	0.211
J294	JUNCTION	0.00	18.00	0	00:42	0	0.00347	0.134
J299	JUNCTION	0.00	19.63	0	00:40	0	0.00224	2.376
J3	JUNCTION	173.30	3562.80	0	01:10	0.164	18.8	0.066
J30	JUNCTION	70.49	174.14	0	00:58	0.0735	0.266	0.440
J300	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J301	JUNCTION	44.12	44.12	0	00:40	0.0365	0.0365	0.071
J302	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J31	JUNCTION	0.00	220.18	0	00:58	0	0.36	-0.048
J32	JUNCTION	0.00	226.42	0	00:56	0	0.415	0.607
J33	JUNCTION	112.31	376.94	0	00:57	0.108	0.573	-0.611
J337	JUNCTION	104.81	13101.00	0	00:01	0.0894	3.62	31.022
J338	JUNCTION	0.00	1122.63	0	00:40	0	1.37	1.963
J34	JUNCTION	51.61	553.75	0	00:57	0.046	0.692	-0.822
J342	JUNCTION	0.00	243.65	0	01:07	0	1.72	0.016
J343	JUNCTION	0.00	243.65	0	01:07	0	1.72	0.128
J344	JUNCTION	29.81	197.01	0	00:39	0.0248	0.454	0.386
J348	JUNCTION	522.20	1827.54	0	02:00	1.56	19	3.384
J349	JUNCTION	21.25	1819.39	0	02:05	0.0386	18.4	2.394
J35	JUNCTION	59.11	1907.61	0	00:55	0.0524	0.923	0.404

J351	JUNCTION	92.52	774.29	0	00:40	0.0826	0.976	-0.314
J352	JUNCTION	110.50	238.28	0	00:40	0.095	0.294	-0.229
J353	JUNCTION	20.42	2372.61	0	01:01	0.0345	21.8	9.093
J354	JUNCTION	111.76	504.24	0	00:40	0.145	0.746	-0.338
J355	JUNCTION	0.00	165.25	0	00:40	0	0.0811	-2.516
J356	JUNCTION	583.07	583.07	0	00:40	0.599	0.887	-0.040
J358	JUNCTION	2062.58	2945.50	0	00:40	2.21	10.7	0.154
J36	JUNCTION	102.65	2071.11	0	00:55	0.163	1.65	0.201
J360	JUNCTION	15.71	2116.60	0	01:16	0.029	20.1	8.336
J362	JUNCTION	305.30	305.30	0	00:40	0.286	0.286	-0.112
J368	JUNCTION	85.62	310.18	0	00:37	0.0823	0.273	21.471
J37	JUNCTION	110.96	911.79	0	00:56	0.0931	1.22	-1.088
J370	JUNCTION	0.00	2115.22	0	02:15	0	19.2	7.588
J372	JUNCTION	521.34	521.34	0	00:40	0.61	0.61	2.091
J373	JUNCTION	192.66	192.66	0	00:40	0.199	0.199	0.054
J374	JUNCTION	372.67	591.22	0	00:42	0.389	1.14	-1.431
J375	JUNCTION	0.00	574.53	0	00:44	0	1.16	0.516
J376	JUNCTION	322.67	322.67	0	00:40	0.376	0.376	-0.008
J377	JUNCTION	191.24	191.24	0	00:40	0.177	0.177	0.308
J378	JUNCTION	85.35	85.35	0	00:40	0.0944	0.0944	0.352
J379	JUNCTION	0.00	1447.04	0	01:46	0	0.202	-1.195
J38	JUNCTION	0.00	595.05	0	00:56	0	2.21	-0.105
J380	JUNCTION	0.00	302.20	0	00:43	0	1.02	0.005
J381	JUNCTION	567.84	567.84	0	00:40	0.528	0.529	0.103
J382	JUNCTION	0.00	526.51	0	00:40	0	0.529	-0.022
J384	JUNCTION	0.00	724.70	0	00:45	0	1.21	0.063
J385	JUNCTION	0.00	83.23	0	00:45	0	0.0879	-0.030
J387	JUNCTION	0.00	31.38	0	00:45	0	0.0806	-0.020
J388	JUNCTION	0.00	57.50	0	00:40	0	0.117	2.491
J389	JUNCTION	500.89	628.49	0	00:57	0.541	0.885	3.131
J39	JUNCTION	0.00	469.89	0	00:57	0	2.06	0.013
J390	JUNCTION	0.00	146.47	0	00:41	0	0.193	0.008
J391	JUNCTION	88.33	88.33	0	00:40	0.0748	0.0748	1.193
J4	JUNCTION	329.57	329.57	0	00:40	0.298	0.298	-0.454
J40	JUNCTION	176.51	474.41	0	00:57	0.179	2.23	0.370
J403	JUNCTION	19.31	6744.11	0	01:31	0.0323	47.5	3.231
J404	JUNCTION	0.00	6633.47	0	01:39	0	45.3	4.394
J407	JUNCTION	0.00	6597.31	0	01:45	0	43.4	0.776
J408	JUNCTION	0.00	6373.42	0	02:07	0	39.7	5.892
J41	JUNCTION	0.00	455.28	0	00:48	0	2.21	-0.199
J42	JUNCTION	479.42	759.20	0	00:40	0.48	2.75	0.006
J420	JUNCTION	558.42	558.42	0	00:40	0.661	0.665	-1.212
J422	JUNCTION	336.12	336.12	0	00:40	0.318	0.318	0.021
J426	JUNCTION	0.00	1461.65	0	00:40	0	1.72	0.017
J427	JUNCTION	189.44	1628.77	0	00:40	0.214	1.93	0.098
J428	JUNCTION	1359.63	1634.33	0	00:40	1.39	1.74	0.045
J429	JUNCTION	0.00	18.98	0	00:31	0	0.00163	-0.313
J43	JUNCTION	0.00	624.23	0	00:40	0	2.74	0.091
J430	JUNCTION	0.00	335.26	0	00:40	0	0.347	-0.342
J431	JUNCTION	352.26	352.26	0	00:40	0.33	0.33	-0.146
J433	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J435	JUNCTION	0.00	28.74	0	00:38	0	0.00119	-0.002
J438	JUNCTION	0.00	838.74	0	00:48	0	1.7	-0.120
J44	JUNCTION	0.00	938.12	0	00:48	0	3.18	0.181
J440	JUNCTION	383.92	2302.31	0	00:41	0.306	3.79	-0.046
J441	JUNCTION	689.75	1275.48	0	00:40	0.589	4.38	-0.041
J442	JUNCTION	140.90	140.90	0	00:40	0.109	0.109	0.487
J444	JUNCTION	96.30	234.58	0	00:40	0.117	0.225	2.027
J45	JUNCTION	0.00	669.93	0	00:48	0	3.01	0.090
J453	JUNCTION	0.00	2338.84	0	00:55	0	1.44	7.844
J454	JUNCTION	0.00	71.42	0	00:43	0	0.495	5.383
J455	JUNCTION	0.00	100.65	0	00:43	0	0.539	3.103
J46	JUNCTION	188.67	703.25	0	00:41	0.221	3.23	0.148
J469	JUNCTION	0.00	114.15	0	00:39	0	0.43	0.399
J47	JUNCTION	0.00	660.84	0	00:41	0	3.22	0.172
J471	JUNCTION	61.63	168.49	0	00:40	0.0532	0.248	0.259
J472	JUNCTION	0.00	386.13	0	00:41	0	0.934	0.010
J473	JUNCTION	83.42	83.42	0	00:40	0.103	0.113	-0.150
J477	JUNCTION	100.66	114.08	0	00:40	0.0842	0.109	0.759
J478	JUNCTION	11.72	46.46	0	00:40	0.00937	0.0112	0.225
J479	JUNCTION	249.72	249.72	0	00:40	0.24	0.24	0.732
J48	JUNCTION	0.00	650.42	0	00:41	0	3.67	0.157
J480	JUNCTION	62.30	62.30	0	00:40	0.0523	0.0523	-0.049
J481	JUNCTION	120.83	120.83	0	00:40	0.102	0.114	0.047
J482	JUNCTION	140.43	140.43	0	00:40	0.13	0.13	-0.031

J483	JUNCTION	73.66	146.52	0	00:46	0.0637	0.147	-5.052
J484	JUNCTION	169.55	748.42	0	00:40	0.143	0.177	3.248
J485	JUNCTION	84.27	569.87	0	00:38	0.0738	1.95	-0.004
J49	JUNCTION	0.00	210.98	0	00:43	0	0.707	0.061
J493	JUNCTION	198.64	236.31	0	00:40	0.174	0.509	0.004
J499	JUNCTION	145.24	1440.90	0	00:45	0.13	5.37	-0.043
J5	JUNCTION	437.06	2118.22	0	00:40	0.378	3.03	3.579
J50	JUNCTION	0.00	134.71	0	00:48	0	0.719	0.043
J51	JUNCTION	0.00	317.07	0	00:48	0	1.35	-0.322
J510	JUNCTION	677.64	1516.01	0	00:47	0.599	5.97	0.053
J516	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J519	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J52	JUNCTION	205.79	715.13	0	00:40	0.203	3.84	0.028
J521	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J525	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J527	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J528	JUNCTION	238.61	238.61	0	00:40	0.204	0.204	0.510
J529	JUNCTION	313.26	439.38	0	00:45	0.925	2.79	36.446
J53	JUNCTION	0.00	683.46	0	00:40	0	3.84	0.091
J535	JUNCTION	60.20	60.20	0	00:40	0.0622	0.0675	5.015
J537	JUNCTION	0.00	19.32	0	00:35	0	0.00209	-0.577
J54	JUNCTION	0.00	660.16	0	00:40	0	3.84	0.054
J55	JUNCTION	0.00	320.81	0	00:43	0	0.91	0.176
J56	JUNCTION	0.00	649.46	0	00:40	0	3.83	0.128
J57	JUNCTION	0.00	633.03	0	00:40	0	3.83	0.088
J58	JUNCTION	0.00	581.89	0	01:00	0	3.82	0.040
J59	JUNCTION	0.00	578.14	0	01:01	0	3.82	0.111
J6	JUNCTION	913.37	1251.20	0	00:45	0.854	3.78	-1.753
J60	JUNCTION	0.00	584.06	0	00:58	0	3.83	0.083
J61	JUNCTION	22.50	55.82	0	00:37	0.0182	0.0185	-0.216
J62	JUNCTION	49.00	299.55	0	00:43	0.0697	0.271	0.990
J63	JUNCTION	189.58	297.52	0	00:42	0.336	0.582	1.943
J64	JUNCTION	63.44	304.30	0	00:42	0.0569	0.601	7.052
J65	JUNCTION	57.76	266.09	0	00:41	0.0668	0.627	6.202
J66	JUNCTION	15.36	116.98	0	00:40	0.0131	0.493	6.824
J67	JUNCTION	262.08	262.08	0	00:40	0.7	0.7	2.026
J68	JUNCTION	0.00	9.91	0	02:21	0	0.114	1.195
J69	JUNCTION	0.00	490.60	0	00:48	0	3.82	0.127
J7	JUNCTION	0.00	398.96	0	00:40	0	0.552	-1.287
J70	JUNCTION	0.00	3562.67	0	01:11	0	18.8	0.287
J71	JUNCTION	0.00	3862.99	0	01:10	0	21	2.886
J72	JUNCTION	0.00	5717.02	0	01:17	0	30	1.170
J73	JUNCTION	0.00	802.12	0	00:42	0	1.44	-0.147
J74	JUNCTION	0.00	768.62	0	00:40	0	1.13	0.706
J75	JUNCTION	0.00	758.82	0	00:44	0	1.45	0.646
J76	JUNCTION	201.56	1123.18	0	00:40	0.26	1.95	0.936
J77	JUNCTION	0.00	3116.74	0	00:51	0	13.2	0.484
J78	JUNCTION	286.62	958.89	0	00:53	0.411	2.34	0.422
J79	JUNCTION	0.00	684.37	0	00:40	0	0.791	-0.007
J7STM109	JUNCTION	63.74	98.18	0	00:37	0.0521	0.502	1.010
J7STM110	JUNCTION	102.99	1662.69	0	00:40	0.0832	4.74	0.419
J7STM122	JUNCTION	277.32	1118.70	0	00:43	0.251	3.66	0.040
J7STM123	JUNCTION	12.54	1147.94	0	00:41	0.0101	3.69	-0.128
J7STM124	JUNCTION	30.58	1355.21	0	00:41	0.0248	3.96	-0.163
J8	JUNCTION	217.63	403.60	0	00:42	0.194	0.753	0.154
J80	JUNCTION	155.58	1078.92	0	00:39	0.167	1.93	-0.955
J81	JUNCTION	744.87	1418.59	0	00:40	0.738	1.53	-0.501
J83	JUNCTION	33.09	463.27	0	00:45	0.0443	0.721	-0.006
J84	JUNCTION	0.00	463.88	0	00:45	0	0.721	-3.941
J85	JUNCTION	271.14	365.68	0	01:06	0.266	1.73	5.909
J86	JUNCTION	0.00	347.06	0	01:05	0	1.56	5.707
J87	JUNCTION	0.00	371.05	0	00:48	0	1.63	7.603
J88	JUNCTION	0.00	715.50	0	00:46	0	1.9	17.908
J89	JUNCTION	0.00	785.47	0	00:41	0	1.93	1.253
J8STM112	JUNCTION	120.35	120.35	0	00:40	0.11	0.11	0.803
J8STM113	JUNCTION	25.88	930.29	0	00:49	0.0215	3.21	-0.032
J8STM117	JUNCTION	0.00	758.20	0	00:51	0	2.62	-0.102
J8STM118	JUNCTION	15.65	69.03	0	00:38	0.0121	0.0292	0.062
J8STM119	JUNCTION	479.58	479.58	0	00:40	0.473	0.473	1.454
J8STM120	JUNCTION	193.71	988.18	0	00:47	0.172	3.38	-0.153
J8STM121	JUNCTION	0.00	997.18	0	00:46	0	3.41	-0.222
J9	JUNCTION	43.46	1066.92	0	00:51	0.0395	5.1	0.208
J90	JUNCTION	262.45	902.21	0	00:41	1.04	2	-0.101
J91	JUNCTION	0.00	108.07	0	00:40	0	0.129	0.331
J92	JUNCTION	0.00	99.54	0	00:43	0	0.0533	3.363

J93	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J94	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J95	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J96	JUNCTION	0.00	350.84	0	01:07	0	1.59	2.456
J97	JUNCTION	0.00	2426.55	0	00:40	0	5.65	0.055
J98	JUNCTION	1129.98	2487.85	0	00:40	1.11	5.66	0.266
J99	JUNCTION	112.77	1243.54	0	00:45	0.105	4.25	0.049
J9STM114	JUNCTION	130.86	130.86	0	00:40	0.112	0.112	0.409
J9STM115	JUNCTION	22.70	800.20	0	00:39	0.0182	2.6	0.003
J9STM116	JUNCTION	17.25	934.70	0	00:45	0.0135	2.47	0.249
J9STM1871	JUNCTION	543.40	998.56	0	00:40	0.678	2.46	0.021
J9STM1872	JUNCTION	118.78	701.51	0	00:40	0.108	1.78	-0.131
SU3	JUNCTION	0.00	2123.20	0	00:55	0	13	6.799
J423	OUTFALL	7686.75	7686.75	0	00:40	14.6	52.1	0.000
J82	OUTFALL	41.99	638.90	0	00:52	0.0409	2.23	0.000
Lagoons	OUTFALL	4405.35	4405.35	0	00:40	12.3	12.3	0.000
Marina_Bay	OUTFALL	945.27	1935.33	0	01:10	0.897	15.6	0.000
OF1	OUTFALL	729.38	729.38	0	00:40	0.713	0.713	0.000
OF2	OUTFALL	3045.97	3085.33	0	00:40	4.6	6.65	0.000
Beacon_Hill	STORAGE	86.10	1625.48	0	00:45	0.0918	3.46	7.936
Crestview	STORAGE	116.52	1762.17	0	00:40	0.207	5.97	0.038
Crestview1	STORAGE	119.98	2308.29	0	00:40	0.116	7.8	3.611
Fox_Run_PH14	STORAGE	34.01	34.01	0	00:40	0.0302	0.0317	0.021
Fox_Run_PH6-7	STORAGE	206.56	4231.57	0	00:50	0.203	13.9	2.528
GCMH130	STORAGE	14.96	189.95	0	00:40	0.0264	0.326	8.253
GCMH4	STORAGE	11.94	11.94	0	00:45	0.025	0.025	0.209
Golf_Course1	STORAGE	118.84	1382.21	0	00:40	0.134	2.14	-9.891
Golf_Course2	STORAGE	0.00	1283.49	0	00:00	0	2.45	1.317
Greyhawk	STORAGE	112.16	112.16	0	00:45	0.214	19.3	0.000
Hewlett_Park	STORAGE	327.72	937.40	0	01:00	0.313	3.89	1.314
Hewlett_Park_Wetland	STORAGE	103.91	3929.12	0	01:13	0.108	19.1	4.842
Iron_Gate_Pond_1	STORAGE	0.00	0.00	0	00:00	0	0	0.000 ltr
Iron_Gate_Pond_2	STORAGE	0.00	0.00	0	00:00	0	0	0.000 ltr
Lakeway_Landing_Ph2	STORAGE	71.80	3491.59	0	00:42	0.0722	7.89	6.029
Lakeway_Landing_Phase1	STORAGE	36.67	512.87	0	00:40	0.0418	1.14	0.048
Norell_Business_Park	STORAGE	59.05	59.05	0	00:45	0.118	0.118	0.011
Pier_View	STORAGE	19.38	1356.50	0	00:40	0.0177	1.72	0.077
Ryders_Ridge	STORAGE	301.81	1524.59	0	00:49	0.307	3.13	0.082
SU1	STORAGE	5.32	1049.98	0	00:45	0.00713	1.5	1.719
Tank1-S3435	STORAGE	92.01	94.74	0	00:40	0.117	0.118	0.006
Tank2-S3547	STORAGE	94.74	94.74	0	00:40	0.119	0.119	0.009
Waterford_Station_Pond1	STORAGE	1930.72	1930.72	0	00:40	2.75	4.44	0.326
Waterford_Station_Pond2	STORAGE	2181.41	2181.41	0	00:40	3.55	15.5	0.003
Waterford_Station_Pond3	STORAGE	1210.23	1210.23	0	00:40	1.27	3.14	0.006
Westwood_Lane	STORAGE	0.00	624.95	0	00:42	0	0.797	6.635
Willow_Springs	STORAGE	0.00	1126.47	0	01:12	0	3.62	1.057

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Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Meters	Min. Depth Below Rim Meters
737	JUNCTION	0.07	0.051	0.626
739	JUNCTION	0.19	1.212	0.000
740	JUNCTION	0.16	0.943	0.000
741	JUNCTION	0.20	1.044	0.000
746	JUNCTION	0.19	1.103	0.000
753	JUNCTION	0.10	0.541	0.659
755	JUNCTION	0.20	1.353	0.000
A12STM51	JUNCTION	0.23	1.103	0.367
A13STM44	JUNCTION	0.26	2.176	0.000
A13STM45	JUNCTION	0.35	1.931	1.619
A15STM7	JUNCTION	0.16	0.895	0.430
B11STM233	JUNCTION	1.17	1.795	0.000
B13STM41	JUNCTION	0.18	0.459	1.306
B13STM42	JUNCTION	0.30	1.526	1.209
B13STM43	JUNCTION	0.33	2.641	0.759
B14STM39	JUNCTION	0.20	1.801	0.054
B14STM40	JUNCTION	0.18	1.555	0.000

B15STM11	JUNCTION	0.07	0.533	2.017
B15STM12	JUNCTION	0.05	0.533	0.967
B15STM22	JUNCTION	0.14	1.414	0.086
B6STM173	JUNCTION	0.80	1.360	1.096
B6STM174	JUNCTION	0.90	1.260	0.580
B7STM170	JUNCTION	0.11	0.523	1.121
C11STM234	JUNCTION	1.15	3.254	0.000
C11STM235	JUNCTION	1.13	3.711	0.000
C11STM236	JUNCTION	1.12	4.155	0.000
C11STM237	JUNCTION	1.11	3.875	0.000
C11STM257	JUNCTION	0.37	0.255	0.000
C13STM218	JUNCTION	0.04	0.129	1.315
C14STM211	JUNCTION	0.27	2.269	0.000
C14STM213	JUNCTION	0.22	1.000	0.569
C15STM196	JUNCTION	0.06	2.000	0.000
C17STM1078	JUNCTION	0.13	1.411	0.000
C17STM1079	JUNCTION	0.21	1.613	0.000
C17STM1081	JUNCTION	0.16	1.523	0.000
CULV5315	JUNCTION	0.24	0.000	0.000
F9STM264	JUNCTION	2.41	2.082	0.000
GCMH107	JUNCTION	0.10	0.000	0.000
GCMH111	JUNCTION	1.07	1.738	0.245
GCMH17	JUNCTION	2.90	0.353	2.291
GCMH18	JUNCTION	3.10	0.389	2.630
GCMH22	JUNCTION	3.40	4.876	8.828
GCMH23	JUNCTION	3.98	2.973	0.000
GCMH24	JUNCTION	3.01	0.616	2.039
GCMH46	JUNCTION	0.51	2.478	0.000
GCMH47	JUNCTION	0.31	0.610	0.000
GCMH63	JUNCTION	0.83	0.677	1.059
GCMH67	JUNCTION	0.07	0.249	1.672
GCMH68	JUNCTION	0.09	0.291	1.629
GCMH69	JUNCTION	0.38	1.565	0.000
GCMH70	JUNCTION	0.37	1.715	0.000
GCMH72	JUNCTION	0.26	1.451	0.000
GCMH74	JUNCTION	0.20	1.342	0.000
GCMH81	JUNCTION	3.16	0.775	0.000
GCMH97	JUNCTION	0.12	2.613	0.000
HPMH10	JUNCTION	0.55	1.279	0.000
HPMH11	JUNCTION	2.44	1.800	0.000
HPMH12	JUNCTION	3.34	1.877	0.000
HPMH13	JUNCTION	0.07	1.198	0.472
HPMH14	JUNCTION	0.49	0.089	1.880
HPMH15	JUNCTION	0.97	0.044	1.429
HPMH17	JUNCTION	0.01	0.096	1.946
HPMH20	JUNCTION	3.34	2.027	0.000
HPMH21	JUNCTION	1.62	1.870	0.000
HPMH23	JUNCTION	0.70	0.117	0.215
HPMH25	JUNCTION	3.35	1.642	0.000
HPMH33	JUNCTION	0.01	0.031	0.553
HPMH38	JUNCTION	3.37	0.537	0.163
HPMH7	JUNCTION	0.39	0.566	0.002
HPMH8	JUNCTION	0.43	0.676	0.000
I12STM1472	JUNCTION	0.23	1.513	0.000
I12STM1507	JUNCTION	1.12	2.852	0.000
I12STM1508	JUNCTION	0.12	0.049	1.203
I12STM1511	JUNCTION	1.08	2.020	0.000
I12STM1513	JUNCTION	2.05	2.255	0.000
I12STM1514	JUNCTION	1.00	1.205	0.485
I13STM1477	JUNCTION	0.22	2.094	0.000
I8STM101	JUNCTION	1.50	0.992	0.000
I8STM103	JUNCTION	1.39	0.865	0.000
I8STM111	JUNCTION	0.82	0.300	0.000
I8STM142	JUNCTION	1.47	1.714	0.000
I9STM149	JUNCTION	0.65	0.133	0.000
I9STM150	JUNCTION	1.24	1.044	0.000
J107	JUNCTION	0.07	1.065	0.235
J108	JUNCTION	0.08	0.000	0.000
J120	JUNCTION	1.19	1.510	0.000
J137	JUNCTION	0.34	2.900	0.000
J142	JUNCTION	0.01	1.468	0.000
J150	JUNCTION	0.16	2.217	0.000
J156	JUNCTION	3.24	0.300	0.000
J22	JUNCTION	0.22	0.000	0.000
J239	JUNCTION	3.99	2.717	0.000

J24	JUNCTION	0.17	0.550	0.000
J248	JUNCTION	3.99	4.275	0.000
J25	JUNCTION	0.06	0.533	2.141
J27	JUNCTION	0.68	0.550	0.000
J28	JUNCTION	0.93	0.550	0.000
J283	JUNCTION	0.57	1.660	0.000
J286	JUNCTION	0.82	3.757	0.000
J337	JUNCTION	3.97	2.500	0.000
J338	JUNCTION	3.40	2.545	0.000
J344	JUNCTION	1.23	1.087	0.000
J362	JUNCTION	0.62	1.402	0.000
J375	JUNCTION	1.03	0.332	0.000
J379	JUNCTION	0.49	0.064	0.000
J387	JUNCTION	1.98	1.644	0.160
J422	JUNCTION	0.10	1.400	0.000
J427	JUNCTION	0.13	0.000	0.000
J429	JUNCTION	1.24	0.636	0.189
J435	JUNCTION	0.51	1.515	0.019
J469	JUNCTION	1.17	1.899	0.000
J50	JUNCTION	2.23	1.665	0.823
J537	JUNCTION	1.35	0.950	0.000
J61	JUNCTION	1.06	1.293	0.000
J62	JUNCTION	1.32	0.640	0.000
J63	JUNCTION	1.67	0.650	0.000
J64	JUNCTION	2.49	0.713	0.000
J65	JUNCTION	3.30	0.650	0.000
J66	JUNCTION	3.30	0.850	0.000
J7STM109	JUNCTION	1.28	1.105	0.000
J8STM119	JUNCTION	0.10	0.038	0.000

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Node Flooding Summary
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Flooding refers to all water that overflows a node, whether it ponds or not.

Node	Hours Flooded	Maximum Rate LPS	Total Time of Max Occurrence days	Time of Max Occurrence hr:min	Maximum Flood Volume 10^6 ltr	Ponded Depth Meters
739	0.01	54.32	0	00:38	0.000	0.000
740	0.01	58.56	0	00:39	0.000	0.000
741	0.01	86.14	0	00:38	0.000	0.000
746	0.01	61.18	0	00:38	0.000	0.000
755	0.03	39.35	0	00:40	0.002	0.000
A13STM44	0.01	47.93	0	00:39	0.000	0.500
B11STM233	0.01	139.39	0	00:37	0.000	0.300
B14STM40	0.01	31.64	0	00:39	0.000	0.300
C11STM234	0.01	108.10	0	00:37	0.000	0.300
C11STM236	0.01	262.37	0	00:38	0.000	0.300
C14STM211	0.01	57.27	0	00:38	0.000	0.300
C15STM196	0.01	18.61	0	00:40	0.000	0.300
C17STM1078	0.01	59.53	0	00:40	0.000	0.300
C17STM1079	0.01	42.74	0	00:38	0.000	0.300
C17STM1081	0.01	34.99	0	00:39	0.000	0.300
CULV5315	0.24	850.48	0	00:53	0.373	0.000
F9STM264	0.01	23.05	0	00:40	0.000	0.300
GCMH107	0.09	79.50	0	00:45	0.017	0.000
GCMH23	0.01	170.60	0	00:01	0.000	0.300
GCMH47	0.21	260.78	0	00:47	0.153	0.300
GCMH69	0.01	21.11	0	00:40	0.000	0.300
GCMH70	0.01	37.59	0	00:41	0.000	0.300
GCMH72	0.01	31.39	0	00:42	0.000	0.300
GCMH74	0.01	34.17	0	00:39	0.000	0.300
GCMH79	0.70	387.35	0	00:55	0.596	0.000
GCMH97	0.01	42.07	0	00:40	0.000	0.300
HPMH10	0.01	27.68	0	00:38	0.000	0.300
HPMH11	0.01	73.68	0	00:41	0.000	0.300
HPMH12	0.01	103.77	0	00:39	0.000	0.300
HPMH20	0.01	10.10	0	00:39	0.000	0.300
HPMH21	0.01	25.48	0	00:42	0.000	0.300
HPMH25	0.01	48.44	0	00:38	0.000	0.300
HPMH8	0.01	44.40	0	00:40	0.000	0.300

I12STM1507	0.01	122.90	0	00:38	0.000	0.300
I12STM1511	0.01	75.45	0	00:40	0.000	0.300
I12STM1513	0.01	71.01	0	00:38	0.000	0.300
I13STM1477	0.01	12.83	0	00:39	0.000	0.300
I8STM103	0.01	13.03	0	00:38	0.000	0.300
I8STM111	0.01	64.64	0	00:46	0.000	0.300
I8STM142	0.01	17.94	0	00:36	0.000	0.300
I9STM150	0.01	29.90	0	00:40	0.001	0.300
J108	0.08	472.22	0	00:40	0.084	0.000
J120	0.01	887.58	0	00:44	0.002	0.300
J137	0.01	25.92	0	00:37	0.000	0.300
J142	0.01	2475.43	0	00:02	0.010	0.300
J150	0.01	41.66	0	00:40	0.000	0.300
J156	0.08	298.12	0	00:56	0.037	0.300
J22	0.22	400.61	0	00:45	0.226	0.000
J239	0.01	2916.26	0	00:00	0.006	0.300
J24	0.01	106.10	0	00:47	0.000	0.000
J248	0.01	445.65	0	00:00	0.001	0.300
J27	0.01	130.10	0	00:47	0.001	0.000
J28	0.01	78.86	0	00:46	0.001	0.000
J283	0.01	21.20	0	00:41	0.000	0.300
J286	0.01	448.06	0	00:39	0.000	0.300
J337	0.01	12882.82	0	00:01	0.133	0.300
J338	0.01	601.86	0	00:00	0.001	0.300
J344	0.01	193.71	0	00:39	0.001	0.300
J362	0.05	86.29	0	00:40	0.007	0.500
J422	0.04	93.96	0	00:40	0.006	0.500
J427	0.13	786.47	0	00:40	0.164	0.000
J469	0.01	14.75	0	00:37	0.000	0.300
J537	0.01	17.29	0	00:35	0.000	0.300
J61	0.01	50.68	0	00:37	0.000	0.300
J62	0.01	4.66	0	00:46	0.000	0.000
J63	0.01	143.36	0	00:43	0.000	0.000
J64	0.01	257.99	0	00:42	0.001	0.000
J65	0.62	211.03	0	00:42	0.110	0.000
J66	0.01	2.51	0	00:42	0.000	0.000
Fox_Run_PH6-7	0.76	1293.67	0	01:33	1.688	0.000
Westwood_Lane	0.61	565.38	0	00:42	0.368	0.000
Willow_Springs	1.46	1126.47	0	01:12	3.273	0.000

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Storage Volume Summary
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Storage Unit	Average Volume 1000 m3	Avg Pcnt	Evap Pcnt	Exfil Pcnt Full	Loss	Maximum Volume Loss	Max Pcnt 1000 m3	Time of Max Occurrence Full	days	hr:min	Maximum Outflow LPS
Beacon_Hill	1.836	6	0	0		2.503	9	0	01	:54	149.75
Crestview	5.005	28	0	0		5.383	31	0	02	:02	3462.05
Crestview1	4.427	25	0	0		4.840	28	0	02	:08	13222.09
Fox_Run_PH14	0.004	0	0	0		0.018	1	0	00	:55	7.95
Fox_Run_PH6-7	6.392	78	0	0		8.239	100	0	01	:33	465.74
GCMH130	0.069	3	0	0		0.120	5	0	01	:31	31.23
GCMH4	0.003	0	0	0		0.011	0	0	01	:11	6.50
Golf_Course1	0.125	14	0	0		0.473	53	0	00	:00	1283.49
Golf_Course2	0.289	44	0	0		0.400	61	0	00	:52	628.49
Greyhawk	19.285	35	0	0		19.328	36	0	01	:44	0.61
Hewlett_Park	2.698	36	0	0		3.745	49	0	02	:34	45.85
Hewlett_Park_Wetland	4.156	64	0	0		5.907	91	0	02	:20	1923.54
Iron_Gate_Pond_1	0.000	0	0	0		0.000	0	0	00	:00	0.00
Iron_Gate_Pond_2	0.000	0	0	0		0.000	0	0	00	:00	0.00
Lakeway_Landing_Ph2	4.636	37	0	0		5.496	44	0	02	:05	301.02
Lakeway_Landing_Phase1	0.687	34	0	0		0.901	45	0	00	:56	163.75
Norell_Business_Park	0.094	2	0	0		0.118	2	0	01	:48	0.00
Pier_View	0.271	16	0	0		0.882	53	0	01	:07	243.65
Ryders_Ridge	2.126	11	0	0		3.102	16	0	01	:34	215.17
SU1	0.106	9	0	0		0.347	31	0	00	:55	485.30
Tank1-S3435	0.070	57	0	0		0.092	75	0	02	:02	4.82
Tank2-S3547	0.084	14	0	0		0.106	18	0	02	:12	2.21
Waterford_Station_Pond1	3.565	43	0	0		4.080	50	0	02	:30	924.88
Waterford_Station_Pond2	14.559	43	0	0		15.258	45	0	02	:37	34.74
Waterford_Station_Pond3	2.837	39	0	0		3.068	42	0	02	:21	9.91

Westwood_Lane	0.026	66	0	0	0.040	100	0	00:41	59.56
Willow_Springs	0.024	77	0	0	0.031	100	0	00:59	289.97

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Outfall Loading Summary
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Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
J423	95.78	3990.83	7686.75	52.147
J82	99.49	147.65	638.90	2.227
Lagoons	95.76	902.77	4405.35	12.298
Marina_Bay	95.77	1191.49	1935.33	15.603
OF1	95.74	51.92	729.38	0.713
OF2	99.80	473.68	3085.33	6.650
System	97.06	6758.35	17924.39	89.639

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Link Flow Summary
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Link	Type	Maximum |Flow| LPS	Time of Max Occurrence days	hr:min	Maximum |Veloc| m/sec	Max/ Full Flow	Max/ Full Depth
1000	CONDUIT	842.24	0	00:41	1.55	0.72	0.88
1000-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
1001	CONDUIT	818.84	0	00:42	1.35	1.30	0.97
1001-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
1002	CONDUIT	721.69	0	00:40	2.55	1.77	1.00
1003	CONDUIT	348.62	0	00:44	1.23	2.09	1.00
1003-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
1004	CONDUIT	21.13	0	00:40	0.49	0.33	1.00
1005	CONDUIT	78.62	0	00:39	1.33	0.86	1.00
1005-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
1006	CONDUIT	140.41	0	00:39	1.99	2.30	1.00
1007	CONDUIT	132.10	0	00:39	1.87	1.47	1.00
1007-S	CHANNEL	0.58	0	00:41	0.08	0.00	0.03
1008	CONDUIT	124.04	0	00:48	0.78	1.11	1.00
1008-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
1009	CONDUIT	325.21	0	00:41	1.15	1.51	1.00
1009-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
1011	CONDUIT	548.50	0	00:42	1.94	2.73	1.00
993	CONDUIT	109.12	0	00:40	1.24	0.22	0.36
993-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
994	CONDUIT	232.34	0	00:40	1.74	0.41	0.54
994-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
995	CONDUIT	724.00	0	00:40	2.61	1.88	1.00
996	CONDUIT	198.23	0	00:42	0.56	0.53	0.77
996-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
997	CONDUIT	60.08	0	00:39	0.86	0.65	1.00
998	CONDUIT	545.40	0	00:42	1.93	1.88	1.00
999	CONDUIT	605.89	0	00:41	2.14	1.45	1.00
C1	CONDUIT	157.54	0	00:40	0.47	0.01	0.10
C10	CONDUIT	6373.42	0	02:07	1.04	0.48	0.64
C100	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C101	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C102	CONDUIT	0.00	0	00:00	0.00	0.00	0.11
C103	CONDUIT	99.54	0	00:43	0.37	0.04	0.25
C104	CONDUIT	108.07	0	00:40	0.51	0.31	0.40
C105	CONDUIT	785.47	0	00:41	0.80	0.18	0.48
C106	CONDUIT	715.50	0	00:46	0.71	0.18	0.50
C107	CONDUIT	371.05	0	00:48	0.36	0.20	0.68
C108	CONDUIT	347.06	0	01:05	0.71	1.52	0.79
C109	CONDUIT	333.56	0	01:07	0.29	0.14	0.74
C11	CONDUIT	6597.31	0	01:45	1.36	0.46	0.54
C110	CONDUIT	350.84	0	01:07	0.70	0.94	0.90
C111	CONDUIT	345.00	0	01:06	0.17	0.06	0.88

C112	CONDUIT	660.23	0	00:41	1.36	1.88	0.76
C12	CONDUIT	2163.46	0	02:16	0.56	0.37	0.56
C13	CONDUIT	6633.47	0	01:39	1.07	0.30	0.68
C14	CONDUIT	2115.22	0	02:15	0.46	0.31	0.56
C15	CONDUIT	2111.36	0	01:16	0.69	0.18	0.51
C16	CONDUIT	1819.39	0	02:05	0.71	0.10	0.34
C17	CONDUIT	1819.85	0	02:09	0.57	0.12	0.41
C18-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C18-S1	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C18-S2	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C18-S3	CHANNEL	281.58	0	01:05	0.78	0.02	0.22
C18-S4	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C18-S5	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C18-S6	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C18-S7	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C18-S8	CHANNEL	529.76	0	00:40	0.64	0.10	0.66
C19	CONDUIT	3099.59	0	00:53	1.09	0.41	0.55
C2	CONDUIT	146.46	0	00:41	3.26	0.34	0.45
C20	CONDUIT	157.92	0	00:47	0.36	0.29	1.00
C20-S	CHANNEL	2332.15	0	00:55	1.02	0.08	0.66
C20-S1	CHANNEL	0.00	0	00:00	0.00	0.00	0.03
C20-S2	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C20-S3	CHANNEL	37.33	0	00:49	0.32	0.01	0.13
C20-S4	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C20-S5	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C20-S6	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C21	CONDUIT	157.44	0	00:46	0.26	0.61	1.00
C21-S	CHANNEL	25.17	0	00:59	0.22	0.01	0.13
C22	CONDUIT	158.04	0	00:45	0.38	0.72	1.00
C23	CONDUIT	3433.04	0	01:05	5.38	1.20	0.86
C24	CONDUIT	173.62	0	00:43	0.31	0.64	1.00
C24-S1	CHANNEL	0.00	0	00:00	0.00	0.00	0.18
C25	CONDUIT	18.00	0	00:42	0.59	0.43	1.00
C25-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C26	CONDUIT	81.21	0	00:55	1.55	5.32	1.00
C26_2	CONDUIT	179.27	0	00:53	0.90	0.02	0.17
C27	CONDUIT	140.05	0	01:05	1.35	0.08	0.19
C28	CONDUIT	143.70	0	01:11	0.71	0.01	0.53
C29	CONDUIT	505.68	0	00:41	3.27	2.88	1.00
C3	CONDUIT	221.46	0	00:40	3.13	1.54	1.00
C30	CONDUIT	3546.46	0	01:11	3.98	1.59	0.59
C31	CONDUIT	3562.67	0	01:11	1.07	0.13	0.67
C32	CONDUIT	1062.09	0	00:46	1.63	0.04	0.54
C32_1	CONDUIT	692.16	0	00:40	0.80	0.12	0.51
C32_3	CONDUIT	1069.13	0	00:55	2.22	1.28	0.62
C32_4	CONDUIT	1549.28	0	00:55	0.97	0.15	0.45
C33	CONDUIT	69.44	0	00:43	0.40	0.44	1.00
C33-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C34	CONDUIT	50.38	0	00:39	0.61	0.19	0.89
C34-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C35	CONDUIT	148.87	0	00:45	0.79	0.82	1.00
C35-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C36	CONDUIT	201.09	0	01:50	0.38	0.07	0.28
C36_2	CONDUIT	920.16	0	00:49	1.37	0.14	0.40
C37	CONDUIT	1146.21	0	00:42	0.93	0.20	0.59
C38	CONDUIT	692.60	0	00:42	1.02	0.09	0.34
C39	CONDUIT	1006.90	0	00:45	0.89	0.10	0.48
C3-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C4	CONDUIT	69.53	0	02:07	1.05	2.92	1.00
C40	CONDUIT	1036.76	0	00:46	1.99	0.65	0.63
C41	CONDUIT	1036.85	0	00:46	2.35	0.08	0.25
C42	CONDUIT	289.86	0	00:40	0.39	0.07	0.58
C43	CONDUIT	385.09	0	00:40	1.00	0.29	0.61
C44	CONDUIT	715.07	0	00:54	0.51	0.14	0.68
C45	CONDUIT	1667.14	0	00:51	2.35	1.37	0.85
C46	CONDUIT	1801.05	0	00:49	1.24	0.21	0.75
C47	CONDUIT	2095.83	0	01:12	3.14	1.64	0.81
C48	CONDUIT	11.85	0	00:40	0.09	0.00	0.26
C49	CONDUIT	3674.99	0	01:23	0.84	0.93	0.81
C49_1	CONDUIT	2237.19	0	00:52	1.52	0.16	0.48
C49_2	CONDUIT	5542.96	0	01:23	1.58	0.39	0.71
C4-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.26
C5	CONDUIT	512.63	0	00:37	1.81	1.05	1.00
C50	CONDUIT	243.79	0	00:48	0.29	0.07	0.40
C51	CONDUIT	2160.95	0	00:40	1.36	0.28	0.68

C52	CONDUIT	1130.40	0	00:46	0.68	0.25	0.75
C53	CONDUIT	650.32	0	00:42	4.73	0.33	0.33
C53_1	CONDUIT	768.62	0	00:40	1.72	0.04	0.27
C54	CONDUIT	758.82	0	00:44	2.09	0.04	0.30
C54_1	CONDUIT	152.33	0	00:42	0.84	0.01	0.16
C55	CONDUIT	76.40	0	00:39	1.08	0.35	1.00
C55-S	CHANNEL	46.14	0	00:45	0.09	0.00	0.75
C56	CONDUIT	139.66	0	00:43	1.98	3.04	1.00
C56-S	CHANNEL	1958.79	0	02:23	0.78	0.50	0.73
C57	CONDUIT	230.73	0	00:38	2.09	2.22	1.00
C58	CONDUIT	3137.56	0	00:53	0.97	0.10	0.46
C59	CONDUIT	588.67	0	00:58	4.29	0.61	1.00
C59-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
C5-S	CHANNEL	637.98	0	00:56	0.76	0.08	0.33
C6	CONDUIT	757.16	0	00:43	3.11	1.56	1.00
C60	CONDUIT	962.68	0	00:47	0.59	0.30	0.59
C61	CONDUIT	13101.00	0	00:01	2.30	2.26	1.00
C62	CONDUIT	1122.60	0	00:40	2.54	0.90	1.00
C63	CONDUIT	1203.90	0	00:41	1.39	0.49	1.00
C63-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C64	CONDUIT	198.14	0	00:40	1.45	0.03	0.56
C64-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C65	CONDUIT	247.52	0	00:39	0.29	0.16	1.00
C65-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C66	CONDUIT	243.62	0	01:08	2.06	0.35	0.68
C68	CONDUIT	3384.23	0	00:54	0.74	0.32	0.62
C69	CONDUIT	3344.07	0	00:58	0.73	0.22	0.62
C6-S	CHANNEL	934.20	0	00:46	0.42	0.06	0.65
C7	CONDUIT	1467.57	0	00:51	2.57	1.03	1.00
C70	CONDUIT	3024.43	0	01:02	0.59	0.26	0.80
C71	CONDUIT	3805.19	0	01:03	0.50	4.29	0.82
C72	CONDUIT	3773.78	0	01:06	0.66	0.36	0.66
C73	CONDUIT	3742.09	0	01:07	0.65	0.60	0.66
C74	CONDUIT	3752.07	0	01:09	0.95	0.33	0.67
C75	CONDUIT	3736.30	0	01:10	0.87	0.39	0.70
C76	CONDUIT	3697.41	0	01:12	1.01	0.50	0.64
C77	CONDUIT	3788.40	0	01:13	1.80	0.25	0.77
C78	CONDUIT	2482.67	0	00:45	1.15	0.31	0.72
C79	CONDUIT	262.04	0	00:42	0.53	0.85	1.00
C7-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C8	CONDUIT	6227.06	0	02:15	1.77	0.21	0.43
C80	CONDUIT	224.50	0	00:41	0.47	0.91	1.00
C81	CONDUIT	106.72	0	00:40	0.41	0.23	1.00
C82	CONDUIT	78.77	0	00:48	0.50	2.11	1.00
C83	CONDUIT	287.81	0	00:42	0.68	0.05	0.38
C84	CONDUIT	9.91	0	02:23	0.83	0.03	0.14
C85	CONDUIT	9.91	0	02:27	0.79	0.02	0.13
C86	CONDUIT	1353.04	0	00:49	5.46	2.72	0.57
C87	CONDUIT	3524.71	0	01:13	1.78	1.23	0.88
C88	CONDUIT	557.89	0	01:02	8.03	1.05	1.00
C89	CONDUIT	5.69	0	00:39	0.39	0.03	0.79
C9	CONDUIT	6593.13	0	01:46	2.44	0.08	0.54
C90	CONDUIT	977.92	0	00:42	2.26	1.88	0.79
C91	CONDUIT	684.37	0	00:40	3.43	0.08	0.23
C91_1	CONDUIT	2575.19	0	00:43	1.07	0.78	0.82
C91_2	CONDUIT	3100.81	0	00:52	1.36	0.93	0.72
C91_3	CONDUIT	836.23	0	00:53	1.13	0.10	0.36
C91_4	CONDUIT	903.71	0	00:56	0.56	0.11	0.59
C92	CONDUIT	679.70	0	00:40	2.67	0.16	0.28
C93	CONDUIT	1277.82	0	00:40	2.26	0.08	0.31
C94	CONDUIT	1283.49	0	00:00	1.89	0.19	0.48
C95	CONDUIT	628.49	0	00:52	1.27	0.06	0.27
C96	CONDUIT	463.88	0	00:45	3.98	0.55	0.48
C97	CONDUIT	430.88	0	00:49	1.84	3.25	0.78
C98	CONDUIT	481.31	0	00:52	1.34	0.05	0.27
C99	CONDUIT	930.66	0	00:39	2.18	1.74	0.75
GCC1	CONDUIT	1214.78	0	00:59	1.02	0.17	0.60
GCC10	CONDUIT	5.58	0	00:45	0.14	0.02	0.34
GCC11	CONDUIT	138.27	0	00:56	1.16	1.17	0.70
GCC12	CONDUIT	284.14	0	00:41	2.57	0.67	1.00
GCC13	CONDUIT	1.16	0	00:37	0.51	0.05	0.28
GCC13-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
GCC15	CONDUIT	134.75	0	00:41	4.15	0.24	0.33
GCC17	CONDUIT	162.16	0	00:41	2.29	0.90	1.00
GCC18	CONDUIT	1134.96	0	00:41	3.75	22.04	0.84

GCC19	CONDUIT	214.02	0	00:44	1.35	0.68	1.00
GCC2	CONDUIT	1842.52	0	01:11	1.44	1.00	0.39
GCC20	CONDUIT	195.56	0	00:41	1.77	1.96	1.00
GCC21	CONDUIT	212.04	0	00:41	1.33	1.66	1.00
GCC22	CONDUIT	516.21	0	00:41	1.81	1.06	0.77
GCC23	CONDUIT	135.27	0	00:46	1.40	0.73	0.59
GCC23-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
GCC24	CONDUIT	414.37	0	01:45	2.44	0.28	0.43
GCC25	CONDUIT	4139.81	0	00:48	6.45	0.54	1.00
GCC26	CONDUIT	414.42	0	01:33	2.11	0.29	0.46
GCC27	CONDUIT	31.72	0	00:39	0.67	0.24	0.80
GCC29	CONDUIT	525.87	0	00:40	2.81	0.65	1.00
GCC29-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
GCC3	CONDUIT	1849.07	0	01:12	0.92	1.05	0.26
GCC30	CONDUIT	515.09	0	00:42	0.39	0.10	0.52
GCC31	CONDUIT	1044.81	0	00:45	0.74	0.11	0.81
GCC32	CONDUIT	947.35	0	02:30	0.32	0.13	0.49
GCC33	CONDUIT	1668.64	0	01:07	0.58	0.07	0.35
GCC34	CONDUIT	1698.82	0	00:58	0.94	0.07	0.24
GCC35	CONDUIT	1041.97	0	01:15	1.27	0.26	0.60
GCC36	CONDUIT	4169.20	0	00:50	1.76	0.71	1.00
GCC38	CONDUIT	234.85	0	02:00	0.74	0.01	0.20
GCC39	CONDUIT	2899.82	0	00:43	1.63	0.38	0.93
GCC4	CONDUIT	16.42	0	00:58	0.02	0.00	0.52
GCC40	CONDUIT	579.72	0	00:41	1.09	0.06	0.93
GCC41	CONDUIT	959.51	0	00:48	1.54	0.07	0.64
GCC42	CONDUIT	556.46	0	00:42	0.89	0.05	0.69
GCC43	CONDUIT	960.08	0	02:34	1.15	0.28	0.58
GCC44	CONDUIT	1733.10	0	01:13	2.10	0.55	0.47
GCC45	CONDUIT	1103.42	0	01:17	1.53	0.16	0.26
GCC46	CONDUIT	886.37	0	01:33	0.37	0.12	0.30
GCC47	CONDUIT	441.00	0	00:52	1.55	0.37	0.39
GCC48	CONDUIT	323.03	0	00:45	1.71	0.18	0.30
GCC49	CONDUIT	437.74	0	00:56	1.26	0.03	0.21
GCC5	CONDUIT	0.00	0	00:00	0.00	0.00	0.09
GCC50	CONDUIT	788.22	0	00:40	1.52	0.04	0.40
GCC51	CONDUIT	808.88	0	00:58	0.40	0.19	0.72
GCC52	CONDUIT	1218.11	0	00:57	1.98	1.20	0.73
GCC53	CONDUIT	0.00	0	00:00	0.00	0.00	0.06
GCC54	CONDUIT	923.20	0	00:55	4.26	1.57	1.00
GCC54-S	CHANNEL	471.26	0	00:42	0.99	0.08	0.31
GCC55	CONDUIT	1231.53	0	00:50	4.36	1.49	1.00
GCC55-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
GCC56	CONDUIT	104.01	0	00:48	1.57	0.93	1.00
GCC57	CONDUIT	104.01	0	00:48	1.47	1.50	1.00
GCC58	CONDUIT	216.65	0	00:40	1.60	0.20	0.45
GCC59	CONDUIT	211.85	0	00:40	1.89	0.01	0.38
GCC6	CONDUIT	0.00	0	00:00	0.00	0.00	0.21
GCC60	CONDUIT	369.44	0	00:59	1.96	0.30	0.27
GCC61	CONDUIT	74.50	0	00:40	1.30	0.52	0.75
GCC61-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
GCC62	CONDUIT	281.76	0	00:38	2.55	1.35	1.00
GCC62-S	CHANNEL	1249.81	0	00:43	1.44	0.09	0.34
GCC63	CONDUIT	21.16	0	00:40	0.67	1.59	1.00
GCC63-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
GCC64	CONDUIT	38.18	0	02:30	1.27	0.07	0.30
GCC65	CONDUIT	526.18	0	00:57	1.32	0.03	0.26
GCC66	CONDUIT	524.23	0	01:00	1.03	0.08	0.28
GCC67	CONDUIT	608.88	0	01:00	0.74	0.01	0.21
GCC68	CONDUIT	516.04	0	00:41	1.22	0.06	0.68
GCC7	CONDUIT	66.30	0	00:40	2.09	0.42	0.55
GCC71	CONDUIT	164.09	0	00:42	0.48	0.00	0.08
GCC72	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
GCC73	CONDUIT	0.00	0	00:00	0.00	0.00	0.09
GCC74	CONDUIT	85.87	0	00:42	0.19	0.04	0.39
GCC75	CONDUIT	6.50	0	01:10	0.82	0.10	0.18
GCC8	CONDUIT	4.15	0	00:43	0.09	0.01	0.51
GCC9	CONDUIT	64.44	0	00:40	1.50	0.23	0.65
HPC1	CONDUIT	25.74	0	00:42	1.41	1.23	1.00
HPC14	CONDUIT	3794.81	0	01:05	1.76	3.52	0.91
HPC15	CONDUIT	3427.20	0	01:10	2.51	0.90	0.58
HPC19	CONDUIT	3780.15	0	01:00	0.99	0.24	0.51
HPC2	CONDUIT	102.60	0	00:42	0.99	1.77	1.00
HPC20	CONDUIT	71.96	0	01:12	0.69	1.05	0.90
HPC21_1	CONDUIT	3426.33	0	01:11	0.91	0.13	0.48

HPC21_2	CONDUIT	187.92	0	00:42	0.35	0.01	0.12
HPC22	CONDUIT	97.15	0	00:40	0.95	3.02	1.00
HPC24	CONDUIT	103.71	0	00:42	1.32	0.21	0.86
HPC25	CONDUIT	103.63	0	00:42	0.94	1.36	1.00
HPC26	CONDUIT	504.37	0	00:47	0.47	0.02	0.32
HPC27	CONDUIT	182.06	0	00:49	1.44	0.09	0.17
HPC28	CONDUIT	393.40	0	00:40	0.63	0.01	0.43
HPC29	CONDUIT	3366.23	0	00:56	2.24	1.32	0.69
HPC3	CONDUIT	822.34	0	01:02	1.42	0.08	0.49
HPC33	CONDUIT	532.15	0	00:45	0.67	0.02	0.15
HPC34_1	CONDUIT	539.51	0	00:56	0.62	0.03	0.27
HPC34_2	CONDUIT	514.02	0	01:02	0.49	0.03	0.70
HPC35	CONDUIT	1425.96	0	01:55	0.27	0.41	0.94
HPC36	CONDUIT	85.16	0	00:41	0.98	0.66	1.00
HPC37	CONDUIT	71.81	0	00:40	1.39	0.27	0.24
HPC38	CONDUIT	197.74	0	00:41	1.66	0.22	0.29
HPC39	CONDUIT	177.26	0	00:41	0.34	0.03	0.69
HPC4	CONDUIT	245.65	0	00:50	0.56	0.02	0.72
HPC40	CONDUIT	87.26	0	00:40	0.22	0.00	0.11
HPC42	CONDUIT	214.42	0	00:40	0.71	0.01	0.20
HPC43	CONDUIT	1495.05	0	02:00	1.68	1.82	1.00
HPC44	CONDUIT	1415.37	0	02:24	2.84	48.36	0.98
HPC45	CONDUIT	1428.40	0	02:23	0.33	0.13	0.86
HPC46	CONDUIT	233.38	0	00:40	0.30	0.03	0.22
HPC47	CONDUIT	315.05	0	00:40	0.41	0.01	0.42
HPC48	CONDUIT	1504.63	0	02:02	0.51	0.34	0.87
HPC49	CONDUIT	1732.47	0	02:05	2.66	1.23	0.56
HPC5	CONDUIT	1923.54	0	01:23	0.64	3.59	0.94
HPC6	CONDUIT	1740.24	0	02:05	0.77	0.09	0.31
SRM1	CONDUIT	203.74	0	00:47	2.97	1.16	1.00
SRM1000	CONDUIT	1122.63	0	00:40	2.81	0.52	0.85
SRM1002	CONDUIT	2857.12	0	00:02	4.52	0.81	1.00
SRM1008	CONDUIT	26.77	0	00:46	0.40	0.31	1.00
SRM101	CONDUIT	932.29	0	00:41	5.32	0.37	0.42
SRM1012	CONDUIT	72.97	0	01:14	0.66	0.64	0.93
SRM1013	CONDUIT	168.83	0	00:41	1.21	1.53	0.93
SRM1014	CONDUIT	101.46	0	00:39	1.00	1.50	1.00
SRM1015	CONDUIT	109.55	0	00:38	1.04	1.61	1.00
SRM1017	CONDUIT	68.30	0	00:40	0.78	0.89	0.75
SRM1018	CONDUIT	71.90	0	01:13	0.92	1.07	0.67
SRM102	CONDUIT	61.97	0	00:40	1.18	0.47	0.48
SRM103	CONDUIT	583.50	0	00:40	2.22	1.13	0.91
SRM104	CONDUIT	582.93	0	00:41	2.73	0.85	0.71
SRM1040	CONDUIT	324.98	0	00:40	1.79	1.68	1.00
SRM105	CONDUIT	584.58	0	00:40	4.13	0.57	0.62
SRM1053	CONDUIT	27.85	0	00:39	0.26	0.11	1.00
SRM106	CONDUIT	233.05	0	02:05	2.32	0.20	0.22
SRM107_2	CONDUIT	233.06	0	02:05	1.54	0.15	0.29
SRM108	CONDUIT	40.24	0	00:39	0.84	0.67	1.00
SRM109	CONDUIT	479.36	0	00:49	2.21	1.27	1.00
SRM109-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM110	CONDUIT	609.67	0	00:48	1.38	1.11	1.00
SRM111	CONDUIT	258.92	0	00:43	1.20	1.35	1.00
SRM112	CONDUIT	581.76	0	00:50	1.32	1.12	1.00
SRM114	CONDUIT	285.44	0	00:41	2.59	1.26	1.00
SRM116	CONDUIT	856.91	0	00:47	3.03	1.27	1.00
SRM120	CONDUIT	993.52	0	00:45	3.51	1.30	1.00
SRM120-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM121	CONDUIT	1.80	0	00:46	0.51	0.02	0.30
SRM122	CONDUIT	991.60	0	00:45	3.51	1.34	1.00
SRM122-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM123	CONDUIT	994.38	0	00:46	3.73	0.82	0.93
SRM123-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM124	CONDUIT	1069.72	0	00:45	3.78	1.44	1.00
SRM124-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
SRM125	CONDUIT	325.57	0	00:40	1.99	0.85	0.78
SRM125-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM13	CONDUIT	497.58	0	00:40	2.00	0.97	1.00
SRM130	CONDUIT	506.90	0	00:51	1.23	1.45	1.00
SRM1306	CONDUIT	56.03	0	00:40	0.79	1.40	1.00
SRM1306-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM1308	CONDUIT	56.07	0	00:40	0.79	1.44	1.00
SRM1308-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
SRM1309	CONDUIT	46.00	0	00:40	0.65	1.08	1.00
SRM1309-S	CHANNEL	249.61	0	00:56	0.38	0.28	1.00

SRM131	CONDUIT	506.97	0	00:51	1.15	1.43	1.00
SRM1310	CONDUIT	19.32	0	00:35	0.27	0.84	1.00
SRM132	CONDUIT	584.44	0	00:51	1.32	1.67	1.00
SRM134	CONDUIT	60.39	0	00:40	0.85	0.75	1.00
SRM136	CONDUIT	183.93	0	00:50	2.60	1.41	1.00
SRM136-S	CHANNEL	198.82	0	00:41	0.91	0.01	0.18
SRM137	CONDUIT	126.46	0	00:39	1.85	0.87	1.00
SRM137-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM138	CONDUIT	128.00	0	00:40	1.92	0.78	0.89
SRM138-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM139	CONDUIT	144.67	0	00:43	2.07	1.83	0.96
SRM139-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM13-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM14	CONDUIT	816.51	0	00:45	2.39	0.59	1.00
SRM142	CONDUIT	363.75	0	00:59	1.32	0.28	0.36
SRM144	CONDUIT	422.50	0	00:44	3.88	1.16	1.00
SRM144-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM145	CONDUIT	263.15	0	00:37	2.38	4.02	1.00
SRM145-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM146	CONDUIT	223.99	0	00:41	2.03	1.24	1.00
SRM146-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM147	CONDUIT	12.65	0	00:40	0.82	0.16	0.27
SRM148	CONDUIT	161.26	0	00:40	2.28	1.14	1.00
SRM148-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM149	CONDUIT	260.08	0	00:39	2.54	1.00	1.00
SRM149-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM14-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.17
SRM150	CONDUIT	26.79	0	00:42	0.44	0.63	1.00
SRM151	CONDUIT	1035.08	0	00:49	3.66	1.30	1.00
SRM151-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
SRM152	CONDUIT	256.63	0	00:40	1.93	0.64	0.60
SRM152-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM153	CONDUIT	0.00	0	00:00	0.00	0.00	0.21
SRM154	CONDUIT	1247.17	0	00:50	2.88	1.17	0.95
SRM155	CONDUIT	1247.27	0	00:50	3.55	0.90	0.74
SRM156	CONDUIT	1248.23	0	00:50	3.39	0.95	0.78
SRM158	CONDUIT	2915.41	0	00:45	3.44	0.63	0.70
SRM158-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM16	CONDUIT	797.61	0	00:45	3.14	0.95	1.00
SRM162	CONDUIT	229.83	0	00:40	3.60	0.51	0.60
SRM162-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM163	CONDUIT	481.82	0	00:40	3.86	0.75	0.74
SRM163-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM164	CONDUIT	840.24	0	00:40	4.65	0.93	0.88
SRM164-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM165	CONDUIT	747.04	0	00:39	3.79	1.00	1.00
SRM165-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM166	CONDUIT	754.39	0	00:38	3.66	1.07	1.00
SRM166-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM168	CONDUIT	799.40	0	00:42	3.69	1.11	1.00
SRM168-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM16-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM17	CONDUIT	535.64	0	00:56	1.98	0.76	1.00
SRM170	CONDUIT	1135.63	0	00:41	2.57	0.88	1.00
SRM170-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM171	CONDUIT	279.27	0	01:04	1.76	1.89	1.00
SRM1710	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1711	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1712	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1713	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1714	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1715	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1716	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1717	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1718	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1719	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM171-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.11
SRM1720	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1721	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1722	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1723	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1724	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1725	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1726	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1727	CONDUIT	0.00	0	00:00	0.00	0.00	0.00

SRM1728	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1729	CONDUIT	0.00	0	00:00	0.00	0.00	0.26
SRM1730	CONDUIT	5.82	0	00:47	0.25	0.30	1.00
SRM1731	CONDUIT	2.73	0	00:54	0.12	0.13	1.00
SRM1732	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1733	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1734	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1735	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1736	CONDUIT	7.90	0	00:42	0.24	0.02	1.00
SRM1737	CONDUIT	475.46	0	00:00	1.76	0.36	1.00
SRM1738	CONDUIT	735.78	0	00:00	1.77	0.43	1.00
SRM1739	CONDUIT	1.47	0	01:50	0.02	0.01	0.56
SRM1740	CONDUIT	56.18	0	00:01	0.69	0.16	1.00
SRM1741	CONDUIT	215.71	0	00:01	1.48	0.51	1.00
SRM1743	CONDUIT	28.28	0	02:31	1.14	0.21	0.24
SRM1744	CONDUIT	9.91	0	02:26	0.86	0.05	0.13
SRM176	CONDUIT	92.31	0	00:40	2.55	0.30	0.36
SRM176-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM178	CONDUIT	992.86	0	00:44	3.93	1.03	0.93
SRM178-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM179	CONDUIT	1042.89	0	00:43	3.27	0.80	0.75
SRM179-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM18	CONDUIT	292.96	0	00:39	2.82	1.07	1.00
SRM180	CONDUIT	918.63	0	00:44	3.90	0.95	0.78
SRM180-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM181	CONDUIT	877.55	0	00:44	3.65	0.97	0.80
SRM181-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM19	CONDUIT	319.80	0	00:39	2.90	1.18	1.00
SRM195	CONDUIT	335.98	0	00:38	2.11	2.36	1.00
SRM195-S	CHANNEL	196.39	0	00:40	0.61	0.02	0.22
SRM196	CONDUIT	275.37	0	00:38	1.73	1.97	1.00
SRM196-S	CHANNEL	219.30	0	00:41	0.48	0.03	0.43
SRM197	CONDUIT	565.06	0	00:44	3.55	3.18	1.00
SRM197-S	CHANNEL	1446.28	0	00:44	0.79	0.21	0.56
SRM198	CONDUIT	237.27	0	00:44	2.15	1.39	1.00
SRM198-S	CHANNEL	43.42	0	00:53	0.22	0.01	0.17
SRM199	CONDUIT	459.97	0	00:38	2.12	1.82	1.00
SRM199-S	CHANNEL	120.11	0	00:49	0.14	0.03	0.34
SRM1-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM2	CONDUIT	198.30	0	00:38	2.96	1.07	1.00
SRM20	CONDUIT	882.49	0	00:46	3.12	1.20	1.00
SRM200	CONDUIT	561.13	0	00:38	1.98	1.38	1.00
SRM200-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM201	CONDUIT	566.92	0	00:38	2.01	1.65	1.00
SRM201-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM202	CONDUIT	568.33	0	00:44	1.59	0.94	1.00
SRM202-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.08
SRM204	CONDUIT	640.21	0	00:44	1.45	1.34	1.00
SRM204-S	CHANNEL	60.36	0	00:56	0.30	0.01	0.21
SRM206	CONDUIT	133.11	0	00:40	1.21	1.01	1.00
SRM206-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.13
SRM208	CONDUIT	814.98	0	00:38	1.48	1.50	1.00
SRM208-S	CHANNEL	136.65	0	01:00	0.26	0.04	0.26
SRM209	CONDUIT	697.48	0	01:02	1.10	0.98	1.00
SRM209-S	CHANNEL	120.00	0	01:01	0.29	0.03	0.24
SRM21	CONDUIT	74.83	0	00:40	1.42	0.75	1.00
SRM214	CONDUIT	61.52	0	01:04	0.37	0.27	1.00
SRM215	CONDUIT	1921.50	0	00:40	3.88	1.57	1.00
SRM215-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
SRM216	CONDUIT	104.58	0	00:37	1.48	2.27	1.00
SRM216-S	CHANNEL	208.72	0	00:46	0.10	0.02	0.63
SRM218	CONDUIT	94.02	0	00:39	0.85	1.08	1.00
SRM218-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.09
SRM219	CONDUIT	929.28	0	00:48	1.46	1.54	1.00
SRM219-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM22	CONDUIT	927.82	0	00:45	3.28	1.27	1.00
SRM220	CONDUIT	62.60	0	01:19	0.57	0.61	1.00
SRM220-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.39
SRM221	CONDUIT	758.20	0	00:51	1.72	1.37	1.00
SRM221-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM222	CONDUIT	753.63	0	00:51	1.71	1.25	1.00
SRM222-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM223	CONDUIT	108.43	0	00:40	0.98	2.02	1.00
SRM223-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.01
SRM224	CONDUIT	727.90	0	00:53	2.03	1.51	1.00

SRM224-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.44
SRM225	CONDUIT	729.37	0	00:39	2.04	2.21	1.00
SRM225-S	CHANNEL	355.31	0	00:47	0.50	0.04	0.56
SRM227	CONDUIT	178.40	0	00:37	1.63	2.01	1.00
SRM227-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
SRM228	CONDUIT	1005.37	0	00:46	1.58	1.21	1.00
SRM228-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM229	CONDUIT	990.91	0	00:46	1.56	1.40	1.00
SRM229-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM23	CONDUIT	1247.41	0	00:49	2.92	1.09	1.00
SRM230	CONDUIT	1129.13	0	00:43	1.78	1.64	1.00
SRM230-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM231	CONDUIT	1162.17	0	00:42	1.87	1.61	1.00
SRM231-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM232	CONDUIT	1355.33	0	00:42	1.88	1.53	1.00
SRM232-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM233	CONDUIT	247.45	0	00:45	1.14	1.02	1.00
SRM233-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM238	CONDUIT	64.25	0	00:42	0.61	0.59	1.00
SRM238-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM239	CONDUIT	131.54	0	00:40	0.83	1.45	1.00
SRM239-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM24	CONDUIT	202.11	0	00:41	2.86	0.96	1.00
SRM240	CONDUIT	211.55	0	00:40	1.33	1.63	1.00
SRM240-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM242	CONDUIT	305.63	0	00:42	1.41	1.60	1.00
SRM242-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM243	CONDUIT	278.29	0	00:42	1.29	1.31	1.00
SRM243-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.02
SRM244	CONDUIT	417.71	0	00:39	2.63	0.93	1.00
SRM244-S	CHANNEL	141.57	0	00:40	0.69	0.01	0.18
SRM245	CONDUIT	649.05	0	01:00	3.00	1.12	1.00
SRM245-S	CHANNEL	367.09	0	00:50	0.83	0.02	0.26
SRM246	CONDUIT	1862.27	0	00:40	3.96	0.96	1.00
SRM246-S	CHANNEL	14.00	0	00:45	0.15	0.00	0.27
SRM247	CONDUIT	1743.14	0	00:39	3.93	0.90	1.00
SRM247-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.27
SRM248	CONDUIT	1613.91	0	00:38	3.76	0.83	1.00
SRM248-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM249	CONDUIT	1408.30	0	00:37	2.85	0.58	1.00
SRM249-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM25	CONDUIT	235.88	0	02:00	1.25	0.19	0.30
SRM250	CONDUIT	338.61	0	00:40	1.37	2.34	1.00
SRM250-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.13
SRM251	CONDUIT	26.75	0	00:45	1.20	0.78	0.83
SRM251-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM252	CONDUIT	39.86	0	00:40	0.73	0.84	0.72
SRM253	CONDUIT	168.44	0	00:40	1.85	0.94	0.77
SRM253-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM254	CONDUIT	85.94	0	00:40	2.38	0.52	0.51
SRM254-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM255	CONDUIT	85.83	0	00:40	2.32	0.51	0.60
SRM255-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM256	CONDUIT	341.67	0	00:40	2.49	0.98	0.86
SRM256-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM257	CONDUIT	379.76	0	00:39	1.76	1.27	1.00
SRM257-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM258	CONDUIT	295.72	0	00:40	1.86	1.77	1.00
SRM258-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM259	CONDUIT	47.20	0	00:40	1.50	2.10	1.00
SRM259-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM26	CONDUIT	284.27	0	00:40	2.88	1.01	0.94
SRM261	CONDUIT	617.53	0	00:40	1.73	1.54	1.00
SRM261-S	CHANNEL	0.35	0	00:44	0.00	0.00	0.11
SRM262	CONDUIT	526.39	0	00:46	1.47	1.16	1.00
SRM262-S	CHANNEL	121.97	0	00:46	0.31	0.02	0.23
SRM263	CONDUIT	148.14	0	00:38	0.41	0.35	1.00
SRM263-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.09
SRM264	CONDUIT	185.00	0	01:08	1.16	1.37	1.00
SRM264-S	CHANNEL	0.30	0	00:44	0.00	0.00	0.33
SRM266	CONDUIT	203.99	0	00:44	1.28	1.31	1.00
SRM266-S	CHANNEL	0.03	0	00:46	0.03	0.00	0.02
SRM267	CONDUIT	122.69	0	00:37	1.74	1.98	1.00
SRM267-S	CHANNEL	115.77	0	00:42	0.49	0.01	0.18
SRM268	CONDUIT	181.10	0	00:41	1.64	1.44	1.00

SRM268-S	CHANNEL	40.96	0	00:45	0.41	0.00	0.12
SRM269	CONDUIT	111.24	0	00:37	1.57	1.31	1.00
SRM269-S	CHANNEL	131.21	0	00:40	0.51	0.01	0.33
SRM27	CONDUIT	2984.51	0	00:45	3.04	1.07	0.88
SRM270	CONDUIT	306.98	0	00:46	4.82	2.48	1.00
SRM270-S	CHANNEL	928.82	0	00:45	0.82	0.14	0.46
SRM272	CONDUIT	53.29	0	00:39	0.61	1.23	1.00
SRM272-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.11
SRM273	CONDUIT	37.08	0	00:37	0.52	0.48	1.00
SRM274	CONDUIT	76.46	0	00:38	0.69	0.97	1.00
SRM274-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM275	CONDUIT	79.98	0	00:40	0.72	1.02	1.00
SRM275-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.01
SRM276	CONDUIT	50.38	0	01:35	0.46	0.54	1.00
SRM276-S	CHANNEL	55.18	0	00:43	0.09	0.15	1.00
SRM277	CONDUIT	121.61	0	00:40	1.10	1.56	1.00
SRM277-S	CHANNEL	0.39	0	00:40	0.00	0.00	0.37
SRM28	CONDUIT	1254.34	0	00:50	3.27	0.96	0.98
SRM280	CONDUIT	2380.73	0	00:47	2.76	1.18	1.00
SRM280-S	CHANNEL	879.87	0	00:58	0.88	0.11	0.38
SRM281	CONDUIT	2539.10	0	00:57	2.93	1.17	1.00
SRM281-S	CHANNEL	184.85	0	01:06	0.52	0.02	0.22
SRM283	CONDUIT	2662.01	0	01:07	3.07	1.24	1.00
SRM283-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM284	CONDUIT	2664.24	0	01:07	3.08	1.23	1.00
SRM284-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM287	CONDUIT	56.87	0	00:54	1.81	1.13	1.00
SRM287-S	CHANNEL	124.24	0	00:40	0.78	0.01	0.16
SRM288	CONDUIT	441.30	0	00:57	2.73	0.12	0.24
SRM289	CONDUIT	178.10	0	00:38	2.88	0.97	1.00
SRM289-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM290	CONDUIT	181.22	0	00:37	2.74	0.98	1.00
SRM290-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM291	CONDUIT	246.95	0	00:43	3.49	1.34	1.00
SRM291-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM292	CONDUIT	533.15	0	00:44	1.91	1.23	1.00
SRM293	CONDUIT	413.57	0	00:39	2.75	1.08	0.96
SRM293-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM298	CONDUIT	104.77	0	00:38	2.36	0.99	1.00
SRM298-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.13
SRM299	CONDUIT	203.99	0	00:45	1.85	2.53	1.00
SRM299-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM2-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM3	CONDUIT	110.71	0	00:50	1.71	1.02	1.00
SRM30	CONDUIT	925.65	0	00:45	2.70	0.94	0.78
SRM300	CONDUIT	237.44	0	00:44	1.49	1.92	1.00
SRM300-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM301	CONDUIT	267.51	0	00:43	1.24	1.40	1.00
SRM301-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM303	CONDUIT	165.54	0	00:40	1.18	0.72	0.86
SRM303-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM304	CONDUIT	420.23	0	00:41	1.21	1.69	0.93
SRM304-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM307	CONDUIT	69.36	0	00:45	1.46	2.51	0.92
SRM307-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM308	CONDUIT	104.06	0	00:40	1.20	0.65	0.54
SRM308-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM31	CONDUIT	1340.91	0	00:40	1.88	0.25	1.00
SRM310	CONDUIT	39.80	0	00:40	0.81	0.81	0.71
SRM310-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM312	CONDUIT	104.13	0	00:40	0.95	0.46	0.65
SRM312-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM313	CONDUIT	55.08	0	00:37	1.17	0.93	1.00
SRM313-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM314	CONDUIT	135.26	0	00:46	1.94	2.51	0.96
SRM314-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM315	CONDUIT	56.55	0	00:59	1.18	1.18	1.00
SRM315-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM316	CONDUIT	564.74	0	00:49	2.79	1.07	1.00
SRM316-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM317	CONDUIT	2005.94	0	00:42	3.21	1.26	0.95
SRM318	CONDUIT	517.62	0	00:49	2.54	1.08	1.00
SRM318-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM319	CONDUIT	106.46	0	00:40	1.83	0.75	1.00
SRM32	CONDUIT	243.65	0	01:07	3.16	0.19	0.35

SRM320	CONDUIT	74.78	0	00:40	1.98	0.51	0.73
SRM321	CONDUIT	266.44	0	00:41	1.68	1.12	1.00
SRM321-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM322	CONDUIT	208.45	0	00:40	1.89	1.69	1.00
SRM322-S	CHANNEL	31.47	0	00:44	0.40	0.00	0.11
SRM323	CONDUIT	212.40	0	00:40	1.92	2.15	1.00
SRM323-S	CHANNEL	2.02	0	00:41	0.26	0.00	0.05
SRM325	CONDUIT	167.87	0	00:38	2.78	0.86	1.00
SRM325-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM326	CONDUIT	211.90	0	00:41	3.00	1.13	1.00
SRM326-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM327	CONDUIT	44.83	0	00:40	1.88	0.29	0.67
SRM327-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM328	CONDUIT	73.25	0	00:38	1.16	1.06	1.00
SRM328-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM329	CONDUIT	178.83	0	00:38	2.62	0.90	1.00
SRM329-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.01
SRM33	CONDUIT	73.96	0	00:40	1.68	0.09	0.43
SRM332	CONDUIT	101.20	0	00:36	1.46	1.04	1.00
SRM332-S	CHANNEL	4.11	0	00:45	0.22	0.00	0.05
SRM334	CONDUIT	40.18	0	00:39	0.61	0.54	1.00
SRM335	CONDUIT	472.75	0	00:45	3.05	1.14	1.00
SRM335-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM336	CONDUIT	529.51	0	00:40	2.72	1.03	0.88
SRM336-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM337	CONDUIT	650.27	0	00:40	2.86	0.69	0.61
SRM337-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM338	CONDUIT	379.05	0	00:39	1.44	0.98	1.00
SRM338-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM339	CONDUIT	447.32	0	00:41	1.59	1.13	1.00
SRM339-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM341	CONDUIT	150.87	0	00:39	1.45	1.03	1.00
SRM341-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM342	CONDUIT	124.53	0	00:42	1.13	1.01	1.00
SRM342-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.03
SRM343	CONDUIT	131.99	0	00:39	1.90	0.96	1.00
SRM343-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM345	CONDUIT	40.91	0	00:43	2.32	2.42	1.00
SRM345-S	CHANNEL	25.70	0	00:40	0.42	0.00	0.10
SRM346	CONDUIT	704.91	0	00:40	2.70	0.72	0.69
SRM346-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM347	CONDUIT	894.26	0	00:40	3.13	0.91	0.75
SRM347-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM349	CONDUIT	615.02	0	00:40	2.25	1.22	1.00
SRM350	CONDUIT	104.01	0	00:48	1.53	1.70	1.00
SRM351	CONDUIT	1544.73	0	00:40	5.48	0.89	0.74
SRM351-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM352	CONDUIT	1525.69	0	00:40	5.17	0.77	0.92
SRM352-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM353	CONDUIT	1547.74	0	00:41	4.33	1.22	1.00
SRM353-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.02
SRM354	CONDUIT	1489.69	0	00:45	4.16	1.33	1.00
SRM354-S	CHANNEL	3.08	0	00:44	0.34	0.00	0.04
SRM355	CONDUIT	2779.70	0	00:45	2.80	1.15	0.82
SRM355-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM356	CONDUIT	1187.84	0	00:45	3.35	1.97	0.97
SRM356-S	CHANNEL	319.60	0	00:45	0.59	0.04	0.27
SRM363	CONDUIT	195.88	0	00:40	2.02	0.66	1.00
SRM363-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM364	CONDUIT	158.55	0	00:40	1.49	1.38	1.00
SRM364-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM366	CONDUIT	1383.14	0	00:40	3.96	1.22	1.00
SRM366-S	CHANNEL	405.43	0	00:41	0.96	0.03	0.24
SRM368	CONDUIT	470.01	0	00:46	2.96	1.23	1.00
SRM368-S	CHANNEL	223.42	0	00:48	1.04	0.01	0.18
SRM369	CONDUIT	525.25	0	00:48	3.30	1.37	1.00
SRM369-S	CHANNEL	234.55	0	00:48	0.91	0.01	0.20
SRM371	CONDUIT	1339.01	0	00:48	4.74	1.62	1.00
SRM371-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM372	CONDUIT	1364.85	0	00:48	3.81	1.20	1.00
SRM372-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
SRM374	CONDUIT	105.76	0	00:35	1.50	1.10	1.00
SRM374-S	CHANNEL	415.21	0	00:40	0.75	0.04	0.27
SRM376	CONDUIT	112.14	0	00:39	1.59	1.08	1.00
SRM376-S	CHANNEL	43.88	0	00:41	0.53	0.00	0.11

SRM377	CONDUIT	195.09	0	00:37	1.23	1.17	1.00
SRM377-S	CHANNEL	400.78	0	00:45	0.60	0.03	0.62
SRM378	CONDUIT	173.73	0	00:44	1.12	1.00	1.00
SRM378-S	CHANNEL	214.49	0	00:44	0.64	0.02	0.22
SRM379	CONDUIT	135.66	0	01:03	0.85	1.63	1.00
SRM379-S	CHANNEL	200.57	0	00:43	0.48	0.03	0.24
SRM381	CONDUIT	295.88	0	00:40	1.86	0.97	1.00
SRM381-S	CHANNEL	0.16	0	00:40	0.00	0.00	0.12
SRM382	CONDUIT	46.57	0	00:37	0.66	2.54	1.00
SRM382-S	CHANNEL	97.61	0	00:41	0.26	0.02	0.24
SRM383	CONDUIT	56.74	0	00:43	0.80	0.97	1.00
SRM383-S	CHANNEL	3.67	0	00:42	0.03	0.00	0.14
SRM387	CONDUIT	106.88	0	00:38	1.51	1.20	1.00
SRM387-S	CHANNEL	374.72	0	00:43	0.61	0.05	0.48
SRM388	CONDUIT	172.45	0	01:47	4.34	3.98	1.00
SRM388-S	CHANNEL	1447.04	0	01:46	0.65	0.14	0.65
SRM390	CONDUIT	302.20	0	00:43	0.76	0.54	1.00
SRM390-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM391	CONDUIT	283.21	0	00:43	0.71	0.52	1.00
SRM391-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM393	CONDUIT	185.87	0	00:39	3.11	2.79	1.00
SRM393-S	CHANNEL	381.41	0	00:40	0.63	0.05	0.28
SRM394	CONDUIT	513.13	0	00:40	7.26	1.12	1.00
SRM394-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM395	CONDUIT	490.87	0	00:40	3.20	0.28	1.00
SRM395-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
SRM396	CONDUIT	733.56	0	00:40	4.24	0.42	1.00
SRM396-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
SRM3-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM4	CONDUIT	103.47	0	00:39	1.56	1.11	1.00
SRM400	CONDUIT	152.82	0	00:45	2.16	3.03	1.00
SRM400-S	CHANNEL	558.53	0	00:45	0.27	0.03	0.62
SRM402	CONDUIT	57.49	0	00:45	0.81	3.14	1.00
SRM403	CONDUIT	203.62	0	00:43	0.54	0.70	1.00
SRM405	CONDUIT	31.38	0	00:45	0.49	1.07	1.00
SRM406	CONDUIT	31.40	0	00:45	0.44	12.96	1.00
SRM408	CONDUIT	31.40	0	00:45	0.44	1.12	1.00
SRM410	CONDUIT	53.39	0	00:43	0.76	1.92	1.00
SRM411	CONDUIT	185.04	0	00:47	2.62	6.66	1.00
SRM411-S	CHANNEL	793.81	0	00:47	0.54	0.12	0.50
SRM414	CONDUIT	204.96	0	00:48	0.75	1.16	1.00
SRM415	CONDUIT	134.66	0	00:48	0.59	0.61	1.00
SRM420	CONDUIT	116.94	0	00:41	0.98	2.36	1.00
SRM420-S	CHANNEL	493.32	0	00:57	0.31	0.15	0.56
SRM422	CONDUIT	146.60	0	00:41	2.69	1.01	0.78
SRM422-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM424	CONDUIT	146.47	0	00:41	2.89	0.53	0.47
SRM426	CONDUIT	1287.93	0	00:42	2.97	1.18	0.95
SRM426-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM427	CONDUIT	1447.11	0	00:41	3.51	1.07	0.93
SRM427-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM428	CONDUIT	728.55	0	00:48	2.60	1.84	1.00
SRM428-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM429	CONDUIT	143.88	0	00:40	2.06	1.47	0.96
SRM429-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM430	CONDUIT	905.54	0	00:41	2.20	1.39	0.88
SRM430-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM431	CONDUIT	133.00	0	00:40	2.51	0.63	0.80
SRM431-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM432	CONDUIT	719.63	0	00:40	1.78	0.98	0.88
SRM432-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM433	CONDUIT	889.02	0	00:41	2.04	1.26	0.96
SRM433-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM434	CONDUIT	114.95	0	00:40	1.99	0.48	0.53
SRM434-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM435	CONDUIT	386.82	0	00:40	3.70	0.63	0.63
SRM435-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM436	CONDUIT	130.33	0	00:42	2.09	0.59	0.55
SRM437	CONDUIT	127.53	0	00:43	1.46	0.48	0.55
SRM438	CONDUIT	469.82	0	00:40	2.65	0.84	0.77
SRM438-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM439	CONDUIT	602.23	0	00:40	2.48	0.95	0.81
SRM439-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM440	CONDUIT	688.29	0	00:41	1.56	1.17	0.99
SRM440-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00

SRM441	CONDUIT	101.22	0	00:40	1.61	0.78	0.83
SRM441-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM442	CONDUIT	256.69	0	00:40	1.71	1.26	0.90
SRM442-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM445	CONDUIT	169.38	0	00:40	1.17	0.96	0.89
SRM445-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM448	CONDUIT	671.85	0	00:39	2.60	0.65	1.00
SRM448-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM449	CONDUIT	644.34	0	00:39	2.28	1.25	1.00
SRM449-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM450	CONDUIT	364.80	0	00:54	1.75	0.98	1.00
SRM450-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM451	CONDUIT	449.20	0	00:53	1.68	1.06	1.00
SRM451-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM452	CONDUIT	23.21	0	00:40	0.64	0.33	1.00
SRM452-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM453	CONDUIT	447.43	0	00:38	1.63	1.75	1.00
SRM453-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM454	CONDUIT	131.04	0	01:28	1.85	2.06	1.00
SRM454-S	CHANNEL	21.62	0	01:08	0.19	0.09	0.37
SRM455	CONDUIT	247.01	0	00:40	2.24	2.36	1.00
SRM455-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM456	CONDUIT	152.93	0	00:53	1.46	1.59	1.00
SRM456-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM457	CONDUIT	59.54	0	00:40	0.90	1.02	1.00
SRM458	CONDUIT	73.40	0	00:38	0.83	0.80	1.00
SRM459	CONDUIT	223.03	0	00:39	1.31	0.53	1.00
SRM459-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM46	CONDUIT	212.43	0	00:39	1.34	1.34	1.00
SRM460	CONDUIT	192.87	0	00:39	1.69	0.48	1.00
SRM460-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM461	CONDUIT	38.59	0	00:40	0.74	0.82	1.00
SRM461-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM462	CONDUIT	455.06	0	00:40	1.46	0.89	0.85
SRM462-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM463	CONDUIT	197.56	0	00:40	1.85	1.63	0.93
SRM463-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM464	CONDUIT	204.23	0	00:40	0.98	0.33	0.57
SRM464-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM465	CONDUIT	23.53	0	00:40	0.37	0.05	0.24
SRM465-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM466	CONDUIT	656.92	0	00:40	1.96	1.14	1.00
SRM466-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM467	CONDUIT	43.67	0	00:40	1.39	1.73	1.00
SRM467-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM468	CONDUIT	26.87	0	00:42	0.48	0.57	1.00
SRM469	CONDUIT	434.10	0	00:38	2.11	0.96	1.00
SRM469-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM47	CONDUIT	60.36	0	00:40	0.55	0.62	1.00
SRM470	CONDUIT	511.69	0	00:38	2.44	1.09	1.00
SRM470-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM471	CONDUIT	36.28	0	00:41	1.15	1.56	1.00
SRM471-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM472	CONDUIT	17.80	0	00:39	0.44	0.38	1.00
SRM473	CONDUIT	548.42	0	00:39	1.84	0.64	1.00
SRM473-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM474	CONDUIT	522.40	0	00:41	2.43	1.42	1.00
SRM474-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM475	CONDUIT	570.50	0	00:41	1.96	0.71	1.00
SRM475-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM476	CONDUIT	47.37	0	00:41	1.51	2.03	1.00
SRM476-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM477	CONDUIT	109.93	0	00:39	1.57	1.66	1.00
SRM477-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM478	CONDUIT	548.27	0	00:40	1.37	0.55	1.00
SRM478-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM479	CONDUIT	580.97	0	00:51	1.32	1.51	1.00
SRM479-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM48	CONDUIT	60.35	0	00:40	0.97	0.40	1.00
SRM480	CONDUIT	70.84	0	00:38	1.01	1.30	1.00
SRM480-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM481	CONDUIT	943.65	0	00:51	1.48	0.95	1.00
SRM481-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM482	CONDUIT	24.04	0	00:37	0.85	1.04	1.00
SRM482-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00

SRM483	CONDUIT	482.74	0	00:51	2.50	1.00	1.00
SRM483-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM484	CONDUIT	97.32	0	00:43	1.38	1.37	1.00
SRM484-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM485	CONDUIT	59.23	0	00:38	1.03	0.81	1.00
SRM485-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM486	CONDUIT	29.91	0	00:40	1.57	0.65	0.59
SRM486-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM487	CONDUIT	43.84	0	00:39	1.02	0.57	1.00
SRM487-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM488	CONDUIT	114.26	0	00:38	1.16	1.12	1.00
SRM488-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM489	CONDUIT	20.20	0	00:37	0.76	0.87	1.00
SRM489-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM49	CONDUIT	120.26	0	00:40	0.86	0.56	1.00
SRM490	CONDUIT	73.39	0	00:43	1.06	1.03	1.00
SRM490-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM491	CONDUIT	189.00	0	00:40	1.19	1.42	1.00
SRM491-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM492	CONDUIT	215.00	0	00:38	1.36	1.60	1.00
SRM492-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM493	CONDUIT	194.55	0	00:38	1.23	1.33	1.00
SRM493-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM494	CONDUIT	220.29	0	00:43	1.39	1.29	1.00
SRM494-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM495	CONDUIT	434.66	0	00:39	2.01	1.21	1.00
SRM495-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM496	CONDUIT	385.98	0	00:39	2.05	0.85	1.00
SRM496-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM497	CONDUIT	445.98	0	00:39	2.06	1.42	1.00
SRM497-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM498	CONDUIT	65.93	0	00:38	0.95	1.38	1.00
SRM498-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM499	CONDUIT	22.94	0	00:38	0.83	0.99	1.00
SRM499-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM4-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM5	CONDUIT	47.58	0	00:39	0.81	0.96	1.00
SRM50	CONDUIT	36.16	0	00:41	0.41	0.30	0.89
SRM500	CONDUIT	48.71	0	00:40	1.58	1.10	1.00
SRM500-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM501	CONDUIT	50.99	0	00:37	0.76	1.13	1.00
SRM501-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM502	CONDUIT	176.28	0	00:42	2.49	1.28	1.00
SRM502-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM503	CONDUIT	53.97	0	00:47	1.73	2.47	1.00
SRM503-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM504	CONDUIT	264.93	0	00:40	2.73	0.98	1.00
SRM504-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM505	CONDUIT	72.91	0	00:41	1.14	2.38	0.85
SRM505-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM506	CONDUIT	13.94	0	00:41	0.50	0.57	1.00
SRM506-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM507	CONDUIT	127.23	0	00:40	1.84	1.23	0.95
SRM507-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM509	CONDUIT	682.81	0	00:40	1.91	1.54	1.00
SRM509-S	CHANNEL	97.96	0	00:42	0.48	0.01	0.17
SRM51	CONDUIT	94.93	0	00:38	1.34	1.19	1.00
SRM510	CONDUIT	159.77	0	00:38	2.46	1.04	1.00
SRM510-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM511	CONDUIT	50.27	0	00:39	1.74	1.07	0.96
SRM511-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM512	CONDUIT	32.33	0	00:40	1.10	1.34	0.89
SRM512-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM513	CONDUIT	198.60	0	00:40	3.18	0.97	0.95
SRM513-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM514	CONDUIT	207.27	0	00:42	2.93	2.11	1.00
SRM514-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM515	CONDUIT	19.04	0	00:40	1.33	0.12	0.31
SRM515-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM516	CONDUIT	288.32	0	00:40	1.81	1.82	1.00
SRM516-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM517	CONDUIT	258.49	0	00:38	2.38	0.95	1.00
SRM517-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM518	CONDUIT	288.46	0	00:50	2.20	0.73	1.00
SRM518-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00

SRM519	CONDUIT	233.11	0	00:50	2.11	1.77	1.00
SRM519-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM51-S	CHANNEL	38.96	0	00:41	0.36	0.00	0.35
SRM52	CONDUIT	203.34	0	00:46	3.00	2.11	1.00
SRM520	CONDUIT	280.31	0	00:50	1.76	2.08	1.00
SRM520-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM521	CONDUIT	32.28	0	00:39	0.81	0.20	1.00
SRM522	CONDUIT	532.64	0	00:43	3.35	1.43	1.00
SRM523	CONDUIT	189.13	0	00:39	2.68	1.12	1.00
SRM523-S	CHANNEL	65.21	0	00:41	0.81	0.00	0.11
SRM524	CONDUIT	1057.35	0	00:51	1.66	0.99	1.00
SRM524-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM525_2	CONDUIT	490.34	0	00:49	1.19	0.41	0.52
SRM526	CONDUIT	490.21	0	00:49	1.08	0.57	0.55
SRM527	CONDUIT	499.12	0	00:51	1.01	0.58	0.63
SRM527-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM528	CONDUIT	818.10	0	00:46	1.41	0.95	0.68
SRM528-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM529	CONDUIT	892.70	0	00:44	1.57	1.01	0.73
SRM529-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM53	CONDUIT	81.34	0	01:26	1.15	2.13	1.00
SRM530	CONDUIT	3289.39	0	01:04	3.83	2.12	0.98
SRM530-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM532	CONDUIT	10.11	0	00:51	0.62	0.18	0.92
SRM533	CONDUIT	235.84	0	02:00	1.29	0.17	0.26
SRM535	CONDUIT	221.68	0	00:41	2.03	1.30	1.00
SRM535-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM536	CONDUIT	285.55	0	00:41	2.89	1.01	1.00
SRM537	CONDUIT	198.06	0	00:40	2.80	2.27	1.00
SRM538	CONDUIT	1356.78	0	01:10	3.79	1.18	1.00
SRM54	CONDUIT	42.36	0	00:39	0.38	0.49	1.00
SRM540	CONDUIT	26.45	0	00:41	0.59	0.30	1.00
SRM541	CONDUIT	35.03	0	00:40	0.59	0.40	1.00
SRM542	CONDUIT	268.58	0	00:40	1.70	2.10	1.00
SRM542-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM544	CONDUIT	93.65	0	00:40	1.40	1.41	0.90
SRM548	CONDUIT	507.90	0	00:40	2.35	1.69	1.00
SRM548-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM549	CONDUIT	316.78	0	00:49	1.99	1.59	1.00
SRM549-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM54-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.16
SRM55	CONDUIT	2441.75	0	00:53	2.82	1.12	1.00
SRM550	CONDUIT	51.84	0	00:40	1.31	0.58	0.55
SRM551	CONDUIT	69.20	0	00:40	1.53	0.55	0.73
SRM552	CONDUIT	80.46	0	00:40	1.17	1.25	0.94
SRM553	CONDUIT	130.67	0	00:40	1.33	1.05	0.91
SRM555	CONDUIT	20.84	0	00:40	0.76	0.34	1.00
SRM556	CONDUIT	45.96	0	00:40	1.46	1.99	1.00
SRM556-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM557	CONDUIT	493.19	0	00:38	2.35	1.16	1.00
SRM557-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM55-S	CHANNEL	933.42	0	01:03	0.82	0.15	0.40
SRM561	CONDUIT	113.83	0	00:39	1.76	23.21	1.00
SRM562	CONDUIT	55.79	0	00:38	1.08	1.18	1.00
SRM562-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM563	CONDUIT	33.63	0	00:37	1.08	1.45	1.00
SRM563-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM565	CONDUIT	206.82	0	00:50	2.93	1.44	1.00
SRM565-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.07
SRM566	CONDUIT	437.33	0	00:57	2.82	0.12	0.24
SRM567	CONDUIT	146.90	0	02:26	0.97	1.09	1.00
SRM567-S	CHANNEL	27.54	0	01:35	0.05	0.01	0.40
SRM568	CONDUIT	161.06	0	00:58	1.01	1.35	1.00
SRM568-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.24
SRM569	CONDUIT	226.42	0	00:56	1.15	1.56	1.00
SRM569-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM57	CONDUIT	113.76	0	00:40	1.18	1.03	1.00
SRM573	CONDUIT	301.41	0	00:56	0.68	0.47	1.00
SRM573-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.14
SRM574	CONDUIT	506.14	0	00:56	1.15	1.48	1.00
SRM574-S	CHANNEL	0.82	0	01:17	0.01	0.00	0.15
SRM575	CONDUIT	800.69	0	00:55	1.85	2.49	1.00
SRM575-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.01
SRM578	CONDUIT	1251.94	0	00:55	5.25	2.45	1.00
SRM578-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00

SRM579	CONDUIT	952.10	0	00:55	3.91	2.20	1.00
SRM579-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM57-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM58	CONDUIT	466.00	0	00:40	2.07	0.90	1.00
SRM580	CONDUIT	668.74	0	00:55	1.51	1.82	1.00
SRM580-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM581	CONDUIT	469.89	0	00:57	1.06	0.98	1.00
SRM581-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM582	CONDUIT	439.79	0	00:59	1.00	0.91	1.00
SRM582-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM584	CONDUIT	455.28	0	00:48	1.38	1.21	1.00
SRM584-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM585	CONDUIT	455.44	0	00:48	1.03	1.78	1.00
SRM585-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM586	CONDUIT	624.23	0	00:40	1.41	1.14	1.00
SRM586-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM587	CONDUIT	646.08	0	00:47	1.46	1.39	1.00
SRM587-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM588	CONDUIT	826.64	0	00:47	3.47	0.17	1.00
SRM589	CONDUIT	669.93	0	00:48	1.52	3.44	1.00
SRM589-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM58-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM59	CONDUIT	297.91	0	00:40	2.00	1.10	0.92
SRM590	CONDUIT	614.27	0	00:48	1.39	1.31	1.00
SRM590-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM591	CONDUIT	660.84	0	00:41	1.50	2.04	1.00
SRM591-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM592	CONDUIT	607.84	0	00:41	1.38	1.58	1.00
SRM592-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM593	CONDUIT	138.31	0	00:42	2.35	0.17	1.00
SRM593-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM594	CONDUIT	134.71	0	00:48	0.52	0.60	1.00
SRM595	CONDUIT	160.39	0	01:02	2.27	3.33	1.00
SRM596	CONDUIT	129.29	0	00:41	2.26	1.25	1.00
SRM596-S	CHANNEL	85.21	0	00:49	0.22	0.06	0.23
SRM597	CONDUIT	578.23	0	00:59	1.31	1.80	1.00
SRM597-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM598	CONDUIT	683.46	0	00:40	1.55	1.92	1.00
SRM598-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM599	CONDUIT	660.16	0	00:40	1.49	1.81	1.00
SRM599-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM59-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM5-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM6	CONDUIT	17.72	0	00:39	0.29	0.41	1.00
SRM60	CONDUIT	326.89	0	00:39	1.89	0.76	0.97
SRM600	CONDUIT	160.41	0	01:00	0.66	0.55	1.00
SRM602	CONDUIT	649.46	0	00:40	1.47	1.45	1.00
SRM602-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM603	CONDUIT	633.03	0	00:40	1.52	1.87	1.00
SRM603-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM604	CONDUIT	581.89	0	01:00	1.67	1.02	1.00
SRM604-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM605	CONDUIT	578.14	0	01:01	1.53	0.99	1.00
SRM605-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM606	CONDUIT	584.06	0	00:58	1.52	0.96	1.00
SRM606-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM607	CONDUIT	929.61	0	00:48	1.46	1.47	1.00
SRM60-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM61	CONDUIT	245.81	0	00:40	3.48	1.62	1.00
SRM610	CONDUIT	196.01	0	00:49	1.83	1.26	1.00
SRM610-S	CHANNEL	27.32	0	00:45	0.39	0.00	0.10
SRM612	CONDUIT	163.29	0	00:53	2.31	1.38	1.00
SRM612-S	CHANNEL	26.80	0	00:44	0.55	0.00	0.09
SRM613	CONDUIT	158.48	0	00:43	2.24	1.25	1.00
SRM613-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.04
SRM614	CONDUIT	128.74	0	00:37	1.87	1.05	1.00
SRM614-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM615	CONDUIT	29.59	0	00:40	0.56	0.27	1.00
SRM615-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM616	CONDUIT	61.95	0	00:39	1.56	0.49	1.00
SRM616-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM617	CONDUIT	71.83	0	00:40	1.46	1.32	1.00
SRM617-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM618	CONDUIT	35.23	0	00:40	1.16	1.02	0.93
SRM618-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00

SRM619	CONDUIT	30.94	0	00:40	0.59	0.27	0.53
SRM61-S	CHANNEL	39.97	0	00:41	0.61	0.00	0.10
SRM620	CONDUIT	137.90	0	00:38	1.58	0.78	0.92
SRM620-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM621	CONDUIT	167.85	0	00:39	1.74	0.75	1.00
SRM621-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM622	CONDUIT	185.49	0	00:41	1.75	1.54	0.92
SRM622-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM623	CONDUIT	185.87	0	00:41	1.68	0.71	0.68
SRM623-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM624	CONDUIT	260.70	0	00:40	2.15	0.86	0.71
SRM624-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM625	CONDUIT	30.33	0	00:40	0.58	0.13	0.42
SRM626	CONDUIT	354.92	0	00:40	2.91	0.77	0.75
SRM626-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM627	CONDUIT	488.17	0	00:40	3.30	1.05	0.95
SRM627-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM628	CONDUIT	666.36	0	00:39	2.45	1.09	1.00
SRM628-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.01
SRM629	CONDUIT	624.55	0	00:39	2.32	1.07	1.00
SRM629-S	CHANNEL	1.19	0	00:44	0.01	0.00	0.18
SRM63	CONDUIT	170.42	0	00:38	2.41	1.47	1.00
SRM630	CONDUIT	1033.92	0	00:42	3.66	1.30	1.00
SRM630-S	CHANNEL	1300.12	0	00:45	1.55	0.08	0.33
SRM631	CONDUIT	436.58	0	01:05	3.95	1.78	1.00
SRM631-S	CHANNEL	1227.00	0	00:44	1.87	0.05	0.31
SRM632	CONDUIT	272.68	0	00:44	2.48	1.42	1.00
SRM632-S	CHANNEL	920.87	0	00:47	1.21	0.07	0.32
SRM633	CONDUIT	36.41	0	01:01	1.16	0.94	1.00
SRM633-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.17
SRM634	CONDUIT	959.54	0	00:47	5.31	1.16	0.78
SRM635	CONDUIT	607.41	0	00:41	2.97	1.09	0.56
SRM63-S	CHANNEL	97.79	0	00:40	0.61	0.01	0.15
SRM64	CONDUIT	426.18	0	00:42	2.69	1.97	1.00
SRM640	CONDUIT	214.59	0	00:46	1.90	0.80	1.00
SRM641	CONDUIT	384.46	0	00:59	6.25	4.29	1.00
SRM641-S	CHANNEL	436.12	0	01:02	1.38	0.02	0.21
SRM642	CONDUIT	151.95	0	00:40	1.50	0.70	0.61
SRM643	CONDUIT	219.11	0	00:40	1.90	0.67	0.80
SRM643-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM646	CONDUIT	816.22	0	00:40	3.21	1.03	1.00
SRM646-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM64-S	CONDUIT	0.00	0	00:00	0.00	0.00	0.50
SRM65	CONDUIT	428.16	0	00:41	2.69	1.54	1.00
SRM650	CONDUIT	1.50	0	00:36	0.17	0.02	0.26
SRM655	CONDUIT	537.16	0	00:40	1.90	1.22	1.00
SRM655-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM656	CONDUIT	43.35	0	00:52	1.38	1.76	1.00
SRM656-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM658	CONDUIT	723.63	0	00:40	2.56	1.96	1.00
SRM658-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM65-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM66	CONDUIT	500.78	0	00:57	2.81	0.15	0.26
SRM661	CONDUIT	282.21	0	00:44	2.03	0.67	0.84
SRM661-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM662	CONDUIT	445.99	0	00:45	1.58	1.15	1.00
SRM662-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM666	CONDUIT	446.29	0	00:46	1.58	0.63	1.00
SRM666-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
SRM668	CONDUIT	211.29	0	00:38	2.99	3.12	1.00
SRM668-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.12
SRM67	CONDUIT	500.75	0	00:57	3.30	0.16	0.23
SRM68	CONDUIT	212.05	0	00:41	1.33	2.77	1.00
SRM680	CONDUIT	794.86	0	00:48	3.60	0.29	0.68
SRM680-S	CHANNEL	994.71	0	00:49	0.40	0.28	0.70
SRM681	CONDUIT	370.29	0	00:41	2.19	0.13	0.30
SRM681-S	CHANNEL	1970.96	0	00:41	0.95	0.15	0.70
SRM682	CONDUIT	642.80	0	00:41	3.06	0.23	0.29
SRM682-S	CHANNEL	1740.69	0	00:40	1.48	0.14	0.41
SRM683	CONDUIT	462.82	0	00:40	2.05	0.17	0.31
SRM683-S	CHANNEL	1963.88	0	00:40	1.44	0.19	0.45
SRM684	CONDUIT	75.06	0	00:40	0.65	0.03	0.20
SRM684-S	CHANNEL	1332.35	0	00:40	1.17	0.13	0.42
SRM685	CONDUIT	1203.50	0	00:45	2.89	0.65	0.62
SRM687	CONDUIT	1241.08	0	00:46	5.33	0.67	0.39

SRM688	CONDUIT	1109.81	0	00:45	3.12	0.97	0.75
SRM689	CONDUIT	3202.44	0	00:50	3.70	1.33	1.00
SRM689-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.18
SRM69	CONDUIT	212.05	0	00:41	1.33	1.52	1.00
SRM691	CONDUIT	701.79	0	00:38	4.49	1.05	1.00
SRM691-S	CHANNEL	15.42	0	00:41	0.65	0.00	0.06
SRM693	CONDUIT	277.52	0	00:38	3.95	1.46	1.00
SRM694	CONDUIT	270.17	0	00:38	3.82	1.05	1.00
SRM696	CONDUIT	18.97	0	00:39	0.40	0.52	1.00
SRM696-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM698	CONDUIT	137.53	0	00:40	3.18	0.28	0.41
SRM699	CONDUIT	132.98	0	00:40	3.30	0.40	0.39
SRM7	CONDUIT	78.56	0	00:39	1.12	1.84	1.00
SRM70	CONDUIT	139.95	0	00:45	1.21	0.57	0.77
SRM700	CONDUIT	712.03	0	00:40	4.71	1.08	1.00
SRM700-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM701	CONDUIT	930.05	0	00:38	4.54	0.93	1.00
SRM701-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM702	CONDUIT	130.96	0	00:40	1.69	0.22	0.66
SRM703	CONDUIT	838.74	0	00:48	3.87	1.19	1.00
SRM703-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM71	CONDUIT	10.14	0	00:40	0.24	0.05	0.63
SRM71-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM723	CONDUIT	34.29	0	00:42	0.49	0.90	1.00
SRM723-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.26
SRM724	CONDUIT	1490.69	0	00:52	2.87	0.88	1.00
SRM724-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM725	CONDUIT	262.28	0	00:37	2.37	3.22	1.00
SRM725-S	CHANNEL	1273.91	0	00:40	0.59	0.04	0.63
SRM726	CONDUIT	119.65	0	00:33	1.08	1.54	1.00
SRM726-S	CHANNEL	1381.16	0	00:40	1.19	0.14	0.41
SRM727	CONDUIT	18.98	0	00:31	0.24	0.13	1.00
SRM728	CONDUIT	41.90	0	01:41	0.38	10.25	1.00
SRM728-S	CHANNEL	337.32	0	00:41	0.23	0.06	0.49
SRM73	CONDUIT	517.32	0	00:41	2.46	1.83	0.84
SRM730	CONDUIT	154.56	0	00:38	1.40	0.98	1.00
SRM730-S	CHANNEL	181.23	0	00:40	0.19	0.01	0.36
SRM731	CONDUIT	1040.55	0	00:41	2.20	1.03	0.72
SRM733	CONDUIT	78.47	0	00:03	1.28	0.47	0.71
SRM733-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM735	CONDUIT	549.39	0	00:40	3.45	1.27	1.00
SRM735-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM736	CONDUIT	541.18	0	00:46	3.40	1.41	1.00
SRM736-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM738	CONDUIT	83.01	0	00:40	2.84	0.39	0.43
SRM739	CONDUIT	82.27	0	00:40	2.48	0.44	0.59
SRM739-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM740	CONDUIT	318.43	0	00:40	3.70	0.79	0.76
SRM740-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM741	CONDUIT	443.85	0	00:40	3.09	1.06	0.91
SRM742	CONDUIT	510.82	0	00:40	2.67	0.74	0.64
SRM743	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM743-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM744	CONDUIT	21.98	0	00:40	1.89	0.03	0.56
SRM744-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM745	CONDUIT	166.00	0	00:40	2.33	0.34	1.00
SRM745-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM746	CONDUIT	50.23	0	00:39	1.05	0.82	1.00
SRM747	CONDUIT	10.54	0	00:47	0.38	0.33	1.00
SRM747-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM748	CONDUIT	209.99	0	00:40	1.90	2.01	1.00
SRM748-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM749	CONDUIT	48.46	0	00:42	0.56	0.38	1.00
SRM749-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM75	CONDUIT	302.09	0	00:40	1.44	8.20	0.76
SRM750	CONDUIT	84.17	0	00:40	1.36	0.43	1.00
SRM750-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM751	CONDUIT	386.13	0	00:41	1.94	0.74	1.00
SRM751-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM752	CONDUIT	211.64	0	00:40	1.34	1.36	1.00
SRM752-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM753	CONDUIT	202.37	0	00:42	1.41	1.12	1.00
SRM753-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM754	CONDUIT	188.13	0	00:38	1.21	1.47	1.00
SRM754-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00

SRM755	CONDUIT	28.74	0	00:38	0.49	0.42	1.00
SRM756	CONDUIT	45.07	0	00:40	1.89	0.27	0.66
SRM756-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM757	CONDUIT	78.02	0	00:38	1.58	0.48	1.00
SRM757-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM758	CONDUIT	180.24	0	00:40	2.55	1.19	1.00
SRM758-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM759	CONDUIT	144.56	0	00:40	2.05	3.44	1.00
SRM76	CONDUIT	2920.46	0	00:41	6.72	0.61	0.65
SRM760	CONDUIT	4.05	0	00:45	0.21	0.07	0.71
SRM760-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM761	CONDUIT	117.14	0	00:38	1.80	0.69	1.00
SRM761-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM762	CONDUIT	144.55	0	00:40	2.04	1.93	1.00
SRM763	CONDUIT	548.64	0	00:40	2.45	1.11	0.77
SRM763-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM764	CONDUIT	125.43	0	00:40	1.81	1.70	0.95
SRM764-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM765	CONDUIT	182.43	0	00:40	3.07	0.89	0.87
SRM765-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM769	CONDUIT	839.18	0	00:48	3.88	8.16	1.00
SRM769-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.25
SRM77	CONDUIT	217.38	0	00:51	3.08	1.39	1.00
SRM770	CONDUIT	957.29	0	01:01	3.39	1.29	1.00
SRM770-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.17
SRM772	CONDUIT	87.57	0	00:38	2.79	2.11	1.00
SRM772-S	CHANNEL	70.25	0	00:40	0.97	0.00	0.10
SRM773	CONDUIT	257.91	0	00:40	1.05	0.64	1.00
SRM774	CONDUIT	43.00	0	00:39	1.42	0.20	1.00
SRM774-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM775	CONDUIT	187.23	0	00:52	2.65	1.25	1.00
SRM775-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.01
SRM776	CONDUIT	678.09	0	00:55	2.40	1.08	1.00
SRM78	CONDUIT	40.27	0	00:38	0.57	0.43	1.00
SRM79	CONDUIT	247.41	0	00:53	1.74	1.10	1.00
SRM798	CONDUIT	139.57	0	00:40	0.88	2.06	1.00
SRM798-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM7-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM8	CONDUIT	20.24	0	00:40	0.57	0.48	0.50
SRM80	CONDUIT	598.03	0	00:40	2.13	1.19	1.00
SRM800	CONDUIT	64.73	0	00:39	0.59	1.10	1.00
SRM800-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM801	CONDUIT	346.65	0	00:56	0.78	1.02	1.00
SRM801-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM802	CONDUIT	363.90	0	00:40	1.31	1.56	1.00
SRM802-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM803	CONDUIT	108.95	0	00:39	1.56	1.46	1.00
SRM803-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM804	CONDUIT	169.17	0	00:40	1.09	2.26	1.00
SRM804-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM805	CONDUIT	28.75	0	00:41	0.28	0.45	1.00
SRM806	CONDUIT	450.59	0	00:40	1.11	1.24	1.00
SRM806-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM807	CONDUIT	19.15	0	00:42	0.63	1.90	1.00
SRM807-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM808	CONDUIT	605.82	0	00:40	1.56	1.06	1.00
SRM808-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM809	CONDUIT	25.27	0	00:40	0.80	1.89	1.00
SRM809-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM81	CONDUIT	676.86	0	00:42	2.45	1.20	0.94
SRM810	CONDUIT	607.48	0	01:09	0.95	0.91	1.00
SRM814	CONDUIT	58.14	0	03:21	0.89	1.27	1.00
SRM815	CONDUIT	59.65	0	03:16	0.84	1.30	1.00
SRM816	CONDUIT	100.65	0	00:43	1.42	2.19	1.00
SRM82	CONDUIT	1380.96	0	01:04	3.86	1.24	1.00
SRM826	CONDUIT	969.12	0	00:45	2.27	1.91	1.00
SRM826-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM83	CONDUIT	1380.94	0	01:05	3.86	1.25	1.00
SRM830	CONDUIT	216.51	0	00:48	3.06	1.73	1.00
SRM831	CONDUIT	111.20	0	00:39	2.10	0.82	1.00
SRM832	CONDUIT	122.50	0	00:40	2.15	0.90	0.81
SRM833	CONDUIT	17.51	0	00:52	0.52	0.21	0.76
SRM834	CONDUIT	121.29	0	00:41	1.72	53.14	1.00
SRM836	CONDUIT	70.64	0	00:39	2.25	1.67	1.00
SRM836-S	CHANNEL	88.87	0	00:41	0.05	0.00	0.56

SRM838	CONDUIT	67.61	0	01:03	0.96	2.24	1.00
SRM839	CONDUIT	114.17	0	00:39	1.65	1.40	1.00
SRM84	CONDUIT	1365.37	0	01:06	3.82	1.21	1.00
SRM840	CONDUIT	114.15	0	00:39	1.61	2.42	1.00
SRM844	CONDUIT	84.12	0	00:39	0.54	0.66	1.00
SRM844-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM845	CONDUIT	75.90	0	00:39	0.48	0.66	1.00
SRM845-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM846	CONDUIT	692.22	0	00:39	1.80	0.99	1.00
SRM847	CONDUIT	115.47	0	01:10	0.73	1.17	1.00
SRM847-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.35
SRM848	CONDUIT	54.24	0	00:40	0.77	1.25	1.00
SRM848-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM849	CONDUIT	135.78	0	01:10	0.85	1.37	1.00
SRM849-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM85	CONDUIT	1365.36	0	01:06	3.82	1.20	1.00
SRM850	CONDUIT	25.46	0	00:40	0.87	1.18	1.00
SRM850-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM851	CONDUIT	338.97	0	00:42	0.95	1.69	1.00
SRM851-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM852	CONDUIT	350.59	0	00:42	1.62	1.31	1.00
SRM852-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM853	CONDUIT	0.00	0	00:00	0.00	0.00	0.07
SRM853-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM854	CONDUIT	94.10	0	00:40	2.23	0.45	0.59
SRM854-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM855	CONDUIT	317.22	0	00:39	3.16	1.08	1.00
SRM855-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM856	CONDUIT	125.51	0	00:40	1.46	0.95	0.73
SRM856-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM857	CONDUIT	0.00	0	00:00	0.00	0.00	0.50
SRM857-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM858	CONDUIT	7.54	0	01:00	0.25	0.66	1.00
SRM858-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM859	CONDUIT	152.90	0	00:35	2.30	1.58	1.00
SRM859-S	CHANNEL	1789.49	0	00:41	1.14	0.24	0.50
SRM86	CONDUIT	1356.57	0	01:11	3.79	1.20	1.00
SRM863	CONDUIT	474.25	0	00:38	1.70	2.67	1.00
SRM863-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM864	CONDUIT	247.11	0	01:36	4.11	3.64	1.00
SRM864-S	CHANNEL	839.98	0	01:36	0.56	0.11	0.49
SRM865	CONDUIT	161.22	0	01:36	1.01	1.37	1.00
SRM865-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM866	CONDUIT	174.33	0	01:36	1.10	1.76	1.00
SRM866-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM867	CONDUIT	217.30	0	00:39	1.00	1.46	1.00
SRM867-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM869	CONDUIT	214.78	0	00:40	0.99	1.58	1.00
SRM869-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM870	CONDUIT	291.09	0	00:39	1.34	1.44	1.00
SRM870-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM871	CONDUIT	283.24	0	00:40	1.00	1.61	1.00
SRM871-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM872	CONDUIT	361.11	0	00:39	1.28	2.30	1.00
SRM872-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM873	CONDUIT	223.47	0	01:37	2.02	2.17	1.00
SRM873-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.08
SRM876	CONDUIT	55.50	0	01:21	0.79	1.28	1.00
SRM876-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.28
SRM88	CONDUIT	225.61	0	01:08	1.42	2.16	1.00
SRM880	CONDUIT	36.95	0	00:40	1.36	0.19	1.00
SRM880-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM881	CONDUIT	351.93	0	00:38	1.24	2.34	1.00
SRM881-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM882	CONDUIT	159.18	0	00:39	2.25	2.60	1.00
SRM882-S	CHANNEL	50.72	0	00:42	0.52	0.00	0.15
SRM883	CONDUIT	126.75	0	00:41	1.79	1.82	1.00
SRM883-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.13
SRM884	CONDUIT	57.66	0	00:38	1.14	0.26	1.00
SRM884-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM885	CONDUIT	384.10	0	00:38	1.36	1.68	1.00
SRM885-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM886	CONDUIT	76.04	0	00:40	1.08	1.04	1.00
SRM886-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.20
SRM887	CONDUIT	100.08	0	00:40	1.42	1.81	1.00

SRM887-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.07
SRM888	CONDUIT	152.58	0	01:39	1.38	2.25	1.00
SRM888-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM889	CONDUIT	179.23	0	00:40	4.33	4.96	1.00
SRM889-S	CHANNEL	260.22	0	01:37	0.24	0.03	0.60
SRM89	CONDUIT	117.79	0	00:36	1.67	2.35	1.00
SRM890	CONDUIT	104.47	0	00:40	1.50	2.42	1.00
SRM890-S	CHANNEL	131.25	0	01:38	0.09	0.02	0.70
SRM891	CONDUIT	124.56	0	00:40	1.78	2.87	1.00
SRM891-S	CHANNEL	608.44	0	00:40	0.51	0.10	0.67
SRM892	CONDUIT	498.33	0	00:38	3.35	1.54	1.00
SRM892-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM893	CONDUIT	411.20	0	00:38	1.54	0.74	1.00
SRM893-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM89-S	CHANNEL	619.57	0	00:41	0.72	0.05	0.64
SRM9	CONDUIT	344.41	0	00:39	3.12	1.63	1.00
SRM90	CONDUIT	162.27	0	00:41	2.30	1.05	1.00
SRM905	CONDUIT	1154.22	0	00:44	4.08	2.34	1.00
SRM905-S	CHANNEL	1084.00	0	00:46	0.50	0.04	0.65
SRM906-20171208	CONDUIT	59.97	0	00:41	0.97	1.28	0.82
SRM906-20171208-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM90-S	CHANNEL	52.44	0	00:41	0.21	0.00	0.19
SRM915	CONDUIT	947.32	0	01:20	3.36	1.94	1.00
SRM915-S	CHANNEL	647.99	0	00:51	0.99	0.05	0.29
SRM92	CONDUIT	76.75	0	00:37	1.09	1.37	1.00
SRM926	CONDUIT	343.74	0	00:47	4.86	4.64	1.00
SRM926-S	CHANNEL	159.18	0	00:47	0.44	0.03	0.22
SRM927	CONDUIT	1401.94	0	00:40	3.44	1.07	0.96
SRM927-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM928	CONDUIT	0.00	0	00:00	0.00	0.00	0.50
SRM929	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM929-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM92-S	CHANNEL	353.36	0	00:41	0.81	0.03	0.26
SRM93	CONDUIT	98.92	0	01:41	2.26	6.78	1.00
SRM931	CONDUIT	1541.33	0	00:41	2.76	1.10	0.82
SRM931-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM932	CONDUIT	0.00	0	00:00	0.00	0.00	0.05
SRM932-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM933	CONDUIT	1454.53	0	00:40	3.33	1.16	0.97
SRM933-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM934	CONDUIT	705.27	0	00:40	2.55	1.14	0.95
SRM934-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM936	CONDUIT	496.86	0	00:41	1.79	0.87	1.00
SRM936-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM938	CONDUIT	143.89	0	00:40	2.49	0.57	0.76
SRM938-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM939	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM93-S	CHANNEL	137.81	0	00:40	0.23	0.02	0.60
SRM941	CONDUIT	70.42	0	02:05	1.87	0.54	0.53
SRM942_2	CONDUIT	70.43	0	02:04	1.61	0.74	0.59
SRM943	CONDUIT	56.25	0	00:40	2.13	0.34	0.40
SRM943-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM944	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM945	CONDUIT	3462.05	0	00:00	4.07	2.54	1.00
SRM946	CONDUIT	1662.62	0	00:40	1.93	1.05	1.00
SRM947	CONDUIT	1523.10	0	00:40	2.68	1.11	0.84
SRM947-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM950	CONDUIT	41.75	0	00:40	1.31	0.24	0.33
SRM950-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM951	CONDUIT	367.78	0	00:40	3.19	0.81	0.68
SRM951-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM952	CONDUIT	214.91	0	00:40	3.00	0.70	0.62
SRM952-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM954	CONDUIT	662.83	0	00:40	2.64	0.78	0.67
SRM954-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM955	CONDUIT	498.59	0	00:40	2.09	0.91	0.90
SRM955-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM956	CONDUIT	0.00	0	00:00	0.00	0.00	0.13
SRM957	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM958	CONDUIT	675.32	0	00:40	3.26	0.82	0.69
SRM958-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM959	CONDUIT	499.80	0	00:40	3.46	1.07	1.00
SRM959-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM960	CONDUIT	316.00	0	00:40	3.41	0.96	0.79
SRM960-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00

SRM961	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM961-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM963	CONDUIT	559.81	0	00:41	3.44	0.44	0.47
SRM964	CONDUIT	417.50	0	00:40	1.69	1.30	0.83
SRM964-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM965	CONDUIT	516.01	0	00:41	1.61	1.53	0.84
SRM965-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM966	CONDUIT	50.29	0	00:43	1.62	1.81	0.96
SRM966-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM967	CONDUIT	82.66	0	00:40	0.93	0.59	0.78
SRM967-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM984	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM984-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM985	CONDUIT	377.51	0	00:40	3.33	0.79	0.67
SRM985-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM986	CONDUIT	482.90	0	00:40	2.63	0.69	0.79
SRM986-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM987	CONDUIT	131.77	0	00:42	1.90	2.16	0.95
SRM987-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM988	CONDUIT	685.15	0	00:40	2.02	1.00	0.72
SRM989	CONDUIT	0.00	0	00:00	0.00	0.00	0.35
SRM989-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM99	CONDUIT	146.46	0	00:41	2.38	0.30	0.41
SRM990	CONDUIT	113.09	0	00:40	1.72	0.96	0.89
SRM990-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM991	CONDUIT	379.44	0	00:40	1.85	1.35	0.90
SRM992	CONDUIT	205.63	0	00:38	3.06	1.08	1.00
SRM992-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM993	CONDUIT	1.39	0	00:40	0.08	0.04	0.57
SRM993-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM994	CONDUIT	38.20	0	00:40	1.38	0.70	0.85
SRM994-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM995	CONDUIT	19.63	0	00:40	0.41	0.32	0.78
SRM995-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM996	CONDUIT	95.18	0	00:40	1.42	1.61	0.90
SRM996-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM997	CONDUIT	0.00	0	00:00	0.00	0.00	0.09
SRM9-S	CHANNEL	1371.63	0	00:44	1.60	0.09	0.34
Vista_Ryders_Ridge	CONDUIT	562.61	0	00:00	2.96	2.24	1.00
C18	PUMP	600.00	0	00:40		1.00	
P1	PUMP	373.80	0	00:36		1.00	
GCC16	ORIFICE	57.69	0	00:40			1.00
GCC28	ORIFICE	7.95	0	00:55			1.00
GCC37	ORIFICE	414.38	0	01:33			1.00
OR1	ORIFICE	67.70	0	01:02			1.00
OR2	ORIFICE	243.65	0	01:07			1.00
OR3	ORIFICE	34.74	0	02:37			1.00
OR4	ORIFICE	9.91	0	02:21			1.00
OR5	ORIFICE	0.61	0	01:44			0.08
OR6	ORIFICE	2.21	0	02:12			1.00
OR7	ORIFICE	4.82	0	02:02			1.00
SRM107_1	ORIFICE	233.05	0	02:05			1.00
SRM1742	ORIFICE	28.28	0	02:30			1.00
SRM525_1	ORIFICE	490.60	0	00:48			1.00
SRM639	ORIFICE	214.57	0	00:46			1.00
SRM942_1	ORIFICE	70.44	0	02:02			1.00
SRM999	ORIFICE	196.14	0	00:00			1.00
C67	WEIR	485.30	0	00:55			1.00
W1	WEIR	59.56	0	00:41			0.50

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Flow Classification Summary
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	Adjusted /Actual	Fraction of Time in Flow Class								
Conduit	Up Length	Down Dry	Sub Dry	Sup Dry	Up Crit	Down Crit	Norm Crit	Inlet Crit	Ltd	Ctrl
1000	1.00	0.05	0.00	0.00	0.94	0.01	0.00	0.00	0.78	0.00
1000-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1001	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.68	0.00
1001-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1002	1.00	0.04	0.00	0.00	0.05	0.00	0.00	0.91	0.00	0.00

1003	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.01	0.00
1003-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1004	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.86	0.00
1005	1.00	0.04	0.00	0.00	0.05	0.00	0.00	0.90	0.02	0.00
1005-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1006	1.00	0.04	0.00	0.00	0.05	0.00	0.00	0.90	0.00	0.00
1007	1.00	0.04	0.00	0.00	0.06	0.00	0.00	0.89	0.02	0.00
1007-S	1.00	0.99	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1008	1.00	0.04	0.00	0.00	0.10	0.00	0.00	0.85	0.00	0.00
1008-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1009	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.73	0.00
1009-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1011	1.00	0.04	0.00	0.00	0.06	0.00	0.00	0.90	0.00	0.00
993	1.00	0.04	0.00	0.00	0.12	0.09	0.00	0.75	0.20	0.00
993-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
994	1.00	0.04	0.00	0.00	0.05	0.02	0.00	0.89	0.07	0.00
994-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
995	1.00	0.04	0.00	0.00	0.04	0.00	0.00	0.92	0.00	0.00
996	1.00	0.04	0.00	0.00	0.60	0.00	0.00	0.36	0.35	0.00
996-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
997	1.00	0.05	0.00	0.00	0.42	0.01	0.00	0.52	0.36	0.00
998	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.46	0.00
999	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.51	0.00
C1	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.86	0.00
C10	1.00	0.15	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.00
C100	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C101	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C102	1.00	0.10	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C103	1.00	0.07	0.03	0.00	0.91	0.00	0.00	0.00	0.42	0.00
C104	1.00	0.04	0.02	0.00	0.93	0.00	0.00	0.00	0.42	0.00
C105	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.06	0.00
C106	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.07	0.00
C107	1.00	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00
C108	1.00	0.07	0.02	0.00	0.91	0.00	0.00	0.00	0.00	0.00
C109	1.00	0.04	0.03	0.00	0.93	0.00	0.00	0.00	0.00	0.00
C11	1.00	0.13	0.00	0.00	0.87	0.00	0.00	0.00	0.00	0.00
C110	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
C111	1.00	0.04	0.01	0.00	0.95	0.00	0.00	0.00	0.06	0.00
C112	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.51	0.00
C12	1.00	0.10	0.05	0.00	0.83	0.00	0.03	0.00	0.00	0.00
C13	1.00	0.10	0.00	0.00	0.90	0.00	0.00	0.00	0.71	0.00
C14	1.00	0.11	0.00	0.00	0.85	0.00	0.00	0.04	0.00	0.00
C15	1.00	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.01	0.00
C16	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.03	0.00
C17	1.00	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.15	0.00
C18-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C18-S1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C18-S2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C18-S3	1.00	0.59	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00
C18-S4	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C18-S5	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C18-S6	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C18-S7	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C18-S8	1.00	0.10	0.00	0.00	0.11	0.02	0.77	0.00	0.06	0.00
C19	1.00	0.04	0.03	0.00	0.93	0.00	0.00	0.00	0.03	0.00
C2	1.00	0.04	0.01	0.00	0.01	0.95	0.00	0.00	0.91	0.00
C20	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.41	0.00
C20-S	1.00	0.08	0.35	0.00	0.00	0.00	0.57	0.00	0.00	0.00
C20-S1	1.00	0.93	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C20-S2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C20-S3	1.00	0.87	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00
C20-S4	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C20-S5	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C20-S6	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C21	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.32	0.00
C21-S	1.00	0.90	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
C22	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.12	0.00
C23	1.00	0.02	0.00	0.00	0.03	0.94	0.00	0.00	0.45	0.00
C24	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.08	0.00
C24-S1	1.00	0.87	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C25	1.00	0.10	0.02	0.00	0.17	0.00	0.00	0.71	0.03	0.00
C25-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C26	1.00	0.05	0.00	0.00	0.90	0.05	0.00	0.00	0.00	0.00
C26_2	1.00	0.04	0.00	0.00	0.92	0.03	0.00	0.00	0.78	0.00
C27	1.00	0.07	0.00	0.00	0.00	0.00	0.00	0.93	0.00	0.00

C28	1.00	0.09	0.00	0.00	0.84	0.07	0.00	0.00	0.70	0.00
C29	1.00	0.04	0.00	0.00	0.88	0.08	0.00	0.00	0.00	0.00
C3	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.35	0.00
C30	1.00	0.04	0.00	0.00	0.08	0.87	0.00	0.00	0.05	0.00
C31	1.00	0.04	0.00	0.00	0.93	0.02	0.00	0.00	0.87	0.00
C32	1.00	0.04	0.00	0.00	0.87	0.09	0.00	0.00	0.82	0.00
C32_1	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.84	0.00
C32_3	1.00	0.04	0.00	0.00	0.87	0.09	0.00	0.00	0.25	0.00
C32_4	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.77	0.00
C33	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.61	0.00
C33-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C34	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.70	0.00
C34-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C35	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.58	0.00
C35-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C36	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C36_2	1.00	0.04	0.00	0.00	0.94	0.02	0.00	0.00	0.58	0.00
C37	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.83	0.00
C38	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.82	0.00
C39	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.89	0.00
C3-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
C40	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.02	0.00
C41	1.00	0.04	0.05	0.00	0.00	0.90	0.00	0.00	0.00	0.00
C42	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.04	0.00
C43	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.01	0.00
C44	1.00	0.04	0.02	0.00	0.94	0.00	0.00	0.00	0.87	0.00
C45	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
C46	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.84	0.00
C47	1.00	0.04	0.00	0.00	0.63	0.33	0.00	0.00	0.39	0.00
C48	1.00	0.04	0.05	0.00	0.91	0.00	0.00	0.00	0.31	0.00
C49	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.02	0.00
C49_1	1.00	0.05	0.00	0.00	0.90	0.05	0.00	0.00	0.78	0.00
C49_2	1.00	0.06	0.00	0.00	0.89	0.05	0.00	0.00	0.73	0.00
C4-S	1.00	0.51	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C5	1.00	0.04	0.00	0.00	0.53	0.42	0.00	0.00	0.54	0.00
C50	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.90	0.00
C51	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.83	0.00
C52	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.86	0.00
C53	1.00	0.05	0.00	0.00	0.00	0.95	0.00	0.00	0.07	0.00
C53_1	1.00	0.04	0.00	0.00	0.87	0.09	0.00	0.00	0.85	0.00
C54	1.00	0.05	0.00	0.00	0.49	0.46	0.00	0.00	0.82	0.00
C54_1	1.00	0.04	0.00	0.00	0.89	0.06	0.00	0.00	0.84	0.00
C55	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.22	0.00
C55-S	1.00	0.33	0.02	0.00	0.65	0.00	0.00	0.00	0.24	0.00
C56	1.00	0.04	0.00	0.00	0.94	0.01	0.00	0.00	0.00	0.00
C56-S	1.00	0.26	0.00	0.00	0.71	0.00	0.00	0.04	0.02	0.00
C57	1.00	0.04	0.00	0.00	0.94	0.02	0.00	0.00	0.12	0.00
C58	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.89	0.00
C59	1.00	0.07	0.00	0.00	0.76	0.17	0.00	0.00	0.00	0.00
C59-S	1.00	0.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C5-S	1.00	0.68	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00
C6	1.00	0.04	0.00	0.00	0.87	0.08	0.00	0.00	0.52	0.00
C60	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.85	0.00
C61	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C62	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C63	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.02	0.00
C63-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C64	1.00	0.04	0.00	0.00	0.92	0.01	0.00	0.03	0.88	0.00
C64-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C65	1.00	0.04	0.02	0.00	0.93	0.00	0.01	0.00	0.00	0.00
C65-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C66	1.00	0.01	0.03	0.00	0.21	0.74	0.00	0.00	0.88	0.00
C68	1.00	0.04	0.01	0.00	0.95	0.00	0.00	0.00	0.01	0.00
C69	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.77	0.00
C6-S	1.00	0.04	0.65	0.00	0.31	0.00	0.00	0.00	0.84	0.00
C7	1.00	0.04	0.00	0.00	0.20	0.76	0.00	0.00	0.37	0.00
C70	1.00	0.05	0.04	0.00	0.91	0.00	0.00	0.00	0.00	0.00
C71	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
C72	1.00	0.04	0.02	0.00	0.94	0.00	0.00	0.00	0.04	0.00
C73	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.03	0.00
C74	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
C75	1.00	0.04	0.02	0.00	0.94	0.00	0.00	0.00	0.05	0.00
C76	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.08	0.00
C77	1.00	0.04	0.00	0.00	0.87	0.08	0.00	0.00	0.07	0.00

C78	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.88	0.00
C79	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
C7-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C8	1.00	0.21	0.00	0.00	0.79	0.00	0.00	0.00	0.02	0.00
C80	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
C81	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.02	0.00
C82	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.07	0.00
C83	1.00	0.04	0.00	0.00	0.27	0.00	0.00	0.69	0.18	0.00
C84	1.00	0.05	0.00	0.00	0.01	0.94	0.00	0.00	0.81	0.00
C85	1.00	0.07	0.00	0.00	0.05	0.89	0.00	0.00	0.83	0.00
C86	1.00	0.05	0.00	0.00	0.24	0.20	0.00	0.51	0.00	0.00
C87	1.00	0.05	0.00	0.00	0.92	0.03	0.00	0.00	0.18	0.00
C88	1.00	0.04	0.03	0.00	0.11	0.82	0.00	0.00	0.79	0.00
C89	1.00	0.04	0.01	0.00	0.94	0.00	0.00	0.00	0.85	0.00
C9	1.00	0.15	0.01	0.00	0.70	0.14	0.00	0.00	0.70	0.00
C90	1.00	0.04	0.00	0.00	0.90	0.06	0.00	0.00	0.00	0.00
C91	1.00	0.04	0.00	0.00	0.00	0.96	0.00	0.00	0.91	0.00
C91_1	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.01	0.00
C91_2	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
C91_3	1.00	0.04	0.02	0.00	0.94	0.00	0.00	0.00	0.84	0.00
C91_4	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.88	0.00
C92	1.00	0.04	0.00	0.00	0.00	0.96	0.00	0.00	0.07	0.00
C93	1.00	0.00	0.04	0.00	0.91	0.05	0.00	0.00	0.89	0.00
C94	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C95	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
C96	1.00	0.05	0.00	0.00	0.00	0.95	0.00	0.00	0.06	0.00
C97	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
C98	1.00	0.05	0.00	0.00	0.88	0.07	0.00	0.00	0.78	0.00
C99	1.00	0.04	0.00	0.00	0.92	0.04	0.00	0.00	0.00	0.00
GCC1	1.00	0.05	0.00	0.00	0.90	0.00	0.00	0.06	0.82	0.00
GCC10	1.00	0.33	0.39	0.00	0.28	0.00	0.00	0.00	0.72	0.00
GCC11	1.00	0.05	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00
GCC12	1.00	0.00	0.44	0.00	0.56	0.00	0.00	0.00	0.44	0.00
GCC13	1.00	0.10	0.00	0.00	0.06	0.01	0.84	0.00	0.00	0.00
GCC13-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC15	1.00	0.05	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00
GCC17	1.00	0.04	0.00	0.00	0.29	0.24	0.00	0.42	0.22	0.00
GCC18	1.00	0.06	0.00	0.00	0.65	0.29	0.00	0.00	0.00	0.00
GCC19	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.01	0.01	0.00
GCC2	1.00	0.04	0.00	0.00	0.94	0.00	0.00	0.02	0.00	0.00
GCC20	1.00	0.09	0.00	0.00	0.90	0.00	0.00	0.01	0.00	0.00
GCC21	1.00	0.09	0.00	0.00	0.57	0.00	0.00	0.34	0.00	0.00
GCC22	1.00	0.06	0.00	0.00	0.93	0.01	0.00	0.00	0.00	0.00
GCC23	1.00	0.04	0.00	0.00	0.82	0.00	0.00	0.13	0.00	0.00
GCC23-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC24	1.00	0.05	0.00	0.00	0.84	0.12	0.00	0.00	0.75	0.00
GCC25	1.00	0.04	0.00	0.00	0.80	0.16	0.00	0.00	0.03	0.00
GCC26	1.00	0.04	0.00	0.00	0.00	0.95	0.00	0.00	0.02	0.00
GCC27	1.00	0.04	0.00	0.00	0.40	0.02	0.00	0.54	0.38	0.00
GCC29	1.00	0.04	0.00	0.00	0.06	0.08	0.00	0.82	0.00	0.00
GCC29-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC3	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
GCC30	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.03	0.00
GCC31	1.00	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.44	0.00
GCC32	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.05	0.00
GCC33	1.00	0.04	0.02	0.00	0.94	0.00	0.00	0.00	0.89	0.00
GCC34	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.74	0.00
GCC35	1.00	0.04	0.00	0.00	0.94	0.01	0.00	0.00	0.01	0.00
GCC36	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.02	0.00
GCC38	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.97	0.00
GCC39	1.00	0.00	0.04	0.00	0.89	0.00	0.00	0.07	0.07	0.00
GCC4	1.00	0.10	0.05	0.00	0.85	0.00	0.00	0.00	0.00	0.00
GCC40	1.00	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.08	0.00
GCC41	1.00	0.04	0.05	0.00	0.89	0.02	0.00	0.00	0.84	0.00
GCC42	1.00	0.04	0.03	0.00	0.93	0.00	0.00	0.00	0.10	0.00
GCC43	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.07	0.00
GCC44	1.00	0.04	0.06	0.00	0.88	0.00	0.01	0.00	0.04	0.00
GCC45	1.00	0.04	0.00	0.00	0.07	0.00	0.00	0.89	0.05	0.00
GCC46	1.00	0.04	0.02	0.00	0.94	0.00	0.00	0.00	0.11	0.00
GCC47	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
GCC48	1.00	0.57	0.07	0.00	0.14	0.18	0.00	0.04	0.65	0.00
GCC49	1.00	0.05	0.00	0.00	0.84	0.12	0.00	0.00	0.81	0.00
GCC5	1.00	0.05	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC50	1.00	0.04	0.00	0.00	0.88	0.08	0.00	0.00	0.88	0.00
GCC51	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.63	0.00

GCC52	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
GCC53	1.00	0.69	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC54	1.00	0.04	0.00	0.00	0.17	0.79	0.00	0.00	0.66	0.00
GCC54-S	1.00	0.93	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00
GCC55	1.00	0.04	0.00	0.00	0.30	0.66	0.00	0.00	0.04	0.00
GCC55-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC56	1.00	0.07	0.00	0.00	0.46	0.46	0.00	0.00	0.74	0.00
GCC57	1.00	0.08	0.00	0.00	0.89	0.03	0.00	0.00	0.73	0.00
GCC58	1.00	0.04	0.00	0.00	0.91	0.05	0.00	0.00	0.91	0.00
GCC59	1.00	0.04	0.00	0.00	0.92	0.03	0.00	0.00	0.88	0.00
GCC6	1.00	0.04	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC60	1.00	0.01	0.00	0.00	0.04	0.95	0.00	0.00	0.00	0.00
GCC61	1.00	0.04	0.00	0.00	0.93	0.02	0.00	0.00	0.90	0.00
GCC61-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC62	1.00	0.04	0.00	0.00	0.40	0.56	0.00	0.00	0.48	0.00
GCC62-S	1.00	0.76	0.00	0.00	0.00	0.13	0.00	0.11	0.12	0.00
GCC63	1.00	0.04	0.06	0.00	0.90	0.00	0.00	0.00	0.71	0.00
GCC63-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC64	1.00	0.02	0.07	0.00	0.21	0.70	0.00	0.00	0.86	0.00
GCC65	1.00	0.02	0.00	0.00	0.89	0.09	0.00	0.00	0.83	0.00
GCC66	1.00	0.05	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00
GCC67	1.00	0.04	0.00	0.00	0.91	0.04	0.00	0.00	0.82	0.00
GCC68	1.00	0.05	0.02	0.00	0.90	0.04	0.00	0.00	0.02	0.00
GCC7	1.00	0.04	0.00	0.00	0.19	0.06	0.00	0.71	0.23	0.00
GCC71	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.82	0.00
GCC72	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC73	1.00	0.05	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC74	1.00	0.04	0.01	0.00	0.95	0.00	0.00	0.00	0.26	0.00
GCC75	1.00	0.04	0.06	0.00	0.09	0.80	0.00	0.00	0.07	0.00
GCC8	1.00	0.33	0.16	0.00	0.51	0.00	0.00	0.00	0.50	0.00
GCC9	1.00	0.04	0.00	0.00	0.88	0.08	0.00	0.00	0.60	0.00
HPC1	1.00	0.12	0.01	0.00	0.87	0.00	0.00	0.00	0.00	0.00
HPC14	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
HPC15	1.00	0.09	0.00	0.00	0.04	0.87	0.00	0.00	0.00	0.00
HPC19	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.74	0.00
HPC2	1.00	0.04	0.00	0.00	0.89	0.00	0.00	0.07	0.00	0.00
HPC20	1.00	0.11	0.00	0.00	0.84	0.00	0.00	0.05	0.09	0.00
HPC21_1	1.00	0.04	0.08	0.00	0.88	0.00	0.00	0.00	0.58	0.00
HPC21_2	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.90	0.00
HPC22	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
HPC24	1.00	0.05	0.01	0.00	0.94	0.00	0.00	0.00	0.05	0.00
HPC25	1.00	0.05	0.00	0.00	0.91	0.00	0.00	0.04	0.01	0.00
HPC26	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.92	0.00
HPC27	1.00	0.04	0.00	0.00	0.08	0.87	0.00	0.00	0.00	0.00
HPC28	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.57	0.00
HPC29	1.00	0.04	0.00	0.00	0.92	0.04	0.00	0.00	0.00	0.00
HPC3	1.00	0.05	0.00	0.00	0.89	0.07	0.00	0.00	0.08	0.00
HPC33	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.81	0.00
HPC34_1	1.00	0.04	0.02	0.00	0.94	0.00	0.00	0.00	0.77	0.00
HPC34_2	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.14	0.00
HPC35	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.07	0.00
HPC36	1.00	0.04	0.08	0.00	0.88	0.00	0.00	0.00	0.00	0.00
HPC37	1.00	0.04	0.01	0.00	0.87	0.08	0.00	0.00	0.34	0.00
HPC38	1.00	0.04	0.01	0.00	0.91	0.04	0.00	0.00	0.90	0.00
HPC39	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
HPC4	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.07	0.00
HPC40	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.89	0.00
HPC42	1.00	0.04	0.00	0.00	0.72	0.00	0.00	0.24	0.07	0.00
HPC43	1.00	0.04	0.00	0.00	0.90	0.06	0.00	0.00	0.00	0.00
HPC44	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
HPC45	1.00	0.04	0.01	0.00	0.95	0.00	0.00	0.00	0.06	0.00
HPC46	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.79	0.00
HPC47	1.00	0.05	0.01	0.00	0.93	0.01	0.00	0.00	0.89	0.00
HPC48	1.00	0.04	0.01	0.00	0.95	0.00	0.00	0.00	0.02	0.00
HPC49	1.00	0.04	0.00	0.00	0.08	0.88	0.00	0.00	0.00	0.00
HPC5	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
HPC6	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.01	0.83	0.00
SRM1	1.00	0.04	0.00	0.00	0.04	0.00	0.00	0.92	0.00	0.00
SRM1000	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.96	0.00
SRM1002	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.05	0.00
SRM1008	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.01	0.31	0.00
SRM101	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM1012	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.07	0.00
SRM1013	1.00	0.05	0.00	0.00	0.73	0.00	0.00	0.22	0.01	0.00
SRM1014	1.00	0.04	0.00	0.00	0.89	0.00	0.00	0.06	0.03	0.00

SRM1015	1.00	0.04	0.00	0.00	0.89	0.00	0.00	0.06	0.02	0.00
SRM1017	1.00	0.13	0.32	0.00	0.24	0.00	0.31	0.00	0.09	0.00
SRM1018	1.00	0.10	0.01	0.00	0.76	0.00	0.00	0.13	0.28	0.00
SRM102	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM103	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM104	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM1040	1.00	0.04	0.00	0.00	0.89	0.06	0.00	0.00	0.00	0.00
SRM105	1.00	0.04	0.00	0.00	0.84	0.12	0.00	0.00	0.80	0.00
SRM1053	1.00	0.38	0.12	0.00	0.50	0.00	0.00	0.00	0.51	0.00
SRM106	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
SRM107_2	1.00	0.00	0.00	0.00	0.08	0.92	0.00	0.00	0.14	0.00
SRM108	1.00	0.11	0.09	0.00	0.80	0.00	0.00	0.00	0.78	0.00
SRM109	1.00	0.04	0.00	0.00	0.37	0.06	0.00	0.52	0.30	0.00
SRM109-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM110	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.01	0.00
SRM111	1.00	0.04	0.00	0.00	0.90	0.00	0.00	0.06	0.12	0.00
SRM112	1.00	0.04	0.00	0.00	0.90	0.00	0.00	0.06	0.15	0.00
SRM114	1.00	0.05	0.00	0.00	0.04	0.00	0.00	0.91	0.00	0.00
SRM116	1.00	0.04	0.00	0.00	0.08	0.00	0.00	0.87	0.00	0.00
SRM120	1.00	0.04	0.00	0.00	0.08	0.00	0.00	0.87	0.00	0.00
SRM120-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM121	1.00	0.11	0.00	0.00	0.07	0.00	0.00	0.82	0.08	0.00
SRM122	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM122-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM123	1.00	0.04	0.00	0.00	0.00	0.22	0.00	0.73	0.13	0.00
SRM123-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM124	1.00	0.04	0.00	0.00	0.06	0.06	0.00	0.84	0.04	0.00
SRM124-S	1.00	0.04	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM125	1.00	0.04	0.00	0.00	0.10	0.02	0.00	0.84	0.11	0.00
SRM125-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM13	1.00	0.04	0.00	0.00	0.07	0.00	0.00	0.89	0.01	0.00
SRM130	1.00	0.04	0.00	0.00	0.90	0.00	0.00	0.05	0.00	0.00
SRM1306	1.00	0.04	0.00	0.00	0.94	0.00	0.00	0.01	0.01	0.00
SRM1306-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1308	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
SRM1308-S	1.00	0.12	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1309	1.00	0.04	0.01	0.00	0.95	0.00	0.00	0.00	0.02	0.00
SRM1309-S	1.00	0.11	0.01	0.00	0.88	0.00	0.00	0.00	0.01	0.00
SRM131	1.00	0.05	0.00	0.00	0.91	0.00	0.00	0.05	0.00	0.00
SRM1310	1.00	0.04	0.02	0.00	0.94	0.00	0.00	0.00	0.48	0.00
SRM132	1.00	0.05	0.00	0.00	0.93	0.00	0.00	0.02	0.00	0.00
SRM134	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.77	0.00
SRM136	1.00	0.04	0.00	0.00	0.09	0.87	0.00	0.00	0.79	0.00
SRM136-S	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
SRM137	1.00	0.04	0.00	0.00	0.94	0.02	0.00	0.00	0.88	0.00
SRM137-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM138	1.00	0.04	0.00	0.00	0.08	0.37	0.00	0.51	0.41	0.00
SRM138-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM139	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM139-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM13-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM14	1.00	0.04	0.00	0.00	0.38	0.01	0.00	0.57	0.10	0.00
SRM142	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.04	0.00
SRM144	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM144-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM145	1.00	0.04	0.00	0.00	0.10	0.00	0.00	0.86	0.00	0.00
SRM145-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM146	1.00	0.04	0.00	0.00	0.04	0.01	0.00	0.90	0.02	0.00
SRM146-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM147	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM148	1.00	0.04	0.00	0.00	0.01	0.01	0.00	0.94	0.01	0.00
SRM148-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM149	1.00	0.04	0.00	0.00	0.03	0.03	0.00	0.90	0.03	0.00
SRM149-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM14-S	1.00	0.76	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM150	1.00	0.04	0.00	0.00	0.20	0.00	0.00	0.76	0.11	0.00
SRM151	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM151-S	1.00	0.04	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM152	1.00	0.04	0.00	0.00	0.00	0.02	0.00	0.94	0.01	0.00
SRM152-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM153	1.00	0.86	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM154	1.00	0.05	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00
SRM155	1.00	0.05	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00
SRM156	1.00	0.05	0.00	0.00	0.74	0.10	0.00	0.11	0.78	0.00
SRM158	1.00	0.05	0.01	0.00	0.67	0.27	0.00	0.01	0.81	0.00

SRM158-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM16	1.00	0.04	0.00	0.00	0.25	0.02	0.00	0.69	0.20	0.00
SRM162	1.00	0.04	0.00	0.00	0.00	0.09	0.00	0.87	0.09	0.00
SRM162-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM163	1.00	0.04	0.00	0.00	0.00	0.11	0.00	0.85	0.11	0.00
SRM163-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM164	1.00	0.04	0.00	0.00	0.00	0.02	0.00	0.94	0.01	0.00
SRM164-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM165	1.00	0.04	0.00	0.00	0.01	0.02	0.00	0.93	0.01	0.00
SRM165-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM166	1.00	0.04	0.00	0.00	0.02	0.01	0.00	0.93	0.01	0.00
SRM166-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM168	1.00	0.04	0.00	0.00	0.20	0.21	0.00	0.55	0.36	0.00
SRM168-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM16-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM17	1.00	0.04	0.00	0.00	0.25	0.70	0.00	0.00	0.81	0.00
SRM170	1.00	0.04	0.00	0.00	0.89	0.00	0.00	0.06	0.51	0.00
SRM170-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM171	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.05	0.00
SRM1710	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1711	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1712	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1713	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1714	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1715	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1716	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1717	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1718	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1719	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM171-S	1.00	0.59	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1720	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1721	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1722	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1723	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1724	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1725	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1726	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1727	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1728	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1729	1.00	0.19	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1730	1.00	0.12	0.01	0.00	0.86	0.00	0.00	0.00	0.00	0.00
SRM1731	1.00	0.14	0.02	0.00	0.84	0.00	0.00	0.00	0.00	0.00
SRM1732	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1733	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1734	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1735	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1736	1.00	0.12	0.01	0.00	0.87	0.00	0.00	0.00	0.00	0.00
SRM1737	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
SRM1738	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
SRM1739	1.00	0.13	0.08	0.00	0.79	0.00	0.00	0.00	0.18	0.00
SRM1740	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.16	0.00
SRM1741	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
SRM1743	1.00	0.09	0.03	0.00	0.00	0.88	0.00	0.00	0.00	0.00
SRM1744	1.00	0.06	0.00	0.00	0.05	0.90	0.00	0.00	0.00	0.00
SRM176	1.00	0.04	0.00	0.00	0.00	0.96	0.00	0.00	0.01	0.00
SRM176-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM178	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM178-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM179	1.00	0.04	0.00	0.00	0.00	0.09	0.00	0.87	0.03	0.00
SRM179-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM18	1.00	0.04	0.00	0.00	0.04	0.00	0.00	0.91	0.00	0.00
SRM180	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM180-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM181	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM181-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM19	1.00	0.04	0.00	0.00	0.07	0.00	0.00	0.89	0.01	0.00
SRM195	1.00	0.04	0.00	0.00	0.94	0.00	0.00	0.01	0.65	0.00
SRM195-S	1.00	0.93	0.04	0.00	0.02	0.00	0.00	0.01	0.83	0.00
SRM196	1.00	0.04	0.00	0.00	0.22	0.00	0.00	0.74	0.00	0.00
SRM196-S	1.00	0.84	0.10	0.00	0.06	0.00	0.00	0.00	0.83	0.00
SRM197	1.00	0.04	0.00	0.00	0.39	0.00	0.00	0.57	0.02	0.00
SRM197-S	1.00	0.84	0.04	0.00	0.04	0.00	0.08	0.00	0.00	0.00
SRM198	1.00	0.04	0.00	0.00	0.53	0.00	0.00	0.43	0.22	0.00
SRM198-S	1.00	0.91	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00
SRM199	1.00	0.04	0.00	0.00	0.26	0.00	0.00	0.70	0.02	0.00

SRM199-S	1.00	0.88	0.01	0.00	0.00	0.00	0.11	0.00	0.00	0.00
SRM1-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM2	1.00	0.04	0.00	0.00	0.05	0.01	0.00	0.90	0.01	0.00
SRM20	1.00	0.04	0.00	0.00	0.08	0.00	0.00	0.87	0.00	0.00
SRM200	1.00	0.04	0.00	0.00	0.33	0.00	0.00	0.63	0.07	0.00
SRM200-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM201	1.00	0.04	0.00	0.00	0.33	0.00	0.00	0.62	0.03	0.00
SRM201-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM202	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.56	0.00
SRM202-S	1.00	0.87	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM204	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.27	0.00
SRM204-S	1.00	0.82	0.05	0.00	0.13	0.00	0.00	0.00	0.83	0.00
SRM206	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.01	0.45	0.00
SRM206-S	1.00	0.82	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM208	1.00	0.04	0.00	0.00	0.93	0.00	0.00	0.03	0.32	0.00
SRM208-S	1.00	0.81	0.00	0.00	0.18	0.00	0.00	0.00	0.78	0.00
SRM209	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
SRM209-S	1.00	0.74	0.07	0.00	0.19	0.00	0.00	0.00	0.71	0.00
SRM21	1.00	0.04	0.00	0.00	0.08	0.00	0.00	0.87	0.01	0.00
SRM214	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.03	0.00
SRM215	1.00	0.04	0.00	0.00	0.87	0.09	0.00	0.00	0.00	0.00
SRM215-S	1.00	0.05	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM216	1.00	0.04	0.00	0.00	0.94	0.00	0.00	0.01	0.38	0.00
SRM216-S	1.00	0.63	0.19	0.00	0.18	0.00	0.01	0.00	0.02	0.00
SRM218	1.00	0.04	0.00	0.00	0.41	0.00	0.00	0.55	0.14	0.00
SRM218-S	1.00	0.87	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM219	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.02	0.00
SRM219-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM22	1.00	0.04	0.00	0.00	0.09	0.00	0.00	0.87	0.00	0.00
SRM220	1.00	0.04	0.00	0.00	0.94	0.00	0.00	0.02	0.66	0.00
SRM220-S	1.00	0.84	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM221	1.00	0.04	0.00	0.00	0.91	0.00	0.00	0.05	0.00	0.00
SRM221-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM222	1.00	0.04	0.00	0.00	0.63	0.00	0.00	0.32	0.14	0.00
SRM222-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM223	1.00	0.04	0.00	0.00	0.78	0.00	0.00	0.17	0.17	0.00
SRM223-S	1.00	0.95	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM224	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.01	0.19	0.00
SRM224-S	1.00	0.84	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM225	1.00	0.04	0.00	0.00	0.24	0.00	0.00	0.71	0.00	0.00
SRM225-S	1.00	0.84	0.02	0.00	0.13	0.00	0.00	0.00	0.83	0.00
SRM227	1.00	0.04	0.00	0.00	0.30	0.00	0.00	0.66	0.04	0.00
SRM227-S	1.00	0.78	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM228	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.29	0.00
SRM228-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM229	1.00	0.05	0.00	0.00	0.91	0.00	0.00	0.04	0.07	0.00
SRM229-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM23	1.00	0.04	0.00	0.00	0.02	0.05	0.00	0.88	0.02	0.00
SRM230	1.00	0.04	0.00	0.00	0.94	0.00	0.00	0.02	0.00	0.00
SRM230-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM231	1.00	0.04	0.00	0.00	0.93	0.00	0.00	0.02	0.00	0.00
SRM231-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM232	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.01	0.00
SRM232-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM233	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.14	0.00
SRM233-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM238	1.00	0.04	0.00	0.00	0.32	0.00	0.00	0.63	0.03	0.00
SRM238-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM239	1.00	0.04	0.00	0.00	0.90	0.00	0.00	0.05	0.02	0.00
SRM239-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM24	1.00	0.00	0.04	0.00	0.93	0.03	0.00	0.00	0.81	0.00
SRM240	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.01	0.11	0.00
SRM240-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM242	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.01	0.07	0.00
SRM242-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM243	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.01	0.07	0.00
SRM243-S	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM244	1.00	0.04	0.00	0.00	0.90	0.05	0.00	0.00	0.83	0.00
SRM244-S	1.00	0.91	0.07	0.00	0.01	0.01	0.00	0.00	0.84	0.00
SRM245	1.00	0.04	0.00	0.00	0.13	0.83	0.00	0.00	0.41	0.00
SRM245-S	1.00	0.91	0.00	0.00	0.01	0.05	0.00	0.02	0.07	0.00
SRM246	1.00	0.04	0.00	0.00	0.17	0.79	0.00	0.00	0.62	0.00
SRM246-S	1.00	0.87	0.11	0.00	0.02	0.00	0.00	0.00	0.82	0.00
SRM247	1.00	0.04	0.00	0.00	0.23	0.73	0.00	0.00	0.65	0.00
SRM247-S	1.00	0.87	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SRM248	1.00	0.04	0.00	0.00	0.27	0.69	0.00	0.00	0.07	0.00
SRM248-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM249	1.00	0.04	0.00	0.00	0.29	0.67	0.00	0.00	0.59	0.00
SRM249-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM25	1.00	0.01	0.00	0.00	0.48	0.00	0.00	0.52	0.00	0.00
SRM250	1.00	0.04	0.00	0.00	0.20	0.00	0.00	0.76	0.00	0.00
SRM250-S	1.00	0.88	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM251	1.00	0.86	0.10	0.00	0.02	0.00	0.00	0.02	0.81	0.00
SRM251-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM252	1.00	0.04	0.00	0.00	0.07	0.00	0.00	0.89	0.05	0.00
SRM253	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM253-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM254	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM254-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM255	1.00	0.05	0.00	0.00	0.00	0.03	0.00	0.93	0.03	0.00
SRM255-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM256	1.00	0.04	0.00	0.00	0.04	0.01	0.00	0.90	0.06	0.00
SRM256-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM257	1.00	0.04	0.00	0.00	0.09	0.00	0.00	0.87	0.00	0.00
SRM257-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM258	1.00	0.04	0.00	0.00	0.09	0.00	0.00	0.87	0.00	0.00
SRM258-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM259	1.00	0.04	0.00	0.00	0.09	0.00	0.00	0.87	0.00	0.00
SRM259-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM26	1.00	0.68	0.24	0.00	0.01	0.05	0.00	0.01	0.80	0.00
SRM261	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.03	0.00
SRM261-S	1.00	0.91	0.07	0.00	0.02	0.00	0.00	0.00	0.83	0.00
SRM262	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.71	0.00
SRM262-S	1.00	0.86	0.05	0.00	0.09	0.00	0.00	0.00	0.83	0.00
SRM263	1.00	0.05	0.14	0.00	0.81	0.00	0.00	0.00	0.50	0.00
SRM263-S	1.00	0.97	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM264	1.00	0.04	0.00	0.00	0.21	0.00	0.00	0.74	0.01	0.00
SRM264-S	1.00	0.88	0.10	0.00	0.02	0.00	0.00	0.00	0.83	0.00
SRM266	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.66	0.00
SRM266-S	1.00	0.98	0.01	0.00	0.01	0.00	0.00	0.00	0.81	0.00
SRM267	1.00	0.04	0.00	0.00	0.12	0.00	0.00	0.83	0.01	0.00
SRM267-S	1.00	0.93	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00
SRM268	1.00	0.04	0.00	0.00	0.45	0.00	0.00	0.51	0.26	0.00
SRM268-S	1.00	0.96	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
SRM269	1.00	0.04	0.00	0.00	0.94	0.02	0.00	0.00	0.61	0.00
SRM269-S	1.00	0.74	0.20	0.00	0.06	0.00	0.00	0.00	0.84	0.00
SRM27	1.00	0.04	0.00	0.00	0.80	0.00	0.00	0.15	0.00	0.00
SRM270	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.52	0.00
SRM270-S	1.00	0.74	0.08	0.00	0.08	0.00	0.10	0.00	0.01	0.00
SRM272	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.49	0.00
SRM272-S	1.00	0.96	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM273	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.62	0.00
SRM274	1.00	0.04	0.00	0.00	0.33	0.00	0.00	0.63	0.01	0.00
SRM274-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM275	1.00	0.04	0.00	0.00	0.34	0.00	0.00	0.62	0.01	0.00
SRM275-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM276	1.00	0.04	0.00	0.00	0.35	0.00	0.00	0.60	0.02	0.00
SRM276-S	1.00	0.76	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00
SRM277	1.00	0.04	0.00	0.00	0.34	0.00	0.00	0.62	0.01	0.00
SRM277-S	1.00	0.76	0.23	0.00	0.01	0.00	0.00	0.00	0.83	0.00
SRM28	1.00	0.05	0.00	0.00	0.83	0.09	0.00	0.03	0.00	0.00
SRM280	1.00	0.00	0.00	0.00	0.30	0.70	0.00	0.00	0.53	0.00
SRM280-S	1.00	0.82	0.00	0.00	0.12	0.01	0.00	0.05	0.12	0.00
SRM281	1.00	0.01	0.00	0.00	0.27	0.72	0.00	0.00	0.58	0.00
SRM281-S	1.00	0.91	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00
SRM283	1.00	0.01	0.00	0.00	0.27	0.72	0.00	0.00	0.52	0.00
SRM283-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM284	1.00	0.01	0.00	0.00	0.96	0.02	0.00	0.00	0.51	0.00
SRM284-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM287	1.00	0.04	0.00	0.00	0.09	0.22	0.00	0.65	0.20	0.00
SRM287-S	1.00	0.94	0.00	0.00	0.00	0.04	0.00	0.02	0.04	0.00
SRM288	1.00	0.04	0.00	0.00	0.00	0.71	0.00	0.24	0.64	0.00
SRM289	1.00	0.04	0.00	0.00	0.05	0.01	0.00	0.90	0.02	0.00
SRM289-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM290	1.00	0.04	0.00	0.00	0.06	0.01	0.00	0.88	0.01	0.00
SRM290-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM291	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00
SRM291-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM292	1.00	0.04	0.00	0.00	0.14	0.01	0.00	0.81	0.07	0.00
SRM293	1.00	0.04	0.00	0.00	0.00	0.10	0.00	0.85	0.08	0.00

SRM293-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM298	1.00	0.04	0.00	0.00	0.10	0.01	0.00	0.85	0.04	0.00
SRM298-S	1.00	0.96	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM299	1.00	0.04	0.00	0.00	0.11	0.00	0.00	0.84	0.00	0.00
SRM299-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM2-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM3	1.00	0.05	0.00	0.00	0.05	0.01	0.00	0.89	0.00	0.00
SRM30	1.00	0.01	0.03	0.00	0.57	0.39	0.00	0.00	0.70	0.00
SRM300	1.00	0.04	0.00	0.00	0.81	0.00	0.00	0.15	0.59	0.00
SRM300-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM301	1.00	0.04	0.00	0.00	0.91	0.00	0.00	0.05	0.00	0.00
SRM301-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM303	1.00	0.04	0.00	0.00	0.91	0.01	0.00	0.04	0.85	0.00
SRM303-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM304	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.01	0.01	0.00
SRM304-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM307	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM307-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM308	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM308-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM31	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.07	0.00
SRM310	1.00	0.20	0.01	0.00	0.72	0.00	0.00	0.07	0.77	0.00
SRM310-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM312	1.00	0.04	0.00	0.00	0.92	0.01	0.00	0.03	0.87	0.00
SRM312-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM313	1.00	0.04	0.00	0.00	0.59	0.05	0.00	0.31	0.46	0.00
SRM313-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM314	1.00	0.04	0.00	0.00	0.74	0.00	0.00	0.22	0.68	0.00
SRM314-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM315	1.00	0.04	0.00	0.00	0.09	0.00	0.00	0.87	0.00	0.00
SRM315-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM316	1.00	0.04	0.00	0.00	0.04	0.00	0.00	0.92	0.00	0.00
SRM316-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM317	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM318	1.00	0.04	0.00	0.00	0.04	0.00	0.00	0.92	0.00	0.00
SRM318-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM319	1.00	0.04	0.00	0.00	0.09	0.01	0.00	0.86	0.05	0.00
SRM32	1.00	0.04	0.00	0.00	0.00	0.95	0.00	0.00	0.83	0.00
SRM320	1.00	0.04	0.00	0.00	0.03	0.01	0.00	0.92	0.04	0.00
SRM321	1.00	0.04	0.00	0.00	0.09	0.01	0.00	0.86	0.01	0.00
SRM321-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM322	1.00	0.04	0.00	0.00	0.08	0.00	0.00	0.88	0.00	0.00
SRM322-S	1.00	0.97	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
SRM323	1.00	0.04	0.00	0.00	0.08	0.00	0.00	0.87	0.00	0.00
SRM323-S	1.00	0.97	0.02	0.00	0.00	0.00	0.00	0.00	0.83	0.00
SRM325	1.00	0.04	0.00	0.00	0.04	0.04	0.00	0.88	0.05	0.00
SRM325-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM326	1.00	0.04	0.00	0.00	0.05	0.05	0.00	0.86	0.06	0.00
SRM326-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM327	1.00	0.04	0.00	0.00	0.03	0.00	0.00	0.93	0.03	0.00
SRM327-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM328	1.00	0.04	0.00	0.00	0.06	0.00	0.00	0.90	0.01	0.00
SRM328-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM329	1.00	0.04	0.00	0.00	0.09	0.12	0.00	0.75	0.13	0.00
SRM329-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM33	1.00	0.04	0.00	0.00	0.22	0.08	0.00	0.66	0.29	0.00
SRM332	1.00	0.04	0.00	0.00	0.10	0.00	0.00	0.85	0.01	0.00
SRM332-S	1.00	0.97	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
SRM334	1.00	0.08	0.02	0.00	0.12	0.00	0.00	0.77	0.03	0.00
SRM335	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM335-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM336	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM336-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM337	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM337-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM338	1.00	0.04	0.00	0.00	0.06	0.00	0.00	0.90	0.01	0.00
SRM338-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM339	1.00	0.04	0.00	0.00	0.10	0.00	0.00	0.86	0.02	0.00
SRM339-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM341	1.00	0.04	0.00	0.00	0.04	0.00	0.00	0.91	0.03	0.00
SRM341-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM342	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.03	0.00
SRM342-S	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM343	1.00	0.04	0.00	0.00	0.86	0.06	0.00	0.04	0.84	0.00
SRM343-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SRM345	1.00	0.04	0.00	0.00	0.03	0.00	0.00	0.92	0.00	0.00
SRM345-S	1.00	0.98	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
SRM346	1.00	0.04	0.00	0.00	0.06	0.89	0.00	0.01	0.83	0.00
SRM346-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM347	1.00	0.05	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00
SRM347-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM349	1.00	0.04	0.00	0.00	0.04	0.06	0.00	0.86	0.03	0.00
SRM350	1.00	0.08	0.00	0.00	0.04	0.00	0.00	0.88	0.00	0.00
SRM351	1.00	0.06	0.00	0.00	0.00	0.00	0.00	0.94	0.00	0.00
SRM351-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM352	1.00	0.06	0.00	0.00	0.00	0.08	0.00	0.86	0.03	0.00
SRM352-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM353	1.00	0.04	0.00	0.00	0.05	0.06	0.00	0.84	0.05	0.00
SRM353-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM354	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM354-S	1.00	0.99	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
SRM355	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM355-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM356	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM356-S	1.00	0.73	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00
SRM363	1.00	0.04	0.00	0.00	0.05	0.04	0.00	0.86	0.06	0.00
SRM363-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM364	1.00	0.04	0.00	0.00	0.02	0.00	0.00	0.93	0.01	0.00
SRM364-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM366	1.00	0.04	0.00	0.00	0.15	0.81	0.00	0.00	0.02	0.00
SRM366-S	1.00	0.93	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00
SRM368	1.00	0.04	0.00	0.00	0.18	0.77	0.00	0.00	0.51	0.00
SRM368-S	1.00	0.97	0.00	0.00	0.00	0.01	0.00	0.01	0.79	0.00
SRM369	1.00	0.04	0.00	0.00	0.13	0.82	0.00	0.00	0.04	0.00
SRM369-S	1.00	0.91	0.06	0.00	0.01	0.02	0.00	0.00	0.81	0.00
SRM371	1.00	0.04	0.00	0.00	0.28	0.67	0.00	0.00	0.01	0.00
SRM371-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM372	1.00	0.04	0.00	0.00	0.28	0.68	0.00	0.00	0.56	0.00
SRM372-S	1.00	0.81	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM374	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.04	0.00
SRM374-S	1.00	0.66	0.20	0.00	0.11	0.01	0.00	0.02	0.83	0.00
SRM376	1.00	0.04	0.00	0.00	0.08	0.87	0.00	0.00	0.06	0.00
SRM376-S	1.00	0.97	0.00	0.00	0.00	0.00	0.00	0.03	0.81	0.00
SRM377	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.42	0.00
SRM377-S	1.00	0.54	0.27	0.00	0.19	0.01	0.00	0.00	0.84	0.00
SRM378	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.72	0.00
SRM378-S	1.00	0.80	0.10	0.00	0.05	0.04	0.00	0.00	0.84	0.00
SRM379	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.02	0.00
SRM379-S	1.00	0.90	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
SRM381	1.00	0.04	0.00	0.00	0.94	0.02	0.00	0.00	0.75	0.00
SRM381-S	1.00	0.90	0.10	0.00	0.00	0.00	0.00	0.00	0.83	0.00
SRM382	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.62	0.00
SRM382-S	1.00	0.86	0.00	0.00	0.10	0.00	0.00	0.04	0.09	0.00
SRM383	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.67	0.00
SRM383-S	1.00	0.79	0.19	0.00	0.02	0.00	0.00	0.00	0.83	0.00
SRM387	1.00	0.04	0.00	0.00	0.92	0.03	0.00	0.00	0.47	0.00
SRM387-S	1.00	0.72	0.00	0.00	0.09	0.00	0.00	0.19	0.09	0.00
SRM388	1.00	0.04	0.01	0.00	0.94	0.01	0.00	0.00	0.43	0.00
SRM388-S	1.00	0.59	0.05	0.00	0.24	0.00	0.12	0.00	0.02	0.00
SRM390	1.00	0.04	0.01	0.00	0.95	0.00	0.00	0.00	0.12	0.00
SRM390-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM391	1.00	0.05	0.00	0.00	0.94	0.00	0.00	0.00	0.14	0.00
SRM391-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM393	1.00	0.04	0.00	0.00	0.50	0.45	0.00	0.00	0.01	0.00
SRM393-S	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
SRM394	1.00	0.04	0.00	0.00	0.85	0.11	0.00	0.00	0.39	0.00
SRM394-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM395	1.00	0.04	0.00	0.00	0.76	0.20	0.00	0.00	0.05	0.00
SRM395-S	1.00	0.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM396	1.00	0.04	0.00	0.00	0.75	0.20	0.00	0.00	0.04	0.00
SRM396-S	1.00	0.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM3-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM4	1.00	0.05	0.00	0.00	0.04	0.00	0.00	0.91	0.00	0.00
SRM400	1.00	0.04	0.00	0.00	0.94	0.01	0.00	0.00	0.07	0.00
SRM400-S	1.00	0.54	0.25	0.00	0.02	0.00	0.19	0.00	0.00	0.00
SRM402	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.27	0.00
SRM403	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.10	0.00
SRM405	1.00	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.27	0.00
SRM406	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
SRM408	1.00	0.07	0.00	0.00	0.93	0.00	0.00	0.00	0.00	0.00

SRM410	1.00	0.04	0.05	0.00	0.91	0.00	0.00	0.00	0.00	0.00
SRM411	1.00	0.04	0.00	0.00	0.62	0.33	0.00	0.00	0.00	0.00
SRM411-S	1.00	0.90	0.01	0.00	0.00	0.00	0.08	0.00	0.00	0.00
SRM414	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.25	0.00
SRM415	1.00	0.04	0.03	0.00	0.93	0.00	0.00	0.00	0.07	0.00
SRM420	1.00	0.04	0.00	0.00	0.68	0.00	0.00	0.28	0.00	0.00
SRM420-S	1.00	0.33	0.18	0.00	0.00	0.00	0.50	0.00	0.00	0.00
SRM422	1.00	0.04	0.00	0.00	0.00	0.96	0.00	0.00	0.00	0.00
SRM422-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM424	1.00	0.05	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00
SRM426	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM426-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM427	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM427-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM428	1.00	0.04	0.00	0.00	0.04	0.00	0.00	0.92	0.00	0.00
SRM428-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM429	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM429-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM430	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM430-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM431	1.00	0.04	0.00	0.00	0.01	0.07	0.00	0.88	0.08	0.00
SRM431-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM432	1.00	0.04	0.00	0.00	0.05	0.00	0.00	0.91	0.02	0.00
SRM432-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM433	1.00	0.04	0.00	0.00	0.04	0.00	0.00	0.92	0.00	0.00
SRM433-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM434	1.00	0.04	0.00	0.00	0.00	0.03	0.00	0.93	0.03	0.00
SRM434-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM435	1.00	0.04	0.00	0.00	0.00	0.14	0.00	0.82	0.14	0.00
SRM435-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM436	1.00	0.06	0.00	0.00	0.00	0.00	0.00	0.94	0.00	0.00
SRM437	1.00	0.06	0.01	0.00	0.06	0.05	0.00	0.82	0.12	0.00
SRM438	1.00	0.04	0.00	0.00	0.00	0.08	0.00	0.88	0.07	0.00
SRM438-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM439	1.00	0.04	0.00	0.00	0.00	0.02	0.00	0.94	0.00	0.00
SRM439-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM440	1.00	0.04	0.00	0.00	0.15	0.00	0.00	0.81	0.00	0.00
SRM440-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM441	1.00	0.04	0.00	0.00	0.01	0.04	0.00	0.90	0.05	0.00
SRM441-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM442	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM442-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM445	1.00	0.04	0.00	0.00	0.04	0.00	0.00	0.92	0.02	0.00
SRM445-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM448	1.00	0.04	0.00	0.00	0.08	0.55	0.00	0.33	0.51	0.00
SRM448-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM449	1.00	0.04	0.00	0.00	0.05	0.00	0.00	0.91	0.00	0.00
SRM449-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM450	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.83	0.00
SRM450-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM451	1.00	0.04	0.00	0.00	0.20	0.76	0.00	0.00	0.26	0.00
SRM451-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM452	1.00	0.04	0.00	0.00	0.30	0.00	0.00	0.65	0.23	0.00
SRM452-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM453	1.00	0.04	0.00	0.00	0.07	0.00	0.00	0.89	0.00	0.00
SRM453-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM454	1.00	0.04	0.00	0.00	0.29	0.00	0.00	0.66	0.00	0.00
SRM454-S	1.00	0.81	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00
SRM455	1.00	0.04	0.00	0.00	0.06	0.00	0.00	0.90	0.00	0.00
SRM455-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM456	1.00	0.05	0.00	0.00	0.07	0.00	0.00	0.88	0.01	0.00
SRM456-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM457	1.00	0.07	0.00	0.00	0.07	0.00	0.00	0.86	0.02	0.00
SRM458	1.00	0.05	0.04	0.00	0.17	0.00	0.00	0.73	0.05	0.00
SRM459	1.00	0.04	0.00	0.00	0.87	0.04	0.00	0.04	0.74	0.00
SRM459-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM46	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.45	0.00
SRM460	1.00	0.04	0.00	0.00	0.06	0.13	0.00	0.77	0.12	0.00
SRM460-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM461	1.00	0.04	0.00	0.00	0.07	0.00	0.00	0.89	0.00	0.00
SRM461-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM462	1.00	0.04	0.00	0.00	0.46	0.00	0.00	0.49	0.24	0.00
SRM462-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM463	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM463-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SRM464	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.90	0.00
SRM464-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM465	1.00	0.04	0.00	0.00	0.31	0.05	0.00	0.59	0.21	0.00
SRM465-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM466	1.00	0.04	0.00	0.00	0.03	0.00	0.00	0.92	0.02	0.00
SRM466-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM467	1.00	0.04	0.00	0.00	0.10	0.00	0.00	0.86	0.01	0.00
SRM467-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM468	1.00	0.12	0.00	0.00	0.10	0.00	0.00	0.78	0.00	0.00
SRM469	1.00	0.04	0.00	0.00	0.33	0.63	0.00	0.00	0.76	0.00
SRM469-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM47	1.00	0.04	0.00	0.00	0.53	0.00	0.00	0.43	0.05	0.00
SRM470	1.00	0.04	0.00	0.00	0.11	0.00	0.00	0.84	0.00	0.00
SRM470-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM471	1.00	0.04	0.00	0.00	0.07	0.00	0.00	0.89	0.00	0.00
SRM471-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM472	1.00	0.04	0.00	0.00	0.11	0.00	0.00	0.85	0.03	0.00
SRM473	1.00	0.04	0.00	0.00	0.71	0.00	0.00	0.25	0.38	0.00
SRM473-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM474	1.00	0.04	0.00	0.00	0.12	0.00	0.00	0.83	0.06	0.00
SRM474-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM475	1.00	0.04	0.00	0.00	0.20	0.00	0.00	0.75	0.03	0.00
SRM475-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM476	1.00	0.04	0.00	0.00	0.19	0.00	0.00	0.77	0.03	0.00
SRM476-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM477	1.00	0.04	0.00	0.00	0.21	0.00	0.00	0.74	0.03	0.00
SRM477-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM478	1.00	0.04	0.00	0.00	0.90	0.00	0.00	0.05	0.10	0.00
SRM478-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM479	1.00	0.05	0.01	0.00	0.94	0.00	0.00	0.00	0.00	0.00
SRM479-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM48	1.00	0.04	0.00	0.00	0.94	0.02	0.00	0.00	0.49	0.00
SRM480	1.00	0.04	0.00	0.00	0.64	0.00	0.00	0.32	0.24	0.00
SRM480-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM481	1.00	0.04	0.00	0.00	0.91	0.00	0.00	0.05	0.00	0.00
SRM481-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM482	1.00	0.04	0.00	0.00	0.24	0.00	0.00	0.72	0.03	0.00
SRM482-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM483	1.00	0.05	0.00	0.00	0.59	0.00	0.00	0.36	0.11	0.00
SRM483-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM484	1.00	0.04	0.00	0.00	0.49	0.00	0.00	0.46	0.35	0.00
SRM484-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM485	1.00	0.04	0.00	0.00	0.14	0.00	0.00	0.82	0.03	0.00
SRM485-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM486	1.00	0.04	0.00	0.00	0.02	0.01	0.00	0.93	0.03	0.00
SRM486-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM487	1.00	0.04	0.00	0.00	0.11	0.00	0.00	0.85	0.02	0.00
SRM487-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM488	1.00	0.04	0.00	0.00	0.08	0.00	0.00	0.87	0.01	0.00
SRM488-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM489	1.00	0.04	0.00	0.00	0.11	0.00	0.00	0.85	0.02	0.00
SRM489-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM49	1.00	0.04	0.00	0.00	0.48	0.00	0.00	0.48	0.07	0.00
SRM490	1.00	0.04	0.00	0.00	0.13	0.00	0.00	0.83	0.04	0.00
SRM490-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM491	1.00	0.04	0.00	0.00	0.48	0.00	0.00	0.47	0.31	0.00
SRM491-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM492	1.00	0.04	0.00	0.00	0.53	0.00	0.00	0.43	0.02	0.00
SRM492-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM493	1.00	0.04	0.00	0.00	0.62	0.00	0.00	0.34	0.07	0.00
SRM493-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM494	1.00	0.04	0.00	0.00	0.71	0.00	0.00	0.25	0.07	0.00
SRM494-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM495	1.00	0.04	0.00	0.00	0.10	0.00	0.00	0.86	0.00	0.00
SRM495-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM496	1.00	0.04	0.00	0.00	0.10	0.01	0.00	0.85	0.00	0.00
SRM496-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM497	1.00	0.04	0.00	0.00	0.10	0.00	0.00	0.86	0.00	0.00
SRM497-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM498	1.00	0.04	0.00	0.00	0.59	0.00	0.00	0.36	0.06	0.00
SRM498-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM499	1.00	0.04	0.00	0.00	0.50	0.00	0.00	0.46	0.28	0.00
SRM499-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM4-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM5	1.00	0.04	0.00	0.00	0.07	0.00	0.00	0.88	0.01	0.00

SRM50	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.80	0.00
SRM500	1.00	0.04	0.00	0.00	0.08	0.00	0.00	0.88	0.02	0.00
SRM500-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM501	1.00	0.04	0.00	0.00	0.09	0.00	0.00	0.86	0.00	0.00
SRM501-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM502	1.00	0.04	0.00	0.00	0.03	0.00	0.00	0.93	0.00	0.00
SRM502-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM503	1.00	0.04	0.00	0.00	0.02	0.00	0.00	0.94	0.00	0.00
SRM503-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM504	1.00	0.04	0.00	0.00	0.03	0.04	0.00	0.88	0.02	0.00
SRM504-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM505	1.00	0.04	0.02	0.00	0.00	0.00	0.94	0.00	0.00	0.00
SRM505-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM506	1.00	0.05	0.86	0.00	0.08	0.00	0.00	0.00	0.79	0.00
SRM506-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM507	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM507-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM509	1.00	0.04	0.00	0.00	0.47	0.00	0.00	0.48	0.06	0.00
SRM509-S	1.00	0.97	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
SRM51	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.71	0.00
SRM510	1.00	0.04	0.00	0.00	0.04	0.01	0.00	0.91	0.01	0.00
SRM510-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM511	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM511-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM512	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM512-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM513	1.00	0.04	0.00	0.00	0.00	0.04	0.00	0.92	0.02	0.00
SRM513-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM514	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM514-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM515	1.00	0.04	0.00	0.00	0.09	0.12	0.00	0.74	0.22	0.00
SRM515-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM516	1.00	0.04	0.00	0.00	0.14	0.00	0.00	0.82	0.00	0.00
SRM516-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM517	1.00	0.04	0.00	0.00	0.08	0.12	0.00	0.76	0.15	0.00
SRM517-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM518	1.00	0.04	0.00	0.00	0.08	0.11	0.00	0.77	0.01	0.00
SRM518-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM519	1.00	0.04	0.00	0.00	0.10	0.00	0.00	0.86	0.01	0.00
SRM519-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM51-S	1.00	0.88	0.07	0.00	0.05	0.00	0.00	0.00	0.83	0.00
SRM52	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.45	0.00
SRM520	1.00	0.04	0.00	0.00	0.07	0.00	0.00	0.89	0.00	0.00
SRM520-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM521	1.00	0.04	0.00	0.00	0.19	0.05	0.00	0.72	0.19	0.00
SRM522	1.00	0.04	0.00	0.00	0.03	0.00	0.00	0.93	0.00	0.00
SRM523	1.00	0.04	0.00	0.00	0.08	0.01	0.00	0.86	0.02	0.00
SRM523-S	1.00	0.96	0.01	0.00	0.01	0.00	0.00	0.01	0.82	0.00
SRM524	1.00	0.04	0.00	0.00	0.94	0.00	0.00	0.02	0.00	0.00
SRM524-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM525_2	1.00	0.04	0.00	0.00	0.93	0.03	0.00	0.00	0.00	0.00
SRM526	1.00	0.05	0.00	0.00	0.88	0.00	0.00	0.07	0.00	0.00
SRM527	1.00	0.05	0.00	0.00	0.94	0.00	0.00	0.01	0.04	0.00
SRM527-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM528	1.00	0.04	0.00	0.00	0.69	0.00	0.00	0.26	0.01	0.00
SRM528-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM529	1.00	0.04	0.00	0.00	0.40	0.00	0.00	0.55	0.00	0.00
SRM529-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM53	1.00	0.04	0.00	0.00	0.43	0.00	0.00	0.52	0.00	0.00
SRM530	1.00	0.02	0.00	0.00	0.28	0.70	0.00	0.00	0.12	0.00
SRM530-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM532	1.00	0.04	0.00	0.00	0.11	0.00	0.00	0.85	0.04	0.00
SRM533	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
SRM535	1.00	0.04	0.00	0.00	0.01	0.00	0.00	0.94	0.00	0.00
SRM535-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM536	1.00	0.04	0.00	0.00	0.05	0.01	0.00	0.90	0.00	0.00
SRM537	1.00	0.04	0.00	0.00	0.01	0.00	0.00	0.94	0.00	0.00
SRM538	1.00	0.04	0.00	0.00	0.28	0.67	0.00	0.00	0.02	0.00
SRM54	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.68	0.00
SRM540	1.00	0.04	0.00	0.00	0.32	0.00	0.00	0.64	0.08	0.00
SRM541	1.00	0.04	0.00	0.00	0.24	0.00	0.00	0.72	0.03	0.00
SRM542	1.00	0.04	0.00	0.00	0.48	0.00	0.00	0.47	0.17	0.00
SRM542-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM544	1.00	0.04	0.00	0.00	0.23	0.00	0.00	0.73	0.05	0.00
SRM548	1.00	0.04	0.00	0.00	0.04	0.00	0.00	0.92	0.00	0.00

SRM548-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM549	1.00	0.04	0.00	0.00	0.11	0.00	0.00	0.85	0.02	0.00
SRM549-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM54-S	1.00	0.97	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM55	1.00	0.00	0.00	0.00	0.30	0.70	0.00	0.00	0.52	0.00
SRM550	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM551	1.00	0.04	0.00	0.00	0.01	0.04	0.00	0.91	0.04	0.00
SRM552	1.00	0.04	0.00	0.00	0.02	0.00	0.00	0.94	0.00	0.00
SRM553	1.00	0.04	0.00	0.00	0.07	0.00	0.00	0.89	0.07	0.00
SRM555	1.00	0.04	0.00	0.00	0.06	0.00	0.00	0.89	0.02	0.00
SRM556	1.00	0.04	0.00	0.00	0.16	0.00	0.00	0.80	0.01	0.00
SRM556-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM557	1.00	0.04	0.00	0.00	0.11	0.00	0.00	0.84	0.00	0.00
SRM557-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM55-S	1.00	0.86	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00
SRM561	1.00	0.09	0.00	0.00	0.48	0.00	0.00	0.43	0.00	0.00
SRM562	1.00	0.04	0.00	0.00	0.62	0.00	0.00	0.33	0.01	0.00
SRM562-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM563	1.00	0.04	0.00	0.00	0.09	0.00	0.00	0.87	0.00	0.00
SRM563-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM565	1.00	0.04	0.00	0.00	0.09	0.01	0.00	0.86	0.01	0.00
SRM565-S	1.00	0.97	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM566	1.00	0.10	0.00	0.00	0.02	0.00	0.00	0.88	0.02	0.00
SRM567	1.00	0.04	0.06	0.00	0.89	0.00	0.00	0.00	0.32	0.00
SRM567-S	1.00	0.79	0.01	0.00	0.20	0.00	0.00	0.00	0.58	0.00
SRM568	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.29	0.00
SRM568-S	1.00	0.79	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM569	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.06	0.00
SRM569-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM57	1.00	0.04	0.00	0.00	0.11	0.00	0.00	0.85	0.05	0.00
SRM573	1.00	0.04	0.01	0.00	0.95	0.00	0.00	0.00	0.27	0.00
SRM573-S	1.00	0.86	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM574	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.26	0.00
SRM574-S	1.00	0.86	0.10	0.00	0.02	0.00	0.02	0.00	0.02	0.00
SRM575	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.05	0.00
SRM575-S	1.00	0.97	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM578	1.00	0.04	0.00	0.00	0.92	0.03	0.00	0.00	0.23	0.00
SRM578-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM579	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.31	0.00
SRM579-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM57-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM58	1.00	0.04	0.00	0.00	0.06	0.00	0.00	0.90	0.01	0.00
SRM580	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.27	0.00
SRM580-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM581	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.20	0.00
SRM581-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM582	1.00	0.04	0.01	0.00	0.95	0.00	0.00	0.00	0.27	0.00
SRM582-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM584	1.00	0.04	0.00	0.00	0.63	0.00	0.00	0.32	0.00	0.00
SRM584-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM585	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.01	0.00
SRM585-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM586	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.13	0.00
SRM586-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM587	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.01	0.00
SRM587-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM588	1.00	0.05	0.00	0.00	0.81	0.14	0.00	0.00	0.32	0.00
SRM589	1.00	0.05	0.00	0.00	0.92	0.00	0.00	0.03	0.00	0.00
SRM589-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM58-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM59	1.00	0.04	0.00	0.00	0.01	0.00	0.00	0.94	0.01	0.00
SRM590	1.00	0.04	0.01	0.00	0.95	0.00	0.00	0.00	0.02	0.00
SRM590-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM591	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
SRM591-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM592	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.02	0.00
SRM592-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM593	1.00	0.04	0.00	0.00	0.88	0.08	0.00	0.00	0.25	0.00
SRM593-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM594	1.00	0.06	0.00	0.00	0.85	0.00	0.00	0.09	0.02	0.00
SRM595	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.21	0.00
SRM596	1.00	0.04	0.00	0.00	0.68	0.28	0.00	0.00	0.25	0.00
SRM596-S	1.00	0.74	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00
SRM597	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
SRM597-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SRM598	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
SRM598-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM599	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
SRM599-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM59-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM5-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM6	1.00	0.04	0.00	0.00	0.42	0.00	0.00	0.54	0.26	0.00
SRM60	1.00	0.04	0.00	0.00	0.31	0.65	0.00	0.00	0.79	0.00
SRM600	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.20	0.00
SRM602	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
SRM602-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM603	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
SRM603-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM604	1.00	0.06	0.00	0.00	0.77	0.00	0.00	0.17	0.00	0.00
SRM604-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM605	1.00	0.06	0.00	0.00	0.93	0.01	0.00	0.00	0.01	0.00
SRM605-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM606	1.00	0.07	0.00	0.00	0.89	0.04	0.00	0.00	0.00	0.00
SRM606-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM607	1.00	0.04	0.00	0.00	0.76	0.00	0.00	0.20	0.00	0.00
SRM60-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM61	1.00	0.04	0.00	0.00	0.04	0.00	0.00	0.92	0.00	0.00
SRM610	1.00	0.06	0.00	0.00	0.04	0.00	0.00	0.90	0.00	0.00
SRM610-S	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
SRM612	1.00	0.04	0.00	0.00	0.07	0.00	0.00	0.88	0.00	0.00
SRM612-S	1.00	0.95	0.00	0.00	0.00	0.03	0.00	0.02	0.03	0.00
SRM613	1.00	0.04	0.00	0.00	0.07	0.00	0.00	0.88	0.00	0.00
SRM613-S	1.00	0.95	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM614	1.00	0.04	0.00	0.00	0.07	0.00	0.00	0.88	0.02	0.00
SRM614-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM615	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.88	0.00
SRM615-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM616	1.00	0.04	0.00	0.00	0.05	0.00	0.00	0.90	0.03	0.00
SRM616-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM617	1.00	0.04	0.00	0.00	0.71	0.24	0.00	0.00	0.00	0.00
SRM617-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM618	1.00	0.04	0.90	0.00	0.05	0.00	0.00	0.00	0.85	0.00
SRM618-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM619	1.00	0.04	0.00	0.00	0.16	0.00	0.00	0.80	0.13	0.00
SRM61-S	1.00	0.98	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
SRM620	1.00	0.04	0.00	0.00	0.34	0.62	0.00	0.00	0.82	0.00
SRM620-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM621	1.00	0.04	0.00	0.00	0.04	0.14	0.00	0.77	0.11	0.00
SRM621-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM622	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM622-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM623	1.00	0.04	0.00	0.00	0.38	0.58	0.00	0.00	0.74	0.00
SRM623-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM624	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM624-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM625	1.00	0.04	0.00	0.00	0.17	0.03	0.00	0.75	0.20	0.00
SRM626	1.00	0.04	0.00	0.00	0.00	0.06	0.00	0.89	0.06	0.00
SRM626-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM627	1.00	0.04	0.00	0.00	0.00	0.05	0.00	0.91	0.04	0.00
SRM627-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM628	1.00	0.04	0.00	0.00	0.10	0.00	0.00	0.86	0.05	0.00
SRM628-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM629	1.00	0.04	0.00	0.00	0.38	0.04	0.00	0.54	0.29	0.00
SRM629-S	1.00	0.92	0.07	0.00	0.01	0.00	0.00	0.00	0.82	0.00
SRM63	1.00	0.04	0.00	0.00	0.06	0.00	0.00	0.89	0.00	0.00
SRM630	1.00	0.04	0.00	0.00	0.08	0.00	0.00	0.88	0.00	0.00
SRM630-S	1.00	0.92	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00
SRM631	1.00	0.06	0.00	0.00	0.11	0.00	0.00	0.84	0.00	0.00
SRM631-S	1.00	0.85	0.00	0.00	0.00	0.06	0.00	0.09	0.07	0.00
SRM632	1.00	0.04	0.00	0.00	0.06	0.00	0.00	0.90	0.00	0.00
SRM632-S	1.00	0.93	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00
SRM633	1.00	0.04	0.84	0.00	0.11	0.00	0.00	0.00	0.73	0.00
SRM633-S	1.00	0.92	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM634	1.00	0.09	0.50	0.00	0.00	0.41	0.00	0.00	0.47	0.00
SRM635	1.00	0.07	0.00	0.00	0.78	0.15	0.00	0.00	0.09	0.00
SRM63-S	1.00	0.97	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
SRM64	1.00	0.04	0.00	0.00	0.89	0.07	0.00	0.00	0.48	0.00
SRM640	1.00	0.04	0.03	0.00	0.44	0.49	0.00	0.00	0.42	0.00
SRM641	1.00	0.04	0.00	0.00	0.63	0.33	0.00	0.00	0.01	0.00
SRM641-S	1.00	0.74	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00

SRM642	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM643	1.00	0.04	0.00	0.00	0.07	0.07	0.00	0.82	0.14	0.00
SRM643-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM646	1.00	0.04	0.00	0.00	0.05	0.91	0.00	0.00	0.79	0.00
SRM646-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM64-S	1.00	0.04	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM65	1.00	0.04	0.00	0.00	0.60	0.36	0.00	0.00	0.50	0.00
SRM650	1.00	0.58	0.08	0.00	0.34	0.00	0.00	0.00	0.78	0.00
SRM655	1.00	0.04	0.00	0.00	0.19	0.06	0.00	0.70	0.18	0.00
SRM655-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM656	1.00	0.04	0.00	0.00	0.47	0.00	0.00	0.49	0.31	0.00
SRM656-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM658	1.00	0.04	0.00	0.00	0.04	0.00	0.00	0.92	0.00	0.00
SRM658-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM65-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM66	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM661	1.00	0.55	0.32	0.00	0.08	0.06	0.00	0.00	0.81	0.00
SRM661-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM662	1.00	0.04	0.00	0.00	0.64	0.32	0.00	0.00	0.05	0.00
SRM662-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM666	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.73	0.00
SRM666-S	1.00	0.93	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM668	1.00	0.04	0.00	0.00	0.65	0.31	0.00	0.00	0.32	0.00
SRM668-S	1.00	0.97	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM67	1.00	0.04	0.00	0.00	0.09	0.87	0.00	0.00	0.10	0.00
SRM68	1.00	0.09	0.01	0.00	0.90	0.00	0.00	0.00	0.00	0.00
SRM680	1.00	0.00	0.00	0.00	0.59	0.41	0.00	0.00	0.89	0.00
SRM680-S	1.00	0.05	0.34	0.00	0.00	0.00	0.61	0.00	0.00	0.00
SRM681	1.00	0.00	0.00	0.00	0.14	0.86	0.00	0.00	0.78	0.00
SRM681-S	1.00	0.05	0.25	0.00	0.69	0.00	0.00	0.00	0.88	0.00
SRM682	1.00	0.00	0.00	0.00	0.05	0.95	0.00	0.00	0.31	0.00
SRM682-S	1.00	0.31	0.27	0.00	0.17	0.26	0.00	0.00	0.84	0.00
SRM683	1.00	0.00	0.00	0.00	0.04	0.96	0.00	0.00	0.87	0.00
SRM683-S	1.00	0.38	0.00	0.00	0.00	0.00	0.00	0.62	0.00	0.00
SRM684	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
SRM684-S	1.00	0.00	0.00	0.00	0.00	0.06	0.00	0.94	0.05	0.00
SRM685	1.00	0.00	0.00	0.00	0.05	0.95	0.00	0.00	0.91	0.00
SRM687	1.00	0.00	0.00	0.00	0.04	0.96	0.00	0.00	0.05	0.00
SRM688	1.00	0.00	0.01	0.00	0.04	0.95	0.00	0.00	0.52	0.00
SRM689	1.00	0.00	0.00	0.00	0.29	0.71	0.00	0.00	0.15	0.00
SRM689-S	1.00	0.82	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM69	1.00	0.05	0.04	0.00	0.91	0.00	0.00	0.00	0.45	0.00
SRM691	1.00	0.04	0.00	0.00	0.02	0.93	0.00	0.00	0.86	0.00
SRM691-S	1.00	0.99	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
SRM693	1.00	0.04	0.00	0.00	0.02	0.94	0.00	0.00	0.00	0.00
SRM694	1.00	0.04	0.00	0.00	0.02	0.94	0.00	0.00	0.89	0.00
SRM696	1.00	0.04	0.86	0.00	0.09	0.00	0.00	0.00	0.75	0.00
SRM696-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM698	1.00	0.04	0.00	0.00	0.00	0.96	0.00	0.00	0.90	0.00
SRM699	1.00	0.04	0.00	0.00	0.00	0.96	0.00	0.00	0.00	0.00
SRM7	1.00	0.04	0.00	0.00	0.05	0.00	0.00	0.91	0.00	0.00
SRM70	1.00	0.44	0.42	0.00	0.12	0.00	0.00	0.01	0.84	0.00
SRM700	1.00	0.04	0.00	0.00	0.05	0.91	0.00	0.00	0.82	0.00
SRM700-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM701	1.00	0.04	0.00	0.00	0.06	0.90	0.00	0.00	0.82	0.00
SRM701-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM702	1.00	0.04	0.00	0.00	0.94	0.01	0.00	0.00	0.92	0.00
SRM703	1.00	0.04	0.00	0.00	0.92	0.03	0.00	0.00	0.79	0.00
SRM703-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM71	1.00	0.04	0.55	0.00	0.40	0.00	0.00	0.00	0.75	0.00
SRM71-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM723	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.45	0.00
SRM723-S	1.00	0.51	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM724	1.00	0.00	0.04	0.00	0.65	0.31	0.00	0.00	0.63	0.00
SRM724-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM725	1.00	0.04	0.00	0.00	0.94	0.02	0.00	0.00	0.45	0.00
SRM725-S	1.00	0.04	0.83	0.00	0.13	0.00	0.00	0.00	0.85	0.00
SRM726	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.11	0.00
SRM726-S	1.00	0.73	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00
SRM727	1.00	0.04	0.27	0.00	0.68	0.00	0.00	0.00	0.53	0.00
SRM728	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
SRM728-S	1.00	0.70	0.01	0.00	0.23	0.00	0.05	0.00	0.01	0.00
SRM73	1.00	0.06	0.00	0.00	0.85	0.09	0.00	0.00	0.00	0.00
SRM730	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.84	0.00
SRM730-S	1.00	0.70	0.26	0.00	0.04	0.00	0.00	0.00	0.85	0.00

SRM731	1.00	0.00	0.00	0.00	0.85	0.00	0.00	0.14	0.08	0.00
SRM733	1.00	0.01	0.00	0.00	0.09	0.00	0.00	0.91	0.02	0.00
SRM733-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM735	1.00	0.04	0.00	0.00	0.08	0.01	0.00	0.87	0.01	0.00
SRM735-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM736	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM736-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM738	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM739	1.00	0.04	0.00	0.00	0.00	0.05	0.00	0.90	0.05	0.00
SRM739-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM740	1.00	0.04	0.00	0.00	0.00	0.03	0.00	0.93	0.03	0.00
SRM740-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM741	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM742	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM743	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM743-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM744	1.00	0.04	0.00	0.00	0.04	0.00	0.00	0.91	0.05	0.00
SRM744-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM745	1.00	0.04	0.00	0.00	0.07	0.00	0.00	0.89	0.02	0.00
SRM745-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM746	1.00	0.04	0.00	0.00	0.05	0.00	0.00	0.91	0.00	0.00
SRM747	1.00	0.10	0.03	0.00	0.13	0.00	0.00	0.74	0.06	0.00
SRM747-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM748	1.00	0.04	0.00	0.00	0.16	0.00	0.00	0.80	0.01	0.00
SRM748-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM749	1.00	0.04	0.07	0.00	0.09	0.00	0.80	0.00	0.00	0.00
SRM749-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM75	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
SRM750	1.00	0.04	0.00	0.00	0.16	0.01	0.00	0.79	0.01	0.00
SRM750-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM751	1.00	0.04	0.00	0.00	0.50	0.45	0.00	0.00	0.71	0.00
SRM751-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM752	1.00	0.04	0.00	0.00	0.17	0.00	0.00	0.79	0.00	0.00
SRM752-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM753	1.00	0.04	0.00	0.00	0.16	0.00	0.00	0.79	0.00	0.00
SRM753-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM754	1.00	0.04	0.00	0.00	0.17	0.00	0.00	0.79	0.00	0.00
SRM754-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM755	1.00	0.10	0.01	0.00	0.15	0.00	0.00	0.74	0.01	0.00
SRM756	1.00	0.04	0.00	0.00	0.02	0.01	0.00	0.93	0.03	0.00
SRM756-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM757	1.00	0.04	0.00	0.00	0.05	0.02	0.00	0.89	0.04	0.00
SRM757-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM758	1.00	0.04	0.00	0.00	0.06	0.00	0.00	0.90	0.01	0.00
SRM758-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM759	1.00	0.04	0.00	0.00	0.09	0.00	0.00	0.87	0.00	0.00
SRM76	1.00	0.04	0.00	0.00	0.75	0.21	0.00	0.00	0.87	0.00
SRM760	1.00	0.10	0.03	0.00	0.07	0.00	0.00	0.79	0.06	0.00
SRM760-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM761	1.00	0.05	0.00	0.00	0.15	0.08	0.00	0.73	0.11	0.00
SRM761-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM762	1.00	0.05	0.00	0.00	0.09	0.00	0.00	0.86	0.01	0.00
SRM763	1.00	0.04	0.00	0.00	0.88	0.08	0.00	0.00	0.83	0.00
SRM763-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM764	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM764-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM765	1.00	0.04	0.00	0.00	0.00	0.03	0.00	0.93	0.03	0.00
SRM765-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM769	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
SRM769-S	1.00	0.62	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM77	1.00	0.04	0.00	0.00	0.05	0.00	0.00	0.91	0.00	0.00
SRM770	1.00	0.04	0.00	0.00	0.34	0.62	0.00	0.00	0.62	0.00
SRM770-S	1.00	0.68	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM772	1.00	0.04	0.00	0.00	0.19	0.00	0.00	0.76	0.01	0.00
SRM772-S	1.00	0.92	0.06	0.00	0.01	0.00	0.00	0.01	0.83	0.00
SRM773	1.00	0.04	0.00	0.00	0.63	0.23	0.00	0.10	0.15	0.00
SRM774	1.00	0.04	0.00	0.00	0.05	0.03	0.00	0.87	0.05	0.00
SRM774-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM775	1.00	0.04	0.00	0.00	0.10	0.00	0.00	0.86	0.00	0.00
SRM775-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM776	1.00	0.04	0.00	0.00	0.09	0.01	0.00	0.86	0.00	0.00
SRM78	1.00	0.04	0.00	0.00	0.16	0.02	0.00	0.78	0.10	0.00
SRM79	1.00	0.04	0.00	0.00	0.06	0.00	0.00	0.90	0.00	0.00
SRM798	1.00	0.04	0.00	0.00	0.77	0.00	0.00	0.19	0.29	0.00
SRM798-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SRM7-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM8	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.51	0.00
SRM80	1.00	0.04	0.00	0.00	0.04	0.00	0.00	0.92	0.00	0.00
SRM800	1.00	0.05	0.05	0.00	0.41	0.00	0.00	0.48	0.22	0.00
SRM800-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM801	1.00	0.04	0.00	0.00	0.56	0.00	0.00	0.40	0.04	0.00
SRM801-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM802	1.00	0.04	0.00	0.00	0.40	0.00	0.00	0.56	0.01	0.00
SRM802-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM803	1.00	0.05	0.00	0.00	0.49	0.00	0.00	0.46	0.26	0.00
SRM803-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM804	1.00	0.04	0.00	0.00	0.19	0.00	0.00	0.76	0.00	0.00
SRM804-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM805	1.00	0.10	0.01	0.00	0.21	0.00	0.00	0.68	0.03	0.00
SRM806	1.00	0.04	0.00	0.00	0.23	0.00	0.00	0.73	0.00	0.00
SRM806-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM807	1.00	0.65	0.00	0.00	0.14	0.00	0.01	0.20	0.00	0.00
SRM807-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM808	1.00	0.04	0.00	0.00	0.54	0.00	0.00	0.41	0.31	0.00
SRM808-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM809	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.72	0.00
SRM809-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM81	1.00	0.04	0.00	0.00	0.00	0.06	0.00	0.90	0.01	0.00
SRM810	1.00	0.04	0.00	0.00	0.94	0.00	0.00	0.01	0.13	0.00
SRM814	1.00	0.05	0.00	0.00	0.94	0.02	0.00	0.00	0.00	0.00
SRM815	1.00	0.05	0.00	0.00	0.93	0.02	0.00	0.00	0.00	0.00
SRM816	1.00	0.04	0.02	0.00	0.94	0.00	0.00	0.00	0.03	0.00
SRM82	1.00	0.04	0.00	0.00	0.30	0.01	0.00	0.65	0.01	0.00
SRM826	1.00	0.04	0.00	0.00	0.29	0.00	0.00	0.67	0.00	0.00
SRM826-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM83	1.00	0.04	0.00	0.00	0.32	0.63	0.00	0.01	0.56	0.00
SRM830	1.00	0.04	0.00	0.00	0.10	0.00	0.00	0.86	0.01	0.00
SRM831	1.00	0.04	0.00	0.00	0.08	0.01	0.00	0.87	0.02	0.00
SRM832	1.00	0.04	0.00	0.00	0.05	0.02	0.00	0.89	0.07	0.00
SRM833	1.00	0.09	0.02	0.00	0.33	0.04	0.00	0.52	0.31	0.00
SRM834	1.00	0.07	0.00	0.00	0.93	0.00	0.00	0.00	0.00	0.00
SRM836	1.00	0.04	0.00	0.00	0.29	0.00	0.00	0.67	0.10	0.00
SRM836-S	1.00	0.70	0.22	0.00	0.08	0.00	0.00	0.00	0.84	0.00
SRM838	1.00	0.04	0.01	0.00	0.95	0.00	0.00	0.00	0.02	0.00
SRM839	1.00	0.04	0.00	0.00	0.35	0.00	0.00	0.60	0.04	0.00
SRM84	1.00	0.04	0.00	0.00	0.30	0.65	0.00	0.00	0.58	0.00
SRM840	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.00	0.00
SRM844	1.00	0.04	0.00	0.00	0.92	0.00	0.00	0.04	0.11	0.00
SRM844-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM845	1.00	0.05	0.04	0.00	0.89	0.00	0.00	0.02	0.10	0.00
SRM845-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM846	1.00	0.04	0.00	0.00	0.73	0.00	0.00	0.22	0.16	0.00
SRM847	1.00	0.04	0.00	0.00	0.73	0.00	0.00	0.23	0.09	0.00
SRM847-S	1.00	0.89	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM848	1.00	0.04	0.00	0.00	0.72	0.00	0.00	0.24	0.14	0.00
SRM848-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM849	1.00	0.04	0.00	0.00	0.58	0.00	0.00	0.38	0.03	0.00
SRM849-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM85	1.00	0.04	0.00	0.00	0.29	0.67	0.00	0.00	0.56	0.00
SRM850	1.00	0.04	0.00	0.00	0.19	0.00	0.00	0.77	0.01	0.00
SRM850-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM851	1.00	0.04	0.00	0.00	0.93	0.00	0.00	0.03	0.00	0.00
SRM851-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM852	1.00	0.04	0.00	0.00	0.64	0.00	0.00	0.31	0.37	0.00
SRM852-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM853	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM853-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM854	1.00	0.04	0.00	0.00	0.00	0.41	0.00	0.55	0.38	0.00
SRM854-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM855	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM855-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM856	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM856-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM857	1.00	0.84	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM857-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM858	1.00	0.12	0.00	0.00	0.17	0.00	0.00	0.71	0.02	0.00
SRM858-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM859	1.00	0.04	0.00	0.00	0.31	0.65	0.00	0.00	0.00	0.00
SRM859-S	1.00	0.62	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00
SRM86	1.00	0.04	0.00	0.00	0.29	0.66	0.00	0.00	0.58	0.00

SRM863	1.00	0.04	0.00	0.00	0.24	0.00	0.00	0.71	0.00	0.00
SRM863-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM864	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.46	0.00
SRM864-S	1.00	0.68	0.08	0.00	0.16	0.00	0.08	0.00	0.09	0.00
SRM865	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.45	0.00
SRM865-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM866	1.00	0.04	0.00	0.00	0.44	0.00	0.00	0.51	0.00	0.00
SRM866-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM867	1.00	0.04	0.00	0.00	0.65	0.00	0.00	0.31	0.01	0.00
SRM867-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM869	1.00	0.04	0.00	0.00	0.50	0.00	0.00	0.45	0.00	0.00
SRM869-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM870	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.47	0.00
SRM870-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM871	1.00	0.04	0.00	0.00	0.63	0.00	0.00	0.33	0.00	0.00
SRM871-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM872	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.21	0.00
SRM872-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM873	1.00	0.04	0.00	0.00	0.45	0.00	0.00	0.51	0.02	0.00
SRM873-S	1.00	0.82	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM876	1.00	0.04	0.00	0.00	0.43	0.00	0.00	0.53	0.02	0.00
SRM876-S	1.00	0.82	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM88	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.04	0.00
SRM880	1.00	0.04	0.00	0.00	0.24	0.00	0.00	0.71	0.08	0.00
SRM880-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM881	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.14	0.00
SRM881-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM882	1.00	0.04	0.00	0.00	0.94	0.02	0.00	0.00	0.44	0.00
SRM882-S	1.00	0.93	0.03	0.00	0.03	0.00	0.00	0.01	0.82	0.00
SRM883	1.00	0.04	0.00	0.00	0.24	0.00	0.00	0.71	0.01	0.00
SRM883-S	1.00	0.94	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM884	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.75	0.00
SRM884-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM885	1.00	0.04	0.00	0.00	0.76	0.00	0.00	0.20	0.05	0.00
SRM885-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM886	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.65	0.00
SRM886-S	1.00	0.88	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM887	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.47	0.00
SRM887-S	1.00	0.96	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM888	1.00	0.04	0.00	0.00	0.44	0.00	0.00	0.52	0.00	0.00
SRM888-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM889	1.00	0.04	0.00	0.00	0.40	0.00	0.00	0.55	0.00	0.00
SRM889-S	1.00	0.68	0.01	0.00	0.30	0.00	0.01	0.00	0.04	0.00
SRM89	1.00	0.04	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
SRM890	1.00	0.04	0.00	0.00	0.46	0.00	0.00	0.50	0.04	0.00
SRM890-S	1.00	0.62	0.04	0.00	0.31	0.00	0.03	0.00	0.03	0.00
SRM891	1.00	0.04	0.00	0.00	0.43	0.00	0.00	0.53	0.01	0.00
SRM891-S	1.00	0.63	0.03	0.00	0.30	0.00	0.04	0.00	0.00	0.00
SRM892	1.00	0.04	0.00	0.00	0.26	0.70	0.00	0.00	0.00	0.00
SRM892-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM893	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.45	0.00
SRM893-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM89-S	1.00	0.10	0.56	0.00	0.33	0.01	0.00	0.00	0.84	0.00
SRM9	1.00	0.04	0.00	0.00	0.35	0.00	0.00	0.60	0.00	0.00
SRM90	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.79	0.00
SRM905	1.00	0.04	0.00	0.00	0.43	0.53	0.00	0.00	0.48	0.00
SRM905-S	1.00	0.04	0.75	0.00	0.07	0.00	0.14	0.00	0.00	0.00
SRM906-20171208	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM906-20171208-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM90-S	1.00	0.66	0.31	0.00	0.03	0.00	0.00	0.00	0.84	0.00
SRM915	1.00	0.04	0.00	0.00	0.28	0.67	0.00	0.00	0.13	0.00
SRM915-S	1.00	0.83	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00
SRM92	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.05	0.00
SRM926	1.00	0.05	0.00	0.00	0.48	0.00	0.00	0.47	0.00	0.00
SRM926-S	1.00	0.87	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00
SRM927	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM927-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM928	1.00	0.96	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM929	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM929-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM92-S	1.00	0.72	0.07	0.00	0.18	0.02	0.00	0.01	0.83	0.00
SRM93	1.00	0.04	0.00	0.00	0.95	0.01	0.00	0.00	0.34	0.00
SRM931	1.00	0.00	0.00	0.00	0.82	0.02	0.00	0.17	0.02	0.00
SRM931-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM932	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SRM932-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM933	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM933-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM934	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM934-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM936	1.00	0.04	0.00	0.00	0.26	0.70	0.00	0.00	0.76	0.00
SRM936-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM938	1.00	0.04	0.00	0.00	0.10	0.85	0.00	0.01	0.90	0.00
SRM938-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM939	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM93-S	1.00	0.64	0.09	0.00	0.24	0.00	0.04	0.00	0.60	0.00
SRM941	1.00	0.09	0.02	0.00	0.02	0.00	0.00	0.87	0.02	0.00
SRM942_2	1.00	0.11	0.00	0.00	0.00	0.89	0.00	0.00	0.00	0.00
SRM943	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM943-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM944	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM945	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
SRM946	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
SRM947	1.00	0.00	0.00	0.00	0.72	0.03	0.00	0.24	0.67	0.00
SRM947-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM950	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM950-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM951	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM951-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM952	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM952-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM954	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM954-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM955	1.00	0.04	0.00	0.00	0.09	0.86	0.00	0.00	0.34	0.00
SRM955-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM956	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM957	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM958	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM958-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM959	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM959-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM960	1.00	0.05	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00
SRM960-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM961	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM961-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM963	1.00	0.06	0.00	0.00	0.00	0.00	0.00	0.94	0.00	0.00
SRM964	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM964-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM965	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM965-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM966	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM966-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM967	1.00	0.04	0.00	0.00	0.06	0.00	0.00	0.89	0.04	0.00
SRM967-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM984	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM984-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM985	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM985-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM986	1.00	0.04	0.00	0.00	0.00	0.34	0.00	0.62	0.32	0.00
SRM986-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM987	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM987-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM988	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM989	1.00	0.93	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM989-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM99	1.00	0.04	0.00	0.00	0.00	0.95	0.00	0.00	0.88	0.00
SRM990	1.00	0.04	0.00	0.00	0.02	0.01	0.00	0.93	0.02	0.00
SRM990-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM991	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM992	1.00	0.04	0.00	0.00	0.01	0.01	0.00	0.94	0.01	0.00
SRM992-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM993	1.00	0.55	0.43	0.00	0.02	0.00	0.00	0.00	0.84	0.00
SRM993-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM994	1.00	0.04	0.00	0.00	0.11	0.06	0.00	0.78	0.16	0.00
SRM994-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM995	1.00	0.06	0.05	0.00	0.35	0.00	0.00	0.53	0.32	0.00
SRM995-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM996	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
SRM996-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM997	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SRM9-S	1.00	0.79	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00
Vista_Ryders_Ridge	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

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Conduit Surcharge Summary
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Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Above Full: Dnstream	Capacity: Normal Flow	Capacity: Limited
1000	0.01	0.01	0.02	0.01	0.01
1001	0.01	0.02	0.01	0.20	0.01
1002	0.07	0.19	0.07	0.26	0.07
1003	0.21	0.21	0.21	0.27	0.19
1004	0.10	0.10	0.12	0.01	0.01
1005	0.12	0.12	0.19	0.01	0.01
1006	0.20	0.20	0.20	0.16	0.14
1007	0.20	0.20	0.23	0.15	0.14
1008	0.20	0.20	0.21	0.06	0.06
1009	0.21	0.22	0.21	0.24	0.21
1011	0.19	0.21	0.19	0.33	0.19
995	0.05	0.14	0.05	0.27	0.05
997	0.16	0.16	0.31	0.01	0.01
998	0.21	0.23	0.21	0.27	0.21
999	0.19	0.20	0.19	0.23	0.18
C108	0.01	0.01	0.01	0.62	0.01
C112	0.01	0.08	0.01	0.17	0.01
C18-S8	0.01	0.01	0.22	0.01	0.01
C20	0.17	0.17	0.68	0.01	0.01
C20-S	0.01	0.01	3.09	0.01	0.01
C21	0.68	0.68	0.93	0.01	0.01
C22	0.93	0.93	1.32	0.01	0.01
C23	0.01	0.01	0.01	0.79	0.01
C24	1.32	1.32	1.67	0.01	0.01
C25	0.50	0.50	0.66	0.01	0.01
C26	0.28	0.49	1.08	3.13	0.06
C28	0.01	0.01	1.33	0.01	0.01
C29	0.88	0.93	1.02	0.47	0.36
C3	1.42	1.42	1.64	0.12	0.12
C30	0.01	0.01	0.01	0.98	0.01
C31	0.01	0.01	0.61	0.01	0.01
C32	0.01	0.01	0.30	0.01	0.01
C32_3	0.01	0.01	0.01	0.32	0.01
C33	0.21	0.21	0.54	0.01	0.01
C34	0.01	0.01	0.78	0.01	0.01
C35	0.54	0.54	0.90	0.01	0.01
C4	1.42	2.01	1.42	1.84	0.94
C45	0.01	0.01	0.01	0.48	0.01
C46	0.01	0.01	0.24	0.01	0.01
C47	0.01	0.24	0.01	0.85	0.01
C49	0.01	0.30	0.01	0.01	0.01
C5	1.27	1.27	1.30	0.01	0.01
C52	0.01	0.01	0.24	0.01	0.01
C55	2.71	2.71	2.88	0.01	0.01
C56	3.40	3.44	3.40	0.75	0.69
C57	0.62	0.62	2.99	0.20	0.20
C59	2.74	2.74	2.78	0.01	0.01
C6	1.17	1.30	1.19	0.37	0.23
C61	3.97	3.97	4.00	0.02	0.02
C62	3.40	3.40	4.00	0.01	0.01
C63	2.96	2.96	3.39	0.01	0.01
C64	0.01	0.01	2.60	0.01	0.01
C65	2.60	2.60	3.38	0.01	0.01
C6-S	0.01	0.01	3.36	0.01	0.01
C7	0.39	0.39	0.62	0.10	0.10
C71	0.01	0.01	0.01	1.92	0.01
C79	1.67	1.67	2.49	0.01	0.01
C80	2.49	2.49	3.30	0.01	0.01
C81	3.30	3.30	3.30	0.01	0.01
C82	3.30	3.30	3.34	1.46	1.46
C86	0.01	0.01	0.12	0.64	0.01
C87	0.01	0.01	0.01	0.73	0.01

C88	0.27	0.27	0.47	0.05	0.01
C89	0.01	0.01	0.25	0.01	0.01
C90	0.01	0.01	0.01	0.29	0.01
C97	0.01	0.30	0.01	0.39	0.01
C99	0.01	0.13	0.01	0.28	0.01
GCC11	0.01	0.01	0.01	0.32	0.01
GCC12	0.16	0.16	3.38	0.01	0.01
GCC17	1.10	1.10	1.13	0.01	0.01
GCC18	0.01	0.01	0.01	1.60	0.01
GCC19	1.00	1.00	1.95	0.01	0.01
GCC2	0.01	0.01	0.01	0.06	0.01
GCC20	1.01	1.04	1.01	1.16	0.95
GCC21	0.90	0.93	0.90	1.07	0.90
GCC22	0.01	0.01	0.01	0.05	0.01
GCC25	2.64	2.64	3.16	0.01	0.01
GCC27	0.01	0.01	0.40	0.01	0.01
GCC29	0.23	0.23	0.23	0.01	0.01
GCC3	0.01	0.01	0.01	0.30	0.01
GCC31	0.01	0.01	0.30	0.01	0.01
GCC36	3.18	3.18	3.22	0.01	0.01
GCC39	0.01	0.01	3.15	0.01	0.01
GCC40	0.01	0.01	3.15	0.01	0.01
GCC41	0.01	0.01	2.57	0.01	0.01
GCC42	0.01	0.01	2.57	0.01	0.01
GCC52	0.01	0.01	0.01	0.50	0.01
GCC54	0.57	0.57	0.57	0.30	0.31
GCC55	1.13	1.13	1.13	1.09	1.09
GCC56	0.30	0.30	0.38	0.01	0.01
GCC57	0.37	0.38	0.37	0.41	0.37
GCC61	0.01	0.01	0.20	0.01	0.01
GCC62	1.49	1.49	1.51	1.41	1.40
GCC63	0.46	0.46	0.51	0.08	0.01
HPC1	1.62	1.62	3.32	0.01	0.01
HPC14	0.01	0.14	0.01	1.63	0.01
HPC2	3.34	3.34	3.34	0.34	0.49
HPC20	0.01	0.01	0.70	0.24	0.01
HPC22	3.21	3.33	3.21	1.00	0.03
HPC24	0.01	0.01	3.36	0.01	0.01
HPC25	3.34	3.34	3.35	0.19	0.18
HPC29	0.01	0.01	0.01	0.38	0.01
HPC36	2.44	2.44	3.34	0.01	0.01
HPC43	0.95	2.41	0.95	2.84	0.95
HPC44	0.01	2.77	0.01	3.33	0.01
HPC49	0.01	0.01	0.01	2.45	0.01
HPC5	0.01	0.01	0.01	2.92	0.01
SRM1	0.25	0.25	0.26	0.26	0.25
SRM1000	0.01	0.01	3.40	0.01	0.01
SRM1002	0.01	0.01	3.97	0.01	0.01
SRM1008	0.02	0.02	0.07	0.01	0.01
SRM1012	0.01	0.01	0.04	0.01	0.01
SRM1013	0.01	0.01	0.97	0.12	0.01
SRM1014	0.88	0.96	1.96	0.18	0.01
SRM1015	0.03	0.09	0.48	0.18	0.03
SRM1018	0.01	0.01	0.01	0.28	0.01
SRM103	0.01	0.02	0.01	0.06	0.01
SRM1040	1.43	1.43	1.86	0.18	0.01
SRM105	0.01	0.01	2.99	0.01	0.01
SRM1053	1.07	1.07	1.32	0.01	0.01
SRM108	0.16	0.16	0.21	0.01	0.01
SRM109	0.44	0.46	0.46	0.45	0.43
SRM110	1.60	1.60	1.95	0.30	0.30
SRM111	1.86	1.86	2.02	0.28	0.27
SRM112	0.73	0.73	1.12	0.29	0.29
SRM114	0.17	0.21	0.18	0.22	0.16
SRM116	0.34	0.35	0.34	0.35	0.33
SRM120	0.35	0.36	0.35	0.37	0.35
SRM122	0.17	0.36	0.17	0.38	0.17
SRM123	0.01	0.01	0.38	0.01	0.01
SRM124	0.35	0.38	0.35	0.39	0.35
SRM125	0.01	0.01	0.06	0.01	0.01
SRM13	0.24	0.24	0.28	0.01	0.01
SRM130	1.95	1.95	2.05	0.55	0.02
SRM1306	3.40	3.40	3.41	0.07	0.08
SRM1308	3.41	3.41	3.42	0.07	0.11
SRM1309	3.42	3.42	3.44	0.03	0.03

SRM1309-S	3.24	3.24	3.33	0.01	0.01
SRM131	2.14	2.14	2.20	0.53	0.01
SRM1310	1.35	1.35	1.42	0.01	0.01
SRM132	2.29	2.29	2.39	0.59	0.01
SRM134	0.55	0.55	0.64	0.01	0.01
SRM136	0.30	0.37	0.30	0.38	0.30
SRM137	0.06	0.06	0.30	0.01	0.01
SRM138	0.01	0.01	0.36	0.01	0.01
SRM139	0.01	0.36	0.01	0.38	0.01
SRM14	0.36	0.36	1.38	0.01	0.01
SRM144	0.17	0.17	0.20	0.20	0.17
SRM145	0.38	0.41	0.38	0.65	0.38
SRM146	0.15	0.16	0.17	0.14	0.11
SRM148	0.05	0.06	0.06	0.05	0.03
SRM149	0.06	0.06	0.16	0.01	0.01
SRM150	0.05	0.05	0.07	0.01	0.01
SRM151	0.16	0.26	0.16	0.35	0.16
SRM154	0.01	0.07	0.01	0.23	0.01
SRM16	0.20	0.20	0.36	0.01	0.01
SRM164	0.01	0.01	0.04	0.01	0.01
SRM165	0.05	0.05	0.09	0.01	0.01
SRM166	0.09	0.09	0.12	0.09	0.08
SRM168	0.11	0.11	0.13	0.13	0.11
SRM17	0.31	0.31	0.34	0.01	0.01
SRM170	0.58	0.58	2.32	0.01	0.01
SRM171	3.39	3.39	3.42	1.12	0.01
SRM1730	3.15	3.15	3.26	0.01	0.01
SRM1731	2.90	2.90	3.10	0.01	0.01
SRM1736	2.83	2.83	3.02	0.01	0.01
SRM1737	3.24	3.24	3.40	0.01	0.01
SRM1738	3.93	3.93	4.00	0.01	0.01
SRM1739	0.01	0.01	2.98	0.01	0.01
SRM1740	3.09	3.09	3.98	0.01	0.01
SRM1741	3.98	3.98	4.00	0.01	0.01
SRM178	0.01	0.01	0.05	0.05	0.01
SRM18	0.17	0.17	0.18	0.08	0.07
SRM19	0.25	0.26	0.31	0.09	0.07
SRM195	0.76	0.77	0.77	0.23	0.21
SRM196	0.76	0.77	0.78	0.33	0.32
SRM197	0.78	0.78	0.80	0.21	0.20
SRM198	0.80	0.80	0.86	0.39	0.40
SRM199	0.76	0.77	0.83	0.26	0.25
SRM2	0.22	0.22	0.25	0.04	0.04
SRM20	0.35	0.35	0.35	0.33	0.32
SRM200	0.81	0.82	0.89	0.54	0.53
SRM201	0.87	0.90	0.94	0.73	0.70
SRM202	0.90	0.90	1.42	0.01	0.01
SRM204	1.36	1.37	1.46	0.73	0.71
SRM206	1.55	1.55	1.73	0.01	0.01
SRM208	1.38	1.39	1.41	0.71	0.69
SRM209	1.42	1.42	1.52	0.01	0.01
SRM21	0.26	0.26	0.33	0.01	0.01
SRM214	1.28	1.28	1.55	0.01	0.01
SRM215	0.44	0.44	0.56	0.17	0.01
SRM216	1.72	1.72	1.81	0.47	0.37
SRM216-S	0.01	0.01	3.23	0.01	0.01
SRM218	0.81	0.81	0.88	0.02	0.02
SRM219	0.72	0.73	0.72	0.83	0.72
SRM22	0.36	0.36	0.36	0.36	0.34
SRM220	0.79	0.79	0.90	0.01	0.01
SRM221	0.73	0.73	0.74	0.68	0.65
SRM222	0.75	0.75	0.79	0.65	0.65
SRM223	0.86	0.87	0.87	0.15	0.14
SRM224	0.76	0.76	0.77	0.68	0.67
SRM225	0.75	0.78	0.75	0.84	0.75
SRM227	0.87	0.90	0.88	0.90	0.87
SRM228	0.74	0.74	0.78	0.44	0.43
SRM229	0.73	0.73	0.73	0.72	0.69
SRM23	0.01	0.06	0.01	0.11	0.01
SRM230	0.61	0.78	0.61	0.83	0.61
SRM231	0.56	0.67	0.57	0.75	0.50
SRM232	0.43	0.43	0.44	0.63	0.32
SRM233	0.90	0.90	1.85	0.03	0.03
SRM238	0.09	0.09	0.38	0.01	0.01
SRM239	0.58	0.58	0.64	0.11	0.10

SRM24	0.25	0.25	3.68	0.01	0.01
SRM240	0.66	0.67	1.26	0.16	0.14
SRM242	0.57	0.60	0.88	0.32	0.28
SRM243	0.52	0.52	0.60	0.24	0.23
SRM244	0.14	0.14	0.54	0.01	0.01
SRM245	0.52	0.52	0.57	0.44	0.44
SRM246	0.58	0.58	0.67	0.01	0.01
SRM247	0.67	0.67	0.88	0.01	0.01
SRM248	0.88	0.88	1.02	0.01	0.01
SRM249	1.01	1.01	1.11	0.01	0.01
SRM250	0.73	0.79	0.73	0.13	0.04
SRM251	0.01	0.01	0.07	0.01	0.01
SRM256	0.01	0.01	0.13	0.01	0.01
SRM257	0.34	0.35	0.34	0.36	0.33
SRM258	0.35	0.39	0.35	0.42	0.35
SRM259	0.34	0.39	0.35	0.16	0.11
SRM26	0.01	0.01	0.16	0.02	0.01
SRM261	0.72	0.72	0.73	0.53	0.51
SRM262	0.73	0.73	0.78	0.41	0.41
SRM263	0.61	0.61	0.67	0.01	0.01
SRM264	0.69	0.69	0.72	0.28	0.23
SRM266	0.44	0.44	0.60	0.24	0.24
SRM267	0.42	0.44	0.43	0.43	0.41
SRM268	0.41	0.41	0.48	0.30	0.28
SRM269	1.07	1.07	1.37	0.32	0.31
SRM27	0.01	0.01	0.01	0.19	0.01
SRM270	1.31	1.32	1.43	0.07	0.05
SRM272	1.02	1.02	1.03	0.01	0.02
SRM273	1.06	1.06	1.11	0.01	0.01
SRM274	1.03	1.03	1.06	0.01	0.01
SRM275	1.08	1.08	1.12	0.01	0.02
SRM276	1.14	1.14	1.18	0.01	0.01
SRM276-S	0.55	0.55	0.65	0.01	0.01
SRM277	1.14	1.14	1.18	0.17	0.17
SRM28	0.01	0.01	3.08	0.01	0.01
SRM280	0.75	0.82	0.75	0.31	0.19
SRM281	0.72	0.75	0.73	0.85	0.72
SRM283	0.70	0.73	0.70	0.87	0.70
SRM284	0.59	0.70	0.60	0.87	0.59
SRM287	0.38	0.40	0.39	0.17	0.15
SRM289	0.12	0.12	0.23	0.01	0.01
SRM290	0.23	0.23	0.30	0.01	0.01
SRM291	0.30	0.30	0.31	0.31	0.30
SRM292	0.04	0.12	0.04	0.25	0.04
SRM293	0.01	0.01	0.03	0.03	0.01
SRM298	0.23	0.23	0.39	0.01	0.01
SRM299	0.29	0.44	0.29	0.46	0.29
SRM3	0.19	0.19	0.20	0.01	0.01
SRM300	0.20	0.30	0.20	0.41	0.20
SRM301	0.14	0.19	0.14	0.28	0.14
SRM303	0.01	0.01	0.23	0.01	0.01
SRM304	0.01	0.07	0.01	0.27	0.01
SRM307	0.01	0.58	0.01	0.59	0.01
SRM31	1.23	1.23	3.39	0.01	0.01
SRM313	0.40	0.40	0.64	0.01	0.01
SRM314	0.01	0.62	0.01	0.64	0.01
SRM315	0.36	0.39	0.37	0.20	0.16
SRM316	0.15	0.16	0.15	0.17	0.14
SRM317	0.01	0.16	0.01	0.20	0.01
SRM318	0.15	0.16	0.15	0.18	0.14
SRM319	0.10	0.10	0.32	0.01	0.01
SRM320	0.01	0.01	0.06	0.01	0.01
SRM321	0.31	0.31	0.34	0.22	0.22
SRM322	0.31	0.32	0.31	0.34	0.31
SRM323	0.31	0.32	0.31	0.28	0.26
SRM325	0.08	0.08	0.18	0.01	0.01
SRM326	0.19	0.19	0.26	0.16	0.15
SRM327	0.01	0.01	0.07	0.01	0.01
SRM328	0.20	0.20	0.22	0.01	0.01
SRM329	0.23	0.23	0.40	0.01	0.01
SRM332	0.35	0.35	0.39	0.01	0.01
SRM334	0.20	0.20	0.22	0.01	0.01
SRM335	0.12	0.24	0.12	0.27	0.12
SRM336	0.01	0.01	0.01	0.04	0.01
SRM338	0.06	0.06	0.08	0.01	0.01

SRM339	0.10	0.10	0.10	0.12	0.09
SRM341	0.01	0.01	0.11	0.01	0.01
SRM342	0.46	0.46	1.76	0.01	0.01
SRM343	0.07	0.07	0.48	0.01	0.01
SRM345	0.19	0.32	0.19	0.33	0.19
SRM349	0.08	0.11	0.08	0.15	0.08
SRM350	0.11	0.37	0.11	0.44	0.11
SRM352	0.01	0.01	0.23	0.01	0.01
SRM353	0.24	0.24	0.26	0.19	0.18
SRM354	0.20	0.26	0.20	0.27	0.20
SRM355	0.01	0.01	0.01	0.27	0.01
SRM356	0.01	1.24	0.01	1.40	0.01
SRM363	0.08	0.08	0.25	0.01	0.01
SRM364	0.03	0.07	0.06	0.06	0.01
SRM366	0.47	0.55	0.60	0.13	0.05
SRM368	0.56	0.56	0.75	0.23	0.23
SRM369	0.53	0.75	0.54	0.75	0.50
SRM371	1.10	1.13	1.10	1.15	1.10
SRM372	1.09	1.09	1.11	0.82	0.81
SRM374	3.43	3.43	3.47	0.01	0.01
SRM376	0.24	0.24	0.31	0.13	0.13
SRM377	1.80	1.80	1.92	0.14	0.14
SRM377-S	0.01	0.01	3.25	0.01	0.01
SRM378	0.70	0.70	1.80	0.01	0.01
SRM379	0.70	0.70	0.70	0.72	0.69
SRM381	0.48	0.48	0.70	0.01	0.01
SRM382	0.77	0.80	0.77	0.49	0.42
SRM383	0.61	0.61	1.42	0.01	0.01
SRM387	1.56	1.56	3.41	0.08	0.07
SRM388	1.58	1.63	1.59	0.52	0.39
SRM388-S	0.01	0.01	0.49	0.01	0.01
SRM390	2.41	2.41	2.43	0.01	0.01
SRM391	2.40	2.40	2.41	0.01	0.01
SRM393	1.64	1.99	1.69	0.52	0.11
SRM394	1.69	1.69	2.65	0.04	0.03
SRM395	2.35	2.35	2.74	0.01	0.01
SRM396	2.39	2.39	2.74	0.01	0.01
SRM4	0.18	0.18	0.18	0.03	0.01
SRM400	1.90	1.97	1.95	1.34	1.25
SRM400-S	0.01	0.01	3.25	0.01	0.01
SRM402	1.88	1.95	1.97	0.19	0.04
SRM403	2.27	2.27	2.40	0.01	0.01
SRM405	1.98	1.98	2.41	0.02	0.01
SRM406	1.97	1.97	1.98	2.30	0.60
SRM408	2.41	2.41	2.58	0.02	0.01
SRM410	2.58	2.58	3.41	0.17	0.01
SRM411	2.22	3.41	2.22	3.46	2.22
SRM414	1.97	1.97	2.14	0.01	0.02
SRM415	2.25	2.25	2.34	0.01	0.01
SRM420	2.51	2.81	2.51	1.29	0.99
SRM422	0.01	0.11	0.01	0.03	0.01
SRM426	0.01	0.12	0.01	0.16	0.01
SRM427	0.01	0.01	0.01	0.09	0.01
SRM428	0.14	0.36	0.14	0.41	0.14
SRM429	0.01	0.14	0.01	0.15	0.01
SRM430	0.01	0.01	0.01	0.12	0.01
SRM431	0.01	0.01	0.12	0.01	0.01
SRM433	0.01	0.01	0.01	0.09	0.01
SRM440	0.01	0.01	0.01	0.06	0.01
SRM441	0.01	0.01	0.04	0.01	0.01
SRM442	0.01	0.02	0.01	0.06	0.01
SRM445	0.01	0.01	0.02	0.01	0.01
SRM448	0.22	0.22	0.35	0.01	0.01
SRM449	0.20	0.24	0.20	0.29	0.20
SRM450	0.23	0.23	0.29	0.01	0.01
SRM451	0.24	0.24	0.24	0.19	0.17
SRM452	0.16	0.16	0.26	0.01	0.01
SRM453	0.23	0.26	0.23	0.49	0.23
SRM454	1.09	1.14	1.09	1.16	1.09
SRM455	0.23	0.30	0.23	0.33	0.23
SRM456	0.21	1.08	0.23	1.06	0.17
SRM457	0.13	0.13	0.21	0.01	0.01
SRM458	0.21	0.21	0.28	0.01	0.01
SRM459	0.18	0.18	0.24	0.01	0.01
SRM46	1.47	1.47	1.55	0.06	0.07

SRM460	0.12	0.12	0.18	0.01	0.01
SRM461	0.14	0.14	0.17	0.01	0.01
SRM463	0.01	0.06	0.01	0.09	0.01
SRM466	0.01	0.01	0.05	0.03	0.01
SRM467	0.30	0.35	0.40	0.18	0.13
SRM468	0.23	0.23	0.30	0.01	0.01
SRM469	0.41	0.41	0.43	0.01	0.01
SRM47	1.50	1.50	1.54	0.01	0.01
SRM470	0.43	0.43	0.44	0.20	0.19
SRM471	0.27	0.35	0.27	0.36	0.27
SRM472	0.22	0.22	0.26	0.01	0.01
SRM473	0.55	0.55	0.82	0.01	0.01
SRM474	0.24	0.29	0.35	0.17	0.11
SRM475	0.38	0.38	0.53	0.01	0.01
SRM476	0.58	0.59	0.67	0.38	0.36
SRM477	0.61	0.65	0.76	0.20	0.14
SRM478	0.82	0.82	1.51	0.01	0.01
SRM479	2.48	2.48	2.55	0.55	0.01
SRM48	1.39	1.39	1.50	0.01	0.01
SRM480	0.80	0.82	1.87	0.12	0.10
SRM481	1.63	1.63	1.98	0.01	0.01
SRM482	0.67	0.67	0.82	0.01	0.01
SRM483	0.47	0.47	0.73	0.01	0.01
SRM484	0.44	0.47	0.73	0.32	0.28
SRM485	0.34	0.34	0.44	0.01	0.01
SRM487	0.26	0.26	0.32	0.01	0.01
SRM488	0.27	0.27	0.29	0.02	0.01
SRM489	0.32	0.32	0.37	0.01	0.01
SRM49	1.27	1.27	1.49	0.01	0.01
SRM490	0.34	0.34	0.42	0.12	0.12
SRM491	0.41	0.42	0.51	0.26	0.24
SRM492	0.53	0.53	0.57	0.33	0.30
SRM493	0.64	0.65	1.08	0.31	0.29
SRM494	1.52	1.52	1.86	0.28	0.27
SRM495	0.39	0.40	0.41	0.40	0.38
SRM496	0.35	0.35	0.39	0.01	0.01
SRM497	0.39	0.40	0.39	0.41	0.39
SRM498	0.87	0.88	1.73	0.07	0.04
SRM499	0.49	0.49	0.88	0.01	0.01
SRM5	0.14	0.14	0.16	0.01	0.01
SRM50	0.01	0.01	0.38	0.01	0.01
SRM500	0.25	0.25	0.32	0.12	0.11
SRM501	0.29	0.29	0.30	0.03	0.03
SRM502	0.15	0.31	0.15	0.33	0.15
SRM503	0.07	0.73	0.07	0.74	0.07
SRM504	0.12	0.12	0.30	0.01	0.01
SRM505	0.01	0.01	0.45	0.36	0.01
SRM506	0.11	0.11	3.39	0.01	0.01
SRM507	0.01	0.10	0.01	0.13	0.01
SRM509	0.68	0.68	0.71	0.23	0.21
SRM51	0.64	0.64	0.74	0.11	0.10
SRM510	0.13	0.13	0.18	0.01	0.01
SRM511	0.01	0.02	0.01	0.04	0.01
SRM512	0.01	0.08	0.01	0.10	0.01
SRM513	0.01	0.01	0.12	0.01	0.01
SRM514	0.18	0.28	0.18	0.29	0.18
SRM516	0.38	0.39	0.39	0.39	0.37
SRM517	0.07	0.07	0.32	0.01	0.01
SRM518	0.30	0.30	0.31	0.01	0.01
SRM519	0.34	0.38	0.34	0.38	0.34
SRM52	1.42	1.43	1.51	0.40	0.39
SRM520	0.28	0.34	0.28	0.40	0.28
SRM521	0.12	0.12	0.35	0.01	0.01
SRM522	0.19	0.32	0.19	0.34	0.19
SRM523	0.28	0.28	0.36	0.07	0.07
SRM524	2.08	2.08	2.25	0.01	0.01
SRM529	0.01	0.01	0.01	0.01	0.01
SRM53	1.24	1.27	1.24	1.33	1.23
SRM530	0.01	0.60	0.01	1.36	0.01
SRM532	0.01	0.01	0.04	0.01	0.01
SRM535	0.02	0.40	0.02	0.42	0.02
SRM536	0.19	0.19	0.20	0.04	0.06
SRM537	0.05	0.09	0.05	0.14	0.05
SRM538	1.11	1.11	1.11	0.96	0.96
SRM54	0.45	0.45	0.69	0.01	0.01

SRM540	0.39	0.39	0.78	0.01	0.01
SRM541	0.43	0.43	0.75	0.01	0.01
SRM542	0.43	0.51	0.65	0.11	0.01
SRM544	0.01	0.01	0.01	0.06	0.01
SRM548	0.14	0.33	0.14	0.36	0.14
SRM549	0.34	0.35	0.34	0.36	0.34
SRM55	0.74	0.75	0.75	0.43	0.33
SRM552	0.01	0.02	0.01	0.06	0.01
SRM553	0.01	0.01	0.01	0.02	0.01
SRM555	0.06	0.06	0.20	0.01	0.01
SRM556	0.54	0.54	0.57	0.17	0.16
SRM557	0.45	0.45	0.45	0.42	0.40
SRM561	1.00	1.08	1.00	3.33	0.12
SRM562	1.84	1.84	1.86	0.02	0.02
SRM563	0.34	0.38	0.34	0.39	0.34
SRM565	0.37	0.37	0.38	0.36	0.35
SRM567	1.62	1.62	1.77	0.01	0.01
SRM568	1.77	1.77	1.82	0.04	0.04
SRM569	1.79	1.79	1.86	0.05	0.04
SRM57	0.14	0.14	0.18	0.01	0.01
SRM573	1.67	1.67	1.72	0.01	0.01
SRM574	1.71	1.72	1.81	0.03	0.05
SRM575	1.78	1.81	1.84	0.06	0.05
SRM578	1.82	1.84	1.85	0.08	0.16
SRM579	1.82	1.85	1.93	0.04	0.08
SRM58	0.17	0.17	0.23	0.01	0.01
SRM580	1.93	1.93	2.06	0.03	0.09
SRM581	2.06	2.06	2.09	0.01	0.06
SRM582	2.09	2.09	2.13	0.01	0.06
SRM584	2.13	2.13	2.14	0.16	0.20
SRM585	2.49	2.49	2.50	1.06	1.18
SRM586	2.50	2.50	2.54	0.07	0.09
SRM587	2.54	2.54	2.58	0.25	0.26
SRM588	1.97	1.97	2.66	0.01	0.01
SRM589	2.58	2.58	2.58	2.16	2.05
SRM59	0.01	0.03	0.01	0.08	0.01
SRM590	2.59	2.59	2.61	0.07	0.11
SRM591	2.61	2.61	2.63	1.16	1.17
SRM592	2.62	2.63	2.64	0.69	0.70
SRM593	2.46	2.46	2.93	0.01	0.01
SRM594	2.14	2.14	2.23	0.01	0.01
SRM595	2.44	2.46	2.44	2.38	2.36
SRM596	1.49	1.59	2.46	0.18	0.13
SRM597	2.64	2.64	2.65	1.38	1.34
SRM598	2.65	2.66	2.66	1.29	1.27
SRM599	2.65	2.66	2.65	1.26	1.22
SRM6	0.14	0.14	0.18	0.01	0.01
SRM60	0.01	0.01	0.18	0.01	0.01
SRM600	2.15	2.15	2.27	0.01	0.01
SRM602	2.65	2.65	2.66	0.77	0.73
SRM603	2.66	2.66	2.66	1.32	1.32
SRM604	2.66	2.66	2.67	0.04	0.06
SRM605	2.68	2.68	2.71	0.01	0.01
SRM606	2.71	2.71	2.74	0.01	0.01
SRM607	0.71	0.71	0.71	0.80	0.71
SRM61	0.25	0.27	0.25	0.28	0.25
SRM610	0.16	0.32	0.16	0.33	0.16
SRM612	0.32	0.33	0.32	0.34	0.32
SRM613	0.31	0.31	0.32	0.31	0.30
SRM614	0.22	0.22	0.30	0.01	0.01
SRM615	0.12	0.12	0.22	0.01	0.01
SRM616	0.03	0.03	0.19	0.01	0.01
SRM617	0.01	0.01	0.03	0.04	0.01
SRM618	0.01	0.01	0.09	0.01	0.01
SRM620	0.01	0.01	0.10	0.01	0.01
SRM621	0.10	0.10	0.15	0.01	0.01
SRM622	0.01	0.16	0.01	0.18	0.01
SRM627	0.01	0.01	0.14	0.02	0.01
SRM628	0.14	0.14	0.34	0.05	0.03
SRM629	0.38	0.38	0.43	0.05	0.03
SRM63	0.25	0.25	0.27	0.10	0.09
SRM630	0.37	0.44	0.37	0.46	0.37
SRM631	1.10	1.37	1.10	1.41	1.10
SRM632	0.25	1.58	0.25	1.60	0.25
SRM633	0.43	0.43	0.47	0.01	0.01

SRM634	0.01	0.37	0.01	0.36	0.01
SRM635	0.01	0.01	0.01	0.02	0.01
SRM64	0.01	0.20	0.01	0.26	0.01
SRM640	0.51	0.51	0.56	0.01	0.01
SRM641	2.15	3.26	2.31	1.91	0.79
SRM643	0.01	0.01	0.18	0.01	0.01
SRM646	0.17	0.17	0.20	0.01	0.01
SRM65	0.19	0.19	0.20	0.17	0.16
SRM655	0.21	0.21	0.26	0.07	0.07
SRM656	0.47	0.51	0.50	0.41	0.36
SRM658	0.14	0.28	0.14	0.32	0.14
SRM661	0.01	0.01	0.22	0.01	0.01
SRM662	0.19	0.19	0.27	0.12	0.12
SRM666	0.27	0.27	0.30	0.01	0.01
SRM668	0.30	0.35	0.30	0.34	0.29
SRM68	0.83	0.97	0.83	1.45	0.83
SRM680	0.01	0.01	0.80	0.01	0.01
SRM680-S	0.01	0.01	0.29	0.01	0.01
SRM681-S	0.01	0.01	0.29	0.01	0.01
SRM689	0.80	0.80	0.82	0.33	0.33
SRM69	0.70	0.83	0.70	1.02	0.70
SRM691	0.10	0.10	0.23	0.01	0.01
SRM693	0.06	0.10	0.07	0.10	0.05
SRM694	0.07	0.07	0.14	0.02	0.01
SRM696	0.31	0.31	0.39	0.01	0.01
SRM7	0.16	0.20	0.16	0.24	0.16
SRM70	0.01	0.01	3.31	0.01	0.01
SRM700	0.22	0.23	0.25	0.16	0.14
SRM701	0.25	0.25	0.38	0.01	0.01
SRM702	0.01	0.01	0.28	0.01	0.01
SRM703	0.38	0.38	1.80	0.28	0.28
SRM723	0.25	0.25	2.01	0.01	0.01
SRM724	0.62	0.62	0.84	0.01	0.01
SRM725	0.77	1.21	0.77	1.49	0.77
SRM725-S	0.01	0.01	3.38	0.01	0.01
SRM726	1.21	1.46	1.21	1.52	1.21
SRM727	1.24	1.24	1.44	0.01	0.01
SRM728	1.46	1.47	1.46	1.81	1.36
SRM73	0.01	0.01	0.01	0.29	0.01
SRM730	0.23	0.23	1.47	0.01	0.01
SRM731	0.01	0.01	0.01	0.02	0.01
SRM735	0.30	0.30	0.34	0.26	0.25
SRM736	0.26	0.34	0.26	0.36	0.26
SRM741	0.01	0.01	0.01	0.02	0.01
SRM744	0.01	0.01	0.15	0.01	0.01
SRM745	0.18	0.18	0.28	0.01	0.01
SRM746	0.16	0.16	0.19	0.01	0.01
SRM747	0.15	0.15	0.51	0.01	0.01
SRM748	0.55	0.58	0.58	0.37	0.34
SRM749	0.27	0.27	3.37	0.01	0.01
SRM75	0.01	0.01	0.01	0.86	0.01
SRM750	0.54	0.54	0.61	0.01	0.01
SRM751	0.61	0.61	0.68	0.01	0.01
SRM752	0.57	0.58	0.59	0.10	0.08
SRM753	0.58	0.58	0.61	0.17	0.16
SRM754	0.60	0.60	0.61	0.12	0.09
SRM755	0.51	0.51	0.54	0.01	0.01
SRM756	0.01	0.01	0.05	0.01	0.01
SRM757	0.07	0.07	0.22	0.01	0.01
SRM758	0.22	0.23	0.25	0.07	0.05
SRM759	0.34	0.37	0.34	0.40	0.34
SRM760	0.01	0.01	0.28	0.01	0.01
SRM761	0.36	0.36	0.58	0.01	0.01
SRM762	0.32	0.35	0.35	0.27	0.23
SRM763	0.01	0.01	0.01	0.04	0.01
SRM764	0.01	0.11	0.01	0.14	0.01
SRM765	0.01	0.01	0.02	0.01	0.01
SRM769	1.80	1.80	1.80	0.93	0.93
SRM77	0.38	0.41	0.38	0.42	0.38
SRM770	1.10	1.10	1.27	0.71	0.71
SRM772	0.71	0.71	0.75	0.19	0.18
SRM773	0.04	0.04	0.05	0.01	0.01
SRM774	0.10	0.10	0.19	0.01	0.01
SRM775	0.40	0.40	0.41	0.34	0.33
SRM776	0.34	0.34	0.34	0.16	0.17

SRM78	0.27	0.27	0.34	0.01	0.01
SRM79	0.21	0.22	0.23	0.24	0.20
SRM798	0.70	0.71	0.71	0.33	0.30
SRM80	0.07	0.10	0.07	0.14	0.07
SRM800	0.56	0.56	0.71	0.02	0.01
SRM801	0.60	0.60	0.63	0.22	0.22
SRM802	0.63	0.70	0.63	0.72	0.63
SRM803	0.74	0.77	0.83	0.07	0.02
SRM804	0.68	0.72	0.70	0.47	0.41
SRM805	0.57	0.57	0.68	0.01	0.01
SRM806	0.66	0.66	0.67	0.47	0.44
SRM807	0.52	0.52	0.56	0.23	0.15
SRM808	0.69	0.69	0.76	0.01	0.01
SRM809	0.71	0.71	0.88	0.27	0.27
SRM81	0.01	0.12	0.01	0.16	0.01
SRM810	0.82	0.82	1.56	0.01	0.01
SRM814	3.33	3.40	3.33	1.49	1.41
SRM815	3.33	3.33	3.36	1.54	1.54
SRM816	3.36	3.36	3.41	1.96	1.64
SRM82	1.15	1.15	1.17	1.04	1.03
SRM826	0.01	0.04	0.01	0.33	0.01
SRM83	1.17	1.17	1.23	1.05	1.05
SRM830	0.33	0.33	0.37	0.17	0.01
SRM831	0.01	0.01	0.31	0.01	0.01
SRM833	0.01	0.01	0.26	0.01	0.01
SRM834	0.30	0.48	0.30	1.82	0.30
SRM836	0.72	0.76	1.11	0.51	0.46
SRM836-S	0.01	0.01	3.33	0.01	0.01
SRM838	3.22	3.37	3.24	2.67	1.42
SRM839	1.13	1.17	1.23	0.97	0.93
SRM84	1.13	1.13	1.15	0.99	0.99
SRM840	1.17	1.27	1.17	1.32	1.17
SRM844	2.20	2.20	2.76	0.01	0.01
SRM845	2.01	2.01	2.17	0.01	0.01
SRM846	0.76	0.76	0.86	0.01	0.01
SRM847	0.79	0.79	0.81	0.09	0.10
SRM848	0.85	0.85	0.93	0.05	0.04
SRM849	0.82	0.82	0.84	0.19	0.17
SRM85	1.12	1.12	1.13	0.99	0.99
SRM850	0.65	0.66	0.71	0.03	0.01
SRM851	0.68	0.69	0.69	0.71	0.68
SRM852	0.68	0.68	0.71	0.46	0.45
SRM855	0.02	0.02	0.05	0.05	0.02
SRM858	0.52	0.52	0.63	0.01	0.01
SRM859	1.18	1.88	1.18	1.49	0.82
SRM86	1.11	1.11	1.12	0.97	0.97
SRM863	0.85	0.90	0.85	1.46	0.85
SRM864	1.47	1.50	1.47	0.91	0.68
SRM865	1.22	1.33	1.22	0.91	0.64
SRM866	0.99	1.22	0.99	1.09	0.51
SRM867	0.98	0.99	0.98	0.81	0.42
SRM869	0.97	1.00	0.97	1.00	0.49
SRM870	0.99	0.99	0.99	0.38	0.36
SRM871	0.92	0.93	0.92	0.89	0.48
SRM872	0.92	0.94	0.92	1.31	0.75
SRM873	1.46	1.47	1.47	0.68	0.67
SRM876	1.01	1.01	1.33	0.39	0.36
SRM88	0.58	0.58	0.59	0.52	0.23
SRM880	0.55	0.55	0.85	0.01	0.01
SRM881	0.90	0.92	0.90	1.41	0.80
SRM882	0.78	0.81	0.86	0.28	0.27
SRM883	0.84	0.86	0.89	0.36	0.33
SRM884	0.57	0.57	1.67	0.01	0.01
SRM885	0.89	0.90	0.89	0.78	0.63
SRM886	0.89	0.89	1.68	0.02	0.02
SRM887	0.98	0.98	1.64	0.11	0.11
SRM888	1.33	1.52	1.33	1.10	0.67
SRM889	1.50	1.52	1.50	0.42	0.33
SRM89	3.44	3.47	3.44	1.45	1.39
SRM890	1.50	1.51	1.51	0.20	0.21
SRM891	1.51	1.52	1.51	0.20	0.18
SRM892	0.85	0.86	0.85	0.99	0.85
SRM893	0.86	0.86	0.89	0.01	0.01
SRM89-S	0.01	0.01	3.29	0.01	0.01
SRM9	1.35	1.51	1.35	1.53	1.35

SRM90	0.31	0.31	3.47	0.14	0.14
SRM905	1.19	1.19	1.20	0.62	0.49
SRM905-S	0.01	0.01	3.27	0.01	0.01
SRM906-20171208	0.01	0.21	0.01	0.21	0.01
SRM915	0.57	1.20	0.57	1.37	0.57
SRM92	1.40	1.42	1.56	0.10	0.06
SRM926	1.80	1.95	1.85	1.90	1.71
SRM927	0.01	0.01	0.01	0.05	0.01
SRM93	1.59	1.64	1.59	0.33	0.13
SRM931	0.01	0.01	0.01	0.06	0.01
SRM933	0.01	0.02	0.01	0.05	0.01
SRM934	0.01	0.04	0.01	0.07	0.01
SRM936	0.01	0.01	0.04	0.01	0.01
SRM945	3.99	3.99	4.00	0.09	0.11
SRM946	3.75	3.75	3.99	0.03	0.05
SRM947	0.01	0.01	0.01	0.06	0.01
SRM955	0.01	0.01	0.01	0.01	0.01
SRM959	0.01	0.01	0.04	0.04	0.01
SRM964	0.01	0.01	0.01	0.06	0.01
SRM965	0.01	0.05	0.01	0.14	0.01
SRM966	0.01	0.47	0.01	0.48	0.01
SRM967	0.01	0.01	0.05	0.01	0.01
SRM987	0.01	0.38	0.01	0.40	0.01
SRM988	0.01	0.01	0.01	0.01	0.01
SRM990	0.01	0.01	0.05	0.01	0.01
SRM991	0.01	0.05	0.01	0.09	0.01
SRM992	0.04	0.04	0.07	0.06	0.04
SRM993	0.01	0.01	3.37	0.01	0.01
SRM994	0.01	0.01	0.38	0.01	0.01
SRM995	0.01	0.01	0.11	0.01	0.01
SRM996	0.01	0.14	0.01	0.17	0.01
Vista_Ryders_Ridge	3.99	4.00	3.99	0.01	0.01

****
Pumping Summary
****

Pump	Percent Utilized	Min Number of Start-Ups	Avg Flow LPS	Max Flow LPS	Total Flow LPS	Power Volume LPS	% Time Off Usage 10^6 ltr	Pump Curve Kw-hr	Low High
C18	91.94	1	0.00	498.64	600.00	6.519	46.02	0.0	72.6
P1	91.98	1	0.00	146.13	373.80	1.950	15.09	0.0	100.0

Analysis begun on: Mon Jan 28 11:13:02 2019
Analysis ended on: Mon Jan 28 11:13:49 2019
Total elapsed time: 00:00:47

Proposed System (Year 2100 5 year 2 hour)

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EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.012)
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*************
Element Count
*************
 Number of rain gages ...... 21
Number of subcatchments ... 5699
Number of nodes ........... 1013
Number of links ........... 1602
 Number of pollutants ..... 0
 Number of land uses ...... 0


****************
Raingage Summary
****************
                                Data       Recording
Name                            Data Source                    Type       Interval
-------------------------------------------------------------------------------
2100_Chicago_2h-100yr           2100_Chicago_2h-100yr          INTENSITY   15 min.
2100_Chicago_2h-5yr             2100_Chicago_2h-5yr            INTENSITY   15 min.
Chicago_24h_5Yr(Stantec)        Chicago_24h_5Yr(Stantec)       INTENSITY    5 min.
Red_Deer_100yr_Chicago_12h      Red_Deer_100yr_Chicago_12h     INTENSITY    5 min.
Red_Deer_100yr_Chicago_1h       Red_Deer_100yr_Chicago_1h      INTENSITY    5 min.
Red_Deer_100yr_Chicago_24h      Red_Deer_100yr_Chicago_24h     INTENSITY    5 min.
Red_Deer_100yr_Chicago_2h       Red_Deer_100yr_Chicago_2h      INTENSITY    5 min.
Red_Deer_100yr_Chicago_4h       Red_Deer_100yr_Chicago_4h      INTENSITY    5 min.
Red_Deer_100yr_Chicago_6h       Red_Deer_100yr_Chicago_6h      INTENSITY    5 min.
Red_Deer_2yr_Chicago_12h        Red_Deer_2yr_Chicago_12h       INTENSITY    5 min.
Red_Deer_2yr_Chicago_1h         Red_Deer_2yr_Chicago_1h        INTENSITY    5 min.
Red_Deer_2yr_Chicago_24h        Red_Deer_2yr_Chicago_24h       INTENSITY    5 min.
Red_Deer_2yr_Chicago_2h         Red_Deer_2yr_Chicago_2h        INTENSITY    5 min.
Red_Deer_2yr_Chicago_4h         Red_Deer_2yr_Chicago_4h        INTENSITY    5 min.
Red_Deer_2yr_Chicago_6h         Red_Deer_2yr_Chicago_6h        INTENSITY    5 min.
Red_Deer_5yr_Chicago_12h        Red_Deer_5yr_Chicago_12h       INTENSITY    5 min.
Red_Deer_5yr_Chicago_1h         Red_Deer_5yr_Chicago_1h        INTENSITY    5 min.
Red_Deer_5yr_Chicago_24h        Red_Deer_5yr_Chicago_24h       INTENSITY    5 min.
Red_Deer_5yr_Chicago_2h         Red_Deer_5yr_Chicago_2h        INTENSITY    5 min.
Red_Deer_5yr_Chicago_4h         Red_Deer_5yr_Chicago_4h        INTENSITY    5 min.
Red_Deer_5yr_Chicago_6h         Red_Deer_5yr_Chicago_6h        INTENSITY    5 min.


*********************
Subcatchment Summary
*********************
      Name                        Area     Width    %Imperv    %Slope Rain Gage            Outlet
-------------------------------------------------------------------------------------------------
                                    ---
GC1                             1627.28   4033.96      5.00    5.4500 Red_Deer_5yr_Chicago_2h CULV5475_Inlet
   GC10_1                          0.70     83.58      5.00    9.5100 Red_Deer_5yr_Chicago_2h GCMH148
      GC10_2                       2.09     83.58      5.00    9.5100 Red_Deer_5yr_Chicago_2h
                                   Waterford_Station_Pond2
  GC100                            0.06     15.00     40.00    7.7800 Red_Deer_5yr_Chicago_2h A13STM2275
   GC1000                          0.07     15.00     65.00    3.1400 Red_Deer_5yr_Chicago_2h B13STM225
   GC1001                          0.06     15.00     40.00    3.4200 Red_Deer_5yr_Chicago_2h B14STM38
   GC1002                          0.06     15.00     40.00    2.2100 Red_Deer_5yr_Chicago_2h B13STM240
   GC1003                          0.06     15.00     65.00    4.2200 Red_Deer_5yr_Chicago_2h B13STM226
   GC1004                          0.37     15.00     70.00    3.1800 Red_Deer_5yr_Chicago_2h A13STM45
   GC1005                          0.20     15.00     70.00    2.8800 Red_Deer_5yr_Chicago_2h B7STM176
     GC1006                        0.16     15.00     70.00    2.8600 Red_Deer_5yr_Chicago_2h GCMH3
   GC1007                          0.07     15.00     40.00    4.9700 Red_Deer_5yr_Chicago_2h B16STM674
   GC1008                          0.13     15.00     70.00    3.5300 Red_Deer_5yr_Chicago_2h B17STM677
   GC1009                          0.20     15.00     70.00    2.8300 Red_Deer_5yr_Chicago_2h B8STM191
 GC101                             0.09     15.00     40.00    6.0800 Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
   GC1010                          0.27     15.00     70.00    2.9000 Red_Deer_5yr_Chicago_2h B15STM11
   GC1011                          0.09     15.00     70.00    3.2000 Red_Deer_5yr_Chicago_2h B15STM24
   GC1012                          0.10     15.00     70.00    2.7400 Red_Deer_5yr_Chicago_2h B13STM225
   GC1013                          0.07     15.00     40.00    5.3100 Red_Deer_5yr_Chicago_2h B11STM232
   GC1014                          0.06     15.00     40.00    3.1800 Red_Deer_5yr_Chicago_2h B17STM676
   GC1015                          0.07     15.00     40.00    3.4700 Red_Deer_5yr_Chicago_2h B11STM232
   GC1016                          0.06     15.00     50.00    2.8500 Red_Deer_5yr_Chicago_2h B16STM194
   GC1017                          0.04      8.00     65.00    3.4600 Red_Deer_5yr_Chicago_2h B7STM176
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GC1018	0.08	15.00	40.00	5.1100	Red_Deer_5yr_Chicago_2h B16STM678
GC1019	0.35	15.00	40.00	3.9500	Red_Deer_5yr_Chicago_2h CULV5170
GC102	0.08	15.00	40.00	3.6600	Red_Deer_5yr_Chicago_2h A13STM44
GC1020	0.06	15.00	40.00	4.8200	Red_Deer_5yr_Chicago_2h B16STM192
GC1021	0.08	15.00	40.00	2.9900	Red_Deer_5yr_Chicago_2h B15STM17
GC1022_1	0.63	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h B14STM38
GC1022_2	0.09	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h B14STM38
GC1023	0.07	15.00	40.00	3.5700	Red_Deer_5yr_Chicago_2h B8STM191
GC1024	0.09	15.00	40.00	4.7400	Red_Deer_5yr_Chicago_2h B13STM242
GC1025	0.06	15.00	65.00	2.7300	Red_Deer_5yr_Chicago_2h B13STM226
GC1027	0.06	15.00	40.00	3.9100	Red_Deer_5yr_Chicago_2h B14STM38
GC1028	0.08	15.00	40.00	6.4300	Red_Deer_5yr_Chicago_2h B15STM11
GC1029	0.04	8.00	65.00	2.8300	Red_Deer_5yr_Chicago_2h B7STM175
GC103	0.05	8.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h GCMH132
GC1030	0.04	8.00	65.00	2.9500	Red_Deer_5yr_Chicago_2h B7STM175
GC1031	0.07	15.00	40.00	4.8100	Red_Deer_5yr_Chicago_2h B16STM678
GC1032	0.06	15.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h B15STM195
GC1033	0.27	15.00	70.00	2.8200	Red_Deer_5yr_Chicago_2h B17STM676
GC1034	0.07	15.00	40.00	4.5900	Red_Deer_5yr_Chicago_2h B13STM242
GC1035	0.07	15.00	40.00	4.6800	Red_Deer_5yr_Chicago_2h B11STM232
GC1036	0.07	15.00	40.00	2.9700	Red_Deer_5yr_Chicago_2h B13STM240
GC1037	0.16	15.00	70.00	2.8600	Red_Deer_5yr_Chicago_2h B13STM226
GC1038	0.08	15.00	40.00	3.3700	Red_Deer_5yr_Chicago_2h B8STM190
GC1039	0.06	15.00	40.00	3.8400	Red_Deer_5yr_Chicago_2h B17STM676
GC104	0.04	8.00	50.00	4.4600	Red_Deer_5yr_Chicago_2h A7STM165
GC1040	0.07	15.00	40.00	3.2500	Red_Deer_5yr_Chicago_2h B14STM38
GC1041	0.08	15.00	40.00	5.4400	Red_Deer_5yr_Chicago_2h B16STM678
GC1042	0.05	8.00	65.00	4.0000	Red_Deer_5yr_Chicago_2h B7STM176
GC1043	0.07	15.00	40.00	3.0400	Red_Deer_5yr_Chicago_2h B15STM17
GC1044	0.08	15.00	50.00	5.8900	Red_Deer_5yr_Chicago_2h B16STM671
GC1045	0.07	15.00	40.00	3.1100	Red_Deer_5yr_Chicago_2h B11STM232
GC1046	0.05	15.00	65.00	2.5700	Red_Deer_5yr_Chicago_2h B13STM226
GC1047	0.07	15.00	40.00	4.3400	Red_Deer_5yr_Chicago_2h B16STM678
GC1048	0.03	8.00	65.00	2.8700	Red_Deer_5yr_Chicago_2h B7STM175
GC1049	0.07	15.00	40.00	3.8400	Red_Deer_5yr_Chicago_2h B17STM677
GC105	0.06	15.00	40.00	4.4400	Red_Deer_5yr_Chicago_2h A5STM158
GC1050	0.07	15.00	70.00	2.8000	Red_Deer_5yr_Chicago_2h B16STM194
GC1051	0.03	8.00	65.00	2.3800	Red_Deer_5yr_Chicago_2h B7STM175
GC1052	4.09	202.17	30.00	4.1800	Red_Deer_5yr_Chicago_2h GCMH56
GC1053	0.06	15.00	40.00	4.1000	Red_Deer_5yr_Chicago_2h B13STM242
GC1054	0.23	15.00	70.00	2.8700	Red_Deer_5yr_Chicago_2h B11STM232
GC1055	0.06	15.00	40.00	3.1700	Red_Deer_5yr_Chicago_2h GCMH3
GC1056	0.07	15.00	40.00	2.9800	Red_Deer_5yr_Chicago_2h B17STM677
GC1057	0.06	15.00	50.00	2.6800	Red_Deer_5yr_Chicago_2h B15STM195
GC1058	1.08	34.12	15.00	2.6800	Red_Deer_5yr_Chicago_2h B17STM1072
GC1059	0.06	15.00	65.00	3.7400	Red_Deer_5yr_Chicago_2h B13STM226
GC106	0.06	15.00	40.00	5.5300	Red_Deer_5yr_Chicago_2h A5STM161
GC1060	0.06	15.00	40.00	2.7600	Red_Deer_5yr_Chicago_2h GCMH3
GC1061	0.07	15.00	40.00	3.2800	Red_Deer_5yr_Chicago_2h B15STM11
GC1062	0.07	15.00	40.00	3.4200	Red_Deer_5yr_Chicago_2h B17STM677
GC1063	0.06	15.00	40.00	2.3700	Red_Deer_5yr_Chicago_2h GCMH3
GC1064	0.06	15.00	40.00	2.4700	Red_Deer_5yr_Chicago_2h GCMH3
GC1065	0.06	15.00	40.00	2.7900	Red_Deer_5yr_Chicago_2h GCMH3
GC1066	0.06	15.00	40.00	2.6800	Red_Deer_5yr_Chicago_2h GCMH3
GC1067	0.04	8.00	65.00	3.1400	Red_Deer_5yr_Chicago_2h B7STM176
GC1068	0.04	8.00	65.00	2.9700	Red_Deer_5yr_Chicago_2h B7STM176
GC1069	0.04	8.00	65.00	3.0000	Red_Deer_5yr_Chicago_2h B7STM176
GC107	0.07	15.00	40.00	3.2100	Red_Deer_5yr_Chicago_2h A5STM158
GC1070	0.08	15.00	70.00	2.8600	Red_Deer_5yr_Chicago_2h B16STM671
GC1071	0.07	15.00	40.00	4.1600	Red_Deer_5yr_Chicago_2h B17STM677
GC1072	0.09	15.00	40.00	3.5900	Red_Deer_5yr_Chicago_2h B11STM232
GC1073	0.04	8.00	65.00	3.6000	Red_Deer_5yr_Chicago_2h B7STM176
GC1074	0.06	15.00	40.00	4.2800	Red_Deer_5yr_Chicago_2h B13STM242
GC1075	0.06	15.00	40.00	4.9700	Red_Deer_5yr_Chicago_2h B14STM38
GC1076	0.06	15.00	50.00	6.0600	Red_Deer_5yr_Chicago_2h B16STM671
GC1077	0.06	15.00	40.00	4.2900	Red_Deer_5yr_Chicago_2h B8STM190
GC1078	0.07	15.00	40.00	5.6900	Red_Deer_5yr_Chicago_2h B11STM232
GC1079	0.03	15.00	65.00	3.4800	Red_Deer_5yr_Chicago_2h B13STM226
GC108	0.15	15.00	40.00	4.1400	Red_Deer_5yr_Chicago_2h A13STM2275
GC1080	0.03	8.00	65.00	4.1900	Red_Deer_5yr_Chicago_2h B7STM176
GC1081	0.07	15.00	40.00	3.1300	Red_Deer_5yr_Chicago_2h B15STM11
GC1082	0.05	15.00	65.00	2.5600	Red_Deer_5yr_Chicago_2h B13STM226
GC1083	0.06	15.00	40.00	4.0700	Red_Deer_5yr_Chicago_2h B11STM232
GC1084	0.06	15.00	40.00	3.6200	Red_Deer_5yr_Chicago_2h B11STM232
GC1085	0.06	15.00	40.00	4.0500	Red_Deer_5yr_Chicago_2h B11STM232

GC1086	0.06	15.00	40.00	3.6200	Red_Deer_5yr_Chicago_2h B11STM232
GC1087	0.06	8.00	65.00	4.2400	Red_Deer_5yr_Chicago_2h B7STM176
GC1088	0.06	15.00	40.00	5.2400	Red_Deer_5yr_Chicago_2h B13STM242
GC1089	1.05	55.00	70.00	4.4800	Red_Deer_5yr_Chicago_2h B17STM1083
GC109	0.06	15.00	65.00	4.1700	Red_Deer_5yr_Chicago_2h GCMH5
GC1090	0.04	8.00	65.00	4.3700	Red_Deer_5yr_Chicago_2h B7STM176
GC1091	0.03	8.00	65.00	3.3700	Red_Deer_5yr_Chicago_2h B7STM175
GC1092	0.03	8.00	65.00	3.7000	Red_Deer_5yr_Chicago_2h B7STM175
GC1093	0.07	15.00	40.00	4.6800	Red_Deer_5yr_Chicago_2h B11STM232
GC1094	0.06	15.00	40.00	3.5500	Red_Deer_5yr_Chicago_2h B17STM676
GC1095	0.06	15.00	40.00	5.7500	Red_Deer_5yr_Chicago_2h B13STM242
GC1096	0.06	15.00	40.00	3.1900	Red_Deer_5yr_Chicago_2h B14STM38
GC1097	0.06	15.00	40.00	5.8100	Red_Deer_5yr_Chicago_2h B13STM242
GC1098	0.06	15.00	40.00	4.0100	Red_Deer_5yr_Chicago_2h B14STM38
GC1099	0.06	15.00	40.00	3.3500	Red_Deer_5yr_Chicago_2h B14STM38
GC11	48.30	347.49	5.00	5.0800	Red_Deer_5yr_Chicago_2h GCMH88
GC110	0.05	10.00	50.00	3.0900	Red_Deer_5yr_Chicago_2h GCMH1
GC1100	0.06	15.00	40.00	3.8600	Red_Deer_5yr_Chicago_2h B14STM38
GC1101	0.07	15.00	50.00	3.2700	Red_Deer_5yr_Chicago_2h B15STM195
GC1102	0.06	15.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h B15STM11
GC1103	0.06	15.00	40.00	4.3000	Red_Deer_5yr_Chicago_2h B14STM38
GC1104	0.03	15.00	65.00	3.3800	Red_Deer_5yr_Chicago_2h B13STM226
GC1105	0.06	15.00	40.00	4.1900	Red_Deer_5yr_Chicago_2h B15STM11
GC1106	0.06	15.00	40.00	3.6300	Red_Deer_5yr_Chicago_2h B15STM11
GC1107	0.06	15.00	40.00	3.2500	Red_Deer_5yr_Chicago_2h B15STM11
GC1108	0.11	15.00	40.00	5.1200	Red_Deer_5yr_Chicago_2h B15STM11
GC1109	0.06	15.00	50.00	5.4500	Red_Deer_5yr_Chicago_2h B16STM672
GC111	0.07	15.00	65.00	4.5600	Red_Deer_5yr_Chicago_2h GCMH5
GC1110	0.09	15.00	40.00	3.3700	Red_Deer_5yr_Chicago_2h B13STM240
GC1111	0.06	15.00	40.00	4.5300	Red_Deer_5yr_Chicago_2h B13STM242
GC1112	0.03	15.00	65.00	4.4300	Red_Deer_5yr_Chicago_2h B13STM216
GC1113	0.36	15.00	70.00	3.0500	Red_Deer_5yr_Chicago_2h B11STM232
GC1114	0.07	15.00	40.00	3.3900	Red_Deer_5yr_Chicago_2h B11STM232
GC1115	0.09	15.00	40.00	2.9400	Red_Deer_5yr_Chicago_2h B14STM38
GC1116	0.07	15.00	40.00	3.9600	Red_Deer_5yr_Chicago_2h B15STM11
GC1117	0.05	15.00	40.00	3.1500	Red_Deer_5yr_Chicago_2h B14STM38
GC1118	0.03	15.00	65.00	2.9800	Red_Deer_5yr_Chicago_2h B13STM226
GC1119	0.09	15.00	40.00	3.1500	Red_Deer_5yr_Chicago_2h B8STM190
GC112	0.05	8.00	50.00	3.7400	Red_Deer_5yr_Chicago_2h A7STM165
GC1120	0.19	15.00	40.00	3.7800	Red_Deer_5yr_Chicago_2h CULV5170
GC1121	0.22	23.29	5.00	7.2400	Red_Deer_5yr_Chicago_2h GCMH92
GC1122	0.03	8.00	65.00	2.8100	Red_Deer_5yr_Chicago_2h B7STM175
GC1123	0.03	8.00	65.00	2.4800	Red_Deer_5yr_Chicago_2h B7STM175
GC1124	0.03	15.00	65.00	2.5100	Red_Deer_5yr_Chicago_2h B13STM216
GC1125	0.05	15.00	50.00	6.2700	Red_Deer_5yr_Chicago_2h B16STM672
GC1126	0.06	15.00	50.00	3.0700	Red_Deer_5yr_Chicago_2h B15STM197
GC1127	0.03	15.00	65.00	3.5900	Red_Deer_5yr_Chicago_2h B13STM226
GC1128	0.06	15.00	40.00	4.5600	Red_Deer_5yr_Chicago_2h B14STM38
GC1129	0.07	15.00	40.00	5.3400	Red_Deer_5yr_Chicago_2h B11STM232
GC113	0.06	8.00	50.00	4.1800	Red_Deer_5yr_Chicago_2h GCMH132
GC1130	0.03	15.00	65.00	2.4300	Red_Deer_5yr_Chicago_2h B13STM216
GC1131	0.11	15.00	70.00	2.5400	Red_Deer_5yr_Chicago_2h B13STM224
GC1132	0.06	15.00	40.00	3.5400	Red_Deer_5yr_Chicago_2h B8STM190
GC1133	0.03	15.00	65.00	2.9000	Red_Deer_5yr_Chicago_2h B13STM226
GC1134	0.06	15.00	40.00	2.8400	Red_Deer_5yr_Chicago_2h B17STM676
GC1135	0.05	15.00	50.00	5.8200	Red_Deer_5yr_Chicago_2h B16STM672
GC1136	0.03	15.00	65.00	2.1900	Red_Deer_5yr_Chicago_2h B13STM216
GC1137	0.03	8.00	65.00	3.0700	Red_Deer_5yr_Chicago_2h B7STM175
GC1138	0.06	15.00	50.00	3.4100	Red_Deer_5yr_Chicago_2h B15STM197
GC1139	0.03	8.00	65.00	2.4700	Red_Deer_5yr_Chicago_2h B7STM175
GC114	0.06	15.00	65.00	3.6800	Red_Deer_5yr_Chicago_2h GCMH5
GC1140	0.28	15.00	70.00	2.5500	Red_Deer_5yr_Chicago_2h B7STM175
GC1141	0.31	15.00	40.00	5.1200	Red_Deer_5yr_Chicago_2h CULV5170
GC1142	0.10	15.00	70.00	2.4400	Red_Deer_5yr_Chicago_2h B15STM195
GC1143	0.03	15.00	65.00	3.4300	Red_Deer_5yr_Chicago_2h B13STM226
GC1144	0.04	15.00	65.00	2.4800	Red_Deer_5yr_Chicago_2h B13STM216
GC1145	0.05	15.00	50.00	6.5200	Red_Deer_5yr_Chicago_2h B16STM672
GC1146	0.11	15.00	70.00	3.3800	Red_Deer_5yr_Chicago_2h B15STM12
GC1147	0.04	15.00	65.00	2.3500	Red_Deer_5yr_Chicago_2h B13STM216
GC1148	0.03	15.00	65.00	2.7700	Red_Deer_5yr_Chicago_2h B13STM226
GC1149	0.09	15.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h B11STM232
GC115	0.07	15.00	65.00	3.1500	Red_Deer_5yr_Chicago_2h A5STM160
GC1150	0.20	15.00	40.00	3.4900	Red_Deer_5yr_Chicago_2h CULV5170
GC1151	0.08	15.00	40.00	4.4200	Red_Deer_5yr_Chicago_2h B7STM184
GC1152	0.09	15.00	40.00	2.8500	Red_Deer_5yr_Chicago_2h B7STM184

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GC1153          0.06    15.00    50.00    3.2800 Red_Deer_5yr_Chicago_2h B15STM197
GC1154          0.05    15.00    50.00    6.0000 Red_Deer_5yr_Chicago_2h B16STM672
 GC1155         0.06    15.00    40.00    2.6900 Red_Deer_5yr_Chicago_2h B8STM190
 GC1156         0.08    15.00    40.00    3.4400 Red_Deer_5yr_Chicago_2h C6STM180
GC1157          0.06    15.00    40.00    4.9800 Red_Deer_5yr_Chicago_2h B11STM232
GC1158          0.03    15.00    65.00    2.6800 Red_Deer_5yr_Chicago_2h B13STM216
 GC1159         0.03     8.00    65.00    2.5800 Red_Deer_5yr_Chicago_2h B7STM175
 GC116          0.06    15.00    65.00    3.6500 Red_Deer_5yr_Chicago_2h A5STM160
 GC1160         0.03     8.00    65.00    2.0900 Red_Deer_5yr_Chicago_2h B7STM175
GC1161          0.03    15.00    65.00    3.6200 Red_Deer_5yr_Chicago_2h B13STM226
GC1162          0.05    15.00    50.00    6.3000 Red_Deer_5yr_Chicago_2h B16STM672
GC1163          0.06    15.00    40.00    2.9800 Red_Deer_5yr_Chicago_2h B17STM676
GC1164          0.03    15.00    65.00    2.7600 Red_Deer_5yr_Chicago_2h B13STM216
 GC1165         0.11    15.00    40.00    3.4900 Red_Deer_5yr_Chicago_2h C6STM180
GC1166          0.35    15.00    70.00    3.0000 Red_Deer_5yr_Chicago_2h B16STM194
GC1167          0.05    15.00    50.00    3.5200 Red_Deer_5yr_Chicago_2h B15STM197
GC1168          0.05    15.00    50.00    6.3000 Red_Deer_5yr_Chicago_2h B16STM672
 GC1169         0.06    15.00    40.00    3.1000 Red_Deer_5yr_Chicago_2h B8STM190
 GC117          0.25    15.00    70.00    3.1300 Red_Deer_5yr_Chicago_2h A5STM158
GC1170          0.03    15.00    65.00    2.8500 Red_Deer_5yr_Chicago_2h B13STM224
 GC1171         0.11    15.00    40.00    3.1600 Red_Deer_5yr_Chicago_2h C6STM180
GC1172          0.23    15.00    70.00    2.7100 Red_Deer_5yr_Chicago_2h B16STM672
GC1173          0.03    15.00    65.00    3.1200 Red_Deer_5yr_Chicago_2h B13STM215
 GC1174         0.12    15.00    40.00    2.7000 Red_Deer_5yr_Chicago_2h B7STM184
GC1175          0.06    15.00    50.00    4.6500 Red_Deer_5yr_Chicago_2h B16STM672
GC1176          0.06    15.00    50.00    3.7400 Red_Deer_5yr_Chicago_2h B17STM673
GC1177          0.03    15.00    65.00    2.5100 Red_Deer_5yr_Chicago_2h B13STM215
GC1178          0.06    15.00    50.00    3.4100 Red_Deer_5yr_Chicago_2h B17STM673
GC1179          0.06    15.00    50.00    2.9200 Red_Deer_5yr_Chicago_2h B15STM197
   GC118          0.06    15.00    65.00    3.3700 Red_Deer_5yr_Chicago_2h GCMH5
 GC1180         0.03     8.00    65.00    3.2700 Red_Deer_5yr_Chicago_2h B7STM175
 GC1181         0.03     8.00    65.00    2.4400 Red_Deer_5yr_Chicago_2h B7STM175
GC1182          0.12    15.00    40.00    3.1200 Red_Deer_5yr_Chicago_2h B12STM220
GC1183          0.06    15.00    50.00    2.6000 Red_Deer_5yr_Chicago_2h B17STM673
GC1184          0.03    15.00    65.00    2.8700 Red_Deer_5yr_Chicago_2h B13STM224
GC1185          0.05    15.00    65.00    2.8100 Red_Deer_5yr_Chicago_2h B13STM215
GC1186          0.06    15.00    50.00    3.2600 Red_Deer_5yr_Chicago_2h B15STM197
GC1187          0.05    15.00    65.00    3.0600 Red_Deer_5yr_Chicago_2h B13STM215
GC1188          0.03    15.00    65.00    2.8700 Red_Deer_5yr_Chicago_2h B13STM224
GC1189          0.05    15.00    65.00    3.2200 Red_Deer_5yr_Chicago_2h B13STM215
   GC119          0.06    15.00    65.00    3.7700 Red_Deer_5yr_Chicago_2h GCMH5
 GC1190         0.06    15.00    40.00    2.9200 Red_Deer_5yr_Chicago_2h B8STM190
GC1191          0.06    15.00    50.00    3.3900 Red_Deer_5yr_Chicago_2h B15STM199
 GC1192         0.11    15.00    40.00    2.9100 Red_Deer_5yr_Chicago_2h B7STM184
GC1193          0.05    15.00    65.00    3.0900 Red_Deer_5yr_Chicago_2h B14STM214
GC1194          0.06    15.00    65.00    3.4100 Red_Deer_5yr_Chicago_2h B14STM214
GC1195          0.05    15.00    65.00    3.3400 Red_Deer_5yr_Chicago_2h B14STM214
GC1196          0.05    15.00    65.00    3.3700 Red_Deer_5yr_Chicago_2h B13STM215
GC1197          0.05    15.00    65.00    4.3000 Red_Deer_5yr_Chicago_2h B14STM214
GC1198          0.06    15.00    65.00    2.9500 Red_Deer_5yr_Chicago_2h B14STM204
GC1199          0.05    15.00    65.00    3.5500 Red_Deer_5yr_Chicago_2h B14STM214
     GC12_2    19.05   350.00    65.00    4.1300 Red_Deer_5yr_Chicago_2h
                   Waterford_Station_Pond1
     GC12_3     8.35   350.00    65.00    4.1300 Red_Deer_5yr_Chicago_2h
                   Waterford_Station_Pond3
     GC12_4    24.59   350.00    65.00    4.1300 Red_Deer_5yr_Chicago_2h
                   Waterford_Station_Pond2
GC120           1.97    80.46    30.00    5.4200 Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
  GC1200        0.05    15.00    65.00    3.1600 Red_Deer_5yr_Chicago_2h B13STM215
  GC1201        0.05    15.00    65.00    2.9800 Red_Deer_5yr_Chicago_2h B14STM214
  GC1202        0.05    15.00    65.00    3.2500 Red_Deer_5yr_Chicago_2h B14STM214
  GC1203        0.05    15.00    65.00    3.5000 Red_Deer_5yr_Chicago_2h B14STM204
  GC1204        0.05    15.00    65.00    4.3200 Red_Deer_5yr_Chicago_2h B14STM204
  GC1205        0.05    15.00    65.00    3.6300 Red_Deer_5yr_Chicago_2h B14STM204
  GC1206        0.05    15.00    65.00    3.6500 Red_Deer_5yr_Chicago_2h B14STM204
  GC1207        0.05    15.00    65.00    3.7500 Red_Deer_5yr_Chicago_2h B14STM204
  GC1208        0.05    15.00    65.00    5.1900 Red_Deer_5yr_Chicago_2h B14STM204
    GC1209      0.05    15.00    65.00    4.2800 Red_Deer_5yr_Chicago_2h GCMH95
  GC121         0.21    15.00    70.00    2.9400 Red_Deer_5yr_Chicago_2h A12STM53
    GC1210      0.05    15.00    65.00    4.2600 Red_Deer_5yr_Chicago_2h GCMH95
    GC1211      0.05    15.00    65.00    4.2400 Red_Deer_5yr_Chicago_2h GCMH95
  GC1212        0.03     8.00    65.00    3.5300 Red_Deer_5yr_Chicago_2h B7STM175
    GC1213      0.05    15.00    50.00    6.5000 Red_Deer_5yr_Chicago_2h GCMH95
  GC1214        0.03     8.00    65.00    2.7500 Red_Deer_5yr_Chicago_2h B7STM175
  GC1215        0.03    15.00    65.00    2.2800 Red_Deer_5yr_Chicago_2h B13STM224
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GC1216	0.05	15.00	50.00	5.4300	Red_Deer_5yr_Chicago_2h GCMH95
GC1217	0.06	15.00	50.00	5.3600	Red_Deer_5yr_Chicago_2h GCMH95
GC1218	0.06	15.00	50.00	5.4300	Red_Deer_5yr_Chicago_2h GCMH95
GC1219	0.05	15.00	50.00	6.0800	Red_Deer_5yr_Chicago_2h GCMH95
GC122	0.06	15.00	40.00	6.7400	Red_Deer_5yr_Chicago_2h A15STM3
GC1220	0.06	15.00	50.00	3.9500	Red_Deer_5yr_Chicago_2h B15STM199
GC1221	0.05	15.00	50.00	5.4300	Red_Deer_5yr_Chicago_2h GCMH95
GC1222	0.05	15.00	50.00	5.6600	Red_Deer_5yr_Chicago_2h B15STM199
GC1223	0.19	15.00	40.00	3.5300	Red_Deer_5yr_Chicago_2h CULV5170
GC1224	0.06	15.00	40.00	3.8500	Red_Deer_5yr_Chicago_2h B12STM220
GC1225	0.06	15.00	40.00	2.7000	Red_Deer_5yr_Chicago_2h B17STM676
GC1226	0.05	15.00	50.00	4.6400	Red_Deer_5yr_Chicago_2h B15STM199
GC1227	0.07	15.00	40.00	5.2700	Red_Deer_5yr_Chicago_2h B11STM232
GC1228	0.17	15.00	70.00	2.6100	Red_Deer_5yr_Chicago_2h B13STM216
GC1229	0.03	15.00	65.00	2.5500	Red_Deer_5yr_Chicago_2h B13STM224
GC123	0.04	8.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h A7STM165
GC1230	0.06	15.00	40.00	2.8500	Red_Deer_5yr_Chicago_2h B8STM190
GC1231	0.33	15.00	40.00	3.7000	Red_Deer_5yr_Chicago_2h CULV5170
GC1232	0.16	15.00	40.00	3.5100	Red_Deer_5yr_Chicago_2h B11STM232
GC1233	0.07	15.00	40.00	3.5300	Red_Deer_5yr_Chicago_2h C6STM180
GC1234	0.36	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h B16STM671
GC1235	0.06	15.00	40.00	4.7400	Red_Deer_5yr_Chicago_2h B11STM232
GC1236	0.07	15.00	40.00	4.6600	Red_Deer_5yr_Chicago_2h B11STM232
GC1237	0.06	15.00	40.00	4.6100	Red_Deer_5yr_Chicago_2h B11STM232
GC1238	0.06	15.00	40.00	4.6000	Red_Deer_5yr_Chicago_2h B11STM232
GC1239	0.03	15.00	65.00	4.4900	Red_Deer_5yr_Chicago_2h B13STM224
GC124	0.06	8.00	50.00	3.7100	Red_Deer_5yr_Chicago_2h GCMH1
GC1240	0.03	8.00	65.00	2.7000	Red_Deer_5yr_Chicago_2h B7STM175
GC1241	0.07	15.00	40.00	3.8800	Red_Deer_5yr_Chicago_2h B11STM232
GC1242	0.03	8.00	65.00	2.8200	Red_Deer_5yr_Chicago_2h B7STM175
GC1243	0.07	15.00	40.00	2.7600	Red_Deer_5yr_Chicago_2h B12STM220
GC1244	0.06	15.00	40.00	4.3900	Red_Deer_5yr_Chicago_2h B11STM232
GC1245	0.11	15.00	70.00	2.4900	Red_Deer_5yr_Chicago_2h GCMH96
GC1246	0.07	15.00	40.00	4.8300	Red_Deer_5yr_Chicago_2h B11STM232
GC1247	0.07	15.00	40.00	2.7000	Red_Deer_5yr_Chicago_2h B7STM184
GC1248	0.07	15.00	40.00	3.1700	Red_Deer_5yr_Chicago_2h B11STM232
GC1249	0.13	15.00	70.00	2.7300	Red_Deer_5yr_Chicago_2h GCMH67
GC125	0.07	15.00	40.00	5.8500	Red_Deer_5yr_Chicago_2h A15STM2
GC1250	0.03	15.00	65.00	3.2600	Red_Deer_5yr_Chicago_2h B13STM216
GC1251	0.06	15.00	40.00	3.0700	Red_Deer_5yr_Chicago_2h C6STM180
GC1252	0.20	22.54	5.00	5.1800	Red_Deer_5yr_Chicago_2h CULV5170
GC1253	0.06	15.00	40.00	3.3700	Red_Deer_5yr_Chicago_2h C13STM219
GC1254	0.06	15.00	40.00	2.2800	Red_Deer_5yr_Chicago_2h B8STM190
GC1255	0.20	15.00	70.00	2.5000	Red_Deer_5yr_Chicago_2h B18STM1084
GC1256	0.24	15.00	70.00	2.4600	Red_Deer_5yr_Chicago_2h B17STM673
GC1257	0.03	8.00	65.00	3.0800	Red_Deer_5yr_Chicago_2h B7STM175
GC1258	0.03	8.00	65.00	2.4600	Red_Deer_5yr_Chicago_2h B7STM175
GC1259	0.04	15.00	65.00	3.0700	Red_Deer_5yr_Chicago_2h B13STM216
GC126	0.08	15.00	65.00	4.2800	Red_Deer_5yr_Chicago_2h GCMH5
GC1260	0.18	15.00	70.00	2.3500	Red_Deer_5yr_Chicago_2h B17STM1072
GC1261	0.10	15.00	70.00	4.0200	Red_Deer_5yr_Chicago_2h B15STM197
GC1262	0.09	15.00	70.00	2.4600	Red_Deer_5yr_Chicago_2h B17STM1071
GC1263	0.06	15.00	40.00	2.7100	Red_Deer_5yr_Chicago_2h C13STM219
GC1264	0.71	15.00	70.00	4.0000	Red_Deer_5yr_Chicago_2h GCMH146
GC1265	0.06	15.00	40.00	3.5300	Red_Deer_5yr_Chicago_2h B8STM190
GC1266	0.04	15.00	65.00	3.0400	Red_Deer_5yr_Chicago_2h B13STM216
GC1267	0.18	15.00	70.00	2.6700	Red_Deer_5yr_Chicago_2h B13STM215
GC1268	0.06	15.00	40.00	2.8700	Red_Deer_5yr_Chicago_2h B7STM184
GC1269	0.10	15.00	50.00	5.1700	Red_Deer_5yr_Chicago_2h GCMH96
GC127	0.05	15.00	40.00	4.1400	Red_Deer_5yr_Chicago_2h A5STM161
GC1270	0.03	8.00	65.00	3.1100	Red_Deer_5yr_Chicago_2h B7STM175
GC1271	0.03	8.00	65.00	2.0600	Red_Deer_5yr_Chicago_2h B7STM175
GC1272	0.06	15.00	40.00	3.6300	Red_Deer_5yr_Chicago_2h B12STM220
GC1273	0.04	15.00	65.00	3.0100	Red_Deer_5yr_Chicago_2h B13STM216
GC1274	0.05	15.00	40.00	3.6700	Red_Deer_5yr_Chicago_2h C6STM180
GC1275	0.29	15.00	70.00	2.6600	Red_Deer_5yr_Chicago_2h B14STM214
GC1276	0.14	15.00	70.00	2.5200	Red_Deer_5yr_Chicago_2h B15STM199
GC1277	0.22	15.00	70.00	3.1500	Red_Deer_5yr_Chicago_2h B14STM204
GC1278	0.21	23.03	5.00	3.5700	Red_Deer_5yr_Chicago_2h C7STM178
GC1279	0.25	15.00	70.00	3.2800	Red_Deer_5yr_Chicago_2h GCMH95
GC128	0.06	15.00	40.00	4.3900	Red_Deer_5yr_Chicago_2h A13STM54
GC1280	0.06	15.00	40.00	2.7700	Red_Deer_5yr_Chicago_2h B7STM184
GC1281	0.06	15.00	40.00	2.9400	Red_Deer_5yr_Chicago_2h B8STM190
GC1282	0.10	15.00	50.00	5.2100	Red_Deer_5yr_Chicago_2h GCMH96
GC1283	0.06	15.00	40.00	2.4600	Red_Deer_5yr_Chicago_2h C13STM219

GC1284	0.37	15.00	70.00	2.8500	Red_Deer_5yr_Chicago_2h B15STM197
GC1285	0.04	15.00	65.00	3.1600	Red_Deer_5yr_Chicago_2h B13STM216
GC1286	0.07	15.00	70.00	2.8000	Red_Deer_5yr_Chicago_2h GCMH44
GC1287	0.06	15.00	40.00	2.9100	Red_Deer_5yr_Chicago_2h C6STM180
GC1288	0.65	40.18	5.00	3.2900	Red_Deer_5yr_Chicago_2h CULV5170
GC1289	0.03	8.00	65.00	3.0200	Red_Deer_5yr_Chicago_2h B7STM175
GC129	0.05	8.00	50.00	3.8800	Red_Deer_5yr_Chicago_2h GCMH132
GC1290	0.03	8.00	65.00	2.2800	Red_Deer_5yr_Chicago_2h B7STM175
GC1291	0.04	15.00	65.00	2.5400	Red_Deer_5yr_Chicago_2h B13STM216
GC1292	0.19	15.00	40.00	3.7200	Red_Deer_5yr_Chicago_2h CULV5170
GC1293	0.07	15.00	50.00	3.4100	Red_Deer_5yr_Chicago_2h B16STM672
GC1294	0.06	15.00	40.00	3.2200	Red_Deer_5yr_Chicago_2h C13STM219
GC1295	0.05	15.00	50.00	5.8400	Red_Deer_5yr_Chicago_2h C16STM1085
GC1296	0.06	15.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h B16STM672
GC1297	0.06	15.00	40.00	3.2700	Red_Deer_5yr_Chicago_2h B8STM190
GC1298	0.06	15.00	40.00	3.1000	Red_Deer_5yr_Chicago_2h B7STM184
GC1299	0.05	15.00	65.00	2.9400	Red_Deer_5yr_Chicago_2h B13STM216
GC13	1.77	15.00	70.00	7.3000	Red_Deer_5yr_Chicago_2h CULV5475_Inlet
GC130	0.06	15.00	40.00	6.0700	Red_Deer_5yr_Chicago_2h A13STM2272
GC1300	0.10	15.00	70.00	4.6500	Red_Deer_5yr_Chicago_2h B15STM197
GC1301	0.17	15.00	70.00	2.6100	Red_Deer_5yr_Chicago_2h C6STM180
GC1302	0.09	15.00	40.00	3.2900	Red_Deer_5yr_Chicago_2h B12STM220
GC1303	0.08	15.00	40.00	5.7300	Red_Deer_5yr_Chicago_2h C11STM234
GC1304	0.06	15.00	50.00	2.4300	Red_Deer_5yr_Chicago_2h B16STM672
GC1305	0.06	15.00	40.00	3.7600	Red_Deer_5yr_Chicago_2h C6STM180
GC1306	0.09	15.00	70.00	3.6100	Red_Deer_5yr_Chicago_2h B15STM197
GC1307	0.03	8.00	65.00	3.7700	Red_Deer_5yr_Chicago_2h B7STM177
GC1308	0.03	8.00	65.00	2.9300	Red_Deer_5yr_Chicago_2h B7STM177
GC1309	0.07	15.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h B17STM673
GC131	1.27	55.00	40.00	3.0600	Red_Deer_5yr_Chicago_2h A16STM689
GC1310	0.06	15.00	40.00	2.7500	Red_Deer_5yr_Chicago_2h B7STM184
GC1311	0.06	15.00	40.00	3.1100	Red_Deer_5yr_Chicago_2h B8STM190
GC1312	0.17	15.00	40.00	4.2600	Red_Deer_5yr_Chicago_2h C11STM234
GC1313	0.07	15.00	40.00	6.3800	Red_Deer_5yr_Chicago_2h C11STM234
GC1314	0.06	15.00	50.00	2.4200	Red_Deer_5yr_Chicago_2h B17STM673
GC1315	0.05	15.00	50.00	6.3600	Red_Deer_5yr_Chicago_2h C16STM1085
GC1316	0.06	15.00	40.00	2.5200	Red_Deer_5yr_Chicago_2h C13STM219
GC1317	0.10	15.00	50.00	2.5200	Red_Deer_5yr_Chicago_2h B17STM673
GC1318	0.06	15.00	40.00	3.4300	Red_Deer_5yr_Chicago_2h C6STM180
GC1319	0.07	15.00	50.00	2.7000	Red_Deer_5yr_Chicago_2h B17STM673
GC132	1.34	55.00	40.00	3.1200	Red_Deer_5yr_Chicago_2h A16STM687
GC1320	0.07	15.00	40.00	6.1200	Red_Deer_5yr_Chicago_2h C11STM234
GC1321	0.09	15.00	40.00	6.4300	Red_Deer_5yr_Chicago_2h C11STM234
GC1322	0.08	15.00	40.00	5.3500	Red_Deer_5yr_Chicago_2h C11STM234
GC1323	0.08	15.00	40.00	6.0900	Red_Deer_5yr_Chicago_2h GCMH146
GC1324	0.08	15.00	40.00	5.8500	Red_Deer_5yr_Chicago_2h GCMH146
GC1325	0.06	15.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h B17STM673
GC1326	0.07	15.00	50.00	2.4800	Red_Deer_5yr_Chicago_2h B17STM673
GC1327	0.09	15.00	50.00	5.4500	Red_Deer_5yr_Chicago_2h GCMH96
GC1328	0.09	15.00	40.00	5.2200	Red_Deer_5yr_Chicago_2h GCMH146
GC1329	0.03	8.00	65.00	3.4000	Red_Deer_5yr_Chicago_2h B7STM177
GC133	1.31	55.00	40.00	4.1400	Red_Deer_5yr_Chicago_2h A15STM691
GC1330	0.03	8.00	65.00	2.3500	Red_Deer_5yr_Chicago_2h B7STM177
GC1331	0.05	15.00	50.00	5.3400	Red_Deer_5yr_Chicago_2h C16STM1085
GC1332	0.40	15.00	70.00	2.7500	Red_Deer_5yr_Chicago_2h B8STM190
GC1333	0.10	15.00	40.00	4.3400	Red_Deer_5yr_Chicago_2h CULV5170
GC1334	0.06	15.00	40.00	3.9000	Red_Deer_5yr_Chicago_2h B7STM184
GC1335	0.41	18.19	80.00	2.3400	Red_Deer_5yr_Chicago_2h J67
GC1336	0.44	15.00	70.00	2.3400	Red_Deer_5yr_Chicago_2h B17STM1082
GC1337	0.06	10.00	50.00	3.9100	Red_Deer_5yr_Chicago_2h B15STM199
GC1338	0.06	15.00	40.00	2.4800	Red_Deer_5yr_Chicago_2h C13STM219
GC1339	0.07	15.00	40.00	2.7400	Red_Deer_5yr_Chicago_2h C13STM219
GC134	0.06	15.00	40.00	4.1600	Red_Deer_5yr_Chicago_2h A14STM32
GC1340	0.05	15.00	65.00	5.0000	Red_Deer_5yr_Chicago_2h B14STM214
GC1341	0.05	10.00	50.00	3.4100	Red_Deer_5yr_Chicago_2h B15STM199
GC1342	0.05	15.00	65.00	3.3200	Red_Deer_5yr_Chicago_2h B14STM204
GC1343	0.06	15.00	40.00	3.3400	Red_Deer_5yr_Chicago_2h B8STM190
GC1344	0.05	15.00	65.00	3.1300	Red_Deer_5yr_Chicago_2h B14STM204
GC1345	0.05	15.00	65.00	3.8400	Red_Deer_5yr_Chicago_2h B14STM204
GC1346	0.05	15.00	65.00	3.5900	Red_Deer_5yr_Chicago_2h B14STM204
GC1347	0.05	15.00	65.00	3.6300	Red_Deer_5yr_Chicago_2h B14STM204
GC1348	0.04	10.00	50.00	3.6200	Red_Deer_5yr_Chicago_2h GCMH95
GC1349	0.04	10.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h GCMH95
GC135	0.04	10.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h GCMH1
GC1350	0.04	10.00	50.00	5.0100	Red_Deer_5yr_Chicago_2h GCMH95

GC1351	0.05	10.00	50.00	3.4400	Red_Deer_5yr_Chicago_2h B15STM199
GC1352	0.04	10.00	50.00	3.7300	Red_Deer_5yr_Chicago_2h GCMH95
GC1353	0.04	10.00	50.00	3.8300	Red_Deer_5yr_Chicago_2h GCMH95
GC1354	0.04	10.00	50.00	3.5400	Red_Deer_5yr_Chicago_2h GCMH95
GC1355	0.04	10.00	50.00	3.8500	Red_Deer_5yr_Chicago_2h GCMH95
GC1356	0.04	15.00	65.00	3.8000	Red_Deer_5yr_Chicago_2h GCMH95
GC1357	0.04	15.00	65.00	3.9700	Red_Deer_5yr_Chicago_2h GCMH95
GC1358	0.04	15.00	65.00	3.8000	Red_Deer_5yr_Chicago_2h GCMH95
GC1359	0.05	15.00	65.00	3.6300	Red_Deer_5yr_Chicago_2h B14STM204
GC136	0.51	35.85	5.00	8.4400	Red_Deer_5yr_Chicago_2h CULV5170
GC1360	0.05	10.00	50.00	2.7100	Red_Deer_5yr_Chicago_2h B15STM199
GC1361	0.04	15.00	65.00	4.5800	Red_Deer_5yr_Chicago_2h GCMH95
GC1362	0.04	10.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h GCMH95
GC1363	0.04	10.00	50.00	3.5300	Red_Deer_5yr_Chicago_2h B15STM199
GC1364	0.05	15.00	50.00	4.5400	Red_Deer_5yr_Chicago_2h C16STM1085
GC1365	0.13	15.00	70.00	2.5400	Red_Deer_5yr_Chicago_2h C17STM1090
GC1366	0.06	15.00	40.00	3.3300	Red_Deer_5yr_Chicago_2h B7STM184
GC1367	0.06	15.00	40.00	2.7200	Red_Deer_5yr_Chicago_2h B8STM190
GC1368	0.07	15.00	40.00	4.1200	Red_Deer_5yr_Chicago_2h B12STM220
GC1369	0.07	15.00	40.00	3.2200	Red_Deer_5yr_Chicago_2h C6STM180
GC137	3.81	95.09	15.00	4.2300	Red_Deer_5yr_Chicago_2h J19
GC1370	0.03	8.00	65.00	3.5200	Red_Deer_5yr_Chicago_2h B7STM177
GC1371	0.03	8.00	65.00	2.2300	Red_Deer_5yr_Chicago_2h B7STM177
GC1372	0.06	15.00	40.00	3.3300	Red_Deer_5yr_Chicago_2h C13STM219
GC1373	0.81	15.00	70.00	4.6400	Red_Deer_5yr_Chicago_2h CULV5170
GC1374	0.07	15.00	40.00	3.5400	Red_Deer_5yr_Chicago_2h C13STM219
GC1375	0.28	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h C13STM219
GC1376	0.09	15.00	70.00	3.8800	Red_Deer_5yr_Chicago_2h B15STM197
GC1377	0.07	15.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h C6STM180
GC1378	0.06	15.00	50.00	3.3000	Red_Deer_5yr_Chicago_2h C16STM1085
GC1379	0.08	15.00	70.00	3.7100	Red_Deer_5yr_Chicago_2h B15STM197
GC138	0.04	8.00	50.00	3.8800	Red_Deer_5yr_Chicago_2h A7STM165
GC1380	0.23	15.00	40.00	4.9500	Red_Deer_5yr_Chicago_2h CULV5170
GC1381	0.06	15.00	40.00	2.7200	Red_Deer_5yr_Chicago_2h C13STM219
GC1382	0.06	15.00	40.00	3.1700	Red_Deer_5yr_Chicago_2h B7STM184
GC1383	0.03	8.00	65.00	3.7900	Red_Deer_5yr_Chicago_2h B7STM177
GC1384	0.03	8.00	65.00	2.7600	Red_Deer_5yr_Chicago_2h B7STM177
GC1385	0.10	15.00	40.00	4.2100	Red_Deer_5yr_Chicago_2h C11STM234
GC1386	0.19	15.00	70.00	2.4500	Red_Deer_5yr_Chicago_2h C16STM1085
GC1387	0.07	15.00	40.00	2.9600	Red_Deer_5yr_Chicago_2h C13STM219
GC1388	0.07	15.00	50.00	6.2800	Red_Deer_5yr_Chicago_2h GCMH39
GC1389	0.06	15.00	40.00	2.3000	Red_Deer_5yr_Chicago_2h B8STM190
GC139	0.06	15.00	40.00	3.9600	Red_Deer_5yr_Chicago_2h A5STM158
GC1390	0.07	15.00	40.00	2.3700	Red_Deer_5yr_Chicago_2h C13STM219
GC1391	0.13	15.00	70.00	3.1900	Red_Deer_5yr_Chicago_2h C14STM207
GC1392	0.07	15.00	40.00	3.3900	Red_Deer_5yr_Chicago_2h C12STM221
GC1393	0.06	15.00	40.00	3.4400	Red_Deer_5yr_Chicago_2h B7STM184
GC1394	0.06	15.00	40.00	2.6900	Red_Deer_5yr_Chicago_2h B8STM190
GC1395	0.06	15.00	40.00	3.6900	Red_Deer_5yr_Chicago_2h C16STM1085
GC1396	0.18	15.00	70.00	3.3800	Red_Deer_5yr_Chicago_2h C11STM234
GC1397	0.11	15.00	70.00	4.2600	Red_Deer_5yr_Chicago_2h GCMH146
GC1398	0.15	15.00	40.00	3.8000	Red_Deer_5yr_Chicago_2h CULV5170
GC1399	0.03	8.00	65.00	2.8800	Red_Deer_5yr_Chicago_2h B7STM177
GC14	0.83	45.43	5.00	3.7400	Red_Deer_5yr_Chicago_2h GCMH88
GC140	0.05	8.00	50.00	3.3300	Red_Deer_5yr_Chicago_2h GCMH132
GC1400	0.05	15.00	70.00	3.2300	Red_Deer_5yr_Chicago_2h C14STM206
GC1401	0.06	15.00	40.00	3.2500	Red_Deer_5yr_Chicago_2h C16STM1085
GC1402	0.07	15.00	40.00	2.8000	Red_Deer_5yr_Chicago_2h C13STM219
GC1403	0.45	33.67	5.00	2.8900	Red_Deer_5yr_Chicago_2h C7STM182
GC1404	0.06	15.00	40.00	4.0200	Red_Deer_5yr_Chicago_2h C16STM1085
GC1405	0.07	15.00	40.00	4.5200	Red_Deer_5yr_Chicago_2h CULV5170
GC1406	0.08	15.00	40.00	3.8700	Red_Deer_5yr_Chicago_2h C6STM180
GC1407	0.06	15.00	40.00	3.8700	Red_Deer_5yr_Chicago_2h B7STM184
GC1408	0.06	15.00	40.00	4.2600	Red_Deer_5yr_Chicago_2h C16STM1085
GC1409	0.13	15.00	40.00	3.7600	Red_Deer_5yr_Chicago_2h C16STM1085
GC141	0.06	15.00	40.00	5.3700	Red_Deer_5yr_Chicago_2h A5STM161
GC1410	0.06	15.00	40.00	4.2000	Red_Deer_5yr_Chicago_2h C16STM1085
GC1411	0.09	15.00	70.00	3.4800	Red_Deer_5yr_Chicago_2h C17STM1073
GC1412	0.04	10.00	50.00	4.7700	Red_Deer_5yr_Chicago_2h C14STM207
GC1413	0.16	15.00	40.00	2.6800	Red_Deer_5yr_Chicago_2h CULV5170
GC1414	0.07	15.00	40.00	3.6000	Red_Deer_5yr_Chicago_2h C13STM219
GC1415	0.03	8.00	65.00	3.6200	Red_Deer_5yr_Chicago_2h B7STM177
GC1416	0.36	15.00	70.00	2.6100	Red_Deer_5yr_Chicago_2h B7STM184
GC1417	0.21	15.00	70.00	2.6900	Red_Deer_5yr_Chicago_2h C7STM178
GC1418	0.07	15.00	40.00	3.1300	Red_Deer_5yr_Chicago_2h C12STM221

GC1419	0.06	15.00	40.00	3.0100	Red_Deer_5yr_Chicago_2h C7STM185
GC142	0.07	15.00	40.00	3.3600	Red_Deer_5yr_Chicago_2h A5STM158
GC1420	0.06	15.00	40.00	2.3700	Red_Deer_5yr_Chicago_2h B8STM190
GC1421	0.08	15.00	50.00	4.9200	Red_Deer_5yr_Chicago_2h GCMH39
GC1422	0.06	15.00	40.00	3.2800	Red_Deer_5yr_Chicago_2h C6STM180
GC1423	0.06	15.00	40.00	2.8100	Red_Deer_5yr_Chicago_2h B8STM190
GC1424	0.10	15.00	70.00	3.2100	Red_Deer_5yr_Chicago_2h B15STM197
GC1425	0.07	15.00	40.00	3.5700	Red_Deer_5yr_Chicago_2h C12STM221
GC1426	0.05	15.00	50.00	4.8900	Red_Deer_5yr_Chicago_2h C16STM1085
GC1427	0.17	15.00	40.00	2.7000	Red_Deer_5yr_Chicago_2h CULV5170
GC1428	0.06	10.00	50.00	4.0500	Red_Deer_5yr_Chicago_2h C15STM200
GC1429	0.08	10.00	50.00	5.1000	Red_Deer_5yr_Chicago_2h C14STM210
GC143	0.07	15.00	40.00	3.3300	Red_Deer_5yr_Chicago_2h A13STM54
GC1430	0.10	15.00	40.00	2.3800	Red_Deer_5yr_Chicago_2h C13STM219
GC1431	0.06	15.00	50.00	4.3100	Red_Deer_5yr_Chicago_2h C16STM1085
GC1432	0.05	10.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h C15STM201
GC1433	0.03	8.00	65.00	2.4800	Red_Deer_5yr_Chicago_2h B7STM177
GC1434	0.04	10.00	50.00	4.0300	Red_Deer_5yr_Chicago_2h C14STM207
GC1435	0.07	10.00	50.00	6.5400	Red_Deer_5yr_Chicago_2h C15STM201
GC1436	0.05	10.00	50.00	3.9600	Red_Deer_5yr_Chicago_2h C14STM208
GC1437	0.13	15.00	70.00	3.2700	Red_Deer_5yr_Chicago_2h B15STM197
GC1438	0.45	15.00	70.00	2.9100	Red_Deer_5yr_Chicago_2h C16STM1085
GC1439	2.07	71.96	5.00	7.1500	Red_Deer_5yr_Chicago_2h GCMH68
GC144	0.08	15.00	40.00	5.0400	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC1440	0.04	10.00	50.00	3.6600	Red_Deer_5yr_Chicago_2h C15STM200
GC1441	2.34	15.00	70.00	4.7800	Red_Deer_5yr_Chicago_2h CULV5474_Outlet
GC1442	0.16	15.00	40.00	3.6800	Red_Deer_5yr_Chicago_2h CULV5170
GC1443	0.08	15.00	40.00	5.4400	Red_Deer_5yr_Chicago_2h C11STM234
GC1444	0.05	10.00	50.00	3.6000	Red_Deer_5yr_Chicago_2h C14STM208
GC1445	0.06	15.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h C12STM221
GC1446	0.04	10.00	50.00	4.6300	Red_Deer_5yr_Chicago_2h C15STM201
GC1447	0.04	10.00	50.00	5.3700	Red_Deer_5yr_Chicago_2h C14STM208
GC1448	0.06	15.00	40.00	3.2000	Red_Deer_5yr_Chicago_2h C7STM185
GC1449	0.06	15.00	40.00	3.3900	Red_Deer_5yr_Chicago_2h C6STM180
GC145	0.07	15.00	40.00	3.0400	Red_Deer_5yr_Chicago_2h A12STM53
GC1450	0.04	10.00	50.00	3.5300	Red_Deer_5yr_Chicago_2h C14STM208
GC1451	0.04	10.00	50.00	3.8600	Red_Deer_5yr_Chicago_2h C15STM201
GC1452	0.06	10.00	50.00	4.0200	Red_Deer_5yr_Chicago_2h C15STM200
GC1453	0.04	10.00	50.00	5.2900	Red_Deer_5yr_Chicago_2h C15STM200
GC1454	0.42	15.00	70.00	2.6500	Red_Deer_5yr_Chicago_2h C12STM221
GC1455	0.04	10.00	50.00	3.9500	Red_Deer_5yr_Chicago_2h C15STM201
GC1456	0.06	15.00	50.00	3.8800	Red_Deer_5yr_Chicago_2h C16STM1085
GC1457	0.04	10.00	50.00	3.6100	Red_Deer_5yr_Chicago_2h C15STM200
GC1458	0.04	10.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h C15STM200
GC1459	0.19	15.00	40.00	2.7600	Red_Deer_5yr_Chicago_2h CULV5170
GC146	0.21	15.00	70.00	3.3400	Red_Deer_5yr_Chicago_2h A5STM160
GC1460	0.03	10.00	50.00	4.5100	Red_Deer_5yr_Chicago_2h C14STM210
GC1461	0.06	15.00	40.00	4.1400	Red_Deer_5yr_Chicago_2h GCMH146
GC1462	0.06	15.00	40.00	6.3800	Red_Deer_5yr_Chicago_2h GCMH146
GC1463	0.06	15.00	40.00	4.6300	Red_Deer_5yr_Chicago_2h GCMH146
GC1464	0.06	15.00	40.00	5.5000	Red_Deer_5yr_Chicago_2h C11STM234
GC1465	0.08	15.00	40.00	5.9900	Red_Deer_5yr_Chicago_2h C11STM234
GC1466	0.14	15.00	40.00	3.0100	Red_Deer_5yr_Chicago_2h C16STM1085
GC1467	0.06	15.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h C11STM234
GC1468	0.06	15.00	40.00	3.1100	Red_Deer_5yr_Chicago_2h C12STM221
GC1469	0.10	15.00	70.00	3.1900	Red_Deer_5yr_Chicago_2h C17STM1074
GC147	0.04	8.00	50.00	3.8100	Red_Deer_5yr_Chicago_2h A7STM165
GC1470	0.07	15.00	40.00	4.7200	Red_Deer_5yr_Chicago_2h GCMH146
GC1471	0.07	15.00	40.00	3.5800	Red_Deer_5yr_Chicago_2h C12STM221
GC1472	0.08	15.00	40.00	3.2400	Red_Deer_5yr_Chicago_2h C13STM217
GC1473	0.06	15.00	40.00	4.4300	Red_Deer_5yr_Chicago_2h C11STM234
GC1474	0.06	15.00	40.00	3.3800	Red_Deer_5yr_Chicago_2h C7STM185
GC1475	0.06	15.00	40.00	2.9200	Red_Deer_5yr_Chicago_2h B8STM190
GC1476	0.10	15.00	70.00	3.3900	Red_Deer_5yr_Chicago_2h C17STM1074
GC1477	0.10	15.00	70.00	3.3300	Red_Deer_5yr_Chicago_2h C17STM1074
GC1478	0.10	15.00	70.00	3.0300	Red_Deer_5yr_Chicago_2h C17STM1074
GC1479	0.04	10.00	50.00	4.0100	Red_Deer_5yr_Chicago_2h C14STM207
GC148	0.06	15.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h A13STM2274
GC1480	0.07	10.00	50.00	5.9900	Red_Deer_5yr_Chicago_2h C15STM201
GC1481	0.04	8.00	65.00	2.5300	Red_Deer_5yr_Chicago_2h B7STM177
GC1482	0.11	15.00	70.00	2.9400	Red_Deer_5yr_Chicago_2h B15STM197
GC1483	0.21	15.00	70.00	2.6700	Red_Deer_5yr_Chicago_2h C6STM180
GC1484	0.05	15.00	50.00	3.6200	Red_Deer_5yr_Chicago_2h C16STM1085
GC1485	0.06	15.00	40.00	3.4800	Red_Deer_5yr_Chicago_2h C6STM180
GC1486	0.15	15.00	40.00	3.1100	Red_Deer_5yr_Chicago_2h CULV5170

GC1487	0.06	15.00	40.00	3.0900	Red_Deer_5yr_Chicago_2h B8STM190
GC1488	0.07	15.00	40.00	6.3300	Red_Deer_5yr_Chicago_2h C11STM234
GC1489	0.10	15.00	70.00	3.2500	Red_Deer_5yr_Chicago_2h C17STM1074
GC149	0.06	15.00	40.00	3.2600	Red_Deer_5yr_Chicago_2h A13STM2274
GC1490	0.09	15.00	70.00	2.7900	Red_Deer_5yr_Chicago_2h GCMH34
GC1491	0.08	10.00	50.00	6.6900	Red_Deer_5yr_Chicago_2h C14STM210
GC1492	0.05	10.00	50.00	3.9000	Red_Deer_5yr_Chicago_2h C15STM200
GC1493	0.06	15.00	40.00	4.2200	Red_Deer_5yr_Chicago_2h C7STM185
GC1494	0.14	15.00	40.00	3.5100	Red_Deer_5yr_Chicago_2h CULV5170
GC1495	0.05	15.00	40.00	2.6700	Red_Deer_5yr_Chicago_2h C16STM1085
GC1496	0.04	10.00	50.00	3.9700	Red_Deer_5yr_Chicago_2h C14STM208
GC1497	0.08	13.82	5.00	2.4600	Red_Deer_5yr_Chicago_2h CULV5158_Inlet
GC1498	0.07	15.00	40.00	2.7800	Red_Deer_5yr_Chicago_2h C13STM217
GC1499	0.08	15.00	40.00	3.1500	Red_Deer_5yr_Chicago_2h C16STM1088
GC15	1.06	51.39	5.00	4.3100	Red_Deer_5yr_Chicago_2h CULV5475_Inlet
GC150	0.48	15.00	70.00	3.1100	Red_Deer_5yr_Chicago_2h A15STM3
GC1500	0.14	15.00	40.00	3.1300	Red_Deer_5yr_Chicago_2h CULV5170
GC1501	0.07	15.00	40.00	2.9400	Red_Deer_5yr_Chicago_2h C12STM221
GC1502	0.11	15.00	40.00	3.6900	Red_Deer_5yr_Chicago_2h C12STM221
GC1503	0.06	15.00	40.00	3.2100	Red_Deer_5yr_Chicago_2h C7STM185
GC1504	0.14	15.00	40.00	2.8400	Red_Deer_5yr_Chicago_2h CULV5170
GC1505	0.06	15.00	40.00	2.9400	Red_Deer_5yr_Chicago_2h B8STM190
GC1506	0.09	10.00	50.00	6.6300	Red_Deer_5yr_Chicago_2h C15STM202
GC1507	0.14	15.00	40.00	4.9700	Red_Deer_5yr_Chicago_2h CULV5170
GC1508	0.14	15.00	40.00	6.1200	Red_Deer_5yr_Chicago_2h CULV5170
GC1509	0.08	15.00	70.00	2.4900	Red_Deer_5yr_Chicago_2h C15STM201
GC151	0.06	15.00	40.00	3.3900	Red_Deer_5yr_Chicago_2h A15STM2
GC1510	0.04	10.00	50.00	3.8700	Red_Deer_5yr_Chicago_2h C15STM198
GC1511	0.06	15.00	40.00	2.5700	Red_Deer_5yr_Chicago_2h B8STM190
GC1512	0.04	10.00	50.00	3.7200	Red_Deer_5yr_Chicago_2h C14STM208
GC1513	0.07	15.00	40.00	6.2200	Red_Deer_5yr_Chicago_2h C16STM1085
GC1514	0.11	15.00	70.00	2.9500	Red_Deer_5yr_Chicago_2h C14STM210
GC1515	0.14	15.00	40.00	3.5500	Red_Deer_5yr_Chicago_2h CULV5170
GC1516	0.06	15.00	40.00	4.2100	Red_Deer_5yr_Chicago_2h C7STM185
GC1517	0.43	15.00	70.00	2.9400	Red_Deer_5yr_Chicago_2h C15STM200
GC1518	0.06	15.00	40.00	2.7200	Red_Deer_5yr_Chicago_2h C7STM179
GC1519	0.04	10.00	50.00	7.0200	Red_Deer_5yr_Chicago_2h C14STM210
GC152	0.06	15.00	40.00	3.5900	Red_Deer_5yr_Chicago_2h A15STM2
GC1520	0.07	15.00	50.00	4.6200	Red_Deer_5yr_Chicago_2h GCMH34
GC1521	0.08	15.00	40.00	2.7500	Red_Deer_5yr_Chicago_2h C13STM217
GC1522	0.07	15.00	40.00	3.1000	Red_Deer_5yr_Chicago_2h C16STM1085
GC1523	0.06	15.00	50.00	4.4800	Red_Deer_5yr_Chicago_2h GCMH34
GC1524	0.18	15.00	40.00	3.2200	Red_Deer_5yr_Chicago_2h CULV5170
GC1525	0.21	15.00	70.00	2.9500	Red_Deer_5yr_Chicago_2h C14STM213
GC1526	0.06	15.00	50.00	4.1300	Red_Deer_5yr_Chicago_2h C16STM1086
GC1527	0.48	15.00	70.00	2.5900	Red_Deer_5yr_Chicago_2h C17STM1075
GC1528	0.25	15.00	70.00	3.1900	Red_Deer_5yr_Chicago_2h C15STM196
GC1529	0.07	15.00	40.00	3.0600	Red_Deer_5yr_Chicago_2h C16STM1088
GC153	0.07	15.00	40.00	3.3100	Red_Deer_5yr_Chicago_2h A15STM2
GC1530	0.06	15.00	50.00	5.1400	Red_Deer_5yr_Chicago_2h GCMH34
GC1531	0.04	10.00	50.00	2.7400	Red_Deer_5yr_Chicago_2h C17STM1075
GC1532	0.07	15.00	40.00	3.1500	Red_Deer_5yr_Chicago_2h C12STM221
GC1533	0.06	15.00	50.00	4.2100	Red_Deer_5yr_Chicago_2h C16STM1086
GC1534	0.04	10.00	50.00	3.3400	Red_Deer_5yr_Chicago_2h C15STM198
GC1535	0.04	10.00	50.00	4.0200	Red_Deer_5yr_Chicago_2h C14STM208
GC1536	0.06	15.00	40.00	2.5200	Red_Deer_5yr_Chicago_2h C7STM185
GC1538	0.12	15.00	40.00	3.6400	Red_Deer_5yr_Chicago_2h C11STM236
GC1539	0.09	15.00	40.00	4.9200	Red_Deer_5yr_Chicago_2h C11STM236
GC154	0.07	15.00	40.00	5.2000	Red_Deer_5yr_Chicago_2h A15STM2
GC1540	1.56	15.00	70.00	5.9900	Red_Deer_5yr_Chicago_2h GCMH153
GC1541	0.08	15.00	50.00	4.4700	Red_Deer_5yr_Chicago_2h GCMH34
GC1543	0.05	15.00	50.00	3.6800	Red_Deer_5yr_Chicago_2h C16STM1086
GC1544	0.06	15.00	40.00	3.1700	Red_Deer_5yr_Chicago_2h C7STM179
GC1545	0.07	15.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h B8STM190
GC1546	0.04	10.00	50.00	6.5400	Red_Deer_5yr_Chicago_2h C14STM210
GC1547	0.07	15.00	40.00	4.6300	Red_Deer_5yr_Chicago_2h C11STM236
GC1548	0.07	15.00	40.00	6.5200	Red_Deer_5yr_Chicago_2h GCMH146
GC1549	0.07	15.00	40.00	5.3900	Red_Deer_5yr_Chicago_2h GCMH146
GC155	0.06	15.00	65.00	3.4800	Red_Deer_5yr_Chicago_2h A5STM160
GC1550	0.07	15.00	40.00	6.0500	Red_Deer_5yr_Chicago_2h GCMH146
GC1551	0.07	15.00	40.00	5.9600	Red_Deer_5yr_Chicago_2h GCMH146
GC1552	0.14	15.00	40.00	2.5100	Red_Deer_5yr_Chicago_2h CULV5170
GC1553	0.06	15.00	40.00	5.5500	Red_Deer_5yr_Chicago_2h C16STM1085
GC1554	0.08	15.00	40.00	2.9800	Red_Deer_5yr_Chicago_2h C12STM221
GC1555	0.06	15.00	40.00	3.3100	Red_Deer_5yr_Chicago_2h B8STM190

GC1556	0.08	15.00	40.00	2.9200	Red_Deer_5yr_Chicago_2h C13STM217
GC1557	0.07	15.00	40.00	4.4800	Red_Deer_5yr_Chicago_2h GCMH146
GC1558	0.13	15.00	40.00	3.9600	Red_Deer_5yr_Chicago_2h CULV5170
GC1559	0.06	15.00	40.00	3.7000	Red_Deer_5yr_Chicago_2h C7STM185
GC156	0.06	15.00	65.00	4.5200	Red_Deer_5yr_Chicago_2h A5STM160
GC1560	0.05	15.00	50.00	3.6500	Red_Deer_5yr_Chicago_2h C16STM1086
GC1561	0.14	15.00	70.00	2.8000	Red_Deer_5yr_Chicago_2h C16STM1088
GC1562	0.04	10.00	50.00	4.0800	Red_Deer_5yr_Chicago_2h C15STM198
GC1563	0.04	10.00	50.00	2.3800	Red_Deer_5yr_Chicago_2h C17STM1075
GC1564	0.04	10.00	50.00	4.2300	Red_Deer_5yr_Chicago_2h C14STM208
GC1565	0.06	15.00	40.00	2.9700	Red_Deer_5yr_Chicago_2h C16STM1085
GC1567	0.07	15.00	40.00	3.5300	Red_Deer_5yr_Chicago_2h C16STM1088
GC1568	0.06	15.00	40.00	2.7500	Red_Deer_5yr_Chicago_2h C7STM179
GC1569	0.09	15.00	40.00	3.0500	Red_Deer_5yr_Chicago_2h GCMH71
GC157	0.07	15.00	40.00	3.9200	Red_Deer_5yr_Chicago_2h A15STM2
GC1570	0.05	15.00	50.00	3.7100	Red_Deer_5yr_Chicago_2h C16STM1086
GC1571	0.08	15.00	40.00	3.2800	Red_Deer_5yr_Chicago_2h C12STM221
GC1572	0.04	10.00	50.00	5.9200	Red_Deer_5yr_Chicago_2h C14STM210
GC1573	0.16	15.00	40.00	4.4600	Red_Deer_5yr_Chicago_2h C11STM236
GC1574	0.07	15.00	40.00	3.1600	Red_Deer_5yr_Chicago_2h C12STM221
GC1575	0.08	15.00	50.00	4.8300	Red_Deer_5yr_Chicago_2h C16STM1086
GC1576	0.04	10.00	50.00	3.8600	Red_Deer_5yr_Chicago_2h C15STM201
GC1577	0.05	10.00	50.00	3.1100	Red_Deer_5yr_Chicago_2h C15STM201
GC1578	0.04	10.00	50.00	3.7300	Red_Deer_5yr_Chicago_2h C15STM201
GC1579	0.04	10.00	50.00	3.6000	Red_Deer_5yr_Chicago_2h C15STM200
GC158	0.06	8.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h GCMH1
GC1580	0.05	10.00	50.00	4.0600	Red_Deer_5yr_Chicago_2h C15STM200
GC1581	0.04	10.00	50.00	3.4200	Red_Deer_5yr_Chicago_2h C15STM200
GC1582	1.29	15.00	70.00	6.0200	Red_Deer_5yr_Chicago_2h GCMH56
GC1583	0.04	10.00	50.00	3.7600	Red_Deer_5yr_Chicago_2h C15STM200
GC1584	0.05	10.00	50.00	2.6900	Red_Deer_5yr_Chicago_2h C15STM201
GC1585	0.16	19.71	5.00	4.5300	Red_Deer_5yr_Chicago_2h C14STM208
GC1586	0.07	10.00	50.00	2.8400	Red_Deer_5yr_Chicago_2h C15STM200
GC1587	0.10	15.00	70.00	4.0600	Red_Deer_5yr_Chicago_2h C17STM1074
GC1588	0.04	10.00	50.00	4.5500	Red_Deer_5yr_Chicago_2h C14STM208
GC1589	0.04	10.00	50.00	3.8100	Red_Deer_5yr_Chicago_2h C15STM198
GC159	0.04	10.00	50.00	3.2300	Red_Deer_5yr_Chicago_2h GCMH1
GC1590	0.08	10.00	50.00	5.7000	Red_Deer_5yr_Chicago_2h C15STM202
GC1591	0.26	15.00	70.00	3.0000	Red_Deer_5yr_Chicago_2h C14STM208
GC1592	0.71	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h C13STM217
GC1593	0.14	15.00	40.00	3.3000	Red_Deer_5yr_Chicago_2h CULV5170
GC1594	0.07	15.00	40.00	2.9800	Red_Deer_5yr_Chicago_2h C8STM188
GC1595	0.04	10.00	50.00	2.4000	Red_Deer_5yr_Chicago_2h C17STM1075
GC1596	0.08	15.00	40.00	3.1900	Red_Deer_5yr_Chicago_2h C13STM217
GC1597	0.06	15.00	40.00	5.7500	Red_Deer_5yr_Chicago_2h C16STM1085
GC1598	0.06	15.00	40.00	3.1700	Red_Deer_5yr_Chicago_2h C12STM221
GC1599	0.15	15.00	70.00	3.6000	Red_Deer_5yr_Chicago_2h C14STM206
GC16	2.40	15.00	70.00	6.4000	Red_Deer_5yr_Chicago_2h CULV5484
GC160	0.09	15.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h A14STM32
GC1600	0.08	15.00	40.00	2.8900	Red_Deer_5yr_Chicago_2h C12STM221
GC1601	0.10	15.00	70.00	2.9400	Red_Deer_5yr_Chicago_2h C17STM1074
GC1602	0.10	15.00	70.00	3.1300	Red_Deer_5yr_Chicago_2h C17STM1074
GC1603	0.06	15.00	40.00	2.5400	Red_Deer_5yr_Chicago_2h C8STM188
GC1604	0.13	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h C17STM1075
GC1605	0.06	15.00	40.00	3.1900	Red_Deer_5yr_Chicago_2h C7STM179
GC1606	0.10	15.00	70.00	2.6100	Red_Deer_5yr_Chicago_2h C17STM1074
GC1607	0.18	15.00	50.00	3.5200	Red_Deer_5yr_Chicago_2h C18STM1077
GC1608	0.06	15.00	40.00	3.1100	Red_Deer_5yr_Chicago_2h C16STM1085
GC1609	0.04	10.00	50.00	5.6700	Red_Deer_5yr_Chicago_2h C14STM210
GC161	0.06	15.00	40.00	2.7400	Red_Deer_5yr_Chicago_2h A13STM2274
GC1610	0.07	15.00	40.00	2.9800	Red_Deer_5yr_Chicago_2h C16STM1088
GC1611	0.07	15.00	40.00	5.8000	Red_Deer_5yr_Chicago_2h B8STM190
GC1612	0.13	15.00	40.00	3.5300	Red_Deer_5yr_Chicago_2h CULV5170
GC1613	0.33	15.00	70.00	4.5300	Red_Deer_5yr_Chicago_2h CULV5170
GC1614	0.06	15.00	40.00	2.9000	Red_Deer_5yr_Chicago_2h C8STM188
GC1615	0.04	10.00	50.00	3.9800	Red_Deer_5yr_Chicago_2h C14STM208
GC1616	0.04	10.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h C15STM198
GC1617	0.04	10.00	50.00	5.4800	Red_Deer_5yr_Chicago_2h C15STM202
GC1618	0.05	10.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h C17STM1075
GC1619	0.14	15.00	40.00	3.4900	Red_Deer_5yr_Chicago_2h CULV5170
GC162	0.04	8.00	50.00	3.1900	Red_Deer_5yr_Chicago_2h A7STM165
GC1620	0.07	15.00	40.00	3.1200	Red_Deer_5yr_Chicago_2h C12STM222
GC1621	0.05	15.00	50.00	4.6200	Red_Deer_5yr_Chicago_2h C16STM1086
GC1622	0.15	15.00	70.00	4.4700	Red_Deer_5yr_Chicago_2h GCMH146
GC1623	0.11	15.00	70.00	3.8400	Red_Deer_5yr_Chicago_2h C11STM236

GC1624	0.04	10.00	50.00	5.0900	Red_Deer_5yr_Chicago_2h C14STM210
GC1625	0.07	15.00	40.00	3.9400	Red_Deer_5yr_Chicago_2h C13STM217
GC1626	0.06	15.00	40.00	5.1000	Red_Deer_5yr_Chicago_2h C16STM1087
GC1628	0.06	15.00	40.00	2.6400	Red_Deer_5yr_Chicago_2h C7STM187
GC1629	0.07	15.00	40.00	3.0800	Red_Deer_5yr_Chicago_2h C7STM179
GC163	0.07	15.00	40.00	6.5100	Red_Deer_5yr_Chicago_2h A13STM2272
GC1630	0.68	41.16	5.00	7.2900	Red_Deer_5yr_Chicago_2h CULV5170
GC1631	0.07	15.00	40.00	2.7000	Red_Deer_5yr_Chicago_2h C16STM1088
GC1632	0.06	15.00	40.00	3.8200	Red_Deer_5yr_Chicago_2h C16STM1085
GC1633	0.04	10.00	50.00	3.8100	Red_Deer_5yr_Chicago_2h C14STM208
GC1634	0.06	15.00	50.00	3.2800	Red_Deer_5yr_Chicago_2h C16STM1086
GC1635	0.12	15.00	40.00	4.4500	Red_Deer_5yr_Chicago_2h CULV5170
GC1636	0.04	10.00	50.00	5.9200	Red_Deer_5yr_Chicago_2h C15STM202
GC1637	0.04	10.00	50.00	2.9800	Red_Deer_5yr_Chicago_2h C15STM198
GC1638	0.06	15.00	40.00	2.9300	Red_Deer_5yr_Chicago_2h C7STM187
GC1639	0.14	15.00	70.00	2.5500	Red_Deer_5yr_Chicago_2h C8STM188
GC164	0.07	15.00	40.00	5.5600	Red_Deer_5yr_Chicago_2h A15STM2
GC1640	0.52	36.04	5.00	3.5700	Red_Deer_5yr_Chicago_2h CULV5170
GC1641	0.13	15.00	40.00	4.4300	Red_Deer_5yr_Chicago_2h CULV5170
GC1642	0.65	15.00	70.00	4.3600	Red_Deer_5yr_Chicago_2h CULV5170
GC1643	0.44	15.00	70.00	2.6100	Red_Deer_5yr_Chicago_2h C7STM182
GC1644	0.05	10.00	50.00	3.1400	Red_Deer_5yr_Chicago_2h C17STM1075
GC1645	0.34	15.00	70.00	2.6400	Red_Deer_5yr_Chicago_2h C16STM1086
GC1646	0.04	10.00	50.00	5.1700	Red_Deer_5yr_Chicago_2h C14STM212
GC1647	0.07	15.00	50.00	2.7600	Red_Deer_5yr_Chicago_2h C16STM1087
GC1648	0.07	15.00	40.00	3.1300	Red_Deer_5yr_Chicago_2h C7STM187
GC1649	0.05	15.00	50.00	3.9300	Red_Deer_5yr_Chicago_2h C16STM1086
GC165	0.06	8.00	50.00	3.8800	Red_Deer_5yr_Chicago_2h GCMH132
GC1650	0.09	15.00	40.00	5.3900	Red_Deer_5yr_Chicago_2h C8STM188
GC1651	0.06	15.00	40.00	3.3800	Red_Deer_5yr_Chicago_2h C12STM222
GC1652	0.04	10.00	50.00	3.7400	Red_Deer_5yr_Chicago_2h C14STM208
GC1653	0.07	15.00	40.00	5.9100	Red_Deer_5yr_Chicago_2h C11STM236
GC1654	0.07	15.00	40.00	4.3100	Red_Deer_5yr_Chicago_2h C13STM217
GC1655	0.08	10.00	50.00	6.1000	Red_Deer_5yr_Chicago_2h C15STM202
GC1656	0.04	10.00	50.00	4.0100	Red_Deer_5yr_Chicago_2h C15STM198
GC1657	0.06	15.00	40.00	5.4200	Red_Deer_5yr_Chicago_2h C16STM1087
GC1658	0.13	15.00	40.00	4.4000	Red_Deer_5yr_Chicago_2h CULV5170
GC1659	0.06	15.00	50.00	3.2600	Red_Deer_5yr_Chicago_2h C16STM1086
GC166	0.06	15.00	40.00	6.5800	Red_Deer_5yr_Chicago_2h A15STM3
GC1660	0.07	15.00	40.00	2.9100	Red_Deer_5yr_Chicago_2h C16STM1088
GC1661	0.06	15.00	40.00	3.7600	Red_Deer_5yr_Chicago_2h C16STM1087
GC1662	0.05	10.00	50.00	5.2600	Red_Deer_5yr_Chicago_2h C14STM212
GC1663	0.05	10.00	50.00	5.1800	Red_Deer_5yr_Chicago_2h C14STM212
GC1664	0.05	10.00	50.00	4.7600	Red_Deer_5yr_Chicago_2h C14STM212
GC1665	0.04	10.00	50.00	5.5300	Red_Deer_5yr_Chicago_2h C14STM212
GC1666	0.10	15.00	40.00	4.6500	Red_Deer_5yr_Chicago_2h C12STM223
GC1667	0.05	10.00	50.00	3.5600	Red_Deer_5yr_Chicago_2h C17STM1080
GC1668	0.07	15.00	40.00	4.0400	Red_Deer_5yr_Chicago_2h C12STM223
GC1669	0.04	10.00	50.00	3.5000	Red_Deer_5yr_Chicago_2h C15STM202
GC167	0.33	15.00	70.00	2.6500	Red_Deer_5yr_Chicago_2h A14STM32
GC1670	0.04	10.00	50.00	3.2400	Red_Deer_5yr_Chicago_2h C15STM202
GC1671	0.06	10.00	50.00	2.4100	Red_Deer_5yr_Chicago_2h C17STM1075
GC1672	0.04	10.00	50.00	4.1300	Red_Deer_5yr_Chicago_2h C15STM202
GC1673	0.04	10.00	50.00	3.7300	Red_Deer_5yr_Chicago_2h C15STM202
GC1674	0.07	15.00	40.00	4.2400	Red_Deer_5yr_Chicago_2h C12STM223
GC1675	0.04	10.00	50.00	3.5400	Red_Deer_5yr_Chicago_2h C15STM202
GC1676	0.04	10.00	50.00	4.3200	Red_Deer_5yr_Chicago_2h C15STM202
GC1677	0.04	10.00	50.00	3.7700	Red_Deer_5yr_Chicago_2h C15STM202
GC1678	0.04	10.00	50.00	3.1800	Red_Deer_5yr_Chicago_2h C15STM202
GC1679	0.04	10.00	50.00	3.7700	Red_Deer_5yr_Chicago_2h C15STM202
GC168	0.10	15.00	40.00	4.9300	Red_Deer_5yr_Chicago_2h A12STM53
GC1680	0.04	10.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h C15STM202
GC1681	0.07	15.00	40.00	5.2100	Red_Deer_5yr_Chicago_2h C12STM223
GC1682	0.09	15.00	40.00	4.6900	Red_Deer_5yr_Chicago_2h C12STM223
GC1683	0.04	10.00	50.00	4.2900	Red_Deer_5yr_Chicago_2h C17STM1080
GC1684	0.04	10.00	50.00	4.2700	Red_Deer_5yr_Chicago_2h C14STM208
GC1685	0.08	14.49	5.00	4.1600	Red_Deer_5yr_Chicago_2h CULV5158_Inlet
GC1686	0.04	10.00	50.00	4.2000	Red_Deer_5yr_Chicago_2h C17STM1080
GC1687	0.07	15.00	40.00	5.7900	Red_Deer_5yr_Chicago_2h C8STM188
GC1688	0.08	10.00	50.00	3.0900	Red_Deer_5yr_Chicago_2h C17STM1080
GC169	2.01	70.86	5.00	6.6600	Red_Deer_5yr_Chicago_2h CULV5485
GC1690	0.05	15.00	50.00	4.5100	Red_Deer_5yr_Chicago_2h C16STM1086
GC1691	0.07	15.00	40.00	5.0200	Red_Deer_5yr_Chicago_2h GCMH146
GC1692	0.07	15.00	40.00	4.1100	Red_Deer_5yr_Chicago_2h GCMH146
GC1693	0.07	15.00	40.00	5.2100	Red_Deer_5yr_Chicago_2h GCMH146

GC1694	0.07	15.00	40.00	5.9300	Red_Deer_5yr_Chicago_2h GCMH146
GC1695	0.04	10.00	50.00	3.4300	Red_Deer_5yr_Chicago_2h C17STM1080
GC1696	0.04	10.00	50.00	3.4800	Red_Deer_5yr_Chicago_2h C15STM198
GC1697	0.07	15.00	40.00	4.2600	Red_Deer_5yr_Chicago_2h C11STM236
GC1698	0.04	10.00	50.00	2.8300	Red_Deer_5yr_Chicago_2h C17STM1080
GC1699	0.19	15.00	70.00	3.2800	Red_Deer_5yr_Chicago_2h C14STM212
GC17	2.87	15.00	70.00	7.4100	Red_Deer_5yr_Chicago_2h CULV5474_Outlet
GC170	0.09	15.00	40.00	2.7800	Red_Deer_5yr_Chicago_2h A13STM2275
GC1700	0.04	10.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h C17STM1080
GC1701	0.04	10.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h C17STM1080
GC1702	0.04	10.00	50.00	2.9900	Red_Deer_5yr_Chicago_2h C17STM1080
GC1703	0.04	10.00	50.00	3.6100	Red_Deer_5yr_Chicago_2h C17STM1080
GC1704	0.04	10.00	50.00	3.4900	Red_Deer_5yr_Chicago_2h C17STM1080
GC1705	0.04	10.00	50.00	3.6700	Red_Deer_5yr_Chicago_2h C17STM1080
GC1706	0.05	15.00	50.00	2.7800	Red_Deer_5yr_Chicago_2h C16STM1087
GC1707	0.13	15.00	40.00	5.9800	Red_Deer_5yr_Chicago_2h CULV5170
GC1708	0.08	15.00	40.00	4.5100	Red_Deer_5yr_Chicago_2h GCMH146
GC1709	0.04	10.00	50.00	3.8500	Red_Deer_5yr_Chicago_2h C17STM1080
GC171	0.05	15.00	40.00	5.7600	Red_Deer_5yr_Chicago_2h A5STM161
GC1710	0.07	15.00	40.00	3.4500	Red_Deer_5yr_Chicago_2h C12STM222
GC1711	0.38	15.00	70.00	2.6800	Red_Deer_5yr_Chicago_2h C15STM202
GC1712	0.06	15.00	50.00	2.9300	Red_Deer_5yr_Chicago_2h C16STM1086
GC1713	0.06	15.00	40.00	4.9500	Red_Deer_5yr_Chicago_2h C8STM188
GC1714	0.06	15.00	40.00	3.7600	Red_Deer_5yr_Chicago_2h C11STM236
GC1715	0.08	15.00	40.00	5.2200	Red_Deer_5yr_Chicago_2h C11STM236
GC1716	0.04	10.00	50.00	5.9900	Red_Deer_5yr_Chicago_2h C14STM212
GC1717	8.19	86.16	30.00	3.6600	Red_Deer_5yr_Chicago_2h C13STM218
GC1718	0.09	15.00	40.00	4.3600	Red_Deer_5yr_Chicago_2h C13STM217
GC1719	0.06	15.00	40.00	4.0200	Red_Deer_5yr_Chicago_2h C16STM1087
GC172	0.06	15.00	40.00	3.9300	Red_Deer_5yr_Chicago_2h A14STM32
GC1720	0.08	15.00	40.00	6.2500	Red_Deer_5yr_Chicago_2h C16STM1087
GC1721	0.04	10.00	50.00	4.3600	Red_Deer_5yr_Chicago_2h C14STM208
GC1722	0.07	15.00	40.00	2.8500	Red_Deer_5yr_Chicago_2h C16STM1088
GC1723	0.06	15.00	40.00	3.8000	Red_Deer_5yr_Chicago_2h C8STM188
GC1724	0.04	10.00	50.00	5.6200	Red_Deer_5yr_Chicago_2h C15STM202
GC1725	0.07	10.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h C17STM1080
GC1726	0.04	10.00	50.00	3.5900	Red_Deer_5yr_Chicago_2h C15STM198
GC1727	0.13	15.00	40.00	3.7600	Red_Deer_5yr_Chicago_2h CULV5170
GC1728	0.05	15.00	50.00	3.7900	Red_Deer_5yr_Chicago_2h C16STM1086
GC1729	0.06	15.00	40.00	3.8000	Red_Deer_5yr_Chicago_2h C8STM188
GC173	0.06	15.00	65.00	3.7200	Red_Deer_5yr_Chicago_2h GCMH5
GC1730	0.05	15.00	50.00	2.7000	Red_Deer_5yr_Chicago_2h C16STM1087
GC1731	0.04	10.00	50.00	5.9100	Red_Deer_5yr_Chicago_2h C14STM212
GC1732	0.39	15.00	70.00	3.2800	Red_Deer_5yr_Chicago_2h C12STM223
GC1733	0.08	10.00	50.00	3.8300	Red_Deer_5yr_Chicago_2h C17STM1080
GC1734	0.06	15.00	50.00	2.9500	Red_Deer_5yr_Chicago_2h C16STM1086
GC1735	0.04	10.00	50.00	4.4700	Red_Deer_5yr_Chicago_2h C14STM208
GC1736	0.06	15.00	40.00	4.0200	Red_Deer_5yr_Chicago_2h C7STM187
GC1737	0.06	15.00	40.00	4.2000	Red_Deer_5yr_Chicago_2h C16STM1087
GC1738	0.38	15.00	70.00	2.5600	Red_Deer_5yr_Chicago_2h C17STM1080
GC1739	0.42	15.00	70.00	2.9700	Red_Deer_5yr_Chicago_2h C16STM1087
GC174	0.05	8.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h GCMH132
GC1740	0.14	15.00	40.00	4.5000	Red_Deer_5yr_Chicago_2h CULV5170
GC1741	0.05	10.00	50.00	6.4700	Red_Deer_5yr_Chicago_2h C15STM202
GC1742	0.09	15.00	40.00	3.5500	Red_Deer_5yr_Chicago_2h C12STM222
GC1743	0.05	10.00	50.00	3.4700	Red_Deer_5yr_Chicago_2h C15STM198
GC1744	0.06	15.00	40.00	4.5300	Red_Deer_5yr_Chicago_2h C7STM187
GC1745	0.05	15.00	50.00	2.6000	Red_Deer_5yr_Chicago_2h C16STM1089
GC1746	0.09	10.00	50.00	3.1300	Red_Deer_5yr_Chicago_2h C17STM1080
GC1747	0.06	15.00	40.00	4.7500	Red_Deer_5yr_Chicago_2h C7STM187
GC1748	0.07	10.00	50.00	5.7100	Red_Deer_5yr_Chicago_2h C14STM212
GC1749	0.06	15.00	50.00	4.4200	Red_Deer_5yr_Chicago_2h C16STM1086
GC175	0.04	8.00	50.00	3.6600	Red_Deer_5yr_Chicago_2h A7STM165
GC1750	0.06	15.00	40.00	4.8600	Red_Deer_5yr_Chicago_2h C7STM187
GC1751	0.08	10.00	50.00	3.3000	Red_Deer_5yr_Chicago_2h C17STM1080
GC1752	0.07	10.00	50.00	4.7500	Red_Deer_5yr_Chicago_2h C14STM208
GC1753	0.09	15.00	50.00	3.2400	Red_Deer_5yr_Chicago_2h C16STM1086
GC1755	0.07	10.00	50.00	5.8600	Red_Deer_5yr_Chicago_2h C15STM202
GC1759	0.13	15.00	40.00	3.5500	Red_Deer_5yr_Chicago_2h CULV5170
GC176	0.07	15.00	40.00	4.1500	Red_Deer_5yr_Chicago_2h A14STM32
GC1760	0.07	15.00	40.00	6.5800	Red_Deer_5yr_Chicago_2h C13STM217
GC1761	0.06	10.00	50.00	3.5400	Red_Deer_5yr_Chicago_2h C15STM198
GC1763	0.14	15.00	40.00	3.2100	Red_Deer_5yr_Chicago_2h CULV5170
GC1764	0.08	15.00	40.00	4.6700	Red_Deer_5yr_Chicago_2h C16STM1087
GC1765	0.14	15.00	40.00	3.6700	Red_Deer_5yr_Chicago_2h CULV5170

GC1766	0.14	15.00	40.00	2.8500	Red_Deer_5yr_Chicago_2h	CULV5170
GC1767	0.14	15.00	40.00	3.7200	Red_Deer_5yr_Chicago_2h	CULV5170
GC1768	0.14	15.00	40.00	3.8400	Red_Deer_5yr_Chicago_2h	CULV5170
GC1769	0.05	15.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h	C16STM1089
GC177	0.17	20.56	5.00	5.8600	Red_Deer_5yr_Chicago_2h	GCMH56
GC1770	0.17	15.00	40.00	4.1800	Red_Deer_5yr_Chicago_2h	CULV5170
GC1771	0.44	15.00	40.00	4.1200	Red_Deer_5yr_Chicago_2h	C11STM258
GC1772	0.15	15.00	40.00	3.8200	Red_Deer_5yr_Chicago_2h	CULV5170
GC1773	0.16	15.00	40.00	2.7600	Red_Deer_5yr_Chicago_2h	CULV5170
GC1774	0.09	15.00	40.00	3.7700	Red_Deer_5yr_Chicago_2h	C11STM258
GC1775	0.32	28.28	5.00	4.5200	Red_Deer_5yr_Chicago_2h	CULV5170
GC1776	0.12	15.00	40.00	4.6500	Red_Deer_5yr_Chicago_2h	CULV5170
GC1777	0.16	15.00	40.00	4.0600	Red_Deer_5yr_Chicago_2h	C11STM258
GC1778	0.14	15.00	40.00	4.1200	Red_Deer_5yr_Chicago_2h	C12STM222
GC1779	0.09	15.00	40.00	7.1700	Red_Deer_5yr_Chicago_2h	C12STM223
GC178	0.34	15.00	70.00	3.4300	Red_Deer_5yr_Chicago_2h	A5STM161
GC1780	0.13	15.00	40.00	5.1000	Red_Deer_5yr_Chicago_2h	C11STM258
GC1781	0.07	15.00	40.00	7.3700	Red_Deer_5yr_Chicago_2h	C12STM223
GC1782	0.07	15.00	40.00	7.4400	Red_Deer_5yr_Chicago_2h	C12STM223
GC1783	0.07	15.00	40.00	8.0200	Red_Deer_5yr_Chicago_2h	C12STM223
GC1784	0.07	15.00	40.00	7.2400	Red_Deer_5yr_Chicago_2h	C12STM223
GC1785	0.04	10.00	50.00	3.7500	Red_Deer_5yr_Chicago_2h	C14STM212
GC1786	0.04	10.00	50.00	4.0100	Red_Deer_5yr_Chicago_2h	C14STM212
GC1787	0.07	15.00	40.00	6.8100	Red_Deer_5yr_Chicago_2h	C12STM223
GC1788	0.19	10.00	50.00	3.1500	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1789	0.04	10.00	50.00	4.0200	Red_Deer_5yr_Chicago_2h	C14STM212
GC179	0.06	15.00	40.00	3.3100	Red_Deer_5yr_Chicago_2h	A13STM2274
GC1790	0.04	10.00	50.00	3.4200	Red_Deer_5yr_Chicago_2h	C15STM202
GC1791	0.04	10.00	50.00	3.5400	Red_Deer_5yr_Chicago_2h	C15STM202
GC1792	0.04	10.00	50.00	4.8000	Red_Deer_5yr_Chicago_2h	C15STM202
GC1793	0.04	10.00	50.00	3.7900	Red_Deer_5yr_Chicago_2h	C15STM202
GC1794	0.05	10.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h	C15STM202
GC1795	0.04	10.00	50.00	4.5000	Red_Deer_5yr_Chicago_2h	C14STM212
GC1796	0.05	10.00	50.00	2.9800	Red_Deer_5yr_Chicago_2h	C15STM202
GC1797	0.05	10.00	50.00	3.4000	Red_Deer_5yr_Chicago_2h	C15STM202
GC1798	0.05	10.00	50.00	3.8600	Red_Deer_5yr_Chicago_2h	C15STM202
GC1799	0.10	10.00	50.00	6.3400	Red_Deer_5yr_Chicago_2h	C14STM212
GC18	2.10	15.00	70.00	7.1500	Red_Deer_5yr_Chicago_2h	GCMH148
GC180	0.14	15.00	40.00	4.0600	Red_Deer_5yr_Chicago_2h	A12STM50
GC1800	0.04	10.00	50.00	3.3000	Red_Deer_5yr_Chicago_2h	C15STM202
GC1801	0.05	10.00	50.00	4.3000	Red_Deer_5yr_Chicago_2h	C15STM202
GC1802	0.06	15.00	40.00	2.9200	Red_Deer_5yr_Chicago_2h	C16STM1087
GC1803	0.06	15.00	40.00	3.5400	Red_Deer_5yr_Chicago_2h	C16STM1087
GC1804	0.07	15.00	40.00	4.1500	Red_Deer_5yr_Chicago_2h	C16STM1087
GC1805	0.09	10.00	50.00	4.6600	Red_Deer_5yr_Chicago_2h	C14STM212
GC1806	0.07	15.00	40.00	3.4100	Red_Deer_5yr_Chicago_2h	C16STM1087
GC1807	0.07	15.00	40.00	4.2100	Red_Deer_5yr_Chicago_2h	C16STM1087
GC1808	0.11	15.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h	C16STM1086
GC1809	0.12	15.00	40.00	3.3900	Red_Deer_5yr_Chicago_2h	CULV5170
GC181	0.08	15.00	40.00	3.7100	Red_Deer_5yr_Chicago_2h	A14STM32
GC1810	0.09	10.00	50.00	5.1500	Red_Deer_5yr_Chicago_2h	C15STM202
GC1811	0.11	10.00	50.00	2.9300	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1812	0.05	10.00	50.00	4.0100	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1813	0.05	10.00	50.00	4.1400	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1814	0.04	10.00	50.00	3.7200	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1815	0.05	10.00	50.00	3.5600	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1816	0.05	10.00	50.00	3.6900	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1817	0.07	10.00	50.00	4.6400	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1818	0.05	10.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1819	0.09	15.00	40.00	6.7600	Red_Deer_5yr_Chicago_2h	C12STM223
GC182	0.28	15.00	70.00	2.7800	Red_Deer_5yr_Chicago_2h	GCMH5
GC1820	0.05	10.00	50.00	3.5500	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1821	0.09	10.00	50.00	3.2600	Red_Deer_5yr_Chicago_2h	C15STM202
GC1822	0.04	10.00	50.00	3.6300	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1823	0.06	10.00	50.00	3.7100	Red_Deer_5yr_Chicago_2h	C14STM212
GC1824	0.06	10.00	50.00	3.4500	Red_Deer_5yr_Chicago_2h	C14STM212
GC1825	0.07	10.00	50.00	4.6000	Red_Deer_5yr_Chicago_2h	C15STM202
GC1826	0.04	10.00	50.00	4.1000	Red_Deer_5yr_Chicago_2h	C17STM1080
GC1827	0.07	10.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h	C15STM202
GC1828	0.12	15.00	50.00	3.2100	Red_Deer_5yr_Chicago_2h	C16STM1086
GC1829	0.04	10.00	50.00	3.7800	Red_Deer_5yr_Chicago_2h	C17STM1080
GC183	0.04	8.00	50.00	3.5100	Red_Deer_5yr_Chicago_2h	A7STM165
GC1830	0.05	15.00	50.00	2.8400	Red_Deer_5yr_Chicago_2h	C16STM1089
GC1831	0.12	15.00	40.00	3.9000	Red_Deer_5yr_Chicago_2h	C16STM1087
GC1833	0.10	10.00	50.00	2.9000	Red_Deer_5yr_Chicago_2h	C17STM1080

GC1834	0.09	15.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h C16STM1086
GC1835	0.05	10.00	50.00	3.9700	Red_Deer_5yr_Chicago_2h C17STM1080
GC1836	0.07	10.00	50.00	4.1000	Red_Deer_5yr_Chicago_2h C17STM1080
GC1838	0.08	15.00	40.00	5.2900	Red_Deer_5yr_Chicago_2h C13STM217
GC1839	0.05	15.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h C16STM1089
GC184	0.05	10.00	50.00	4.2400	Red_Deer_5yr_Chicago_2h GCMH1
GC1842	0.09	15.00	70.00	5.4200	Red_Deer_5yr_Chicago_2h C14STM211
GC1845_1	1.65	128.36	5.00	8.2500	Red_Deer_5yr_Chicago_2h J427_ADD
GC1845_2	2.17	183.97	5.00	10.4300	Red_Deer_5yr_Chicago_2h GCMH107
GC1845_3	1.21	183.97	5.00	10.4300	Red_Deer_5yr_Chicago_2h J16_ADD
GC1846	0.13	15.00	40.00	4.1000	Red_Deer_5yr_Chicago_2h CULV5171
GC1847	0.08	15.00	65.00	6.5600	Red_Deer_5yr_Chicago_2h D14STM243
GC1848	0.13	15.00	65.00	4.4900	Red_Deer_5yr_Chicago_2h C12STM256
GC1849	0.08	15.00	65.00	4.3700	Red_Deer_5yr_Chicago_2h D14STM243
GC185	0.06	8.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h GCMH1
GC1850	0.56	15.00	70.00	3.9500	Red_Deer_5yr_Chicago_2h CULV5171
GC1851	0.03	15.00	65.00	4.1300	Red_Deer_5yr_Chicago_2h C12STM256
GC1852	0.03	15.00	65.00	3.6100	Red_Deer_5yr_Chicago_2h C12STM256
GC1853	0.03	15.00	65.00	4.9700	Red_Deer_5yr_Chicago_2h C12STM256
GC1854	0.03	15.00	65.00	3.4100	Red_Deer_5yr_Chicago_2h C12STM256
GC1855	0.03	15.00	65.00	4.9600	Red_Deer_5yr_Chicago_2h C12STM253
GC1856	0.03	15.00	65.00	7.7300	Red_Deer_5yr_Chicago_2h C12STM253
GC1857	0.04	15.00	65.00	4.4100	Red_Deer_5yr_Chicago_2h C12STM253
GC1858	0.04	15.00	65.00	7.5800	Red_Deer_5yr_Chicago_2h C12STM253
GC1859	0.04	15.00	65.00	4.7900	Red_Deer_5yr_Chicago_2h C12STM253
GC186	0.06	15.00	40.00	5.3500	Red_Deer_5yr_Chicago_2h A5STM161
GC1860	0.08	15.00	40.00	5.7400	Red_Deer_5yr_Chicago_2h C13STM252
GC1861	0.04	15.00	65.00	3.9300	Red_Deer_5yr_Chicago_2h C12STM253
GC1862	0.08	15.00	40.00	4.4700	Red_Deer_5yr_Chicago_2h C12STM253
GC1863	0.07	15.00	40.00	6.4000	Red_Deer_5yr_Chicago_2h C13STM252
GC1864	0.09	15.00	40.00	5.6400	Red_Deer_5yr_Chicago_2h J16_ADD
GC1865	0.07	15.00	40.00	4.7400	Red_Deer_5yr_Chicago_2h C13STM252
GC1866	0.05	15.00	65.00	4.9100	Red_Deer_5yr_Chicago_2h D14STM243
GC1867	0.05	15.00	65.00	5.0600	Red_Deer_5yr_Chicago_2h D14STM243
GC1868	0.08	15.00	40.00	5.9300	Red_Deer_5yr_Chicago_2h C13STM252
GC1869	0.06	15.00	65.00	4.1500	Red_Deer_5yr_Chicago_2h D14STM243
GC187	0.07	15.00	40.00	3.8400	Red_Deer_5yr_Chicago_2h A5STM158
GC1870	0.06	15.00	65.00	4.0800	Red_Deer_5yr_Chicago_2h D14STM243
GC1871	0.06	15.00	65.00	5.2500	Red_Deer_5yr_Chicago_2h D14STM243
GC1872	0.06	15.00	65.00	4.3300	Red_Deer_5yr_Chicago_2h D14STM243
GC1873	0.06	15.00	65.00	4.1100	Red_Deer_5yr_Chicago_2h D14STM243
GC1874	0.06	15.00	65.00	5.4700	Red_Deer_5yr_Chicago_2h D14STM243
GC1875	0.88	65.00	40.00	4.5500	Red_Deer_5yr_Chicago_2h GCMH40
GC1876	0.11	15.00	65.00	5.9400	Red_Deer_5yr_Chicago_2h D14STM243
GC1877	0.50	15.00	70.00	3.9700	Red_Deer_5yr_Chicago_2h C11STM258
GC1878	0.07	15.00	40.00	5.2800	Red_Deer_5yr_Chicago_2h D13STM251
GC1879	0.49	40.21	30.00	2.8000	Red_Deer_5yr_Chicago_2h CULV5171
GC188	0.50	15.00	70.00	3.5300	Red_Deer_5yr_Chicago_2h A15STM691
GC1880	0.09	15.00	65.00	4.8600	Red_Deer_5yr_Chicago_2h D14STM245
GC1881	0.15	15.00	40.00	6.1400	Red_Deer_5yr_Chicago_2h J16_ADD
GC1882	0.07	15.00	40.00	5.1300	Red_Deer_5yr_Chicago_2h D13STM251
GC1883	0.06	15.00	40.00	3.2700	Red_Deer_5yr_Chicago_2h CULV5171
GC1884	0.05	15.00	40.00	3.8600	Red_Deer_5yr_Chicago_2h CULV5171
GC1885	0.05	15.00	40.00	3.2400	Red_Deer_5yr_Chicago_2h CULV5171
GC1886	0.05	15.00	40.00	3.8600	Red_Deer_5yr_Chicago_2h CULV5171
GC1887	0.05	15.00	40.00	3.6300	Red_Deer_5yr_Chicago_2h CULV5171
GC1888	0.04	15.00	40.00	3.1300	Red_Deer_5yr_Chicago_2h CULV5171
GC1889	0.04	15.00	40.00	4.0000	Red_Deer_5yr_Chicago_2h CULV5171
GC189	0.07	15.00	65.00	3.2600	Red_Deer_5yr_Chicago_2h A5STM160
GC1890	0.04	15.00	40.00	3.8700	Red_Deer_5yr_Chicago_2h CULV5171
GC1891	0.04	15.00	40.00	3.7100	Red_Deer_5yr_Chicago_2h CULV5171
GC1892	0.04	15.00	40.00	3.8800	Red_Deer_5yr_Chicago_2h CULV5171
GC1893	0.09	15.00	40.00	4.9700	Red_Deer_5yr_Chicago_2h CULV5171
GC1894	0.05	15.00	40.00	3.9400	Red_Deer_5yr_Chicago_2h CULV5171
GC1895	0.08	15.00	40.00	5.0200	Red_Deer_5yr_Chicago_2h J16_ADD
GC1896	0.07	15.00	40.00	5.4300	Red_Deer_5yr_Chicago_2h D13STM251
GC1897	0.05	15.00	40.00	3.6600	Red_Deer_5yr_Chicago_2h CULV5171
GC1898	0.05	15.00	40.00	3.7300	Red_Deer_5yr_Chicago_2h CULV5171
GC1899	2.01	141.70	30.00	6.0900	Red_Deer_5yr_Chicago_2h GCMH80
GC19	3.02	15.00	70.00	7.2200	Red_Deer_5yr_Chicago_2h A14STM26
GC190	0.06	15.00	65.00	4.1600	Red_Deer_5yr_Chicago_2h A5STM160
GC1900	0.05	15.00	40.00	4.0300	Red_Deer_5yr_Chicago_2h CULV5171
GC1901	0.07	15.00	65.00	5.7300	Red_Deer_5yr_Chicago_2h D14STM243
GC1902	0.21	15.00	70.00	4.2800	Red_Deer_5yr_Chicago_2h C12STM253
GC1903	0.21	15.00	70.00	2.7800	Red_Deer_5yr_Chicago_2h GCMH41

GC1904	0.06	15.00	40.00	3.4400	Red_Deer_5yr_Chicago_2h CULV5171
GC1905	0.10	15.00	70.00	3.1300	Red_Deer_5yr_Chicago_2h GCMH110
GC1906	0.05	15.00	65.00	5.0400	Red_Deer_5yr_Chicago_2h D14STM245
GC1907	0.07	15.00	40.00	3.1700	Red_Deer_5yr_Chicago_2h D13STM251
GC1908	0.05	15.00	40.00	3.1700	Red_Deer_5yr_Chicago_2h CULV5171
GC1909	0.27	15.00	70.00	4.1600	Red_Deer_5yr_Chicago_2h C13STM252
GC191	0.07	15.00	40.00	5.3900	Red_Deer_5yr_Chicago_2h A15STM2
GC1910	0.06	15.00	40.00	3.8700	Red_Deer_5yr_Chicago_2h CULV5171
GC1911_1	2.33	88.42	15.00	4.1300	Red_Deer_5yr_Chicago_2h GCMH37
GC1911_2	1.61	58.42	15.00	4.1300	Red_Deer_5yr_Chicago_2h B17STM1071
GC1912	0.07	15.00	40.00	5.1000	Red_Deer_5yr_Chicago_2h C12STM256
GC1913	0.14	17.60	30.00	6.7500	Red_Deer_5yr_Chicago_2h CULV5171
GC1914	0.06	15.00	40.00	3.4100	Red_Deer_5yr_Chicago_2h CULV5171
GC1915	0.17	15.00	40.00	5.8700	Red_Deer_5yr_Chicago_2h J16_ADD
GC1916	0.16	15.00	40.00	6.3500	Red_Deer_5yr_Chicago_2h J16_ADD
GC1917	0.06	15.00	65.00	3.8600	Red_Deer_5yr_Chicago_2h D14STM243
GC1918	0.07	15.00	40.00	7.2300	Red_Deer_5yr_Chicago_2h C12STM253
GC1919	0.07	15.00	40.00	5.4700	Red_Deer_5yr_Chicago_2h C12STM253
GC192	0.05	8.00	50.00	3.2500	Red_Deer_5yr_Chicago_2h GCMH132
GC1920	0.07	15.00	40.00	4.7000	Red_Deer_5yr_Chicago_2h C13STM252
GC1921	0.06	15.00	40.00	4.5500	Red_Deer_5yr_Chicago_2h C12STM256
GC1922	0.07	15.00	40.00	5.3400	Red_Deer_5yr_Chicago_2h D13STM251
GC1923	0.07	15.00	40.00	6.7000	Red_Deer_5yr_Chicago_2h C13STM252
GC1924	0.06	15.00	40.00	3.2500	Red_Deer_5yr_Chicago_2h CULV5171
GC1925	0.05	15.00	65.00	6.0200	Red_Deer_5yr_Chicago_2h D14STM245
GC1926	0.25	55.00	40.00	5.9300	Red_Deer_5yr_Chicago_2h GCMH41
GC1927	0.06	15.00	40.00	3.7200	Red_Deer_5yr_Chicago_2h CULV5171
GC1928	0.42	15.00	70.00	5.3800	Red_Deer_5yr_Chicago_2h CULV5158_Inlet
GC1929	0.06	15.00	65.00	3.7900	Red_Deer_5yr_Chicago_2h D14STM243
GC193	0.11	15.00	40.00	5.6700	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC1930	0.06	15.00	65.00	5.2900	Red_Deer_5yr_Chicago_2h D14STM243
GC1931	0.06	15.00	65.00	3.9700	Red_Deer_5yr_Chicago_2h D14STM243
GC1932	0.06	15.00	65.00	4.9100	Red_Deer_5yr_Chicago_2h D14STM243
GC1933	0.06	15.00	65.00	4.5600	Red_Deer_5yr_Chicago_2h D14STM243
GC1934	0.06	15.00	65.00	4.8500	Red_Deer_5yr_Chicago_2h D14STM243
GC1935	0.31	15.00	40.00	4.9900	Red_Deer_5yr_Chicago_2h GCMH40
GC1936	0.07	15.00	65.00	6.7500	Red_Deer_5yr_Chicago_2h D14STM243
GC1937	3.89	98.59	5.00	5.8900	Red_Deer_5yr_Chicago_2h GCMH130
GC1938	0.23	15.00	70.00	4.0200	Red_Deer_5yr_Chicago_2h D13STM251
GC1939	0.07	15.00	40.00	4.5500	Red_Deer_5yr_Chicago_2h C12STM256
GC194	0.04	8.00	50.00	3.9100	Red_Deer_5yr_Chicago_2h A7STM165
GC1940	0.04	15.00	40.00	4.8300	Red_Deer_5yr_Chicago_2h D13STM251
GC1941	0.05	15.00	65.00	3.6000	Red_Deer_5yr_Chicago_2h D14STM243
GC1942	0.06	15.00	40.00	3.6000	Red_Deer_5yr_Chicago_2h CULV5171
GC1943	0.06	15.00	40.00	3.0200	Red_Deer_5yr_Chicago_2h CULV5171
GC1944	0.05	15.00	65.00	6.8400	Red_Deer_5yr_Chicago_2h D14STM245
GC1945	0.07	15.00	40.00	3.9200	Red_Deer_5yr_Chicago_2h C12STM253
GC1946	0.07	15.00	40.00	4.0600	Red_Deer_5yr_Chicago_2h C12STM253
GC1947	0.07	15.00	40.00	5.1800	Red_Deer_5yr_Chicago_2h C12STM256
GC1948	0.04	15.00	40.00	4.7900	Red_Deer_5yr_Chicago_2h D13STM251
GC1949	0.07	15.00	40.00	3.9300	Red_Deer_5yr_Chicago_2h C13STM252
GC195	0.06	15.00	40.00	6.4600	Red_Deer_5yr_Chicago_2h A15STM3
GC1950	0.72	15.00	70.00	3.5600	Red_Deer_5yr_Chicago_2h J16_ADD
GC1951	0.06	15.00	40.00	3.7500	Red_Deer_5yr_Chicago_2h CULV5171
GC1952	0.07	15.00	40.00	5.5200	Red_Deer_5yr_Chicago_2h C13STM252
GC1953	0.05	15.00	40.00	3.7600	Red_Deer_5yr_Chicago_2h CULV5171
GC1954	0.61	15.00	70.00	3.8400	Red_Deer_5yr_Chicago_2h D14STM243
GC1955	0.43	15.00	70.00	2.8000	Red_Deer_5yr_Chicago_2h CULV5171
GC1956	0.04	15.00	40.00	3.9200	Red_Deer_5yr_Chicago_2h D13STM251
GC1957	0.07	15.00	40.00	4.2800	Red_Deer_5yr_Chicago_2h C12STM256
GC1958	0.16	15.00	40.00	5.6200	Red_Deer_5yr_Chicago_2h CULV5171
GC1959	0.18	15.00	40.00	5.1700	Red_Deer_5yr_Chicago_2h J16_ADD
GC196	0.06	15.00	40.00	2.6300	Red_Deer_5yr_Chicago_2h A13STM2275
GC1960	0.17	15.00	40.00	5.4200	Red_Deer_5yr_Chicago_2h J16_ADD
GC1961	0.07	15.00	40.00	6.6700	Red_Deer_5yr_Chicago_2h D13STM251
GC1962	0.06	15.00	40.00	3.0500	Red_Deer_5yr_Chicago_2h CULV5171
GC1963	0.05	15.00	65.00	4.8700	Red_Deer_5yr_Chicago_2h D14STM245
GC1964	0.05	15.00	40.00	4.0000	Red_Deer_5yr_Chicago_2h CULV5171
GC1965	0.07	15.00	40.00	3.7200	Red_Deer_5yr_Chicago_2h C12STM253
GC1966	0.07	15.00	40.00	4.9300	Red_Deer_5yr_Chicago_2h C12STM253
GC1967	0.04	15.00	40.00	4.0400	Red_Deer_5yr_Chicago_2h D13STM251
GC1968	0.07	15.00	40.00	5.3800	Red_Deer_5yr_Chicago_2h C12STM256
GC1969	0.05	15.00	40.00	4.3700	Red_Deer_5yr_Chicago_2h CULV5171
GC197	0.04	8.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h GCMH132
GC1970	0.04	15.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h CULV5171

GC1971	0.08	15.00	65.00	5.3600	Red_Deer_5yr_Chicago_2h D14STM243
GC1972	0.08	15.00	40.00	5.0000	Red_Deer_5yr_Chicago_2h C13STM252
GC1973	0.06	15.00	65.00	4.5800	Red_Deer_5yr_Chicago_2h D14STM243
GC1974	0.06	15.00	65.00	4.3200	Red_Deer_5yr_Chicago_2h D14STM243
GC1975	0.06	15.00	65.00	5.2600	Red_Deer_5yr_Chicago_2h D14STM243
GC1976	0.06	15.00	65.00	5.6000	Red_Deer_5yr_Chicago_2h D14STM243
GC1977	0.06	15.00	65.00	4.9900	Red_Deer_5yr_Chicago_2h D14STM243
GC1978	0.06	15.00	65.00	5.0500	Red_Deer_5yr_Chicago_2h D14STM243
GC1979	0.06	15.00	65.00	5.7000	Red_Deer_5yr_Chicago_2h D14STM243
GC198	0.05	15.00	40.00	5.8600	Red_Deer_5yr_Chicago_2h A5STM161
GC1980	0.07	15.00	65.00	4.6200	Red_Deer_5yr_Chicago_2h D14STM243
GC1981	13.12	362.25	30.00	3.6800	Red_Deer_5yr_Chicago_2h Golf_Course1
GC1982	0.04	15.00	40.00	5.8800	Red_Deer_5yr_Chicago_2h CULV5171
GC1983	0.05	15.00	40.00	4.5800	Red_Deer_5yr_Chicago_2h CULV5171
GC1984	0.12	15.00	40.00	5.5900	Red_Deer_5yr_Chicago_2h C13STM252
GC1985	0.04	15.00	40.00	3.1400	Red_Deer_5yr_Chicago_2h CULV5171
GC1986	0.07	15.00	40.00	4.7000	Red_Deer_5yr_Chicago_2h C12STM256
GC1987	0.05	15.00	65.00	4.4800	Red_Deer_5yr_Chicago_2h D14STM245
GC1988	0.07	15.00	40.00	8.0400	Red_Deer_5yr_Chicago_2h D13STM251
GC1989	0.09	15.00	40.00	6.0000	Red_Deer_5yr_Chicago_2h C13STM252
GC199	0.45	15.00	70.00	3.4500	Red_Deer_5yr_Chicago_2h A7STM166
GC1990	0.35	29.48	5.00	7.7200	Red_Deer_5yr_Chicago_2h C12STM253
GC1991	0.03	15.00	40.00	5.7400	Red_Deer_5yr_Chicago_2h CULV5171
GC1992	0.04	15.00	40.00	2.6600	Red_Deer_5yr_Chicago_2h CULV5171
GC1993	0.05	15.00	40.00	3.8600	Red_Deer_5yr_Chicago_2h CULV5171
GC1994	0.07	15.00	40.00	4.1200	Red_Deer_5yr_Chicago_2h C12STM253
GC1995	0.07	15.00	40.00	5.5100	Red_Deer_5yr_Chicago_2h C12STM253
GC1996	0.07	15.00	40.00	5.5800	Red_Deer_5yr_Chicago_2h C12STM256
GC1997	0.20	16.71	80.00	4.6900	Red_Deer_5yr_Chicago_2h CULV5158_Inlet
GC1998	0.07	15.00	40.00	4.0100	Red_Deer_5yr_Chicago_2h D13STM250
GC1999	0.03	15.00	40.00	5.6000	Red_Deer_5yr_Chicago_2h CULV5171
GC2	9.19	151.57	5.00	4.8800	Red_Deer_5yr_Chicago_2h Waterford_Station_Pond2
GC20	0.06	8.00	50.00	4.9600	Red_Deer_5yr_Chicago_2h A7STM165
GC200	0.04	8.00	50.00	3.5600	Red_Deer_5yr_Chicago_2h A7STM165
GC2000	0.26	15.00	70.00	3.7900	Red_Deer_5yr_Chicago_2h D14STM245
GC2001	0.04	15.00	40.00	2.8900	Red_Deer_5yr_Chicago_2h CULV5171
GC2002	0.05	15.00	40.00	3.6400	Red_Deer_5yr_Chicago_2h CULV5171
GC2003	0.05	15.00	65.00	4.9200	Red_Deer_5yr_Chicago_2h D14STM245
GC2004	0.07	15.00	40.00	8.2000	Red_Deer_5yr_Chicago_2h D13STM251
GC2005	0.18	15.00	40.00	5.2800	Red_Deer_5yr_Chicago_2h J16_ADD
GC2006	0.19	15.00	40.00	5.1900	Red_Deer_5yr_Chicago_2h J16_ADD
GC2007	0.08	15.00	65.00	5.5300	Red_Deer_5yr_Chicago_2h D14STM243
GC2008	0.06	15.00	40.00	5.5500	Red_Deer_5yr_Chicago_2h C12STM256
GC2009	0.04	15.00	40.00	4.3900	Red_Deer_5yr_Chicago_2h CULV5171
GC201	0.07	15.00	40.00	3.6200	Red_Deer_5yr_Chicago_2h A14STM27
GC2010	0.03	15.00	40.00	5.2700	Red_Deer_5yr_Chicago_2h CULV5171
GC2011	0.24	29.16	30.00	6.4400	Red_Deer_5yr_Chicago_2h D13STM251
GC2012	0.04	15.00	40.00	2.8700	Red_Deer_5yr_Chicago_2h CULV5171
GC2013	0.05	15.00	40.00	5.3000	Red_Deer_5yr_Chicago_2h CULV5171
GC2014	0.06	15.00	40.00	3.4300	Red_Deer_5yr_Chicago_2h D13STM250
GC2015	0.07	15.00	40.00	5.1700	Red_Deer_5yr_Chicago_2h C12STM253
GC2016	0.24	24.19	5.00	8.5900	Red_Deer_5yr_Chicago_2h CULV5179
GC2017	0.07	15.00	40.00	5.4600	Red_Deer_5yr_Chicago_2h C12STM253
GC2018	0.03	15.00	40.00	5.1100	Red_Deer_5yr_Chicago_2h CULV5171
GC2019	0.07	15.00	40.00	5.1500	Red_Deer_5yr_Chicago_2h C12STM256
GC202	0.07	15.00	40.00	3.4700	Red_Deer_5yr_Chicago_2h A14STM32
GC2020	6.64	110.00	40.00	4.6300	Red_Deer_5yr_Chicago_2h GCMH110
GC2021	0.05	15.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h CULV5171
GC2022	0.07	15.00	40.00	9.5100	Red_Deer_5yr_Chicago_2h D13STM250
GC2023	0.05	15.00	65.00	4.7600	Red_Deer_5yr_Chicago_2h D14STM245
GC2024	0.06	15.00	40.00	3.1900	Red_Deer_5yr_Chicago_2h D13STM250
GC2025	0.31	15.00	70.00	3.1700	Red_Deer_5yr_Chicago_2h GCMH99
GC2026	0.03	15.00	40.00	4.8800	Red_Deer_5yr_Chicago_2h CULV5171
GC2027	0.07	15.00	40.00	4.7800	Red_Deer_5yr_Chicago_2h CULV5171
GC2028	0.07	15.00	40.00	5.1700	Red_Deer_5yr_Chicago_2h C12STM253
GC2029	0.06	15.00	40.00	4.4100	Red_Deer_5yr_Chicago_2h C12STM256
GC203	0.08	15.00	40.00	6.3400	Red_Deer_5yr_Chicago_2h A12STM50
GC2030	0.07	15.00	40.00	4.7500	Red_Deer_5yr_Chicago_2h C12STM253
GC2031	0.06	15.00	40.00	3.7300	Red_Deer_5yr_Chicago_2h D14STM244
GC2032	0.07	15.00	40.00	4.9300	Red_Deer_5yr_Chicago_2h C12STM253
GC2033	0.07	15.00	40.00	3.5900	Red_Deer_5yr_Chicago_2h CULV5171
GC2034	0.09	15.00	65.00	3.7100	Red_Deer_5yr_Chicago_2h D14STM243
GC2035	1.47	81.06	30.00	6.7200	Red_Deer_5yr_Chicago_2h Beacon_Hill
GC2036	0.03	15.00	40.00	4.7800	Red_Deer_5yr_Chicago_2h CULV5171

GC2037	0.06	15.00	65.00	3.5800	Red_Deer_5yr_Chicago_2h D14STM243
GC2038	0.06	15.00	40.00	5.5500	Red_Deer_5yr_Chicago_2h C12STM253
GC2039	0.06	15.00	40.00	4.3400	Red_Deer_5yr_Chicago_2h D14STM244
GC204	0.06	8.00	50.00	3.6700	Red_Deer_5yr_Chicago_2h GCMH1
GC2040	0.07	15.00	40.00	5.3200	Red_Deer_5yr_Chicago_2h C12STM253
GC2041	0.07	15.00	40.00	5.2000	Red_Deer_5yr_Chicago_2h C12STM253
GC2042	0.07	15.00	40.00	4.8400	Red_Deer_5yr_Chicago_2h C12STM256
GC2043	0.53	55.00	40.00	5.6900	Red_Deer_5yr_Chicago_2h GCMH43
GC2044	0.05	15.00	65.00	3.7800	Red_Deer_5yr_Chicago_2h D14STM245
GC2045	0.05	15.00	65.00	4.2500	Red_Deer_5yr_Chicago_2h D14STM243
GC2046	0.05	15.00	65.00	4.6700	Red_Deer_5yr_Chicago_2h D14STM243
GC2047	0.06	15.00	65.00	4.0600	Red_Deer_5yr_Chicago_2h D14STM243
GC2048	0.05	15.00	65.00	4.6200	Red_Deer_5yr_Chicago_2h D14STM243
GC2049	0.05	15.00	65.00	4.4700	Red_Deer_5yr_Chicago_2h D14STM243
GC205	0.05	10.00	50.00	3.8100	Red_Deer_5yr_Chicago_2h GCMH1
GC2050	0.05	15.00	65.00	3.8600	Red_Deer_5yr_Chicago_2h D14STM243
GC2051	0.05	15.00	65.00	4.1700	Red_Deer_5yr_Chicago_2h D14STM243
GC2052	0.06	15.00	65.00	4.2600	Red_Deer_5yr_Chicago_2h D14STM243
GC2053	0.03	15.00	40.00	4.9800	Red_Deer_5yr_Chicago_2h CULV5171
GC2054	0.09	15.00	40.00	6.3500	Red_Deer_5yr_Chicago_2h D13STM250
GC2055	0.07	15.00	40.00	2.9300	Red_Deer_5yr_Chicago_2h CULV5171
GC2056	0.07	15.00	40.00	5.2700	Red_Deer_5yr_Chicago_2h C12STM253
GC2057	0.06	15.00	40.00	4.3300	Red_Deer_5yr_Chicago_2h D14STM244
GC2058	0.06	15.00	40.00	3.1000	Red_Deer_5yr_Chicago_2h CULV5171
GC2059	0.03	15.00	40.00	4.2000	Red_Deer_5yr_Chicago_2h CULV5171
GC206	0.36	15.00	70.00	2.9300	Red_Deer_5yr_Chicago_2h A13STM2272
GC2060	0.07	15.00	40.00	4.0200	Red_Deer_5yr_Chicago_2h D12STM255
GC2061	0.27	15.00	40.00	5.1800	Red_Deer_5yr_Chicago_2h J16_ADD
GC2062	0.06	15.00	40.00	3.6700	Red_Deer_5yr_Chicago_2h D14STM244
GC2063	0.56	15.00	70.00	3.9600	Red_Deer_5yr_Chicago_2h C12STM253
GC2064	0.35	15.00	70.00	3.9300	Red_Deer_5yr_Chicago_2h D13STM250
GC2065	0.06	15.00	40.00	6.1400	Red_Deer_5yr_Chicago_2h C12STM253
GC2066	0.05	15.00	65.00	4.0100	Red_Deer_5yr_Chicago_2h D14STM245
GC2067	0.06	15.00	40.00	2.7900	Red_Deer_5yr_Chicago_2h CULV5171
GC2068	0.09	15.00	40.00	6.4300	Red_Deer_5yr_Chicago_2h D13STM250
GC2069	0.05	15.00	40.00	4.5900	Red_Deer_5yr_Chicago_2h CULV5171
GC207	117.53	84.09	5.00	6.0100	Red_Deer_5yr_Chicago_2h GCMH4
GC2070	0.36	39.88	30.00	5.5500	Red_Deer_5yr_Chicago_2h J16_ADD
GC2071	0.05	15.00	40.00	4.3300	Red_Deer_5yr_Chicago_2h CULV5171
GC2072	0.05	15.00	40.00	5.1100	Red_Deer_5yr_Chicago_2h CULV5171
GC2073	0.06	15.00	40.00	3.9900	Red_Deer_5yr_Chicago_2h D14STM244
GC2074	0.06	15.00	40.00	6.1800	Red_Deer_5yr_Chicago_2h C12STM253
GC2075	0.07	15.00	40.00	3.9000	Red_Deer_5yr_Chicago_2h D14STM244
GC2076	0.06	15.00	40.00	2.8500	Red_Deer_5yr_Chicago_2h CULV5171
GC2077	0.08	15.00	40.00	5.8000	Red_Deer_5yr_Chicago_2h D13STM250
GC2078	0.04	15.00	40.00	3.6600	Red_Deer_5yr_Chicago_2h CULV5171
GC2079	0.06	15.00	40.00	4.2300	Red_Deer_5yr_Chicago_2h D12STM255
GC208	0.08	15.00	40.00	4.6200	Red_Deer_5yr_Chicago_2h A13STM44
GC2080	0.08	15.00	40.00	3.4000	Red_Deer_5yr_Chicago_2h CULV5171
GC2081	0.05	15.00	40.00	4.3400	Red_Deer_5yr_Chicago_2h CULV5171
GC2082	0.07	15.00	40.00	3.7700	Red_Deer_5yr_Chicago_2h CULV5171
GC2083	0.05	15.00	65.00	4.1300	Red_Deer_5yr_Chicago_2h D14STM245
GC2084	0.06	15.00	40.00	3.4200	Red_Deer_5yr_Chicago_2h CULV5171
GC2085	0.07	15.00	40.00	3.8000	Red_Deer_5yr_Chicago_2h D14STM247
GC2086	0.06	15.00	40.00	3.6100	Red_Deer_5yr_Chicago_2h D14STM247
GC2087	0.07	15.00	40.00	9.6700	Red_Deer_5yr_Chicago_2h D14STM244
GC2088	0.04	15.00	40.00	3.6300	Red_Deer_5yr_Chicago_2h CULV5171
GC2089	0.08	15.00	40.00	5.3500	Red_Deer_5yr_Chicago_2h D14STM244
GC209	0.07	15.00	40.00	5.9300	Red_Deer_5yr_Chicago_2h A13STM2272
GC2090	0.06	15.00	40.00	4.2500	Red_Deer_5yr_Chicago_2h D14STM247
GC2091	0.04	15.00	65.00	3.2500	Red_Deer_5yr_Chicago_2h D14STM245
GC2092	0.06	15.00	40.00	4.4700	Red_Deer_5yr_Chicago_2h D14STM247
GC2093	0.06	15.00	40.00	3.8600	Red_Deer_5yr_Chicago_2h D14STM245
GC2094	0.04	15.00	65.00	4.0100	Red_Deer_5yr_Chicago_2h D14STM245
GC2095	0.04	15.00	65.00	3.1500	Red_Deer_5yr_Chicago_2h D14STM245
GC2096	0.04	15.00	65.00	3.0600	Red_Deer_5yr_Chicago_2h D14STM245
GC2097	0.04	15.00	65.00	4.4500	Red_Deer_5yr_Chicago_2h D14STM245
GC2098	0.06	15.00	40.00	3.4100	Red_Deer_5yr_Chicago_2h D14STM247
GC2099	0.04	15.00	65.00	5.6000	Red_Deer_5yr_Chicago_2h D14STM245
GC21	0.05	8.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h A7STM165
GC210	0.06	15.00	40.00	3.1300	Red_Deer_5yr_Chicago_2h GCMH77
GC2100	0.04	15.00	40.00	4.0900	Red_Deer_5yr_Chicago_2h CULV5171
GC2101	0.08	15.00	40.00	5.0700	Red_Deer_5yr_Chicago_2h C12STM253
GC2102	0.07	15.00	40.00	5.1700	Red_Deer_5yr_Chicago_2h C12STM253
GC2103	0.07	15.00	40.00	5.6500	Red_Deer_5yr_Chicago_2h D12STM255

GC2104	0.07	15.00	40.00	5.5500	Red_Deer_5yr_Chicago_2h D12STM255
GC2105	0.08	15.00	40.00	6.7600	Red_Deer_5yr_Chicago_2h D12STM255
GC2106	0.07	15.00	40.00	4.3900	Red_Deer_5yr_Chicago_2h D12STM255
GC2107	0.07	15.00	40.00	5.4600	Red_Deer_5yr_Chicago_2h D12STM255
GC2108	0.07	15.00	40.00	4.7100	Red_Deer_5yr_Chicago_2h C12STM253
GC2109	0.07	15.00	40.00	6.2000	Red_Deer_5yr_Chicago_2h C12STM253
GC211	0.14	15.00	40.00	2.5600	Red_Deer_5yr_Chicago_2h A12STM50
GC2110	0.07	15.00	40.00	6.3000	Red_Deer_5yr_Chicago_2h C12STM253
GC2111	0.07	15.00	40.00	4.6400	Red_Deer_5yr_Chicago_2h D14STM244
GC2112	0.08	15.00	40.00	5.1700	Red_Deer_5yr_Chicago_2h D12STM255
GC2113	0.07	15.00	40.00	8.4400	Red_Deer_5yr_Chicago_2h D14STM244
GC2114	0.05	15.00	40.00	4.9400	Red_Deer_5yr_Chicago_2h CULV5171
GC2115	0.06	15.00	40.00	4.6100	Red_Deer_5yr_Chicago_2h D12STM255
GC2116	0.06	15.00	65.00	3.8600	Red_Deer_5yr_Chicago_2h D14STM245
GC2117	0.93	36.07	80.00	6.1400	Red_Deer_5yr_Chicago_2h J81_ADD
GC2118	0.04	15.00	40.00	4.4100	Red_Deer_5yr_Chicago_2h CULV5171
GC2119	0.06	15.00	40.00	3.5900	Red_Deer_5yr_Chicago_2h CULV5171
GC212	0.04	8.00	50.00	3.7400	Red_Deer_5yr_Chicago_2h A7STM165
GC2120	0.07	15.00	40.00	6.1200	Red_Deer_5yr_Chicago_2h D14STM244
GC2121	0.08	15.00	40.00	4.7800	Red_Deer_5yr_Chicago_2h C12STM253
GC2122	0.03	15.00	40.00	4.7500	Red_Deer_5yr_Chicago_2h CULV5171
GC2123	0.08	15.00	40.00	8.2700	Red_Deer_5yr_Chicago_2h D14STM244
GC2124	0.30	15.00	40.00	6.0000	Red_Deer_5yr_Chicago_2h J16_ADD
GC2125	0.03	15.00	40.00	4.8500	Red_Deer_5yr_Chicago_2h CULV5171
GC2126	0.07	15.00	40.00	4.3700	Red_Deer_5yr_Chicago_2h D14STM244
GC2127	0.05	15.00	40.00	3.4400	Red_Deer_5yr_Chicago_2h CULV5171
GC2128	0.03	15.00	40.00	4.1800	Red_Deer_5yr_Chicago_2h CULV5171
GC2129	0.04	15.00	40.00	4.2500	Red_Deer_5yr_Chicago_2h CULV5171
GC213	0.15	19.56	5.00	2.8800	Red_Deer_5yr_Chicago_2h A13STM49
GC2130	0.35	15.00	70.00	3.6400	Red_Deer_5yr_Chicago_2h D14STM245
GC2131	0.07	15.00	40.00	7.4800	Red_Deer_5yr_Chicago_2h D14STM244
GC2132	0.06	15.00	40.00	4.9800	Red_Deer_5yr_Chicago_2h D12STM255
GC2133	1.06	15.00	70.00	3.8700	Red_Deer_5yr_Chicago_2h D12STM255
GC2134	0.22	15.00	70.00	3.5900	Red_Deer_5yr_Chicago_2h GCMH50
GC2135	0.08	15.00	40.00	4.1200	Red_Deer_5yr_Chicago_2h D14STM244
GC2136	0.03	15.00	40.00	3.9800	Red_Deer_5yr_Chicago_2h CULV5171
GC2137	0.08	15.00	40.00	3.6500	Red_Deer_5yr_Chicago_2h C12STM253
GC2138	0.03	15.00	40.00	3.9400	Red_Deer_5yr_Chicago_2h CULV5171
GC2139	0.08	15.00	40.00	7.9100	Red_Deer_5yr_Chicago_2h D14STM244
GC214	0.06	15.00	40.00	3.1100	Red_Deer_5yr_Chicago_2h A13STM2272
GC2140	0.04	15.00	40.00	3.2800	Red_Deer_5yr_Chicago_2h CULV5171
GC2141	0.34	34.78	80.00	3.1900	Red_Deer_5yr_Chicago_2h CULV5171
GC2142	0.07	15.00	40.00	4.3900	Red_Deer_5yr_Chicago_2h D14STM244
GC2143	0.07	15.00	40.00	5.6100	Red_Deer_5yr_Chicago_2h D12STM255
GC2144	0.04	15.00	40.00	3.0000	Red_Deer_5yr_Chicago_2h CULV5171
GC2145	0.04	15.00	40.00	3.3300	Red_Deer_5yr_Chicago_2h CULV5171
GC2146	0.05	15.00	40.00	3.8900	Red_Deer_5yr_Chicago_2h CULV5171
GC2147	0.06	15.00	40.00	4.7100	Red_Deer_5yr_Chicago_2h D12STM255
GC2148	0.07	15.00	40.00	6.2700	Red_Deer_5yr_Chicago_2h D14STM244
GC2149	0.07	15.00	40.00	6.1400	Red_Deer_5yr_Chicago_2h D12STM255
GC215	0.06	15.00	40.00	5.0200	Red_Deer_5yr_Chicago_2h A5STM161
GC2150	0.03	15.00	40.00	3.0800	Red_Deer_5yr_Chicago_2h CULV5171
GC2151	0.48	15.00	40.00	5.1600	Red_Deer_5yr_Chicago_2h J16_ADD
GC2152	0.10	15.00	40.00	7.7200	Red_Deer_5yr_Chicago_2h D12STM255
GC2153	0.06	15.00	40.00	6.1900	Red_Deer_5yr_Chicago_2h D12STM255
GC2154	0.06	15.00	70.00	6.2700	Red_Deer_5yr_Chicago_2h GCMH47
GC2155	0.08	15.00	40.00	6.3100	Red_Deer_5yr_Chicago_2h C12STM253
GC2156	0.04	15.00	65.00	3.4700	Red_Deer_5yr_Chicago_2h D14STM247
GC2157	0.83	15.00	70.00	2.8500	Red_Deer_5yr_Chicago_2h CULV5171
GC2158	0.03	15.00	40.00	2.8900	Red_Deer_5yr_Chicago_2h CULV5171
GC2159	1.41	15.00	70.00	4.3700	Red_Deer_5yr_Chicago_2h J16_ADD
GC216	0.07	15.00	40.00	3.0300	Red_Deer_5yr_Chicago_2h A5STM158
GC2160	0.04	15.00	65.00	3.2200	Red_Deer_5yr_Chicago_2h D14STM247
GC2161	0.07	15.00	40.00	6.3500	Red_Deer_5yr_Chicago_2h D14STM244
GC2162	0.20	15.00	70.00	3.8300	Red_Deer_5yr_Chicago_2h J81_ADD
GC2163	2.39	27.27	5.00	6.0700	Red_Deer_5yr_Chicago_2h C11STM257
GC2164	0.04	15.00	65.00	3.6900	Red_Deer_5yr_Chicago_2h D14STM247
GC2165	0.04	15.00	65.00	4.0400	Red_Deer_5yr_Chicago_2h D14STM247
GC2166	0.08	10.46	80.00	4.6100	Red_Deer_5yr_Chicago_2h J81_ADD
GC2167	0.04	15.00	65.00	3.4800	Red_Deer_5yr_Chicago_2h D14STM247
GC2168	0.04	15.00	65.00	4.1000	Red_Deer_5yr_Chicago_2h D14STM247
GC2169	0.05	15.00	65.00	3.7400	Red_Deer_5yr_Chicago_2h D14STM245
GC217	0.08	15.00	65.00	2.7100	Red_Deer_5yr_Chicago_2h GCMH5
GC2170	0.04	15.00	65.00	3.7300	Red_Deer_5yr_Chicago_2h D14STM247
GC2171	0.05	15.00	65.00	3.8700	Red_Deer_5yr_Chicago_2h D14STM245

GC2172	0.05	15.00	65.00	3.9100	Red_Deer_5yr_Chicago_2h D14STM245
GC2173	0.05	15.00	65.00	4.4400	Red_Deer_5yr_Chicago_2h D14STM245
GC2174	0.04	15.00	65.00	4.5400	Red_Deer_5yr_Chicago_2h D14STM247
GC2175	0.05	15.00	65.00	4.1000	Red_Deer_5yr_Chicago_2h D14STM245
GC2176	0.05	15.00	65.00	4.0000	Red_Deer_5yr_Chicago_2h D14STM245
GC2177	0.05	15.00	65.00	3.4300	Red_Deer_5yr_Chicago_2h D14STM245
GC2178	0.05	15.00	65.00	4.8800	Red_Deer_5yr_Chicago_2h D14STM245
GC2179	0.05	15.00	65.00	5.1600	Red_Deer_5yr_Chicago_2h D14STM245
GC218	0.06	15.00	40.00	3.1400	Red_Deer_5yr_Chicago_2h A14STM31
GC2180	0.05	15.00	40.00	2.7200	Red_Deer_5yr_Chicago_2h CULV5171
GC2181	0.06	15.00	65.00	4.5500	Red_Deer_5yr_Chicago_2h D14STM245
GC2182	0.17	15.00	70.00	3.0800	Red_Deer_5yr_Chicago_2h GCMH157
GC2183	0.22	15.00	40.00	5.2700	Red_Deer_5yr_Chicago_2h J16_ADD
GC2184	0.07	15.00	40.00	5.5900	Red_Deer_5yr_Chicago_2h D14STM244
GC2185	0.07	16.98	30.00	2.7100	Red_Deer_5yr_Chicago_2h CULV5171
GC2186	0.09	15.00	40.00	3.5800	Red_Deer_5yr_Chicago_2h C12STM253
GC2187	0.05	15.00	40.00	3.4900	Red_Deer_5yr_Chicago_2h CULV5171
GC2188	0.27	19.32	80.00	3.6000	Red_Deer_5yr_Chicago_2h J82
GC2189	0.90	35.52	80.00	3.7900	Red_Deer_5yr_Chicago_2h Golf_Course1
GC219	0.07	15.00	65.00	3.6300	Red_Deer_5yr_Chicago_2h A5STM160
GC2190	0.06	15.00	40.00	5.9400	Red_Deer_5yr_Chicago_2h D12STM255
GC2191	0.07	15.00	40.00	4.3600	Red_Deer_5yr_Chicago_2h D14STM244
GC2192	0.07	9.90	80.00	3.3000	Red_Deer_5yr_Chicago_2h J81_ADD
GC2193	0.07	9.91	80.00	4.3300	Red_Deer_5yr_Chicago_2h J81_ADD
GC2194	0.07	9.90	80.00	3.3300	Red_Deer_5yr_Chicago_2h J81_ADD
GC2195	0.14	14.01	80.00	4.4600	Red_Deer_5yr_Chicago_2h J81_ADD
GC2196	0.10	11.72	80.00	3.6200	Red_Deer_5yr_Chicago_2h J81_ADD
GC2197	0.11	12.53	80.00	3.8000	Red_Deer_5yr_Chicago_2h J81_ADD
GC2198	0.28	15.00	70.00	4.1300	Red_Deer_5yr_Chicago_2h D14STM244
GC22	0.07	15.00	40.00	4.2600	Red_Deer_5yr_Chicago_2h A5STM158
GC220	0.06	15.00	65.00	3.8700	Red_Deer_5yr_Chicago_2h A5STM160
GC2200	0.03	15.00	40.00	3.5700	Red_Deer_5yr_Chicago_2h CULV5171
GC2201	0.09	15.00	40.00	8.3300	Red_Deer_5yr_Chicago_2h D14STM244
GC2202	0.07	15.00	40.00	8.4900	Red_Deer_5yr_Chicago_2h D12STM255
GC2203	0.08	15.00	40.00	4.4400	Red_Deer_5yr_Chicago_2h D14STM244
GC2204	0.12	15.00	40.00	5.4400	Red_Deer_5yr_Chicago_2h C12STM253
GC2205	0.03	15.00	40.00	3.3500	Red_Deer_5yr_Chicago_2h CULV5171
GC2206	0.08	10.35	80.00	3.7200	Red_Deer_5yr_Chicago_2h J81_ADD
GC2207	0.06	15.00	40.00	7.7200	Red_Deer_5yr_Chicago_2h D14STM244
GC2208	0.11	15.00	40.00	4.1100	Red_Deer_5yr_Chicago_2h C12STM253
GC2209	0.03	15.00	40.00	4.2800	Red_Deer_5yr_Chicago_2h CULV5171
GC221	0.05	8.00	50.00	3.1900	Red_Deer_5yr_Chicago_2h GCMH132
GC2210	0.07	15.00	40.00	2.9000	Red_Deer_5yr_Chicago_2h D14STM244
GC2211	0.06	15.00	40.00	8.7700	Red_Deer_5yr_Chicago_2h D14STM244
GC2212	0.06	15.00	40.00	6.0100	Red_Deer_5yr_Chicago_2h D12STM255
GC2213	0.04	15.00	40.00	3.5400	Red_Deer_5yr_Chicago_2h CULV5171
GC2214	0.06	10.00	40.00	3.9700	Red_Deer_5yr_Chicago_2h D14STM248
GC2215	0.41	15.00	70.00	3.5900	Red_Deer_5yr_Chicago_2h J30
GC2216	0.06	15.00	40.00	8.3000	Red_Deer_5yr_Chicago_2h D14STM244
GC2217	0.05	15.00	40.00	3.4200	Red_Deer_5yr_Chicago_2h CULV5171
GC2218	0.10	10.00	40.00	3.5700	Red_Deer_5yr_Chicago_2h D14STM248
GC2219	0.06	15.00	40.00	4.6400	Red_Deer_5yr_Chicago_2h D14STM244
GC222	0.04	8.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h GCMH132
GC2220	0.05	10.00	40.00	3.7900	Red_Deer_5yr_Chicago_2h D14STM248
GC2221	0.06	15.00	40.00	7.7500	Red_Deer_5yr_Chicago_2h D14STM244
GC2222	0.04	15.00	40.00	3.2700	Red_Deer_5yr_Chicago_2h CULV5171
GC2223	0.05	10.00	40.00	3.0500	Red_Deer_5yr_Chicago_2h D14STM248
GC2224	0.06	10.00	40.00	3.1500	Red_Deer_5yr_Chicago_2h D14STM248
GC2225	0.06	10.00	40.00	3.1200	Red_Deer_5yr_Chicago_2h D14STM248
GC2226	0.04	15.00	40.00	4.5300	Red_Deer_5yr_Chicago_2h CULV5171
GC2227	0.06	10.00	40.00	4.3000	Red_Deer_5yr_Chicago_2h D14STM248
GC2228	0.11	15.00	40.00	8.7800	Red_Deer_5yr_Chicago_2h D12STM255
GC2229	0.07	15.00	40.00	5.0800	Red_Deer_5yr_Chicago_2h D12STM255
GC223	0.04	8.00	50.00	3.9500	Red_Deer_5yr_Chicago_2h A7STM165
GC2230	0.06	15.00	40.00	4.9200	Red_Deer_5yr_Chicago_2h D12STM255
GC2231	0.04	15.00	40.00	3.3400	Red_Deer_5yr_Chicago_2h CULV5171
GC2232	0.06	10.00	40.00	3.7500	Red_Deer_5yr_Chicago_2h D14STM248
GC2233	0.06	15.00	40.00	5.4800	Red_Deer_5yr_Chicago_2h D12STM255
GC2234	0.06	15.00	40.00	6.8300	Red_Deer_5yr_Chicago_2h D14STM244
GC2235	0.03	15.00	40.00	4.3900	Red_Deer_5yr_Chicago_2h CULV5171
GC2236	0.10	15.00	40.00	4.0200	Red_Deer_5yr_Chicago_2h D14STM244
GC2237	0.31	15.00	40.00	5.2800	Red_Deer_5yr_Chicago_2h J16_ADD
GC2238	0.03	15.00	40.00	3.9500	Red_Deer_5yr_Chicago_2h CULV5171
GC2239	0.03	15.00	40.00	3.7300	Red_Deer_5yr_Chicago_2h CULV5171
GC224	0.07	15.00	40.00	4.9800	Red_Deer_5yr_Chicago_2h A15STM2

GC2240	0.04	15.00	40.00	3.5700	Red_Deer_5yr_Chicago_2h CULV5171
GC2241	0.06	15.00	40.00	4.4000	Red_Deer_5yr_Chicago_2h D12STM255
GC2242	0.04	15.00	40.00	3.9500	Red_Deer_5yr_Chicago_2h CULV5171
GC2243_1	0.21	40.00	50.00	6.3200	Red_Deer_5yr_Chicago_2h GCMH149
GC2243_2	0.17	10.00	50.00	6.3200	Red_Deer_5yr_Chicago_2h GCMH155
GC2244	0.20	15.00	70.00	3.2800	Red_Deer_5yr_Chicago_2h GCMH37
GC2245	0.07	15.00	40.00	3.2600	Red_Deer_5yr_Chicago_2h D14STM244
GC2246	0.17	15.00	70.00	3.0100	Red_Deer_5yr_Chicago_2h GCMH155
GC2247	0.07	15.00	40.00	3.4000	Red_Deer_5yr_Chicago_2h D14STM244
GC2248	0.06	15.00	40.00	6.6200	Red_Deer_5yr_Chicago_2h D14STM244
GC2249	0.11	10.00	40.00	5.4700	Red_Deer_5yr_Chicago_2h D14STM248
GC225	0.06	15.00	40.00	6.9500	Red_Deer_5yr_Chicago_2h A15STM3
GC2250	0.05	15.00	40.00	3.4000	Red_Deer_5yr_Chicago_2h D14STM244
GC2251	0.07	15.00	40.00	5.3600	Red_Deer_5yr_Chicago_2h D14STM244
GC2252	0.06	15.00	40.00	4.9900	Red_Deer_5yr_Chicago_2h D14STM244
GC2253	0.06	15.00	40.00	7.3000	Red_Deer_5yr_Chicago_2h D14STM244
GC2254	0.06	10.00	40.00	3.5300	Red_Deer_5yr_Chicago_2h D14STM248
GC2255	0.11	15.00	40.00	4.3100	Red_Deer_5yr_Chicago_2h D14STM244
GC2256	0.06	15.00	40.00	4.7500	Red_Deer_5yr_Chicago_2h D12STM255
GC2257	0.06	15.00	40.00	5.1100	Red_Deer_5yr_Chicago_2h D14STM244
GC2258	0.08	15.00	40.00	7.6200	Red_Deer_5yr_Chicago_2h D14STM244
GC2259	0.05	15.00	40.00	5.3300	Red_Deer_5yr_Chicago_2h D14STM244
GC226	1.91	15.00	70.00	7.4200	Red_Deer_5yr_Chicago_2h GCMH56
GC2260	0.06	15.00	40.00	6.3900	Red_Deer_5yr_Chicago_2h D14STM244
GC2261	0.06	10.00	40.00	4.1300	Red_Deer_5yr_Chicago_2h D14STM248
GC2262	0.10	15.00	40.00	7.2200	Red_Deer_5yr_Chicago_2h D12STM255
GC2263	0.15	15.00	70.00	2.8000	Red_Deer_5yr_Chicago_2h GCMH149
GC2264	0.06	15.00	40.00	5.8700	Red_Deer_5yr_Chicago_2h D14STM244
GC2265	0.06	10.00	40.00	4.2900	Red_Deer_5yr_Chicago_2h D14STM248
GC2266	0.07	15.00	40.00	5.4300	Red_Deer_5yr_Chicago_2h D12STM255
GC2267	0.26	20.68	30.00	4.6000	Red_Deer_5yr_Chicago_2h D14STM248
GC2268	0.08	15.00	40.00	5.5100	Red_Deer_5yr_Chicago_2h D12STM255
GC2269	0.06	15.00	40.00	5.4700	Red_Deer_5yr_Chicago_2h D12STM255
GC227	0.06	15.00	40.00	4.9200	Red_Deer_5yr_Chicago_2h A5STM161
GC2270	0.05	10.00	40.00	4.1500	Red_Deer_5yr_Chicago_2h D14STM248
GC2271	0.05	10.00	40.00	5.1800	Red_Deer_5yr_Chicago_2h D14STM248
GC2272	0.05	15.00	40.00	3.9400	Red_Deer_5yr_Chicago_2h D14STM244
GC2273	0.08	15.00	40.00	10.0700	Red_Deer_5yr_Chicago_2h J16_ADD
GC2274	0.58	65.00	40.00	3.6700	Red_Deer_5yr_Chicago_2h GCMH50
GC2275	0.07	15.00	40.00	5.8400	Red_Deer_5yr_Chicago_2h D14STM244
GC2276	0.11	15.00	40.00	5.8500	Red_Deer_5yr_Chicago_2h J16_ADD
GC2277	0.06	10.00	40.00	3.3000	Red_Deer_5yr_Chicago_2h D14STM248
GC2278	0.10	15.00	40.00	10.7200	Red_Deer_5yr_Chicago_2h D12STM255
GC2279	0.06	15.00	40.00	5.5400	Red_Deer_5yr_Chicago_2h D14STM244
GC228	0.06	15.00	40.00	6.8500	Red_Deer_5yr_Chicago_2h A13STM2272
GC2280	0.06	10.00	40.00	4.6500	Red_Deer_5yr_Chicago_2h D14STM248
GC2281	0.10	15.00	40.00	3.6800	Red_Deer_5yr_Chicago_2h D14STM244
GC2282	0.06	10.00	40.00	3.9900	Red_Deer_5yr_Chicago_2h D14STM248
GC2283	0.06	10.00	40.00	4.0200	Red_Deer_5yr_Chicago_2h D14STM248
GC2284	0.06	15.00	40.00	5.1200	Red_Deer_5yr_Chicago_2h D14STM244
GC2285	0.62	55.00	40.00	3.4300	Red_Deer_5yr_Chicago_2h GCMH136
GC2286	0.06	15.00	40.00	6.4200	Red_Deer_5yr_Chicago_2h D12STM255
GC2287	0.06	15.00	40.00	3.9700	Red_Deer_5yr_Chicago_2h D14STM244
GC2288	0.20	15.00	70.00	3.3000	Red_Deer_5yr_Chicago_2h GCMH36
GC2289	0.07	15.00	40.00	4.7400	Red_Deer_5yr_Chicago_2h D14STM244
GC229	0.06	8.00	50.00	3.7100	Red_Deer_5yr_Chicago_2h GCMH1
GC2290	0.07	15.00	40.00	8.9100	Red_Deer_5yr_Chicago_2h D14STM244
GC2291	0.06	10.00	40.00	3.7200	Red_Deer_5yr_Chicago_2h D14STM248
GC2292	0.06	15.00	40.00	3.9900	Red_Deer_5yr_Chicago_2h D14STM244
GC2293	0.07	15.00	40.00	4.7600	Red_Deer_5yr_Chicago_2h D14STM244
GC2294_1	0.10	30.00	50.00	7.1800	Red_Deer_5yr_Chicago_2h GCMH48
GC2294_3	0.17	30.00	50.00	7.1800	Red_Deer_5yr_Chicago_2h GCMH48
GC2294_4	0.23	30.00	50.00	7.1800	Red_Deer_5yr_Chicago_2h GCMH150
GC2294_5	0.13	30.00	50.00	7.1800	Red_Deer_5yr_Chicago_2h GCMH156
GC2295	0.06	10.00	40.00	4.3000	Red_Deer_5yr_Chicago_2h D14STM248
GC2296	0.10	15.00	40.00	3.9400	Red_Deer_5yr_Chicago_2h D14STM244
GC2297	0.06	10.00	40.00	3.3000	Red_Deer_5yr_Chicago_2h D14STM248
GC2298	0.06	10.00	40.00	3.9600	Red_Deer_5yr_Chicago_2h D14STM248
GC2299	0.06	15.00	40.00	5.4400	Red_Deer_5yr_Chicago_2h D14STM244
GC23	0.06	15.00	40.00	4.6500	Red_Deer_5yr_Chicago_2h A5STM161
GC230	0.05	10.00	50.00	4.8300	Red_Deer_5yr_Chicago_2h GCMH1
GC2300	0.07	15.00	40.00	5.0300	Red_Deer_5yr_Chicago_2h D14STM244
GC2301	0.10	15.00	40.00	6.7300	Red_Deer_5yr_Chicago_2h J16_ADD
GC2302	0.11	15.00	40.00	4.9100	Red_Deer_5yr_Chicago_2h J16_ADD
GC2303	0.07	15.00	40.00	5.3700	Red_Deer_5yr_Chicago_2h D14STM244

GC2304	0.06	10.00	40.00	3.3500	Red_Deer_5yr_Chicago_2h	D14STM248
GC2305	0.07	15.00	40.00	10.9500	Red_Deer_5yr_Chicago_2h	D12STM255
GC2306	0.07	15.00	40.00	6.5500	Red_Deer_5yr_Chicago_2h	D12STM255
GC2307	0.06	10.00	40.00	4.7300	Red_Deer_5yr_Chicago_2h	D14STM248
GC2308	0.06	10.00	40.00	4.7600	Red_Deer_5yr_Chicago_2h	D14STM248
GC2309	0.06	10.00	40.00	4.1400	Red_Deer_5yr_Chicago_2h	D14STM248
GC231	0.07	15.00	40.00	2.9900	Red_Deer_5yr_Chicago_2h	A14STM32
GC2310	0.07	15.00	40.00	5.7500	Red_Deer_5yr_Chicago_2h	D14STM244
GC2311	0.20	15.00	70.00	2.6900	Red_Deer_5yr_Chicago_2h	GCMH156
GC2312	0.06	15.00	40.00	5.4800	Red_Deer_5yr_Chicago_2h	D14STM244
GC2313	0.07	15.00	40.00	6.3300	Red_Deer_5yr_Chicago_2h	D14STM244
GC2314	0.05	10.00	40.00	4.4100	Red_Deer_5yr_Chicago_2h	D14STM248
GC2315	0.11	15.00	40.00	4.1500	Red_Deer_5yr_Chicago_2h	D14STM244
GC2316	0.07	15.00	40.00	5.2900	Red_Deer_5yr_Chicago_2h	D12STM255
GC2317	18.84	225.00	40.00	2.7500	Red_Deer_5yr_Chicago_2h	GCMH36
GC2318	0.06	15.00	40.00	4.6100	Red_Deer_5yr_Chicago_2h	D12STM255
GC2319	0.06	15.00	40.00	6.0700	Red_Deer_5yr_Chicago_2h	D12STM255
GC232	0.07	15.00	65.00	2.8200	Red_Deer_5yr_Chicago_2h	GCMH5
GC2320	0.11	15.00	40.00	6.9000	Red_Deer_5yr_Chicago_2h	D12STM255
GC2321	0.11	15.00	40.00	6.1300	Red_Deer_5yr_Chicago_2h	D12STM255
GC2322	0.06	15.00	40.00	3.8200	Red_Deer_5yr_Chicago_2h	D14STM244
GC2323	0.16	15.00	70.00	3.5400	Red_Deer_5yr_Chicago_2h	GCMH136
GC2324	0.07	15.00	40.00	4.4800	Red_Deer_5yr_Chicago_2h	D14STM244
GC2325	0.07	15.00	40.00	7.2200	Red_Deer_5yr_Chicago_2h	D14STM244
GC2326	0.05	10.00	40.00	3.3500	Red_Deer_5yr_Chicago_2h	D14STM248
GC2327	0.05	10.00	40.00	4.0700	Red_Deer_5yr_Chicago_2h	D14STM248
GC2328_1	7.65	165.90	50.00	5.3900	Red_Deer_5yr_Chicago_2h	J116
GC2328_2	5.39	139.32	50.00	5.5100	Red_Deer_5yr_Chicago_2h	GC2163
GC2329	0.06	10.00	40.00	4.9200	Red_Deer_5yr_Chicago_2h	D14STM248
GC233	0.07	15.00	65.00	3.9400	Red_Deer_5yr_Chicago_2h	GCMH5
GC2330	0.03	8.00	65.00	8.7800	Red_Deer_5yr_Chicago_2h	D14STM244
GC2331	0.06	15.00	40.00	4.5600	Red_Deer_5yr_Chicago_2h	D14STM244
GC2332	0.08	15.00	40.00	4.8600	Red_Deer_5yr_Chicago_2h	D14STM244
GC2333	0.07	15.00	40.00	6.9800	Red_Deer_5yr_Chicago_2h	D14STM244
GC2334	0.06	10.00	40.00	4.4300	Red_Deer_5yr_Chicago_2h	D14STM248
GC2335	0.25	15.00	70.00	5.0500	Red_Deer_5yr_Chicago_2h	GCMH48
GC2336	0.10	15.00	40.00	4.4200	Red_Deer_5yr_Chicago_2h	D14STM244
GC2337	0.04	8.00	65.00	5.4000	Red_Deer_5yr_Chicago_2h	D14STM244
GC2339	0.07	15.00	40.00	4.7900	Red_Deer_5yr_Chicago_2h	D14STM244
GC234	0.07	15.00	65.00	3.9500	Red_Deer_5yr_Chicago_2h	GCMH5
GC2340	0.05	10.00	40.00	3.8000	Red_Deer_5yr_Chicago_2h	D14STM248
GC2341	1.18	15.00	70.00	4.0900	Red_Deer_5yr_Chicago_2h	D14STM248
GC2342	0.06	10.00	40.00	4.6300	Red_Deer_5yr_Chicago_2h	D14STM248
GC2343	0.07	15.00	40.00	5.4200	Red_Deer_5yr_Chicago_2h	D14STM244
GC2344	0.07	15.00	40.00	4.7700	Red_Deer_5yr_Chicago_2h	D14STM244
GC2345	0.04	8.00	65.00	6.1900	Red_Deer_5yr_Chicago_2h	D14STM244
GC2346	0.11	10.00	40.00	4.6400	Red_Deer_5yr_Chicago_2h	D14STM248
GC2347	0.05	10.00	40.00	4.0700	Red_Deer_5yr_Chicago_2h	D14STM248
GC2348	0.24	15.00	70.00	3.1900	Red_Deer_5yr_Chicago_2h	GCMH35
GC2349	0.07	15.00	40.00	5.4900	Red_Deer_5yr_Chicago_2h	D14STM244
GC235	0.07	15.00	65.00	4.0700	Red_Deer_5yr_Chicago_2h	GCMH5
GC2350	0.05	10.00	40.00	3.5500	Red_Deer_5yr_Chicago_2h	D14STM248
GC2351	0.04	8.00	65.00	4.7200	Red_Deer_5yr_Chicago_2h	D14STM244
GC2352	0.07	15.00	40.00	4.9800	Red_Deer_5yr_Chicago_2h	D14STM244
GC2353	0.06	10.00	40.00	3.9900	Red_Deer_5yr_Chicago_2h	D14STM248
GC2354	0.06	15.00	40.00	3.8400	Red_Deer_5yr_Chicago_2h	D14STM244
GC2355	0.05	10.00	40.00	4.1800	Red_Deer_5yr_Chicago_2h	D14STM248
GC2356	0.07	15.00	40.00	4.8400	Red_Deer_5yr_Chicago_2h	D14STM244
GC2357	0.04	8.00	65.00	4.5600	Red_Deer_5yr_Chicago_2h	D14STM244
GC2358	0.07	15.00	40.00	6.7900	Red_Deer_5yr_Chicago_2h	D14STM244
GC2359	3.91	147.67	30.00	3.4800	Red_Deer_5yr_Chicago_2h	GCMH37
GC236	0.09	15.00	65.00	4.8700	Red_Deer_5yr_Chicago_2h	GCMH5
GC2360	0.07	15.00	40.00	3.7600	Red_Deer_5yr_Chicago_2h	D14STM244
GC2361	0.05	10.00	40.00	3.3400	Red_Deer_5yr_Chicago_2h	D14STM248
GC2362	0.05	10.00	40.00	4.8100	Red_Deer_5yr_Chicago_2h	D14STM248
GC2363	0.42	55.00	50.00	3.2700	Red_Deer_5yr_Chicago_2h	GCMH156
GC2364	0.05	10.00	50.00	4.0200	Red_Deer_5yr_Chicago_2h	GCMH137
GC2365	0.04	8.00	65.00	6.5900	Red_Deer_5yr_Chicago_2h	D14STM244
GC2366	0.06	10.00	40.00	4.6800	Red_Deer_5yr_Chicago_2h	D14STM248
GC2367	0.45	55.00	50.00	3.4800	Red_Deer_5yr_Chicago_2h	GCMH136
GC2368	0.05	10.00	40.00	4.5100	Red_Deer_5yr_Chicago_2h	D14STM248
GC2369	0.07	15.00	40.00	4.6100	Red_Deer_5yr_Chicago_2h	D14STM244
GC237	0.04	8.00	50.00	3.7000	Red_Deer_5yr_Chicago_2h	A7STM165
GC2370	0.07	15.00	40.00	4.8100	Red_Deer_5yr_Chicago_2h	D14STM244
GC2372	0.04	8.00	65.00	7.9800	Red_Deer_5yr_Chicago_2h	D14STM244

GC2373	0.06	10.00	40.00	4.7200	Red_Deer_5yr_Chicago_2h D14STM248
GC2374	0.06	10.00	40.00	4.4500	Red_Deer_5yr_Chicago_2h D14STM248
GC2375	0.06	15.00	40.00	3.9100	Red_Deer_5yr_Chicago_2h D14STM244
GC2376	0.04	10.00	50.00	3.6500	Red_Deer_5yr_Chicago_2h GCMH137
GC2377	0.07	15.00	40.00	3.6200	Red_Deer_5yr_Chicago_2h D14STM244
GC2378	0.05	10.00	50.00	4.4200	Red_Deer_5yr_Chicago_2h GCMH137
GC2379	0.04	8.00	65.00	4.2500	Red_Deer_5yr_Chicago_2h D14STM244
GC238	0.06	15.00	40.00	5.2000	Red_Deer_5yr_Chicago_2h A15STM4
GC2380	0.05	10.00	40.00	3.0800	Red_Deer_5yr_Chicago_2h D14STM248
GC2381	0.06	10.00	40.00	4.8300	Red_Deer_5yr_Chicago_2h D14STM248
GC2382	0.06	15.00	40.00	4.6300	Red_Deer_5yr_Chicago_2h D14STM244
GC2384	0.07	15.00	40.00	4.6100	Red_Deer_5yr_Chicago_2h D14STM244
GC2385	0.06	10.00	40.00	4.2900	Red_Deer_5yr_Chicago_2h D14STM248
GC2386	0.05	10.00	50.00	4.0800	Red_Deer_5yr_Chicago_2h GCMH137
GC2387	0.06	10.00	40.00	4.0700	Red_Deer_5yr_Chicago_2h D14STM248
GC2388	0.06	15.00	40.00	5.4200	Red_Deer_5yr_Chicago_2h D14STM244
GC2389	0.08	15.00	40.00	3.6500	Red_Deer_5yr_Chicago_2h D14STM244
GC239	0.06	15.00	40.00	2.7800	Red_Deer_5yr_Chicago_2h A14STM31
GC2390	0.05	10.00	50.00	3.4600	Red_Deer_5yr_Chicago_2h GCMH137
GC2392	0.13	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h GCMH137
GC2393	0.06	10.00	40.00	3.6800	Red_Deer_5yr_Chicago_2h D14STM248
GC2394	0.07	15.00	40.00	3.1900	Red_Deer_5yr_Chicago_2h D14STM244
GC2395	0.07	15.00	40.00	3.0800	Red_Deer_5yr_Chicago_2h D14STM244
GC2396	0.06	10.00	40.00	4.2300	Red_Deer_5yr_Chicago_2h D14STM248
GC2397	0.05	10.00	50.00	3.4100	Red_Deer_5yr_Chicago_2h GCMH137
GC2398	0.07	15.00	40.00	3.9900	Red_Deer_5yr_Chicago_2h D14STM244
GC2399	0.06	15.00	40.00	3.1400	Red_Deer_5yr_Chicago_2h D14STM244
GC24	0.06	15.00	40.00	3.9900	Red_Deer_5yr_Chicago_2h A5STM161
GC240	0.06	15.00	40.00	5.1200	Red_Deer_5yr_Chicago_2h A15STM4
GC2400	0.06	10.00	40.00	3.5600	Red_Deer_5yr_Chicago_2h D14STM248
GC2401	0.06	10.00	40.00	5.2200	Red_Deer_5yr_Chicago_2h D14STM248
GC2403	0.05	10.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h GCMH137
GC2404	0.06	10.00	40.00	3.9900	Red_Deer_5yr_Chicago_2h D14STM248
GC2405	0.08	15.00	40.00	4.5200	Red_Deer_5yr_Chicago_2h D14STM244
GC2406	0.06	15.00	40.00	4.3900	Red_Deer_5yr_Chicago_2h D14STM244
GC2407	0.05	10.00	50.00	2.3500	Red_Deer_5yr_Chicago_2h GCMH137
GC2409	0.06	15.00	40.00	4.1100	Red_Deer_5yr_Chicago_2h D14STM244
GC241	0.06	15.00	40.00	4.3000	Red_Deer_5yr_Chicago_2h A15STM4
GC2410	0.06	10.00	40.00	4.0700	Red_Deer_5yr_Chicago_2h D14STM248
GC2411	0.42	55.00	50.00	3.2100	Red_Deer_5yr_Chicago_2h GCMH151
GC2412	0.07	15.00	40.00	3.0500	Red_Deer_5yr_Chicago_2h D14STM244
GC2413	0.18	15.00	70.00	2.8700	Red_Deer_5yr_Chicago_2h GCMH151
GC2414	0.05	10.00	40.00	4.0900	Red_Deer_5yr_Chicago_2h D14STM248
GC2415	0.05	10.00	40.00	4.4300	Red_Deer_5yr_Chicago_2h D14STM248
GC2416	0.05	10.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h GCMH137
GC2417	0.05	10.00	40.00	3.3200	Red_Deer_5yr_Chicago_2h D14STM248
GC2419	0.83	51.03	30.00	3.9800	Red_Deer_5yr_Chicago_2h D14STM244
GC242	0.06	15.00	40.00	4.9400	Red_Deer_5yr_Chicago_2h A15STM4
GC2420	0.07	15.00	40.00	3.7600	Red_Deer_5yr_Chicago_2h D14STM244
GC2421	0.06	10.00	40.00	3.4500	Red_Deer_5yr_Chicago_2h D14STM248
GC2422	0.08	15.00	40.00	5.2200	Red_Deer_5yr_Chicago_2h D14STM244
GC2423	0.11	15.00	70.00	3.2700	Red_Deer_5yr_Chicago_2h GCMH159
GC2424	0.38	31.64	30.00	3.1000	Red_Deer_5yr_Chicago_2h D14STM244
GC2425	0.07	15.00	40.00	4.0900	Red_Deer_5yr_Chicago_2h D14STM244
GC2427	0.06	15.00	40.00	3.3800	Red_Deer_5yr_Chicago_2h D14STM244
GC2428	0.08	10.00	50.00	3.6000	Red_Deer_5yr_Chicago_2h GCMH137
GC2429	0.07	15.00	40.00	3.5100	Red_Deer_5yr_Chicago_2h D14STM244
GC243	0.06	15.00	40.00	4.1700	Red_Deer_5yr_Chicago_2h A15STM4
GC2430	0.06	10.00	40.00	4.7100	Red_Deer_5yr_Chicago_2h D14STM248
GC2432	0.09	10.00	40.00	4.2300	Red_Deer_5yr_Chicago_2h D14STM248
GC2433	0.06	15.00	40.00	3.2200	Red_Deer_5yr_Chicago_2h D14STM244
GC2434	0.07	15.00	40.00	7.2600	Red_Deer_5yr_Chicago_2h D14STM244
GC2435	0.08	10.00	50.00	3.5900	Red_Deer_5yr_Chicago_2h GCMH159
GC2436	0.07	15.00	40.00	4.0500	Red_Deer_5yr_Chicago_2h D14STM244
GC2437	0.04	10.00	50.00	3.2000	Red_Deer_5yr_Chicago_2h GCMH159
GC2438	0.06	10.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h GCMH159
GC2439	0.06	10.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h GCMH159
GC244	0.10	15.00	40.00	4.7900	Red_Deer_5yr_Chicago_2h A12STM50
GC2441	0.08	15.00	40.00	3.3900	Red_Deer_5yr_Chicago_2h D14STM244
GC2442	0.06	10.00	40.00	4.4600	Red_Deer_5yr_Chicago_2h D14STM248
GC2443	0.06	10.00	40.00	4.5800	Red_Deer_5yr_Chicago_2h D14STM248
GC2444	0.06	10.00	40.00	3.8600	Red_Deer_5yr_Chicago_2h D14STM248
GC2445	0.05	10.00	50.00	3.7200	Red_Deer_5yr_Chicago_2h GCMH52
GC2446	0.06	10.00	40.00	4.6600	Red_Deer_5yr_Chicago_2h D14STM248
GC2447	0.06	15.00	40.00	3.4400	Red_Deer_5yr_Chicago_2h D14STM244

GC2448	0.05	10.00	40.00	3.6300	Red_Deer_5yr_Chicago_2h D14STM248
GC2449	0.06	10.00	40.00	5.4300	Red_Deer_5yr_Chicago_2h D14STM248
GC245	0.06	15.00	40.00	2.7300	Red_Deer_5yr_Chicago_2h A13STM2272
GC2450	0.09	10.00	40.00	4.2900	Red_Deer_5yr_Chicago_2h D14STM248
GC2451	0.31	15.00	70.00	3.0900	Red_Deer_5yr_Chicago_2h GCMH101
GC2452	0.07	15.00	40.00	5.5900	Red_Deer_5yr_Chicago_2h D14STM244
GC2453	0.06	15.00	40.00	3.4500	Red_Deer_5yr_Chicago_2h D14STM244
GC2454	0.05	10.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h GCMH52
GC2455	0.07	15.00	40.00	5.7000	Red_Deer_5yr_Chicago_2h D14STM244
GC2456	0.06	10.00	40.00	4.4500	Red_Deer_5yr_Chicago_2h D14STM248
GC2457	0.06	15.00	50.00	3.6800	Red_Deer_5yr_Chicago_2h GCMH154
GC2458	0.06	15.00	40.00	5.0700	Red_Deer_5yr_Chicago_2h D14STM244
GC2459	0.08	15.00	50.00	3.2000	Red_Deer_5yr_Chicago_2h GCMH141
GC246	0.09	15.00	65.00	4.3100	Red_Deer_5yr_Chicago_2h GCMH5
GC2460	0.07	10.00	40.00	3.7400	Red_Deer_5yr_Chicago_2h GCMH141
GC2461	0.08	10.00	40.00	2.8800	Red_Deer_5yr_Chicago_2h GCMH141
GC2462	0.08	10.00	50.00	3.3400	Red_Deer_5yr_Chicago_2h GCMH52
GC2463	0.07	10.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h GCMH141
GC2464	0.17	15.00	70.00	3.5500	Red_Deer_5yr_Chicago_2h GCMH138
GC2465	0.08	15.00	65.00	3.0200	Red_Deer_5yr_Chicago_2h D14STM244
GC2466	0.05	10.00	40.00	3.1900	Red_Deer_5yr_Chicago_2h GCMH154
GC2467	0.06	10.00	40.00	4.9600	Red_Deer_5yr_Chicago_2h D14STM248
GC2468	0.06	15.00	65.00	3.0900	Red_Deer_5yr_Chicago_2h D14STM244
GC2469	0.06	15.00	65.00	3.2200	Red_Deer_5yr_Chicago_2h D14STM244
GC247	0.05	8.00	50.00	3.9400	Red_Deer_5yr_Chicago_2h A7STM165
GC2470	0.06	15.00	65.00	2.7300	Red_Deer_5yr_Chicago_2h D14STM244
GC2471	0.07	10.00	50.00	3.4600	Red_Deer_5yr_Chicago_2h GCMH141
GC2472	0.06	15.00	65.00	2.8800	Red_Deer_5yr_Chicago_2h D14STM244
GC2473	0.06	15.00	65.00	2.8700	Red_Deer_5yr_Chicago_2h D14STM244
GC2474	0.06	15.00	65.00	3.1200	Red_Deer_5yr_Chicago_2h D14STM244
GC2475	0.06	10.00	40.00	2.8600	Red_Deer_5yr_Chicago_2h D14STM244
GC2476	0.05	10.00	40.00	4.5200	Red_Deer_5yr_Chicago_2h D14STM244
GC2477	0.05	10.00	40.00	3.1600	Red_Deer_5yr_Chicago_2h D14STM244
GC2478	0.05	10.00	40.00	3.0500	Red_Deer_5yr_Chicago_2h D14STM244
GC2479	0.06	10.00	40.00	3.4700	Red_Deer_5yr_Chicago_2h D14STM244
GC248	0.11	15.00	40.00	3.0600	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC2480	0.06	10.00	40.00	3.2200	Red_Deer_5yr_Chicago_2h D14STM244
GC2481	0.06	10.00	40.00	3.8300	Red_Deer_5yr_Chicago_2h D14STM244
GC2482	0.06	10.00	40.00	4.2600	Red_Deer_5yr_Chicago_2h D14STM244
GC2483	0.06	15.00	65.00	3.4900	Red_Deer_5yr_Chicago_2h D14STM244
GC2484	0.09	10.00	50.00	3.6600	Red_Deer_5yr_Chicago_2h GCMH141
GC2485	0.12	15.00	70.00	3.8800	Red_Deer_5yr_Chicago_2h GCMH51
GC2486	0.11	15.00	70.00	2.8500	Red_Deer_5yr_Chicago_2h GCMH133
GC2487	0.26	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h GCMH141
GC2488	0.06	10.00	40.00	4.7300	Red_Deer_5yr_Chicago_2h D14STM248
GC2489	0.08	10.00	50.00	3.4600	Red_Deer_5yr_Chicago_2h GCMH52
GC249	0.06	15.00	40.00	4.0400	Red_Deer_5yr_Chicago_2h A13STM44
GC2490	0.07	10.00	40.00	3.3900	Red_Deer_5yr_Chicago_2h GCMH154
GC2491	0.04	15.00	65.00	5.9900	Red_Deer_5yr_Chicago_2h D14STM244
GC2492	0.47	15.00	70.00	3.8200	Red_Deer_5yr_Chicago_2h D14STM244
GC2493	0.04	15.00	65.00	3.0300	Red_Deer_5yr_Chicago_2h D14STM244
GC2494	0.08	15.00	65.00	3.0800	Red_Deer_5yr_Chicago_2h D14STM244
GC2495	0.11	10.00	40.00	2.9500	Red_Deer_5yr_Chicago_2h GCMH154
GC2496	0.10	10.00	40.00	3.4900	Red_Deer_5yr_Chicago_2h D14STM248
GC2497	0.10	10.00	50.00	4.2700	Red_Deer_5yr_Chicago_2h GCMH52
GC2498	0.05	15.00	65.00	4.0500	Red_Deer_5yr_Chicago_2h D14STM244
GC2499	0.06	10.00	40.00	4.4900	Red_Deer_5yr_Chicago_2h GCMH141
GC25	0.07	15.00	40.00	2.8100	Red_Deer_5yr_Chicago_2h A5STM158
GC250	0.16	15.00	40.00	3.9300	Red_Deer_5yr_Chicago_2h A12STM50
GC2500	0.04	15.00	65.00	2.8900	Red_Deer_5yr_Chicago_2h D14STM244
GC2501	0.05	10.00	40.00	3.6500	Red_Deer_5yr_Chicago_2h GCMH141
GC2502	0.06	10.00	40.00	3.8500	Red_Deer_5yr_Chicago_2h GCMH141
GC2503	0.09	10.00	40.00	3.9100	Red_Deer_5yr_Chicago_2h GCMH154
GC2504	0.06	10.00	50.00	3.9700	Red_Deer_5yr_Chicago_2h GCMH141
GC2505	0.04	15.00	65.00	5.1300	Red_Deer_5yr_Chicago_2h D14STM244
GC2506	0.06	15.00	65.00	4.4100	Red_Deer_5yr_Chicago_2h D14STM244
GC2507	0.06	15.00	65.00	3.4900	Red_Deer_5yr_Chicago_2h D14STM244
GC2508	0.06	15.00	65.00	5.6100	Red_Deer_5yr_Chicago_2h D14STM244
GC2509	0.06	15.00	65.00	3.3200	Red_Deer_5yr_Chicago_2h D14STM244
GC251	0.04	8.00	50.00	4.1300	Red_Deer_5yr_Chicago_2h GCMH132
GC2510	0.04	15.00	65.00	3.6800	Red_Deer_5yr_Chicago_2h D14STM244
GC2511	0.06	15.00	65.00	3.4400	Red_Deer_5yr_Chicago_2h D14STM244
GC2512	0.06	15.00	65.00	4.4700	Red_Deer_5yr_Chicago_2h D14STM244
GC2513	0.06	10.00	40.00	5.2600	Red_Deer_5yr_Chicago_2h D14STM244
GC2514	0.06	10.00	40.00	3.5800	Red_Deer_5yr_Chicago_2h D14STM244

GC2515	0.06	10.00	40.00	4.2200	Red_Deer_5yr_Chicago_2h D14STM244
GC2516	0.06	10.00	40.00	4.5000	Red_Deer_5yr_Chicago_2h D14STM244
GC2517	0.06	10.00	40.00	4.4200	Red_Deer_5yr_Chicago_2h D14STM244
GC2518	0.06	10.00	40.00	3.7300	Red_Deer_5yr_Chicago_2h D14STM244
GC2519	0.06	10.00	40.00	4.1600	Red_Deer_5yr_Chicago_2h D14STM244
GC252	0.06	15.00	40.00	3.4500	Red_Deer_5yr_Chicago_2h GCMH77
GC2520	0.41	15.00	70.00	2.3700	Red_Deer_5yr_Chicago_2h GCMH142
GC2521	0.06	10.00	40.00	3.6500	Red_Deer_5yr_Chicago_2h D14STM244
GC2522	0.11	10.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h GCMH141
GC2523	0.10	10.00	40.00	3.2300	Red_Deer_5yr_Chicago_2h D14STM244
GC2524	0.51	15.00	70.00	3.2600	Red_Deer_5yr_Chicago_2h GCMH144
GC2525	0.14	10.00	50.00	4.0300	Red_Deer_5yr_Chicago_2h GCMH138
GC2526	0.15	15.00	70.00	2.9400	Red_Deer_5yr_Chicago_2h GCMH139
GC2527	2.23	74.61	5.00	4.2000	Red_Deer_5yr_Chicago_2h GCMH133
GC2528	2.37	85.00	70.00	6.7400	Red_Deer_5yr_Chicago_2h GCMH143
GC2529	2.20	85.00	70.00	4.4900	Red_Deer_5yr_Chicago_2h GCMH143
GC253	0.05	8.00	50.00	3.6800	Red_Deer_5yr_Chicago_2h GCMH132
GC2530	0.46	15.00	70.00	2.7000	Red_Deer_5yr_Chicago_2h GCMH134
GC2531	2.42	85.00	70.00	4.6200	Red_Deer_5yr_Chicago_2h GCMH142
GC2532	1.04	61.20	80.00	3.2900	Red_Deer_5yr_Chicago_2h GCMH102
GC2533	3.49	136.73	30.00	3.9600	Red_Deer_5yr_Chicago_2h J74_ADD
GC2534	0.61	64.83	80.00	3.6600	Red_Deer_5yr_Chicago_2h GCMH100
GC254	0.07	15.00	40.00	2.6100	Red_Deer_5yr_Chicago_2h A14STM31
GC255	0.07	15.00	40.00	3.0100	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC256	0.07	15.00	40.00	5.1000	Red_Deer_5yr_Chicago_2h A15STM2
GC257	0.06	15.00	40.00	4.0900	Red_Deer_5yr_Chicago_2h A5STM161
GC258	0.07	15.00	65.00	2.8400	Red_Deer_5yr_Chicago_2h A5STM160
GC259	0.07	15.00	40.00	4.1800	Red_Deer_5yr_Chicago_2h A5STM158
GC26	0.12	17.20	5.00	4.4900	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC260	0.06	15.00	65.00	4.2100	Red_Deer_5yr_Chicago_2h A5STM160
GC261	0.06	8.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h GCMH1
GC262	0.05	10.00	50.00	4.8200	Red_Deer_5yr_Chicago_2h GCMH1
GC263	0.04	8.00	50.00	3.5800	Red_Deer_5yr_Chicago_2h A7STM165
GC264	0.06	15.00	40.00	7.1200	Red_Deer_5yr_Chicago_2h A15STM3
GC265	0.06	15.00	40.00	4.8200	Red_Deer_5yr_Chicago_2h A5STM161
GC266	0.07	15.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC267	0.09	15.00	40.00	6.3100	Red_Deer_5yr_Chicago_2h A13STM2271
GC268	0.06	15.00	40.00	2.9500	Red_Deer_5yr_Chicago_2h A13STM2272
GC269	0.04	8.00	50.00	4.2100	Red_Deer_5yr_Chicago_2h A7STM165
GC27	0.09	15.00	65.00	2.8200	Red_Deer_5yr_Chicago_2h A5STM160
GC270	0.06	15.00	40.00	3.7200	Red_Deer_5yr_Chicago_2h A13STM44
GC271	0.04	8.00	50.00	3.5500	Red_Deer_5yr_Chicago_2h GCMH132
GC272	0.14	15.00	40.00	4.3600	Red_Deer_5yr_Chicago_2h A12STM50
GC273	0.04	8.00	50.00	3.6900	Red_Deer_5yr_Chicago_2h GCMH132
GC275	0.04	8.00	50.00	3.8200	Red_Deer_5yr_Chicago_2h A7STM165
GC276	0.07	15.00	40.00	4.3900	Red_Deer_5yr_Chicago_2h A11STM239
GC277	0.05	8.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h GCMH1
GC278	0.04	10.00	50.00	3.4700	Red_Deer_5yr_Chicago_2h GCMH1
GC279	0.07	15.00	40.00	3.9800	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC28	0.09	15.00	65.00	3.4500	Red_Deer_5yr_Chicago_2h A5STM160
GC280	0.06	15.00	40.00	4.4100	Red_Deer_5yr_Chicago_2h B17STM685
GC281	0.06	15.00	40.00	5.0600	Red_Deer_5yr_Chicago_2h GCMH77
GC282	0.05	8.00	50.00	4.4200	Red_Deer_5yr_Chicago_2h A7STM165
GC283	0.31	15.00	70.00	3.6500	Red_Deer_5yr_Chicago_2h A12STM50
GC284	0.06	15.00	40.00	3.3100	Red_Deer_5yr_Chicago_2h A13STM2272
GC285	0.29	15.00	70.00	3.6600	Red_Deer_5yr_Chicago_2h A15STM4
GC286	0.06	15.00	40.00	3.0500	Red_Deer_5yr_Chicago_2h A13STM44
GC287	0.34	15.00	70.00	3.0600	Red_Deer_5yr_Chicago_2h A5STM160
GC288	0.04	8.00	50.00	3.8200	Red_Deer_5yr_Chicago_2h GCMH132
GC289	0.06	15.00	40.00	3.5400	Red_Deer_5yr_Chicago_2h A5STM161
GC29	0.08	8.00	50.00	2.8200	Red_Deer_5yr_Chicago_2h GCMH132
GC290	0.11	15.00	40.00	5.4300	Red_Deer_5yr_Chicago_2h A12STM50
GC291	0.05	8.00	50.00	3.9600	Red_Deer_5yr_Chicago_2h GCMH132
GC292	0.04	8.00	50.00	3.7900	Red_Deer_5yr_Chicago_2h A7STM165
GC293	0.52	15.00	70.00	2.8300	Red_Deer_5yr_Chicago_2h GCMH132
GC294	0.05	8.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h GCMH1
GC295	0.07	15.00	40.00	3.9500	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC296	0.04	10.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h GCMH1
GC297	0.09	15.00	40.00	5.4000	Red_Deer_5yr_Chicago_2h B17STM680
GC298	0.08	15.00	40.00	4.9800	Red_Deer_5yr_Chicago_2h A12STM50
GC299	0.04	8.00	50.00	4.3700	Red_Deer_5yr_Chicago_2h A7STM165
GC3	9.79	156.46	5.00	4.0300	Red_Deer_5yr_Chicago_2h GCMH88
GC30	0.08	8.00	50.00	3.5200	Red_Deer_5yr_Chicago_2h GCMH1
GC300	0.09	15.00	40.00	5.4100	Red_Deer_5yr_Chicago_2h A13STM2271
GC301	0.08	15.00	40.00	4.5100	Red_Deer_5yr_Chicago_2h B17STM680

GC302	0.06	15.00	40.00	3.5300	Red_Deer_5yr_Chicago_2h A11STM239
GC303	0.14	15.00	40.00	4.5500	Red_Deer_5yr_Chicago_2h B17STM680
GC304	0.07	15.00	40.00	4.6700	Red_Deer_5yr_Chicago_2h B17STM680
GC305	0.06	15.00	40.00	3.6200	Red_Deer_5yr_Chicago_2h A13STM44
GC306	0.06	15.00	40.00	3.5600	Red_Deer_5yr_Chicago_2h B17STM685
GC307	0.06	15.00	40.00	2.7200	Red_Deer_5yr_Chicago_2h A13STM2272
GC308	0.06	15.00	40.00	4.1800	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC309	0.09	15.00	40.00	4.4500	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC31	0.06	8.00	50.00	2.9900	Red_Deer_5yr_Chicago_2h GCMH132
GC310_1	0.17	15.00	70.00	2.9100	Red_Deer_5yr_Chicago_2h GCMH32
GC310_2	0.56	15.00	70.00	2.9100	Red_Deer_5yr_Chicago_2h GCMH1
GC311	0.06	15.00	40.00	3.4200	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Ph2
GC312	0.06	15.00	40.00	4.6300	Red_Deer_5yr_Chicago_2h A16STM689
GC313	0.06	15.00	40.00	5.9400	Red_Deer_5yr_Chicago_2h A16STM689
GC314	0.06	15.00	40.00	4.8800	Red_Deer_5yr_Chicago_2h A16STM688
GC315	0.06	15.00	40.00	3.5700	Red_Deer_5yr_Chicago_2h A16STM688
GC316	0.06	15.00	40.00	5.4300	Red_Deer_5yr_Chicago_2h B17STM685
GC317	0.04	8.00	50.00	4.1600	Red_Deer_5yr_Chicago_2h GCMH132
GC318	0.29	15.00	70.00	2.7200	Red_Deer_5yr_Chicago_2h A16STM689
GC319	0.14	15.00	40.00	3.3100	Red_Deer_5yr_Chicago_2h B17STM680
GC32	0.04	8.00	50.00	4.0600	Red_Deer_5yr_Chicago_2h A7STM165
GC320	0.05	8.00	50.00	4.3700	Red_Deer_5yr_Chicago_2h A7STM165
GC321	0.19	15.00	40.00	5.0900	Red_Deer_5yr_Chicago_2h A13STM46
GC322	0.10	15.00	40.00	3.4000	Red_Deer_5yr_Chicago_2h A11STM239
GC323	0.05	8.00	50.00	3.3900	Red_Deer_5yr_Chicago_2h GCMH1
GC324	0.71	42.08	5.00	5.9400	Red_Deer_5yr_Chicago_2h GCMH77
GC325	0.07	15.00	40.00	2.8200	Red_Deer_5yr_Chicago_2h A14STM31
GC326	0.05	8.00	50.00	3.2500	Red_Deer_5yr_Chicago_2h GCMH132
GC327	0.06	15.00	40.00	4.7900	Red_Deer_5yr_Chicago_2h A5STM161
GC328	0.09	15.00	40.00	5.3300	Red_Deer_5yr_Chicago_2h A12STM50
GC329	0.53	36.45	5.00	4.5400	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Phase1
GC33	0.13	8.00	50.00	3.5300	Red_Deer_5yr_Chicago_2h GCMH1
GC330	0.06	8.00	50.00	4.8800	Red_Deer_5yr_Chicago_2h A7STM165
GC331	0.06	15.00	40.00	3.9600	Red_Deer_5yr_Chicago_2h A13STM44
GC332	0.10	15.00	40.00	4.8100	Red_Deer_5yr_Chicago_2h A12STM50
GC333	0.08	15.00	40.00	3.1000	Red_Deer_5yr_Chicago_2h GCMH77
GC334	0.06	15.00	40.00	4.5800	Red_Deer_5yr_Chicago_2h A11STM239
GC335	0.06	15.00	40.00	4.2000	Red_Deer_5yr_Chicago_2h GCMH83
GC336	0.06	15.00	40.00	6.9500	Red_Deer_5yr_Chicago_2h GCMH83
GC337	0.06	15.00	40.00	5.7100	Red_Deer_5yr_Chicago_2h A5STM160
GC338	0.07	8.00	50.00	3.8900	Red_Deer_5yr_Chicago_2h GCMH132
GC339	0.06	15.00	40.00	5.9100	Red_Deer_5yr_Chicago_2h A5STM160
GC34	0.06	8.00	50.00	2.7600	Red_Deer_5yr_Chicago_2h GCMH1
GC340	0.06	15.00	40.00	5.2400	Red_Deer_5yr_Chicago_2h A5STM160
GC341	0.05	15.00	40.00	4.8600	Red_Deer_5yr_Chicago_2h A5STM160
GC342	0.06	15.00	40.00	5.9900	Red_Deer_5yr_Chicago_2h A5STM160
GC343	0.06	15.00	40.00	5.0700	Red_Deer_5yr_Chicago_2h A5STM160
GC344	0.06	15.00	40.00	4.3600	Red_Deer_5yr_Chicago_2h A5STM160
GC345	0.06	15.00	40.00	4.4100	Red_Deer_5yr_Chicago_2h A5STM160
GC346	0.06	15.00	40.00	7.3000	Red_Deer_5yr_Chicago_2h A5STM160
GC347	0.06	15.00	40.00	6.2500	Red_Deer_5yr_Chicago_2h A15STM5
GC348	0.06	15.00	40.00	6.4500	Red_Deer_5yr_Chicago_2h A15STM5
GC349	0.06	15.00	40.00	3.1400	Red_Deer_5yr_Chicago_2h B17STM685
GC35	0.05	8.00	50.00	2.6300	Red_Deer_5yr_Chicago_2h GCMH132
GC350	0.06	15.00	40.00	6.6300	Red_Deer_5yr_Chicago_2h A15STM5
GC351	0.06	15.00	40.00	6.7300	Red_Deer_5yr_Chicago_2h GCMH83
GC352	0.06	15.00	40.00	5.6200	Red_Deer_5yr_Chicago_2h GCMH83
GC353	0.06	15.00	40.00	3.5900	Red_Deer_5yr_Chicago_2h A14STM31
GC354	0.06	15.00	40.00	7.1700	Red_Deer_5yr_Chicago_2h GCMH83
GC355	0.15	15.00	70.00	3.7800	Red_Deer_5yr_Chicago_2h GCMH97
GC356	0.13	15.00	70.00	2.3800	Red_Deer_5yr_Chicago_2h A14STM33
GC357	0.06	15.00	40.00	4.1000	Red_Deer_5yr_Chicago_2h A5STM160
GC358	0.42	15.00	70.00	2.8200	Red_Deer_5yr_Chicago_2h A16STM688
GC359	0.06	15.00	40.00	3.2300	Red_Deer_5yr_Chicago_2h Fox_Run_PH14
GC36	0.06	8.00	50.00	2.5400	Red_Deer_5yr_Chicago_2h GCMH132
GC360	0.06	15.00	40.00	5.7400	Red_Deer_5yr_Chicago_2h A16STM689
GC361	0.06	15.00	40.00	2.9600	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Ph2
GC362	0.06	15.00	40.00	4.8100	Red_Deer_5yr_Chicago_2h A16STM688
GC363	0.09	15.00	40.00	3.0400	Red_Deer_5yr_Chicago_2h A13STM2271
GC364	0.37	15.00	70.00	2.4600	Red_Deer_5yr_Chicago_2h A14STM27
GC365	0.06	15.00	40.00	4.9100	Red_Deer_5yr_Chicago_2h A16STM689
GC366	0.06	15.00	40.00	5.8600	Red_Deer_5yr_Chicago_2h B17STM685

GC367	0.06	15.00	40.00	4.1400	Red_Deer_5yr_Chicago_2h A16STM688
GC368	0.06	15.00	40.00	4.4900	Red_Deer_5yr_Chicago_2h GCMH77
GC369	0.04	8.00	50.00	3.0200	Red_Deer_5yr_Chicago_2h GCMH132
GC37	0.08	8.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h GCMH1
GC370	0.33	15.00	70.00	3.2100	Red_Deer_5yr_Chicago_2h A11STM239
GC371	0.06	15.00	40.00	3.9300	Red_Deer_5yr_Chicago_2h A13STM44
GC372	0.16	10.00	50.00	6.0700	Red_Deer_5yr_Chicago_2h GCMH1
GC373	0.09	15.00	40.00	5.7300	Red_Deer_5yr_Chicago_2h B17STM680
GC374	0.06	15.00	40.00	4.1300	Red_Deer_5yr_Chicago_2h A11STM239
GC375	0.13	15.00	40.00	3.8500	Red_Deer_5yr_Chicago_2h A13STM2271
GC376	0.06	15.00	40.00	6.1600	Red_Deer_5yr_Chicago_2h A5STM161
GC378	0.10	15.00	40.00	5.0800	Red_Deer_5yr_Chicago_2h A13STM46
GC379	0.11	16.33	5.00	7.3800	Red_Deer_5yr_Chicago_2h GCMH98
GC38	0.05	8.00	50.00	2.7800	Red_Deer_5yr_Chicago_2h GCMH1
GC380	0.14	15.00	70.00	3.4200	Red_Deer_5yr_Chicago_2h A6STM163
GC381	0.76	15.00	70.00	4.7900	Red_Deer_5yr_Chicago_2h GCMH107
GC382	0.06	15.00	40.00	3.7200	Red_Deer_5yr_Chicago_2h A11STM239
GC383	0.08	15.00	40.00	3.8000	Red_Deer_5yr_Chicago_2h A11STM239
GC384	0.10	15.00	40.00	4.0900	Red_Deer_5yr_Chicago_2h A12STM50
GC385	0.06	15.00	40.00	3.3100	Red_Deer_5yr_Chicago_2h B17STM685
GC386	0.20	15.00	40.00	4.3500	Red_Deer_5yr_Chicago_2h A13STM46
GC387	0.06	15.00	40.00	4.5200	Red_Deer_5yr_Chicago_2h A11STM239
GC388	0.10	15.00	40.00	3.4900	Red_Deer_5yr_Chicago_2h B17STM680
GC389	0.06	15.00	40.00	3.9200	Red_Deer_5yr_Chicago_2h A13STM44
GC39	0.07	8.00	50.00	4.6800	Red_Deer_5yr_Chicago_2h A7STM165
GC390	0.04	8.00	50.00	2.8200	Red_Deer_5yr_Chicago_2h GCMH132
GC391	0.06	15.00	40.00	2.9600	Red_Deer_5yr_Chicago_2h Fox_Run_PH14
GC392	0.04	8.00	50.00	4.0500	Red_Deer_5yr_Chicago_2h GCMH132
GC393	0.06	15.00	40.00	5.1700	Red_Deer_5yr_Chicago_2h A16STM688
GC394	0.06	15.00	40.00	6.3600	Red_Deer_5yr_Chicago_2h B17STM685
GC395	0.06	15.00	40.00	4.7800	Red_Deer_5yr_Chicago_2h A16STM688
GC396	0.06	15.00	40.00	2.9900	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Ph2
GC397	0.06	15.00	40.00	7.1800	Red_Deer_5yr_Chicago_2h A16STM689
GC398	0.06	15.00	40.00	6.3000	Red_Deer_5yr_Chicago_2h A16STM689
GC399	0.03	16.94	30.00	2.7900	Red_Deer_5yr_Chicago_2h GCMH91
GC4	0.81	44.94	5.00	7.3000	Red_Deer_5yr_Chicago_2h CULV5170
GC40	0.11	8.00	50.00	3.3500	Red_Deer_5yr_Chicago_2h GCMH132
GC400	0.06	15.00	40.00	4.4000	Red_Deer_5yr_Chicago_2h A11STM239
GC401	0.02	15.78	30.00	3.3100	Red_Deer_5yr_Chicago_2h GCMH91
GC402	0.02	15.46	30.00	4.1700	Red_Deer_5yr_Chicago_2h GCMH91
GC403	0.02	15.46	30.00	4.9700	Red_Deer_5yr_Chicago_2h GCMH91
GC404	0.02	15.46	30.00	5.3300	Red_Deer_5yr_Chicago_2h GCMH91
GC405	0.02	15.46	30.00	5.0200	Red_Deer_5yr_Chicago_2h GCMH91
GC406	0.02	15.46	30.00	4.3300	Red_Deer_5yr_Chicago_2h GCMH91
GC407	0.02	15.46	30.00	3.4200	Red_Deer_5yr_Chicago_2h GCMH91
GC408	0.02	15.46	30.00	3.5000	Red_Deer_5yr_Chicago_2h GCMH91
GC409	0.02	15.46	30.00	3.5800	Red_Deer_5yr_Chicago_2h GCMH91
GC41	0.60	38.88	5.00	5.4500	Red_Deer_5yr_Chicago_2h GCMH140
GC410	0.02	15.46	30.00	4.0000	Red_Deer_5yr_Chicago_2h GCMH91
GC411	0.02	15.46	30.00	3.7800	Red_Deer_5yr_Chicago_2h GCMH91
GC412	0.06	8.00	50.00	3.7700	Red_Deer_5yr_Chicago_2h B7STM167
GC413	0.02	15.46	30.00	2.9100	Red_Deer_5yr_Chicago_2h GCMH91
GC414	0.12	15.00	40.00	4.9400	Red_Deer_5yr_Chicago_2h A13STM46
GC415	0.03	16.06	30.00	3.4800	Red_Deer_5yr_Chicago_2h GCMH91
GC416	0.07	15.00	40.00	3.5900	Red_Deer_5yr_Chicago_2h A11STM239
GC417	0.03	18.63	30.00	2.7200	Red_Deer_5yr_Chicago_2h GCMH91
GC418	0.06	15.00	40.00	4.5300	Red_Deer_5yr_Chicago_2h A13STM44
GC419	0.07	15.00	40.00	6.2300	Red_Deer_5yr_Chicago_2h B17STM680
GC42	0.07	15.00	40.00	3.7600	Red_Deer_5yr_Chicago_2h A5STM158
GC420	0.05	21.45	30.00	3.8100	Red_Deer_5yr_Chicago_2h GCMH91
GC421	0.06	15.00	40.00	2.7400	Red_Deer_5yr_Chicago_2h Fox_Run_PH14
GC422	0.06	8.00	50.00	3.1800	Red_Deer_5yr_Chicago_2h GCMH32
GC423	0.05	8.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h B7STM167
GC424	0.04	8.00	50.00	3.8100	Red_Deer_5yr_Chicago_2h GCMH132
GC425	0.07	15.00	40.00	3.6600	Red_Deer_5yr_Chicago_2h B11STM238
GC426	0.06	15.00	40.00	2.9300	Red_Deer_5yr_Chicago_2h B17STM685
GC427	0.05	8.00	50.00	3.0800	Red_Deer_5yr_Chicago_2h GCMH132
GC428	1.09	52.20	5.00	7.2300	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Phase1
GC429	1.47	51.07	30.00	3.6400	Red_Deer_5yr_Chicago_2h J19
GC43	0.66	15.00	65.00	4.8300	Red_Deer_5yr_Chicago_2h GCMH123
GC430	0.04	8.00	50.00	3.2500	Red_Deer_5yr_Chicago_2h GCMH32
GC432	0.10	15.00	40.00	3.9300	Red_Deer_5yr_Chicago_2h A12STM50
GC433	0.06	15.00	40.00	5.0500	Red_Deer_5yr_Chicago_2h A16STM688

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GC434    0.06   15.00   40.00   6.2500 Red_Deer_5yr_Chicago_2h B17STM685
GC435    0.06   15.00   40.00   2.7000 Red_Deer_5yr_Chicago_2h
Lakeway_Landing_Ph2
GC436    0.06   15.00   40.00   5.9000 Red_Deer_5yr_Chicago_2h A16STM688
GC437    0.02   15.56   30.00   3.1500 Red_Deer_5yr_Chicago_2h GCMH91
GC438    0.08   15.00   40.00   4.1100 Red_Deer_5yr_Chicago_2h A11STM239
GC439    0.04    8.00   50.00   4.0500 Red_Deer_5yr_Chicago_2h B7STM167
GC44     0.05   15.00   40.00   3.0900 Red_Deer_5yr_Chicago_2h A5STM161
GC440    0.06   15.00   40.00   4.6700 Red_Deer_5yr_Chicago_2h B14STM30
GC441    0.04   18.87   30.00   2.9300 Red_Deer_5yr_Chicago_2h GCMH91
GC442    0.06   15.00   70.00   2.1000 Red_Deer_5yr_Chicago_2h GCMH91
GC443    0.07   15.00   40.00   4.1700 Red_Deer_5yr_Chicago_2h B11STM238
GC444    0.07   15.00   40.00   3.6100 Red_Deer_5yr_Chicago_2h B11STM238
GC445    0.06   15.00   40.00   3.3300 Red_Deer_5yr_Chicago_2h Fox_Run_PH14
GC446    0.08   15.00   40.00   6.5600 Red_Deer_5yr_Chicago_2h A16STM689
GC447    0.07   15.00   40.00   7.1000 Red_Deer_5yr_Chicago_2h A16STM689
GC448    0.07   15.00   40.00   3.9500 Red_Deer_5yr_Chicago_2h B17STM680
GC449    0.14   15.00   40.00   3.2800 Red_Deer_5yr_Chicago_2h B17STM680
GC45     0.09   15.00   40.00   3.7500 Red_Deer_5yr_Chicago_2h A15STM2
GC450    0.04    8.00   50.00   3.6700 Red_Deer_5yr_Chicago_2h B7STM167
GC451    0.04    8.00   50.00   4.5300 Red_Deer_5yr_Chicago_2h GCMH132
GC452    0.05    8.00   50.00   3.4000 Red_Deer_5yr_Chicago_2h GCMH32
GC453    0.18   15.00   70.00   2.4700 Red_Deer_5yr_Chicago_2h GCMH91
GC454    0.07   15.00   40.00   5.6700 Red_Deer_5yr_Chicago_2h B17STM680
GC455    0.04    8.00   50.00   3.5300 Red_Deer_5yr_Chicago_2h GCMH32
GC456    0.09   15.00   40.00   3.9800 Red_Deer_5yr_Chicago_2h A11STM239
GC457    0.07   15.00   40.00   4.1400 Red_Deer_5yr_Chicago_2h B17STM680
GC458    3.07   87.65    5.00   5.1300 Red_Deer_5yr_Chicago_2h A13STM45
GC459    0.24   15.00   70.00   2.9900 Red_Deer_5yr_Chicago_2h A13STM46
GC46     0.10   15.00   65.00   3.1500 Red_Deer_5yr_Chicago_2h A5STM160
GC460    0.06   15.00   40.00   3.1200 Red_Deer_5yr_Chicago_2h B17STM685
GC461    0.07   15.00   40.00   4.0300 Red_Deer_5yr_Chicago_2h B14STM35
GC462    0.05    8.00   50.00   3.9200 Red_Deer_5yr_Chicago_2h GCMH132
GC463    0.07   15.00   40.00   4.2200 Red_Deer_5yr_Chicago_2h B14STM35
GC464    0.07   15.00   40.00   4.1900 Red_Deer_5yr_Chicago_2h GCMH6
GC465    0.07   15.00   40.00   3.8000 Red_Deer_5yr_Chicago_2h GCMH6
GC466    0.10   15.00   40.00   4.2300 Red_Deer_5yr_Chicago_2h
Lakeway_Landing_Phase1
GC467    0.07   15.00   40.00   3.9800 Red_Deer_5yr_Chicago_2h
Lakeway_Landing_Phase1
GC468    0.07   15.00   40.00   3.9000 Red_Deer_5yr_Chicago_2h B11STM238
GC469    0.08   15.00   40.00   3.4200 Red_Deer_5yr_Chicago_2h A11STM239
GC47     0.08   15.00   65.00   3.6400 Red_Deer_5yr_Chicago_2h A5STM160
GC470    0.04    8.00   50.00   4.6000 Red_Deer_5yr_Chicago_2h B7STM167
GC471    0.03   17.35   30.00   2.6200 Red_Deer_5yr_Chicago_2h GCMH91
GC472    0.03   16.25   30.00   2.3000 Red_Deer_5yr_Chicago_2h GCMH91
GC473    0.08   15.00   40.00   3.7600 Red_Deer_5yr_Chicago_2h B14STM35
GC474    0.07   15.00   40.00   6.0400 Red_Deer_5yr_Chicago_2h
Lakeway_Landing_Phase1
GC475    0.06   15.00   40.00   5.2400 Red_Deer_5yr_Chicago_2h A16STM688
GC476    0.06   15.00   40.00   6.4200 Red_Deer_5yr_Chicago_2h B17STM685
GC477    0.27   15.00   70.00   3.2400 Red_Deer_5yr_Chicago_2h B15STM20
GC478    0.06   15.00   40.00   3.0300 Red_Deer_5yr_Chicago_2h Fox_Run_PH14
GC479    0.27   15.00   70.00   2.6700 Red_Deer_5yr_Chicago_2h B17STM685
GC48     0.06   15.00   40.00   4.4000 Red_Deer_5yr_Chicago_2h A5STM161
GC480    0.07   15.00   40.00   5.1700 Red_Deer_5yr_Chicago_2h B11STM238
GC481    0.03   16.22   30.00   4.2800 Red_Deer_5yr_Chicago_2h GCMH91
GC482    0.09   15.00   40.00   3.8400 Red_Deer_5yr_Chicago_2h A13STM46
GC483    0.06   15.00   40.00   3.3500 Red_Deer_5yr_Chicago_2h
Lakeway_Landing_Ph2
GC484    0.04    8.00   50.00   4.1600 Red_Deer_5yr_Chicago_2h B7STM167
GC485    0.20   22.43    5.00   4.3700 Red_Deer_5yr_Chicago_2h Fox_Run_PH14
GC486    0.06   15.00   40.00   6.7700 Red_Deer_5yr_Chicago_2h A16STM688
GC487    0.02   15.43   30.00   2.9300 Red_Deer_5yr_Chicago_2h GCMH91
GC488    0.02   15.43   30.00   3.5000 Red_Deer_5yr_Chicago_2h GCMH91
GC489    0.02   15.43   30.00   2.9400 Red_Deer_5yr_Chicago_2h GCMH91
GC49     0.07   15.00   40.00   3.3200 Red_Deer_5yr_Chicago_2h A5STM158
GC490    0.02   15.43   30.00   3.0600 Red_Deer_5yr_Chicago_2h GCMH91
GC491    0.02   15.43   30.00   3.1600 Red_Deer_5yr_Chicago_2h GCMH91
GC492    0.02   15.43   30.00   3.6500 Red_Deer_5yr_Chicago_2h GCMH91
GC493    0.02   15.43   30.00   3.2900 Red_Deer_5yr_Chicago_2h GCMH91
GC494    0.02   15.43   30.00   3.4100 Red_Deer_5yr_Chicago_2h GCMH91
GC495    0.02   15.43   30.00   3.2300 Red_Deer_5yr_Chicago_2h GCMH91
GC496    0.02   15.49   30.00   2.4200 Red_Deer_5yr_Chicago_2h GCMH91
GC497    0.12   15.00   40.00   2.8700 Red_Deer_5yr_Chicago_2h A13STM46
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GC498	0.07	15.00	40.00	6.0300	Red_Deer_5yr_Chicago_2h A15STM5
GC499	0.02	15.36	30.00	2.6700	Red_Deer_5yr_Chicago_2h GCMH91
GC5	6.15	15.00	70.00	7.3200	Red_Deer_5yr_Chicago_2h GCMH56
GC50	0.07	15.00	40.00	3.4500	Red_Deer_5yr_Chicago_2h A14STM25
GC500	1.05	51.29	5.00	3.9400	Red_Deer_5yr_Chicago_2h GCMH56
GC501	0.04	19.82	30.00	2.4600	Red_Deer_5yr_Chicago_2h GCMH91
GC502	0.04	8.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h GCMH32
GC503	0.04	8.00	50.00	3.7400	Red_Deer_5yr_Chicago_2h GCMH132
GC504	0.05	8.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h GCMH32
GC505	0.08	15.00	40.00	6.3400	Red_Deer_5yr_Chicago_2h A16STM689
GC506	0.06	15.00	40.00	6.1300	Red_Deer_5yr_Chicago_2h A15STM5
GC507	0.10	15.00	40.00	6.0000	Red_Deer_5yr_Chicago_2h A16STM689
GC508	0.05	8.00	50.00	4.6800	Red_Deer_5yr_Chicago_2h B7STM167
GC509	0.04	8.00	50.00	2.8000	Red_Deer_5yr_Chicago_2h GCMH132
GC51	0.06	15.00	40.00	3.1400	Red_Deer_5yr_Chicago_2h A14STM25
GC510	0.06	15.00	40.00	3.9300	Red_Deer_5yr_Chicago_2h B14STM30
GC511	0.03	16.55	30.00	3.1000	Red_Deer_5yr_Chicago_2h GCMH91
GC512	0.03	17.58	30.00	2.6600	Red_Deer_5yr_Chicago_2h GCMH91
GC513	0.10	15.00	40.00	4.7800	Red_Deer_5yr_Chicago_2h B11STM238
GC514	0.07	15.00	40.00	4.9800	Red_Deer_5yr_Chicago_2h B17STM680
GC515	0.06	15.00	40.00	3.2500	Red_Deer_5yr_Chicago_2h B17STM685
GC516	0.08	15.00	40.00	5.0600	Red_Deer_5yr_Chicago_2h B11STM238
GC517	0.07	15.00	40.00	4.3900	Red_Deer_5yr_Chicago_2h B11STM238
GC518	0.02	15.40	30.00	3.3900	Red_Deer_5yr_Chicago_2h GCMH91
GC519	0.05	8.00	50.00	3.9000	Red_Deer_5yr_Chicago_2h B7STM167
GC52	0.14	15.00	40.00	6.1400	Red_Deer_5yr_Chicago_2h A15STM2
GC520	0.06	15.00	40.00	3.7300	Red_Deer_5yr_Chicago_2h B14STM30
GC521	0.04	8.00	50.00	3.3300	Red_Deer_5yr_Chicago_2h GCMH32
GC522	0.07	15.00	40.00	5.9000	Red_Deer_5yr_Chicago_2h A15STM5
GC523	0.06	15.00	40.00	6.5500	Red_Deer_5yr_Chicago_2h B17STM685
GC524	0.04	8.00	50.00	3.3800	Red_Deer_5yr_Chicago_2h GCMH132
GC525	0.07	15.00	40.00	5.5600	Red_Deer_5yr_Chicago_2h A16STM688
GC526	0.06	8.00	50.00	3.4500	Red_Deer_5yr_Chicago_2h GCMH32
GC527	0.02	15.40	30.00	4.3300	Red_Deer_5yr_Chicago_2h GCMH91
GC528	0.10	15.00	40.00	3.7800	Red_Deer_5yr_Chicago_2h A13STM46
GC529	0.09	15.00	40.00	3.4400	Red_Deer_5yr_Chicago_2h A13STM46
GC53	0.04	8.00	50.00	4.3300	Red_Deer_5yr_Chicago_2h A7STM165
GC530	0.05	8.00	50.00	4.4500	Red_Deer_5yr_Chicago_2h B7STM167
GC531	0.04	8.00	50.00	2.7100	Red_Deer_5yr_Chicago_2h GCMH132
GC532	0.02	15.49	30.00	2.8500	Red_Deer_5yr_Chicago_2h GCMH91
GC533	0.03	16.55	30.00	2.7400	Red_Deer_5yr_Chicago_2h GCMH91
GC534	0.03	17.58	30.00	2.7500	Red_Deer_5yr_Chicago_2h GCMH91
GC535	0.02	15.49	30.00	2.9400	Red_Deer_5yr_Chicago_2h GCMH91
GC536	0.02	15.43	30.00	3.7100	Red_Deer_5yr_Chicago_2h GCMH91
GC537	0.02	15.43	30.00	3.8700	Red_Deer_5yr_Chicago_2h GCMH91
GC538	0.02	15.43	30.00	4.2900	Red_Deer_5yr_Chicago_2h GCMH91
GC539	0.02	15.43	30.00	3.8100	Red_Deer_5yr_Chicago_2h GCMH91
GC54	0.07	15.00	40.00	5.7600	Red_Deer_5yr_Chicago_2h A15STM3
GC540	0.02	15.43	30.00	3.9400	Red_Deer_5yr_Chicago_2h GCMH91
GC541	0.02	15.43	30.00	3.2100	Red_Deer_5yr_Chicago_2h GCMH91
GC542	0.02	15.43	30.00	3.1700	Red_Deer_5yr_Chicago_2h GCMH91
GC543	0.02	15.43	30.00	3.8400	Red_Deer_5yr_Chicago_2h GCMH91
GC544	0.02	15.43	30.00	4.0300	Red_Deer_5yr_Chicago_2h GCMH91
GC545	0.02	15.43	30.00	4.3600	Red_Deer_5yr_Chicago_2h GCMH91
GC546	0.09	15.00	40.00	5.6700	Red_Deer_5yr_Chicago_2h A16STM688
GC547	0.19	15.00	70.00	2.7300	Red_Deer_5yr_Chicago_2h B14STM35
GC548	0.02	15.36	30.00	2.7400	Red_Deer_5yr_Chicago_2h GCMH91
GC549	0.04	8.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h GCMH32
GC55	0.07	15.00	40.00	7.1700	Red_Deer_5yr_Chicago_2h A12STM53
GC550	0.05	8.00	50.00	3.8700	Red_Deer_5yr_Chicago_2h B7STM167
GC551	0.09	15.00	40.00	5.2000	Red_Deer_5yr_Chicago_2h B11STM238
GC552	0.07	15.00	40.00	5.1300	Red_Deer_5yr_Chicago_2h B17STM680
GC553	0.06	15.00	40.00	5.4700	Red_Deer_5yr_Chicago_2h B11STM238
GC554	0.07	15.00	40.00	6.2000	Red_Deer_5yr_Chicago_2h GCMH83
GC555	0.06	15.00	40.00	2.7500	Red_Deer_5yr_Chicago_2h B17STM685
GC556	0.27	15.00	70.00	2.6300	Red_Deer_5yr_Chicago_2h GCMH6
GC557	0.07	15.00	40.00	3.5900	Red_Deer_5yr_Chicago_2h B17STM680
GC558	0.04	8.00	50.00	2.9300	Red_Deer_5yr_Chicago_2h GCMH55
GC559	0.07	15.00	40.00	4.0200	Red_Deer_5yr_Chicago_2h B11STM238
GC56	0.06	15.00	40.00	2.9500	Red_Deer_5yr_Chicago_2h A14STM25
GC560	0.22	15.00	70.00	3.6200	Red_Deer_5yr_Chicago_2h B7STM167
GC561	0.05	8.00	50.00	4.1700	Red_Deer_5yr_Chicago_2h GCMH32
GC562	0.13	15.00	40.00	3.2200	Red_Deer_5yr_Chicago_2h B17STM680
GC563	0.06	15.00	40.00	3.3000	Red_Deer_5yr_Chicago_2h B17STM680
GC564	0.06	15.00	40.00	6.3400	Red_Deer_5yr_Chicago_2h B17STM685

GC565	0.12	15.00	40.00	3.6700	Red_Deer_5yr_Chicago_2h B14STM30
GC566	0.02	15.43	30.00	3.8400	Red_Deer_5yr_Chicago_2h GCMH91
GC567	3.64	15.00	70.00	6.0000	Red_Deer_5yr_Chicago_2h J67
GC568	0.05	8.00	50.00	4.4400	Red_Deer_5yr_Chicago_2h B7STM167
GC569	0.03	16.52	30.00	2.8500	Red_Deer_5yr_Chicago_2h GCMH91
GC57	0.06	15.00	40.00	2.9600	Red_Deer_5yr_Chicago_2h A14STM25
GC570	0.03	17.58	30.00	2.9700	Red_Deer_5yr_Chicago_2h GCMH91
GC571	0.07	15.00	40.00	4.0000	Red_Deer_5yr_Chicago_2h B14STM35
GC572	0.05	8.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h GCMH55
GC573	0.02	15.36	30.00	3.0500	Red_Deer_5yr_Chicago_2h GCMH91
GC574	0.04	8.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h GCMH32
GC575	0.09	15.00	40.00	5.3600	Red_Deer_5yr_Chicago_2h B11STM238
GC576	0.09	15.00	40.00	3.2000	Red_Deer_5yr_Chicago_2h B14STM30
GC577	0.18	15.00	40.00	3.3500	Red_Deer_5yr_Chicago_2h B12STM229
GC578	0.56	15.00	70.00	2.9200	Red_Deer_5yr_Chicago_2h B17STM680
GC579	0.04	8.00	50.00	3.5900	Red_Deer_5yr_Chicago_2h B7STM167
GC58	0.10	15.00	40.00	6.8300	Red_Deer_5yr_Chicago_2h A15STM3
GC580	0.06	15.00	40.00	5.3600	Red_Deer_5yr_Chicago_2h B11STM238
GC581	0.06	15.00	40.00	6.9100	Red_Deer_5yr_Chicago_2h GCMH83
GC582	0.08	15.00	40.00	3.8400	Red_Deer_5yr_Chicago_2h B11STM238
GC583	0.09	15.00	40.00	5.6000	Red_Deer_5yr_Chicago_2h A16STM688
GC584	1.38	55.00	70.00	4.8800	Red_Deer_5yr_Chicago_2h GCMH91
GC585	0.09	15.00	40.00	3.9200	Red_Deer_5yr_Chicago_2h B11STM238
GC586	0.09	15.00	40.00	3.3000	Red_Deer_5yr_Chicago_2h B11STM238
GC587	0.22	15.00	70.00	2.4300	Red_Deer_5yr_Chicago_2h GCMH91
GC588	0.51	15.00	70.00	3.1100	Red_Deer_5yr_Chicago_2h B11STM238
GC589	0.08	15.00	40.00	7.3200	Red_Deer_5yr_Chicago_2h B13STM240
GC59	0.06	15.00	40.00	5.1600	Red_Deer_5yr_Chicago_2h A15STM2
GC590	0.05	8.00	50.00	3.0900	Red_Deer_5yr_Chicago_2h GCMH55
GC591	0.06	15.00	40.00	2.8800	Red_Deer_5yr_Chicago_2h B17STM685
GC592	0.07	15.00	40.00	5.1000	Red_Deer_5yr_Chicago_2h B17STM680
GC593	0.08	15.00	40.00	7.1300	Red_Deer_5yr_Chicago_2h A16STM688
GC594	0.13	15.00	40.00	3.6700	Red_Deer_5yr_Chicago_2h A13STM46
GC595	0.06	8.00	50.00	4.5100	Red_Deer_5yr_Chicago_2h GCMH32
GC596	0.05	8.00	50.00	4.2600	Red_Deer_5yr_Chicago_2h B7STM167
GC597	0.03	16.52	30.00	2.2900	Red_Deer_5yr_Chicago_2h GCMH91
GC598	0.03	17.58	30.00	2.7100	Red_Deer_5yr_Chicago_2h GCMH91
GC599	0.07	15.00	40.00	4.1300	Red_Deer_5yr_Chicago_2h B11STM238
GC6	2.62	161.94	5.00	12.9600	Red_Deer_5yr_Chicago_2h GCMH88
GC60	0.06	15.00	40.00	4.2000	Red_Deer_5yr_Chicago_2h A15STM2
GC600	0.04	8.00	50.00	2.7300	Red_Deer_5yr_Chicago_2h GCMH32
GC601	0.06	15.00	40.00	6.0800	Red_Deer_5yr_Chicago_2h B13STM240
GC602	0.02	15.36	30.00	3.1700	Red_Deer_5yr_Chicago_2h GCMH91
GC603	0.12	15.00	40.00	3.3200	Red_Deer_5yr_Chicago_2h A13STM46
GC605	0.04	8.00	50.00	3.7300	Red_Deer_5yr_Chicago_2h B7STM167
GC606	0.03	17.32	30.00	3.3200	Red_Deer_5yr_Chicago_2h GCMH91
GC607	0.11	15.00	40.00	2.9900	Red_Deer_5yr_Chicago_2h B14STM30
GC608	0.08	15.00	40.00	6.1100	Red_Deer_5yr_Chicago_2h A16STM688
GC609	0.09	15.00	40.00	4.4000	Red_Deer_5yr_Chicago_2h B12STM229
GC61	0.06	15.00	40.00	4.4800	Red_Deer_5yr_Chicago_2h A15STM2
GC610	0.07	15.00	40.00	6.4700	Red_Deer_5yr_Chicago_2h GCMH83
GC611	0.05	8.00	50.00	3.1100	Red_Deer_5yr_Chicago_2h GCMH55
GC612	0.06	15.00	40.00	5.2600	Red_Deer_5yr_Chicago_2h B11STM238
GC613	0.25	15.00	70.00	3.3700	Red_Deer_5yr_Chicago_2h B15STM16
GC614	0.07	15.00	40.00	4.0700	Red_Deer_5yr_Chicago_2h B14STM35
GC615	0.06	15.00	40.00	6.2300	Red_Deer_5yr_Chicago_2h B13STM240
GC616	0.04	8.00	50.00	2.4500	Red_Deer_5yr_Chicago_2h GCMH55
GC617	0.06	15.00	40.00	2.9000	Red_Deer_5yr_Chicago_2h B14STM35
GC618	0.06	15.00	40.00	2.8500	Red_Deer_5yr_Chicago_2h B14STM35
GC619	0.06	15.00	40.00	3.2400	Red_Deer_5yr_Chicago_2h B14STM35
GC62	0.06	15.00	40.00	3.8600	Red_Deer_5yr_Chicago_2h A13STM2274
GC620	0.07	15.00	40.00	3.8100	Red_Deer_5yr_Chicago_2h GCMH6
GC621	0.06	15.00	40.00	3.6200	Red_Deer_5yr_Chicago_2h GCMH6
GC622	0.06	15.00	40.00	3.2200	Red_Deer_5yr_Chicago_2h GCMH6
GC623	0.05	8.00	50.00	4.2700	Red_Deer_5yr_Chicago_2h B7STM167
GC624	0.06	15.00	40.00	3.0200	Red_Deer_5yr_Chicago_2h GCMH6
GC625	0.06	15.00	40.00	3.1500	Red_Deer_5yr_Chicago_2h GCMH6
GC626	0.05	8.00	50.00	4.6800	Red_Deer_5yr_Chicago_2h GCMH32
GC627	0.06	15.00	40.00	5.0300	Red_Deer_5yr_Chicago_2h GCMH83
GC628	0.04	8.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h GCMH32
GC629	0.07	15.00	40.00	2.9200	Red_Deer_5yr_Chicago_2h B14STM35
GC63	0.08	15.00	40.00	3.9600	Red_Deer_5yr_Chicago_2h A15STM2
GC630	0.10	15.00	40.00	2.7700	Red_Deer_5yr_Chicago_2h B17STM680
GC631	0.08	15.00	40.00	4.0900	Red_Deer_5yr_Chicago_2h B15STM15
GC632	0.02	15.33	30.00	3.2300	Red_Deer_5yr_Chicago_2h GCMH91

GC633	0.04	8.00	50.00	3.7100	Red_Deer_5yr_Chicago_2h B7STM167
GC634	0.03	16.52	30.00	3.2100	Red_Deer_5yr_Chicago_2h GCMH91
GC635	0.03	17.58	30.00	2.8000	Red_Deer_5yr_Chicago_2h GCMH91
GC636	0.07	15.00	40.00	3.2300	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Ph2
GC637	0.06	15.00	40.00	6.5800	Red_Deer_5yr_Chicago_2h GCMH83
GC638	0.11	15.00	40.00	3.4900	Red_Deer_5yr_Chicago_2h B12STM229
GC639	0.03	17.32	30.00	2.7000	Red_Deer_5yr_Chicago_2h GCMH91
GC64	0.08	15.00	40.00	6.2900	Red_Deer_5yr_Chicago_2h A12STM53
GC640	0.06	15.00	40.00	6.4600	Red_Deer_5yr_Chicago_2h B13STM240
GC641	0.07	15.00	40.00	6.5200	Red_Deer_5yr_Chicago_2h GCMH83
GC642	0.06	15.00	40.00	4.4500	Red_Deer_5yr_Chicago_2h B13STM241
GC643	0.04	8.00	50.00	3.3400	Red_Deer_5yr_Chicago_2h GCMH55
GC644	0.06	15.00	40.00	5.2000	Red_Deer_5yr_Chicago_2h B11STM238
GC645	0.07	15.00	40.00	5.0400	Red_Deer_5yr_Chicago_2h GCMH83
GC646	0.07	15.00	40.00	4.8200	Red_Deer_5yr_Chicago_2h B11STM238
GC647	0.05	8.00	50.00	3.7600	Red_Deer_5yr_Chicago_2h B7STM168
GC648	0.63	79.11	30.00	3.3200	Red_Deer_5yr_Chicago_2h GCMH91
GC649	0.07	8.00	50.00	5.9000	Red_Deer_5yr_Chicago_2h B7STM168
GC65	0.06	15.00	40.00	5.7900	Red_Deer_5yr_Chicago_2h A13STM54
GC650	0.07	15.00	40.00	5.0900	Red_Deer_5yr_Chicago_2h B14STM37
GC651	0.05	8.00	50.00	4.9600	Red_Deer_5yr_Chicago_2h B7STM167
GC652	0.08	15.00	40.00	3.8500	Red_Deer_5yr_Chicago_2h B15STM14
GC653	0.07	15.00	40.00	3.7400	Red_Deer_5yr_Chicago_2h B12STM229
GC654	0.07	15.00	40.00	6.0400	Red_Deer_5yr_Chicago_2h B17STM684
GC655	0.05	8.00	50.00	2.5800	Red_Deer_5yr_Chicago_2h GCMH55
GC656	0.06	15.00	40.00	5.6900	Red_Deer_5yr_Chicago_2h B13STM240
GC657	0.04	8.00	50.00	3.1300	Red_Deer_5yr_Chicago_2h GCMH32
GC658	0.02	15.30	30.00	3.0900	Red_Deer_5yr_Chicago_2h GCMH91
GC659	0.05	8.00	50.00	3.6500	Red_Deer_5yr_Chicago_2h B7STM167
GC66	0.09	15.00	40.00	5.1100	Red_Deer_5yr_Chicago_2h A13STM54
GC660	0.13	15.00	70.00	2.7200	Red_Deer_5yr_Chicago_2h GCMH91
GC661	0.03	16.52	30.00	3.2900	Red_Deer_5yr_Chicago_2h GCMH91
GC662	0.03	17.58	30.00	3.1700	Red_Deer_5yr_Chicago_2h GCMH91
GC663	0.10	15.00	40.00	6.4600	Red_Deer_5yr_Chicago_2h B17STM684
GC664	0.07	8.00	50.00	5.2400	Red_Deer_5yr_Chicago_2h GCMH32
GC665	0.06	15.00	40.00	5.5900	Red_Deer_5yr_Chicago_2h B13STM241
GC666	0.03	17.32	30.00	2.7500	Red_Deer_5yr_Chicago_2h GCMH91
GC667	0.06	15.00	40.00	6.9700	Red_Deer_5yr_Chicago_2h B13STM240
GC668	0.07	15.00	40.00	5.7800	Red_Deer_5yr_Chicago_2h B11STM238
GC669	0.07	15.00	40.00	3.4100	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Ph2
GC67	0.08	15.00	40.00	6.1700	Red_Deer_5yr_Chicago_2h A12STM53
GC670	2.41	77.63	5.00	5.1000	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Ph2
GC671	0.06	8.00	50.00	3.9500	Red_Deer_5yr_Chicago_2h GCMH55
GC672	0.06	15.00	40.00	2.5800	Red_Deer_5yr_Chicago_2h B17STM684
GC673	0.06	15.00	40.00	6.0000	Red_Deer_5yr_Chicago_2h B17STM679
GC674	0.06	8.00	50.00	3.6900	Red_Deer_5yr_Chicago_2h B7STM167
GC675	0.06	8.00	50.00	5.2100	Red_Deer_5yr_Chicago_2h B7STM168
GC676	0.07	15.00	40.00	3.8800	Red_Deer_5yr_Chicago_2h B11STM231
GC677	0.02	15.30	30.00	2.7900	Red_Deer_5yr_Chicago_2h GCMH91
GC678	0.07	15.00	40.00	5.1800	Red_Deer_5yr_Chicago_2h B14STM37
GC679	0.08	15.00	40.00	3.2300	Red_Deer_5yr_Chicago_2h B12STM229
GC68	0.06	15.00	40.00	3.8600	Red_Deer_5yr_Chicago_2h A13STM2274
GC680	0.07	15.00	40.00	6.2900	Red_Deer_5yr_Chicago_2h B13STM240
GC681	0.03	16.19	30.00	2.9100	Red_Deer_5yr_Chicago_2h GCMH91
GC682	0.05	8.00	50.00	3.1000	Red_Deer_5yr_Chicago_2h B7STM167
GC683	0.03	17.26	30.00	2.6600	Red_Deer_5yr_Chicago_2h GCMH91
GC684	0.06	15.00	40.00	5.7100	Red_Deer_5yr_Chicago_2h B13STM241
GC685	0.09	15.00	70.00	2.4100	Red_Deer_5yr_Chicago_2h GCMH109
GC686	0.10	15.00	70.00	2.6400	Red_Deer_5yr_Chicago_2h GCMH61
GC687	0.13	15.00	40.00	3.1200	Red_Deer_5yr_Chicago_2h B12STM229
GC688	0.07	15.00	40.00	4.2700	Red_Deer_5yr_Chicago_2h B15STM14
GC689	0.03	16.97	30.00	3.3600	Red_Deer_5yr_Chicago_2h GCMH91
GC69	0.06	15.00	40.00	5.1200	Red_Deer_5yr_Chicago_2h A13STM2274
GC690	0.07	15.00	40.00	5.2100	Red_Deer_5yr_Chicago_2h B11STM238
GC691	0.09	15.00	40.00	3.1300	Red_Deer_5yr_Chicago_2h B17STM680
GC692	0.06	15.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h B17STM680
GC693	0.06	15.00	40.00	4.9200	Red_Deer_5yr_Chicago_2h B15STM13
GC694	0.21	15.00	70.00	3.1900	Red_Deer_5yr_Chicago_2h B17STM683
GC695	0.06	15.00	40.00	4.5200	Red_Deer_5yr_Chicago_2h B13STM241
GC696	0.22	15.00	70.00	2.4800	Red_Deer_5yr_Chicago_2h GCMH91
GC697	0.07	15.00	40.00	3.9500	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Ph2

GC698	0.08	15.00	40.00	4.9800	Red_Deer_5yr_Chicago_2h B15STM17
GC699	0.07	15.00	40.00	3.1000	Red_Deer_5yr_Chicago_2h B17STM680
GC7	61.23	782.52	5.00	5.0800	Red_Deer_5yr_Chicago_2h Hawk's_Crest
GC70	0.07	15.00	40.00	3.4900	Red_Deer_5yr_Chicago_2h A13STM2274
GC700	0.05	15.00	40.00	6.0400	Red_Deer_5yr_Chicago_2h B14STM37
GC701	0.04	8.00	50.00	3.4200	Red_Deer_5yr_Chicago_2h B7STM168
GC702	0.06	15.00	40.00	6.4500	Red_Deer_5yr_Chicago_2h B17STM679
GC703	0.08	15.00	40.00	4.0300	Red_Deer_5yr_Chicago_2h B12STM229
GC704	0.06	15.00	40.00	2.9100	Red_Deer_5yr_Chicago_2h B17STM684
GC705	0.13	8.00	50.00	4.7900	Red_Deer_5yr_Chicago_2h GCMH32
GC706	0.08	15.00	40.00	3.3900	Red_Deer_5yr_Chicago_2h B11STM238
GC707	0.07	15.00	40.00	3.6900	Red_Deer_5yr_Chicago_2h B11STM231
GC708	0.14	15.00	70.00	2.8400	Red_Deer_5yr_Chicago_2h B7STM168
GC709	0.10	15.00	70.00	2.4500	Red_Deer_5yr_Chicago_2h B13STM241
GC71	0.12	15.00	40.00	6.3500	Red_Deer_5yr_Chicago_2h Fox_Run_PH6-7
GC710	0.05	15.00	40.00	5.7300	Red_Deer_5yr_Chicago_2h B14STM37
GC711	0.09	15.00	40.00	4.7200	Red_Deer_5yr_Chicago_2h B14STM37
GC712	0.07	15.00	40.00	5.1400	Red_Deer_5yr_Chicago_2h B14STM37
GC713	0.06	15.00	40.00	4.1700	Red_Deer_5yr_Chicago_2h B13STM240
GC714	0.06	15.00	40.00	3.3900	Red_Deer_5yr_Chicago_2h B11STM238
GC715	0.06	15.00	40.00	2.9600	Red_Deer_5yr_Chicago_2h B11STM238
GC716	0.11	15.00	40.00	6.4700	Red_Deer_5yr_Chicago_2h B17STM684
GC717	0.07	8.00	50.00	4.1200	Red_Deer_5yr_Chicago_2h B7STM168
GC718	0.07	15.00	40.00	4.6700	Red_Deer_5yr_Chicago_2h B11STM238
GC719	0.07	15.00	40.00	3.8800	Red_Deer_5yr_Chicago_2h B11STM238
GC72	0.04	8.00	50.00	4.6200	Red_Deer_5yr_Chicago_2h A7STM165
GC720	0.06	15.00	40.00	4.9200	Red_Deer_5yr_Chicago_2h B14STM37
GC721	0.06	15.00	40.00	5.1900	Red_Deer_5yr_Chicago_2h B14STM37
GC722	0.06	15.00	40.00	5.3900	Red_Deer_5yr_Chicago_2h B14STM37
GC723	0.13	15.00	70.00	2.8200	Red_Deer_5yr_Chicago_2h B15STM21
GC724	0.06	15.00	40.00	5.2500	Red_Deer_5yr_Chicago_2h B14STM37
GC725	0.07	15.00	40.00	3.2500	Red_Deer_5yr_Chicago_2h B11STM238
GC726	0.04	19.52	30.00	3.3900	Red_Deer_5yr_Chicago_2h GCMH91
GC727	1.44	119.83	30.00	3.7900	Red_Deer_5yr_Chicago_2h GCMH56
GC728	0.10	8.00	50.00	3.6700	Red_Deer_5yr_Chicago_2h GCMH109
GC729	0.06	15.00	40.00	3.2600	Red_Deer_5yr_Chicago_2h B15STM13
GC73	0.09	15.00	40.00	2.8600	Red_Deer_5yr_Chicago_2h A14STM25
GC730	0.18	15.00	70.00	2.8500	Red_Deer_5yr_Chicago_2h GCMH91
GC731	0.05	23.26	30.00	3.6000	Red_Deer_5yr_Chicago_2h GCMH91
GC732	0.04	8.00	50.00	3.9500	Red_Deer_5yr_Chicago_2h B7STM168
GC733	0.06	15.00	40.00	4.0800	Red_Deer_5yr_Chicago_2h B12STM229
GC734	0.09	15.00	40.00	4.5100	Red_Deer_5yr_Chicago_2h B13STM240
GC735	0.08	15.00	40.00	4.5100	Red_Deer_5yr_Chicago_2h B12STM229
GC736	0.06	15.00	40.00	5.1100	Red_Deer_5yr_Chicago_2h B15STM13
GC737	0.09	15.00	40.00	2.4000	Red_Deer_5yr_Chicago_2h B13STM241
GC738	0.07	15.00	40.00	4.9700	Red_Deer_5yr_Chicago_2h Lakeway_Landing_Ph2
GC739	0.06	15.00	40.00	5.8000	Red_Deer_5yr_Chicago_2h B17STM679
GC74	0.08	15.00	40.00	3.6000	Red_Deer_5yr_Chicago_2h A13STM2274
GC740	0.06	15.00	40.00	3.8000	Red_Deer_5yr_Chicago_2h B13STM241
GC741	0.08	15.00	40.00	4.3900	Red_Deer_5yr_Chicago_2h B15STM17
GC742_1	0.35	15.00	70.00	2.7900	Red_Deer_5yr_Chicago_2h B14STM36
GC742_2	0.07	15.00	70.00	2.7900	Red_Deer_5yr_Chicago_2h B14STM36
GC743	0.04	8.00	50.00	5.0500	Red_Deer_5yr_Chicago_2h GCMH61
GC744	0.04	8.00	50.00	5.0400	Red_Deer_5yr_Chicago_2h GCMH61
GC745	0.05	8.00	50.00	5.7700	Red_Deer_5yr_Chicago_2h GCMH109
GC746	0.04	8.00	50.00	5.6300	Red_Deer_5yr_Chicago_2h GCMH109
GC747	0.05	8.00	50.00	5.1800	Red_Deer_5yr_Chicago_2h GCMH61
GC748	0.03	17.83	30.00	4.3800	Red_Deer_5yr_Chicago_2h GCMH91
GC749	0.03	17.83	30.00	4.2500	Red_Deer_5yr_Chicago_2h GCMH91
GC75	0.11	15.00	40.00	3.4600	Red_Deer_5yr_Chicago_2h A13STM2274
GC750	0.03	17.83	30.00	4.3500	Red_Deer_5yr_Chicago_2h GCMH91
GC751	0.03	17.83	30.00	4.3000	Red_Deer_5yr_Chicago_2h GCMH91
GC752	0.03	17.83	30.00	3.9200	Red_Deer_5yr_Chicago_2h GCMH91
GC753	0.03	17.83	30.00	4.4300	Red_Deer_5yr_Chicago_2h GCMH91
GC754	0.03	18.39	30.00	4.2900	Red_Deer_5yr_Chicago_2h GCMH91
GC755	0.03	17.29	30.00	5.1400	Red_Deer_5yr_Chicago_2h GCMH91
GC756	0.03	17.86	30.00	4.2000	Red_Deer_5yr_Chicago_2h GCMH91
GC757	0.03	17.83	30.00	3.9900	Red_Deer_5yr_Chicago_2h GCMH91
GC758	0.03	17.83	30.00	4.2300	Red_Deer_5yr_Chicago_2h GCMH91
GC759	0.03	17.83	30.00	3.8100	Red_Deer_5yr_Chicago_2h GCMH91
GC76	0.10	8.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h GCMH1
GC760	0.03	17.83	30.00	3.5300	Red_Deer_5yr_Chicago_2h GCMH91
GC761	0.07	15.00	40.00	2.9400	Red_Deer_5yr_Chicago_2h B17STM684
GC762	0.03	17.83	30.00	3.5900	Red_Deer_5yr_Chicago_2h GCMH91

GC763	0.03	17.55	30.00	3.6900	Red_Deer_5yr_Chicago_2h GCMH91
GC764	0.05	21.40	30.00	3.5900	Red_Deer_5yr_Chicago_2h GCMH91
GC765	0.23	15.00	70.00	3.0300	Red_Deer_5yr_Chicago_2h B15STM13
GC766	0.09	8.00	50.00	4.7000	Red_Deer_5yr_Chicago_2h GCMH61
GC767	0.05	13.37	30.00	2.5200	Red_Deer_5yr_Chicago_2h GCMH33
GC768	0.09	8.00	50.00	4.5300	Red_Deer_5yr_Chicago_2h GCMH109
GC769	0.07	15.00	40.00	3.1200	Red_Deer_5yr_Chicago_2h B11STM231
GC77	0.04	8.00	50.00	4.7700	Red_Deer_5yr_Chicago_2h A7STM165
GC770	0.06	8.00	50.00	5.6500	Red_Deer_5yr_Chicago_2h GCMH109
GC771	0.06	8.00	50.00	5.1600	Red_Deer_5yr_Chicago_2h GCMH61
GC772	0.07	15.00	40.00	4.9100	Red_Deer_5yr_Chicago_2h B14STM37
GC773	0.03	17.32	30.00	3.9100	Red_Deer_5yr_Chicago_2h GCMH91
GC774	0.06	15.00	40.00	4.8600	Red_Deer_5yr_Chicago_2h B13STM240
GC775	0.07	15.00	40.00	4.8200	Red_Deer_5yr_Chicago_2h B15STM17
GC776	0.06	15.00	40.00	3.9100	Red_Deer_5yr_Chicago_2h B12STM229
GC777	0.06	15.00	40.00	3.6300	Red_Deer_5yr_Chicago_2h B15STM13
GC778	0.06	15.00	40.00	3.3700	Red_Deer_5yr_Chicago_2h B15STM17
GC779	0.07	8.00	50.00	7.6100	Red_Deer_5yr_Chicago_2h B7STM168
GC78	0.05	15.00	40.00	4.6100	Red_Deer_5yr_Chicago_2h A5STM161
GC780	0.06	15.00	40.00	4.2600	Red_Deer_5yr_Chicago_2h B14STM37
GC781	0.06	15.00	40.00	3.6600	Red_Deer_5yr_Chicago_2h B15STM17
GC782	0.07	15.00	40.00	3.4400	Red_Deer_5yr_Chicago_2h B15STM17
GC783	0.08	15.00	40.00	4.8800	Red_Deer_5yr_Chicago_2h B12STM229
GC784	0.09	8.00	50.00	3.9400	Red_Deer_5yr_Chicago_2h B7STM168
GC785	0.14	15.00	70.00	2.6700	Red_Deer_5yr_Chicago_2h B11STM231
GC786	1.64	28.02	30.00	2.7300	Red_Deer_5yr_Chicago_2h GCMH33
GC787	0.91	47.71	5.00	7.5500	Red_Deer_5yr_Chicago_2h CULV5170
GC788	0.06	15.00	40.00	5.9900	Red_Deer_5yr_Chicago_2h B15STM13
GC789	0.09	15.00	40.00	6.6000	Red_Deer_5yr_Chicago_2h B17STM684
GC79	0.06	15.00	40.00	3.3200	Red_Deer_5yr_Chicago_2h A13STM44
GC790	0.06	15.00	40.00	5.8900	Red_Deer_5yr_Chicago_2h B17STM679
GC791	0.07	15.00	40.00	5.6000	Red_Deer_5yr_Chicago_2h GCMH85
GC792	0.06	10.00	50.00	4.7200	Red_Deer_5yr_Chicago_2h B7STM168
GC793	0.05	8.00	50.00	5.0200	Red_Deer_5yr_Chicago_2h B7STM168
GC794	0.08	15.00	40.00	4.0500	Red_Deer_5yr_Chicago_2h B17STM679
GC795	0.07	15.00	40.00	4.2500	Red_Deer_5yr_Chicago_2h B13STM240
GC796	0.07	15.00	40.00	4.4800	Red_Deer_5yr_Chicago_2h B15STM17
GC797	0.03	17.32	30.00	3.1900	Red_Deer_5yr_Chicago_2h GCMH91
GC798	0.06	15.00	40.00	4.0300	Red_Deer_5yr_Chicago_2h B13STM242
GC799	0.07	15.00	40.00	4.6900	Red_Deer_5yr_Chicago_2h B12STM229
GC8	0.78	44.13	5.00	7.6500	Red_Deer_5yr_Chicago_2h GCMH56
GC80	0.10	15.00	40.00	6.9900	Red_Deer_5yr_Chicago_2h A13STM2275
GC800	0.05	8.00	50.00	5.3600	Red_Deer_5yr_Chicago_2h B7STM168
GC801	0.07	15.00	40.00	2.7300	Red_Deer_5yr_Chicago_2h B17STM684
GC802	0.06	15.00	40.00	2.8000	Red_Deer_5yr_Chicago_2h B13STM242
GC803	0.30	15.00	70.00	2.6300	Red_Deer_5yr_Chicago_2h B17STM684
GC804	0.07	15.00	40.00	3.2400	Red_Deer_5yr_Chicago_2h B11STM231
GC805	0.07	15.00	40.00	3.8200	Red_Deer_5yr_Chicago_2h B14STM37
GC806	0.06	15.00	40.00	4.0000	Red_Deer_5yr_Chicago_2h B13STM240
GC807	0.09	15.00	40.00	4.0600	Red_Deer_5yr_Chicago_2h B12STM229
GC808	0.07	8.00	50.00	6.8800	Red_Deer_5yr_Chicago_2h B7STM168
GC809	0.05	8.00	50.00	6.8900	Red_Deer_5yr_Chicago_2h B7STM168
GC81	0.06	15.00	40.00	4.1000	Red_Deer_5yr_Chicago_2h A5STM158
GC810	0.06	15.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h B15STM13
GC811	0.36	15.00	70.00	3.2200	Red_Deer_5yr_Chicago_2h B15STM17
GC812	0.04	20.22	30.00	3.5900	Red_Deer_5yr_Chicago_2h GCMH91
GC813	0.28	26.57	5.00	3.5500	Red_Deer_5yr_Chicago_2h A13STM45
GC814	0.07	15.00	40.00	6.7700	Red_Deer_5yr_Chicago_2h B17STM684
GC815	0.03	16.49	30.00	3.8700	Red_Deer_5yr_Chicago_2h GCMH91
GC816	0.09	15.00	40.00	7.1800	Red_Deer_5yr_Chicago_2h B16STM675
GC817	0.03	16.79	30.00	3.2600	Red_Deer_5yr_Chicago_2h GCMH91
GC818	0.03	16.79	30.00	2.9700	Red_Deer_5yr_Chicago_2h GCMH91
GC819	0.03	16.79	30.00	2.8000	Red_Deer_5yr_Chicago_2h GCMH91
GC82	0.07	8.00	50.00	3.0000	Red_Deer_5yr_Chicago_2h GCMH132
GC820	0.03	16.79	30.00	3.7500	Red_Deer_5yr_Chicago_2h GCMH91
GC821	0.03	16.79	30.00	2.8700	Red_Deer_5yr_Chicago_2h GCMH91
GC822	0.03	16.79	30.00	3.1300	Red_Deer_5yr_Chicago_2h GCMH91
GC823	0.03	17.32	30.00	3.1500	Red_Deer_5yr_Chicago_2h GCMH91
GC824	0.03	16.25	30.00	3.2000	Red_Deer_5yr_Chicago_2h GCMH91
GC825	0.03	16.79	30.00	2.9800	Red_Deer_5yr_Chicago_2h GCMH91
GC826	0.03	16.79	30.00	2.9000	Red_Deer_5yr_Chicago_2h GCMH91
GC827	0.03	16.73	30.00	3.7600	Red_Deer_5yr_Chicago_2h GCMH91
GC828	0.03	16.79	30.00	3.4200	Red_Deer_5yr_Chicago_2h GCMH91
GC829	0.03	16.79	30.00	3.0600	Red_Deer_5yr_Chicago_2h GCMH91
GC83	0.06	15.00	40.00	6.4700	Red_Deer_5yr_Chicago_2h A5STM161

GC830	0.09	15.00	40.00	3.8000	Red_Deer_5yr_Chicago_2h B12STM230
GC831	0.08	15.00	40.00	3.5700	Red_Deer_5yr_Chicago_2h B12STM230
GC832	0.08	15.00	40.00	3.2700	Red_Deer_5yr_Chicago_2h B11STM231
GC833	0.08	15.00	40.00	3.5500	Red_Deer_5yr_Chicago_2h B11STM231
GC834	0.03	17.26	30.00	2.6800	Red_Deer_5yr_Chicago_2h GCMH91
GC835	0.08	15.00	40.00	3.1000	Red_Deer_5yr_Chicago_2h B11STM231
GC836	0.07	15.00	40.00	6.0900	Red_Deer_5yr_Chicago_2h B12STM229
GC837	0.51	15.00	70.00	2.6300	Red_Deer_5yr_Chicago_2h B13STM240
GC838	0.07	15.00	40.00	3.0800	Red_Deer_5yr_Chicago_2h B14STM37
GC839	0.08	15.00	40.00	4.7800	Red_Deer_5yr_Chicago_2h B11STM231
GC84	0.07	15.00	40.00	3.1900	Red_Deer_5yr_Chicago_2h A5STM158
GC840	0.06	15.00	40.00	6.1600	Red_Deer_5yr_Chicago_2h B15STM13
GC841	0.06	15.00	40.00	6.1500	Red_Deer_5yr_Chicago_2h B17STM679
GC842	0.07	15.00	40.00	5.6200	Red_Deer_5yr_Chicago_2h GCMH85
GC843	0.07	15.00	40.00	4.4900	Red_Deer_5yr_Chicago_2h B13STM240
GC844	0.06	15.00	40.00	4.0400	Red_Deer_5yr_Chicago_2h B13STM242
GC845	0.07	15.00	40.00	4.7500	Red_Deer_5yr_Chicago_2h B15STM17
GC846	0.08	15.00	40.00	3.1400	Red_Deer_5yr_Chicago_2h B17STM679
GC847	0.23	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h B7STM168
GC848	0.08	15.00	40.00	5.9400	Red_Deer_5yr_Chicago_2h B16STM675
GC849	0.06	15.00	40.00	2.4700	Red_Deer_5yr_Chicago_2h B13STM242
GC85	0.12	15.00	40.00	5.0900	Red_Deer_5yr_Chicago_2h A13STM2275
GC850	0.46	15.00	70.00	3.6300	Red_Deer_5yr_Chicago_2h B12STM229
GC851	0.05	15.00	70.00	3.3900	Red_Deer_5yr_Chicago_2h B15STM9
GC852	0.07	15.00	40.00	2.9700	Red_Deer_5yr_Chicago_2h B17STM684
GC853	0.06	15.00	40.00	3.3200	Red_Deer_5yr_Chicago_2h B13STM240
GC854	0.07	15.00	40.00	3.6500	Red_Deer_5yr_Chicago_2h B11STM231
GC855	0.07	15.00	40.00	2.9800	Red_Deer_5yr_Chicago_2h B14STM37
GC856	0.05	15.00	70.00	3.5600	Red_Deer_5yr_Chicago_2h B15STM22
GC857	0.06	15.00	40.00	3.6600	Red_Deer_5yr_Chicago_2h B15STM13
GC858	0.22	15.00	70.00	2.4400	Red_Deer_5yr_Chicago_2h GCMH91
GC859	0.07	15.00	40.00	6.0200	Red_Deer_5yr_Chicago_2h B16STM23
GC86	0.04	8.00	50.00	5.5700	Red_Deer_5yr_Chicago_2h A7STM165
GC860	0.10	15.00	40.00	4.0400	Red_Deer_5yr_Chicago_2h B12STM229
GC861	0.09	29.36	30.00	5.2500	Red_Deer_5yr_Chicago_2h GCMH91
GC862	0.11	15.00	40.00	6.2500	Red_Deer_5yr_Chicago_2h B16STM675
GC863	0.03	16.49	30.00	3.7300	Red_Deer_5yr_Chicago_2h GCMH91
GC864	0.40	31.52	5.00	9.1600	Red_Deer_5yr_Chicago_2h SU1
GC865	0.09	15.00	40.00	4.0700	Red_Deer_5yr_Chicago_2h B15STM17
GC866	0.06	15.00	40.00	2.8100	Red_Deer_5yr_Chicago_2h B14STM37
GC867	0.06	15.00	40.00	3.4800	Red_Deer_5yr_Chicago_2h B14STM37
GC868	0.06	15.00	40.00	2.5100	Red_Deer_5yr_Chicago_2h B14STM37
GC869	0.06	15.00	40.00	2.7400	Red_Deer_5yr_Chicago_2h B14STM37
GC87	0.13	15.00	40.00	3.0600	Red_Deer_5yr_Chicago_2h A13STM2274
GC870	0.07	15.00	40.00	5.7300	Red_Deer_5yr_Chicago_2h B12STM229
GC871	0.06	15.00	40.00	2.8300	Red_Deer_5yr_Chicago_2h B14STM37
GC872	0.04	19.62	30.00	4.2600	Red_Deer_5yr_Chicago_2h GCMH91
GC873	0.06	15.00	40.00	5.6800	Red_Deer_5yr_Chicago_2h B15STM13
GC874	0.08	15.00	40.00	2.7100	Red_Deer_5yr_Chicago_2h B14STM37
GC875	0.07	15.00	40.00	7.1100	Red_Deer_5yr_Chicago_2h GCMH85
GC876	0.05	15.00	40.00	3.8200	Red_Deer_5yr_Chicago_2h B14STM37
GC877	0.06	15.00	40.00	5.9700	Red_Deer_5yr_Chicago_2h B17STM676
GC878	0.07	15.00	40.00	5.1600	Red_Deer_5yr_Chicago_2h B13STM240
GC879	0.06	15.00	40.00	4.2800	Red_Deer_5yr_Chicago_2h B13STM242
GC88	0.11	15.00	70.00	2.8800	Red_Deer_5yr_Chicago_2h GCMH60
GC880	57.09	755.58	30.00	5.1000	Red_Deer_5yr_Chicago_2h CULV5474_Outlet
GC881	0.07	15.00	40.00	5.2100	Red_Deer_5yr_Chicago_2h B15STM17
GC882	0.13	15.00	70.00	2.5700	Red_Deer_5yr_Chicago_2h B16STM23
GC883	0.06	15.00	40.00	5.6700	Red_Deer_5yr_Chicago_2h B16STM674
GC884	0.15	15.00	70.00	3.5200	Red_Deer_5yr_Chicago_2h GCMH75
GC885	0.06	15.00	40.00	2.5500	Red_Deer_5yr_Chicago_2h B13STM242
GC886	0.07	15.00	40.00	3.3800	Red_Deer_5yr_Chicago_2h B17STM679
GC887	0.07	15.00	40.00	2.9700	Red_Deer_5yr_Chicago_2h B17STM684
GC888	0.04	20.74	30.00	5.6200	Red_Deer_5yr_Chicago_2h GCMH91
GC889	0.03	15.91	30.00	3.7600	Red_Deer_5yr_Chicago_2h GCMH91
GC89	0.07	15.00	65.00	3.1600	Red_Deer_5yr_Chicago_2h A5STM160
GC890	0.03	15.91	30.00	3.5600	Red_Deer_5yr_Chicago_2h GCMH91
GC891	0.03	15.91	30.00	5.8900	Red_Deer_5yr_Chicago_2h GCMH91
GC892	0.03	15.91	30.00	4.4100	Red_Deer_5yr_Chicago_2h GCMH91
GC893	0.03	15.91	30.00	4.7300	Red_Deer_5yr_Chicago_2h GCMH91
GC894	0.03	15.91	30.00	7.4100	Red_Deer_5yr_Chicago_2h GCMH91
GC895	0.08	27.96	30.00	5.2300	Red_Deer_5yr_Chicago_2h GCMH91
GC896	0.06	15.00	40.00	3.6900	Red_Deer_5yr_Chicago_2h B15STM13
GC897	0.06	15.00	40.00	4.2400	Red_Deer_5yr_Chicago_2h B16STM23
GC898	0.08	15.00	40.00	5.2300	Red_Deer_5yr_Chicago_2h B12STM229

GC899	0.15	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h B11STM231
GC9	62.55	395.45	5.00	6.3800	Red_Deer_5yr_Chicago_2h CULV5481
GC90	0.06	15.00	65.00	5.1000	Red_Deer_5yr_Chicago_2h A5STM160
GC900	0.06	15.00	40.00	4.1900	Red_Deer_5yr_Chicago_2h B15STM17
GC901	0.06	15.00	40.00	6.1300	Red_Deer_5yr_Chicago_2h B17STM676
GC902	0.07	15.00	40.00	6.2900	Red_Deer_5yr_Chicago_2h GCMH85
GC903	0.23	15.00	70.00	3.1900	Red_Deer_5yr_Chicago_2h B12STM230
GC904	0.07	15.00	40.00	5.4800	Red_Deer_5yr_Chicago_2h B16STM674
GC905	0.06	15.00	40.00	4.2100	Red_Deer_5yr_Chicago_2h B13STM242
GC906	0.07	15.00	40.00	4.9900	Red_Deer_5yr_Chicago_2h B13STM240
GC907	0.06	15.00	40.00	5.7900	Red_Deer_5yr_Chicago_2h B15STM13
GC908	0.06	15.00	65.00	3.9100	Red_Deer_5yr_Chicago_2h B13STM225
GC909	0.06	15.00	40.00	2.3800	Red_Deer_5yr_Chicago_2h B13STM242
GC91	0.08	15.00	40.00	7.1500	Red_Deer_5yr_Chicago_2h A15STM3
GC910	0.06	15.00	40.00	3.4600	Red_Deer_5yr_Chicago_2h B17STM676
GC911	0.05	15.00	65.00	5.2800	Red_Deer_5yr_Chicago_2h B13STM225
GC912	0.06	15.00	40.00	3.6300	Red_Deer_5yr_Chicago_2h B16STM23
GC913	0.07	15.00	40.00	2.6600	Red_Deer_5yr_Chicago_2h B17STM686
GC914	0.06	15.00	40.00	5.7500	Red_Deer_5yr_Chicago_2h B16STM678
GC915	0.05	15.00	65.00	2.9400	Red_Deer_5yr_Chicago_2h B13STM225
GC916	0.08	15.00	40.00	7.4400	Red_Deer_5yr_Chicago_2h B16STM675
GC917	0.06	15.00	40.00	2.9300	Red_Deer_5yr_Chicago_2h B13STM240
GC918	0.06	15.00	40.00	2.7900	Red_Deer_5yr_Chicago_2h B14STM38
GC919	0.04	8.00	65.00	3.0400	Red_Deer_5yr_Chicago_2h B7STM176
GC92	0.04	8.00	50.00	4.0100	Red_Deer_5yr_Chicago_2h A7STM165
GC920	0.06	15.00	65.00	3.8300	Red_Deer_5yr_Chicago_2h B13STM225
GC921	0.06	15.00	40.00	3.5500	Red_Deer_5yr_Chicago_2h B15STM17
GC922	0.03	8.00	65.00	3.0300	Red_Deer_5yr_Chicago_2h B7STM176
GC923	0.05	8.00	65.00	3.1100	Red_Deer_5yr_Chicago_2h B7STM176
GC924	0.09	15.00	40.00	3.5300	Red_Deer_5yr_Chicago_2h B8STM191
GC925	0.07	15.00	40.00	3.4000	Red_Deer_5yr_Chicago_2h B8STM191
GC926	0.06	15.00	40.00	5.3900	Red_Deer_5yr_Chicago_2h B17STM676
GC927	0.03	8.00	65.00	2.8400	Red_Deer_5yr_Chicago_2h B7STM176
GC928	0.08	15.00	40.00	3.4300	Red_Deer_5yr_Chicago_2h B11STM232
GC929	0.07	15.00	40.00	5.9900	Red_Deer_5yr_Chicago_2h GCMH85
GC93	0.11	15.00	40.00	6.6000	Red_Deer_5yr_Chicago_2h A15STM2
GC930	0.04	8.00	65.00	2.6400	Red_Deer_5yr_Chicago_2h B7STM175
GC931	0.04	8.00	65.00	3.3600	Red_Deer_5yr_Chicago_2h GCMH3
GC932	0.04	8.00	65.00	2.6700	Red_Deer_5yr_Chicago_2h B7STM176
GC933	0.07	15.00	40.00	5.6600	Red_Deer_5yr_Chicago_2h B15STM11
GC934	0.04	8.00	65.00	2.8400	Red_Deer_5yr_Chicago_2h B7STM176
GC935	0.04	8.00	65.00	2.7600	Red_Deer_5yr_Chicago_2h B7STM176
GC936	0.04	8.00	65.00	3.0400	Red_Deer_5yr_Chicago_2h B7STM176
GC937	0.04	8.00	65.00	2.5800	Red_Deer_5yr_Chicago_2h B7STM175
GC938	0.04	8.00	65.00	3.0800	Red_Deer_5yr_Chicago_2h B7STM175
GC939	0.03	8.00	65.00	2.8100	Red_Deer_5yr_Chicago_2h GCMH3
GC94	0.04	8.00	50.00	4.2800	Red_Deer_5yr_Chicago_2h A7STM165
GC940	0.03	8.00	65.00	3.4100	Red_Deer_5yr_Chicago_2h GCMH3
GC941	0.06	15.00	40.00	3.3900	Red_Deer_5yr_Chicago_2h GCMH3
GC942	0.03	8.00	65.00	3.0500	Red_Deer_5yr_Chicago_2h GCMH3
GC943	0.06	15.00	40.00	2.9900	Red_Deer_5yr_Chicago_2h GCMH3
GC944	0.06	15.00	40.00	4.2600	Red_Deer_5yr_Chicago_2h B8STM191
GC945	0.06	15.00	40.00	3.5300	Red_Deer_5yr_Chicago_2h GCMH3
GC946	0.06	15.00	40.00	3.6700	Red_Deer_5yr_Chicago_2h B8STM191
GC947	0.06	15.00	40.00	3.7700	Red_Deer_5yr_Chicago_2h B8STM191
GC948	0.06	15.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h B8STM191
GC949	0.06	15.00	40.00	3.3700	Red_Deer_5yr_Chicago_2h B8STM191
GC95_1	0.16	15.00	70.00	3.1100	Red_Deer_5yr_Chicago_2h A13STM54
GC95_2	0.19	15.00	70.00	3.1100	Red_Deer_5yr_Chicago_2h A13STM2274
GC950	0.05	15.00	40.00	4.0300	Red_Deer_5yr_Chicago_2h B13STM242
GC951	0.07	15.00	40.00	4.0700	Red_Deer_5yr_Chicago_2h B13STM240
GC952	0.23	15.00	70.00	2.4500	Red_Deer_5yr_Chicago_2h B16STM678
GC953	0.34	15.00	70.00	2.6900	Red_Deer_5yr_Chicago_2h B13STM242
GC954	0.06	15.00	40.00	6.1100	Red_Deer_5yr_Chicago_2h B15STM11
GC955	0.05	15.00	40.00	5.9200	Red_Deer_5yr_Chicago_2h B14STM38
GC956	0.06	15.00	40.00	3.6800	Red_Deer_5yr_Chicago_2h B16STM23
GC957	0.04	15.00	65.00	3.1000	Red_Deer_5yr_Chicago_2h B13STM226
GC958	0.09	15.00	40.00	5.3200	Red_Deer_5yr_Chicago_2h B14STM38
GC959	0.06	15.00	40.00	3.0300	Red_Deer_5yr_Chicago_2h B17STM676
GC96	0.05	15.00	40.00	4.9700	Red_Deer_5yr_Chicago_2h A5STM161
GC960	0.07	15.00	40.00	2.6800	Red_Deer_5yr_Chicago_2h B13STM242
GC961	0.07	15.00	40.00	5.6400	Red_Deer_5yr_Chicago_2h B15STM11
GC962	0.07	15.00	40.00	2.4300	Red_Deer_5yr_Chicago_2h B17STM686
GC963	0.06	15.00	40.00	6.3300	Red_Deer_5yr_Chicago_2h B14STM38
GC964	0.06	15.00	40.00	4.2400	Red_Deer_5yr_Chicago_2h B14STM38

GC965	0.07	15.00	65.00	3.0800	Red_Deer_5yr_Chicago_2h B13STM225
GC966	0.05	8.00	65.00	2.7400	Red_Deer_5yr_Chicago_2h B7STM176
GC967	0.06	15.00	40.00	3.7200	Red_Deer_5yr_Chicago_2h B14STM38
GC968	0.06	15.00	40.00	4.9400	Red_Deer_5yr_Chicago_2h B14STM38
GC969	0.06	15.00	40.00	5.3100	Red_Deer_5yr_Chicago_2h B14STM38
GC97	0.06	15.00	40.00	3.3400	Red_Deer_5yr_Chicago_2h A14STM32
GC970	0.06	15.00	40.00	4.6500	Red_Deer_5yr_Chicago_2h B15STM11
GC971	0.07	15.00	40.00	5.0900	Red_Deer_5yr_Chicago_2h B15STM11
GC972	0.07	15.00	40.00	5.4500	Red_Deer_5yr_Chicago_2h B15STM11
GC973	0.06	15.00	40.00	2.1300	Red_Deer_5yr_Chicago_2h B13STM240
GC974	0.06	15.00	40.00	3.6700	Red_Deer_5yr_Chicago_2h B14STM38
GC975	0.09	15.00	40.00	3.8900	Red_Deer_5yr_Chicago_2h B8STM191
GC976	0.09	15.00	40.00	4.0400	Red_Deer_5yr_Chicago_2h B12STM230
GC977	0.06	15.00	40.00	6.2400	Red_Deer_5yr_Chicago_2h B17STM676
GC978	0.09	15.00	40.00	5.4500	Red_Deer_5yr_Chicago_2h B16STM675
GC979	0.04	15.00	65.00	3.1700	Red_Deer_5yr_Chicago_2h B13STM226
GC98	0.07	8.00	50.00	3.5300	Red_Deer_5yr_Chicago_2h GCMH1
GC980	0.08	15.00	40.00	4.9300	Red_Deer_5yr_Chicago_2h B11STM232
GC981	0.07	15.00	40.00	3.1300	Red_Deer_5yr_Chicago_2h B11STM232
GC982	0.12	15.00	70.00	3.9300	Red_Deer_5yr_Chicago_2h B12STM227
GC983	0.10	15.00	40.00	3.4100	Red_Deer_5yr_Chicago_2h B15STM17
GC984	0.07	15.00	40.00	4.3800	Red_Deer_5yr_Chicago_2h B13STM240
GC985	0.07	15.00	40.00	3.6500	Red_Deer_5yr_Chicago_2h B11STM231
GC986	0.07	15.00	40.00	2.9000	Red_Deer_5yr_Chicago_2h B11STM231
GC987	0.07	15.00	40.00	3.3900	Red_Deer_5yr_Chicago_2h B12STM230
GC988	0.08	15.00	40.00	4.0000	Red_Deer_5yr_Chicago_2h B11STM231
GC989	0.07	15.00	40.00	4.2300	Red_Deer_5yr_Chicago_2h B12STM230
GC99	0.06	15.00	65.00	3.2100	Red_Deer_5yr_Chicago_2h GCMH5
GC990	0.06	15.00	40.00	2.9200	Red_Deer_5yr_Chicago_2h B17STM676
GC991	0.06	15.00	40.00	5.5300	Red_Deer_5yr_Chicago_2h B15STM11
GC992	0.09	15.00	40.00	2.8700	Red_Deer_5yr_Chicago_2h B11STM231
GC993	0.07	15.00	40.00	5.0900	Red_Deer_5yr_Chicago_2h B16STM674
GC994	0.04	8.00	65.00	3.3400	Red_Deer_5yr_Chicago_2h B7STM176
GC995	0.12	15.00	70.00	2.5200	Red_Deer_5yr_Chicago_2h B16STM192
GC996	0.06	15.00	40.00	5.1700	Red_Deer_5yr_Chicago_2h B13STM242
GC997	0.06	15.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h B16STM194
GC998	0.07	15.00	40.00	3.8100	Red_Deer_5yr_Chicago_2h B14STM38
GC999	0.07	15.00	40.00	5.4500	Red_Deer_5yr_Chicago_2h B16STM192
S1	3.02	181.78	5.00	6.2400	Red_Deer_5yr_Chicago_2h J529
S1_1	0.49	15.00	70.00	6.4200	Red_Deer_5yr_Chicago_2h J145
S1_10	0.15	20.00	65.00	6.4200	Red_Deer_5yr_Chicago_2h J148
S1_11	0.99	75.00	65.00	6.4200	Red_Deer_5yr_Chicago_2h J247
S1_12	0.37	15.00	70.00	6.4200	Red_Deer_5yr_Chicago_2h J149
S1_13	0.76	75.00	45.00	6.4200	Red_Deer_5yr_Chicago_2h Crestview1
S1_14	1.15	65.00	65.00	6.4200	Red_Deer_5yr_Chicago_2h J145
S1_15	0.53	75.00	45.00	6.4200	Red_Deer_5yr_Chicago_2h J242
S1_16	2.09	75.00	65.00	6.4200	Red_Deer_5yr_Chicago_2h J246
S1_17	0.64	75.00	45.00	6.4200	Red_Deer_5yr_Chicago_2h J528
S1_18	8.62	120.00	30.00	6.4200	Red_Deer_5yr_Chicago_2h J151
S1_19	0.17	35.00	65.00	6.4200	Red_Deer_5yr_Chicago_2h J244
S1_2	27.42	295.00	5.00	6.4200	Red_Deer_5yr_Chicago_2h J246
S1_20	0.24	35.00	65.00	6.4200	Red_Deer_5yr_Chicago_2h J245
S1_21	0.20	15.00	70.00	6.4200	Red_Deer_5yr_Chicago_2h J141
S1_22	1.07	75.00	65.00	6.4200	Red_Deer_5yr_Chicago_2h J144
S1_23	0.47	15.00	70.00	6.4200	Red_Deer_5yr_Chicago_2h J241
S1_25	0.21	35.00	65.00	6.4200	Red_Deer_5yr_Chicago_2h J245
S1_26	0.19	35.00	65.00	6.4200	Red_Deer_5yr_Chicago_2h J243
S1_27	0.35	40.00	65.00	6.4200	Red_Deer_5yr_Chicago_2h J150
S1_28	0.17	15.00	70.00	6.4200	Red_Deer_5yr_Chicago_2h J152
S1_29	0.40	55.00	65.00	6.4200	Red_Deer_5yr_Chicago_2h J152
S1_3	0.40	55.00	65.00	6.4200	Red_Deer_5yr_Chicago_2h J143
S1_30	0.27	35.00	65.00	6.4200	Red_Deer_5yr_Chicago_2h J244
S1_31	0.57	65.00	65.00	6.4200	Red_Deer_5yr_Chicago_2h J147
S1_32	0.07	15.00	70.00	6.4200	Red_Deer_5yr_Chicago_2h J245
S1_33	0.98	95.00	45.00	6.4200	Red_Deer_5yr_Chicago_2h J528
S1_34	0.21	35.00	65.00	6.4200	Red_Deer_5yr_Chicago_2h J245
S1_35	0.78	95.00	45.00	6.4200	Red_Deer_5yr_Chicago_2h J240
S1_4	0.20	15.00	70.00	6.4200	Red_Deer_5yr_Chicago_2h J301
S1_5	3.19	75.00	5.00	6.4200	Red_Deer_5yr_Chicago_2h Crestview1
S1_6	0.71	75.00	65.00	6.4200	Red_Deer_5yr_Chicago_2h J337
S1_7	0.24	15.00	70.00	6.4200	Red_Deer_5yr_Chicago_2h J244
S1_8	0.32	15.00	70.00	6.4200	Red_Deer_5yr_Chicago_2h J243
S1_9	0.73	75.00	65.00	6.4200	Red_Deer_5yr_Chicago_2h J244
S10	1.27	72.66	30.00	4.1100	Red_Deer_5yr_Chicago_2h I9STM150
S10_1	0.54	15.00	70.00	2.8500	Red_Deer_5yr_Chicago_2h I9STM139

S10_2	0.12	15.00	70.00	2.7900	Red_Deer_5yr_Chicago_2h I9STM143
S1001	0.08	15.00	40.00	3.8200	Red_Deer_5yr_Chicago_2h J368
S1002	0.07	15.00	40.00	4.2900	Red_Deer_5yr_Chicago_2h G14STM71
S1003	0.14	15.00	40.00	5.3200	Red_Deer_5yr_Chicago_2h I14STM1517
S1011	0.06	15.00	40.00	5.9600	Red_Deer_5yr_Chicago_2h H14STM1518
S1023	0.08	15.00	40.00	7.0100	Red_Deer_5yr_Chicago_2h H14STM69
S1030	0.06	15.00	40.00	4.8700	Red_Deer_5yr_Chicago_2h G14STM63
S1034	0.06	15.00	40.00	4.5500	Red_Deer_5yr_Chicago_2h F14STM61
S1037	0.05	15.00	40.00	6.4900	Red_Deer_5yr_Chicago_2h H14STM1518
S1039	0.06	15.00	40.00	4.4200	Red_Deer_5yr_Chicago_2h G14STM74
S1040	0.06	15.00	40.00	5.7300	Red_Deer_5yr_Chicago_2h G14STM74
S1041	0.06	15.00	40.00	5.7200	Red_Deer_5yr_Chicago_2h G14STM74
S1042	0.08	15.00	40.00	2.8000	Red_Deer_5yr_Chicago_2h J368
S1044	0.06	15.00	40.00	5.5000	Red_Deer_5yr_Chicago_2h G14STM74
S1045	0.06	15.00	40.00	7.4000	Red_Deer_5yr_Chicago_2h I14STM1517
S1047	0.06	15.00	40.00	4.3600	Red_Deer_5yr_Chicago_2h G14STM74
S1048	0.07	15.00	40.00	6.6600	Red_Deer_5yr_Chicago_2h H14STM69
S1051	0.06	15.00	40.00	4.0100	Red_Deer_5yr_Chicago_2h G14STM74
S1053	0.06	15.00	40.00	6.3600	Red_Deer_5yr_Chicago_2h H14STM1518
S1054	0.06	15.00	40.00	4.1100	Red_Deer_5yr_Chicago_2h F14STM61
S1055	0.06	15.00	40.00	5.2100	Red_Deer_5yr_Chicago_2h G14STM72
S1057	0.06	15.00	40.00	3.8100	Red_Deer_5yr_Chicago_2h G14STM74
S1058	0.07	15.00	40.00	4.7700	Red_Deer_5yr_Chicago_2h F14STM60
S1060	0.06	15.00	40.00	6.7900	Red_Deer_5yr_Chicago_2h I14STM1517
S1061	0.08	15.00	40.00	3.1200	Red_Deer_5yr_Chicago_2h G14STM67
S1063	0.07	15.00	40.00	6.1900	Red_Deer_5yr_Chicago_2h H14STM69
S1064	0.06	15.00	40.00	5.4000	Red_Deer_5yr_Chicago_2h H14STM1518
S1069	0.07	9.64	65.00	4.1600	Red_Deer_5yr_Chicago_2h J109
S1071	0.13	13.22	65.00	6.8900	Red_Deer_5yr_Chicago_2h F14STM271
S1075	0.06	15.00	40.00	4.2200	Red_Deer_5yr_Chicago_2h G14STM72
S1076	0.10	15.00	40.00	5.7500	Red_Deer_5yr_Chicago_2h F14STM60
S1077	0.10	15.00	40.00	4.3800	Red_Deer_5yr_Chicago_2h F14STM60
S1079	0.06	15.00	40.00	4.4100	Red_Deer_5yr_Chicago_2h G14STM63
S1080	0.06	15.00	40.00	5.7000	Red_Deer_5yr_Chicago_2h F14STM61
S1081	0.06	15.00	40.00	5.8400	Red_Deer_5yr_Chicago_2h I14STM1517
S1082	0.09	15.00	40.00	2.7100	Red_Deer_5yr_Chicago_2h G14STM67
S1083	0.06	15.00	40.00	4.8700	Red_Deer_5yr_Chicago_2h J391
S1087	0.07	15.00	40.00	5.7900	Red_Deer_5yr_Chicago_2h H14STM69
S1090	0.06	15.00	40.00	4.4700	Red_Deer_5yr_Chicago_2h G14STM72
S1091	0.06	15.00	40.00	3.4900	Red_Deer_5yr_Chicago_2h I14STM1524
S1093	0.06	15.00	40.00	5.9600	Red_Deer_5yr_Chicago_2h I14STM1517
S1094	0.06	15.00	40.00	4.9100	Red_Deer_5yr_Chicago_2h J391
S1095	0.06	15.00	40.00	5.0600	Red_Deer_5yr_Chicago_2h J391
S1097	0.06	15.00	40.00	7.3300	Red_Deer_5yr_Chicago_2h F14STM60
S1098	0.06	15.00	40.00	6.1000	Red_Deer_5yr_Chicago_2h F14STM60
S11	0.74	15.00	70.00	2.9400	Red_Deer_5yr_Chicago_2h H9STM138
S1100	0.06	15.00	40.00	3.7900	Red_Deer_5yr_Chicago_2h F14STM61
S1114	0.06	15.00	40.00	2.8800	Red_Deer_5yr_Chicago_2h I14STM1524
S1115	0.06	15.00	40.00	4.0400	Red_Deer_5yr_Chicago_2h G14STM72
S1116	0.07	15.00	40.00	6.1200	Red_Deer_5yr_Chicago_2h H14STM69
S1117	0.07	15.00	40.00	3.2300	Red_Deer_5yr_Chicago_2h H14STM1518
S1118	0.14	15.00	70.00	3.3700	Red_Deer_5yr_Chicago_2h H14STM1518
S1120	0.06	15.00	40.00	3.2300	Red_Deer_5yr_Chicago_2h J391
S1125	0.06	15.00	40.00	3.0800	Red_Deer_5yr_Chicago_2h I14STM1524
S1127	0.06	15.00	40.00	4.2500	Red_Deer_5yr_Chicago_2h G14STM72
S1128	0.06	15.00	40.00	5.6600	Red_Deer_5yr_Chicago_2h F14STM61
S1129	0.06	15.00	40.00	3.4800	Red_Deer_5yr_Chicago_2h J422
S1130	0.06	15.00	40.00	4.0400	Red_Deer_5yr_Chicago_2h J422
S1132	0.06	15.00	40.00	3.0300	Red_Deer_5yr_Chicago_2h J422
S1133	0.08	15.00	40.00	3.0800	Red_Deer_5yr_Chicago_2h J422
S1134	0.06	15.00	40.00	4.8400	Red_Deer_5yr_Chicago_2h G14STM63
S1135	0.09	15.00	40.00	3.8100	Red_Deer_5yr_Chicago_2h J422
S1136	0.07	9.64	65.00	4.8000	Red_Deer_5yr_Chicago_2h J109
S1138	0.06	15.00	40.00	3.4600	Red_Deer_5yr_Chicago_2h I14STM1521
S1139	0.09	15.00	40.00	3.1500	Red_Deer_5yr_Chicago_2h J391
S1140	0.06	15.00	40.00	4.0100	Red_Deer_5yr_Chicago_2h G14STM72
S1141	0.05	15.00	40.00	6.7400	Red_Deer_5yr_Chicago_2h F14STM60
S1142	0.05	15.00	40.00	5.4000	Red_Deer_5yr_Chicago_2h F14STM60
S1143	0.06	15.00	40.00	3.9800	Red_Deer_5yr_Chicago_2h F14STM61
S1144	0.07	15.00	40.00	4.5100	Red_Deer_5yr_Chicago_2h G14STM64
S1145	0.07	15.00	40.00	3.5500	Red_Deer_5yr_Chicago_2h G14STM64
S1147	0.09	15.00	40.00	2.9700	Red_Deer_5yr_Chicago_2h J422
S1150	0.06	15.00	40.00	3.0600	Red_Deer_5yr_Chicago_2h I14STM1521
S1153	0.07	15.00	40.00	4.8700	Red_Deer_5yr_Chicago_2h H14STM1518
S1154	0.13	15.00	40.00	4.7200	Red_Deer_5yr_Chicago_2h J422

S1155	0.08	15.00	40.00	4.0600	Red_Deer_5yr_Chicago_2h G14STM64
S1157	0.08	15.00	40.00	4.2800	Red_Deer_5yr_Chicago_2h G14STM64
S1167	0.07	15.00	40.00	4.5500	Red_Deer_5yr_Chicago_2h H14STM1518
S1175	0.06	15.00	40.00	4.2800	Red_Deer_5yr_Chicago_2h G14STM72
S1176	0.06	15.00	40.00	3.2200	Red_Deer_5yr_Chicago_2h I14STM1521
S1178	0.21	15.00	40.00	9.1700	Red_Deer_5yr_Chicago_2h Pier_View
S1184	0.06	15.00	40.00	7.3400	Red_Deer_5yr_Chicago_2h F14STM61
S1185	0.07	15.00	40.00	4.7000	Red_Deer_5yr_Chicago_2h G14STM63
S1186	0.09	15.00	40.00	4.5100	Red_Deer_5yr_Chicago_2h G14STM64
S1188	0.08	15.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h G14STM64
S1193	0.06	15.00	40.00	2.9500	Red_Deer_5yr_Chicago_2h I14STM1521
S1194	0.08	15.00	40.00	4.1000	Red_Deer_5yr_Chicago_2h G14STM64
S1196	0.06	15.00	40.00	5.2400	Red_Deer_5yr_Chicago_2h F14STM60
S1197	0.06	15.00	40.00	5.9900	Red_Deer_5yr_Chicago_2h F14STM60
S1198	0.06	15.00	40.00	3.3300	Red_Deer_5yr_Chicago_2h F14STM61
S1199	0.07	9.64	65.00	4.9900	Red_Deer_5yr_Chicago_2h J109
S12	12.49	153.35	30.00	2.5300	Red_Deer_5yr_Chicago_2h I9STM143
S12_1	0.16	15.00	70.00	2.5700	Red_Deer_5yr_Chicago_2h I8STM100
S12_2	0.41	15.00	70.00	2.7800	Red_Deer_5yr_Chicago_2h I11STM92
S12_4	0.14	15.00	70.00	2.6800	Red_Deer_5yr_Chicago_2h I10STM93
S12_5	0.36	15.00	70.00	2.8000	Red_Deer_5yr_Chicago_2h I10STM95
S12_6	0.15	15.00	70.00	2.6900	Red_Deer_5yr_Chicago_2h I9STM96
S12_7	0.24	15.00	70.00	2.7700	Red_Deer_5yr_Chicago_2h I9STM97
S12_8	0.29	15.00	70.00	3.0500	Red_Deer_5yr_Chicago_2h I9STM98
S12_9	0.21	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h I8STM99
S1201	0.07	15.00	40.00	3.8400	Red_Deer_5yr_Chicago_2h G14STM65
S1202	0.07	15.00	40.00	4.3300	Red_Deer_5yr_Chicago_2h I14STM1520
S1204	0.07	15.00	40.00	4.7300	Red_Deer_5yr_Chicago_2h J422
S1205	0.06	15.00	50.00	3.4700	Red_Deer_5yr_Chicago_2h I14STM1528
S1206	0.07	15.00	40.00	3.6800	Red_Deer_5yr_Chicago_2h J422
S1207	0.08	15.00	40.00	4.6800	Red_Deer_5yr_Chicago_2h H14STM1518
S1208	0.16	14.48	65.00	6.6400	Red_Deer_5yr_Chicago_2h F14STM271
S1212	0.10	15.00	40.00	5.9000	Red_Deer_5yr_Chicago_2h G14STM67
S1216	0.07	15.00	40.00	4.5800	Red_Deer_5yr_Chicago_2h H14STM1518
S1218	0.08	15.00	40.00	3.1800	Red_Deer_5yr_Chicago_2h G14STM65
S1220	0.10	15.00	40.00	4.0900	Red_Deer_5yr_Chicago_2h G14STM65
S1233	0.07	15.00	40.00	5.2200	Red_Deer_5yr_Chicago_2h G14STM67
S1234	0.08	15.00	40.00	3.5400	Red_Deer_5yr_Chicago_2h I14STM1521
S1235	0.06	15.00	40.00	5.3000	Red_Deer_5yr_Chicago_2h F14STM60
S1236	0.06	15.00	40.00	5.7300	Red_Deer_5yr_Chicago_2h F14STM60
S1237	0.06	15.00	40.00	4.2400	Red_Deer_5yr_Chicago_2h F14STM61
S1239	0.05	15.00	50.00	4.5600	Red_Deer_5yr_Chicago_2h I14STM1528
S1242	0.07	15.00	40.00	4.2100	Red_Deer_5yr_Chicago_2h I14STM1520
S1244	0.09	15.00	40.00	4.2900	Red_Deer_5yr_Chicago_2h J391
S1246	0.07	15.00	40.00	4.7300	Red_Deer_5yr_Chicago_2h J422
S1248	0.06	15.00	40.00	4.4800	Red_Deer_5yr_Chicago_2h J422
S1250	0.07	15.00	40.00	2.8100	Red_Deer_5yr_Chicago_2h I14STM1520
S1251	0.06	15.00	40.00	6.9400	Red_Deer_5yr_Chicago_2h J391
S1252	0.07	15.00	40.00	5.6300	Red_Deer_5yr_Chicago_2h G14STM67
S1254	0.08	15.00	40.00	5.6500	Red_Deer_5yr_Chicago_2h J100
S1255	0.06	15.00	40.00	4.6700	Red_Deer_5yr_Chicago_2h J422
S1256	0.06	15.00	40.00	4.2900	Red_Deer_5yr_Chicago_2h J422
S1257	0.06	15.00	40.00	6.0000	Red_Deer_5yr_Chicago_2h J422
S1258	0.06	15.00	40.00	3.2900	Red_Deer_5yr_Chicago_2h G14STM62
S1260	0.08	15.00	40.00	5.2000	Red_Deer_5yr_Chicago_2h I14STM1521
S1261	0.05	15.00	50.00	3.4100	Red_Deer_5yr_Chicago_2h I14STM1528
S1263	0.21	15.00	40.00	4.8400	Red_Deer_5yr_Chicago_2h J100
S1265	0.06	15.00	40.00	4.7900	Red_Deer_5yr_Chicago_2h G14STM62
S1266	0.08	15.00	40.00	4.0300	Red_Deer_5yr_Chicago_2h J100
S1267	0.07	15.00	40.00	6.3400	Red_Deer_5yr_Chicago_2h J391
S1273	0.06	15.00	40.00	4.5900	Red_Deer_5yr_Chicago_2h F14STM61
S1274	0.06	15.00	40.00	5.9800	Red_Deer_5yr_Chicago_2h F14STM60
S1275	0.06	15.00	40.00	5.9200	Red_Deer_5yr_Chicago_2h F14STM60
S1276	0.09	11.03	65.00	11.2100	Red_Deer_5yr_Chicago_2h F14STM59
S1277	0.07	15.00	40.00	5.8100	Red_Deer_5yr_Chicago_2h G14STM67
S1278	0.10	11.28	65.00	6.3000	Red_Deer_5yr_Chicago_2h J109
S1279	0.12	15.00	40.00	4.8800	Red_Deer_5yr_Chicago_2h J391
S1280	0.06	15.00	40.00	4.2800	Red_Deer_5yr_Chicago_2h F14STM61
S1281	0.06	15.00	40.00	4.7400	Red_Deer_5yr_Chicago_2h F14STM61
S1282	0.06	15.00	40.00	4.8000	Red_Deer_5yr_Chicago_2h F14STM61
S1283	0.06	15.00	40.00	3.6700	Red_Deer_5yr_Chicago_2h F14STM61
S1284	0.06	15.00	40.00	5.4200	Red_Deer_5yr_Chicago_2h I14STM1521
S1289	0.10	15.00	40.00	3.7000	Red_Deer_5yr_Chicago_2h G14STM64
S1290	0.07	15.00	40.00	5.1800	Red_Deer_5yr_Chicago_2h J422
S1291	0.06	15.00	40.00	3.0600	Red_Deer_5yr_Chicago_2h J422

S1292	0.07	15.00	40.00	3.6900	Red_Deer_5yr_Chicago_2h I14STM1520
S1293	0.06	15.00	40.00	5.1800	Red_Deer_5yr_Chicago_2h I14STM1521
S1294	0.09	15.00	40.00	3.0700	Red_Deer_5yr_Chicago_2h G14STM64
S1295	0.07	15.00	40.00	4.6800	Red_Deer_5yr_Chicago_2h G14STM66
S1297	0.06	15.00	50.00	3.5000	Red_Deer_5yr_Chicago_2h I14STM1528
S1298	0.12	15.00	40.00	4.9800	Red_Deer_5yr_Chicago_2h J100
S1299	0.09	15.00	40.00	4.9600	Red_Deer_5yr_Chicago_2h J100
S13	0.16	14.32	65.00	6.6700	Red_Deer_5yr_Chicago_2h J109
S1305	0.06	15.00	40.00	4.9100	Red_Deer_5yr_Chicago_2h I14STM1521
S1311	0.08	15.00	40.00	5.1900	Red_Deer_5yr_Chicago_2h J391
S1312	0.07	15.00	40.00	2.6400	Red_Deer_5yr_Chicago_2h G14STM64
S1320	0.06	15.00	40.00	5.8100	Red_Deer_5yr_Chicago_2h I14STM1521
S1326	0.06	15.00	40.00	2.5800	Red_Deer_5yr_Chicago_2h H13STM1519
S1329	0.08	15.00	40.00	3.9200	Red_Deer_5yr_Chicago_2h G14STM66
S133	0.60	15.00	40.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S1331	0.07	15.00	40.00	3.8100	Red_Deer_5yr_Chicago_2h G14STM65
S1333	0.18	15.00	40.00	6.4000	Red_Deer_5yr_Chicago_2h J422
S1334	0.07	15.00	40.00	4.7100	Red_Deer_5yr_Chicago_2h J422
S1338	0.06	15.00	50.00	3.9100	Red_Deer_5yr_Chicago_2h I13STM1527
S1339	0.06	15.00	40.00	5.7800	Red_Deer_5yr_Chicago_2h I14STM1521
S1340	0.06	15.00	40.00	4.2200	Red_Deer_5yr_Chicago_2h J422
S1341	0.11	15.00	40.00	4.4600	Red_Deer_5yr_Chicago_2h J100
S1342	0.06	15.00	40.00	3.4600	Red_Deer_5yr_Chicago_2h H13STM1519
S1346	0.06	15.00	40.00	2.6200	Red_Deer_5yr_Chicago_2h H13STM1519
S1347	0.07	15.00	40.00	3.8500	Red_Deer_5yr_Chicago_2h G14STM65
S1351	0.06	15.00	40.00	5.9700	Red_Deer_5yr_Chicago_2h I14STM1520
S1352	0.07	10.00	40.00	2.8600	Red_Deer_5yr_Chicago_2h I14STM1528
S1353	0.08	15.00	40.00	3.4100	Red_Deer_5yr_Chicago_2h H13STM1519
S1359	0.05	10.00	40.00	2.9200	Red_Deer_5yr_Chicago_2h I14STM1528
S1360	0.06	15.00	40.00	3.9300	Red_Deer_5yr_Chicago_2h I14STM1520
S1361	0.10	15.00	40.00	3.0500	Red_Deer_5yr_Chicago_2h J100
S1362	0.09	15.00	40.00	3.5600	Red_Deer_5yr_Chicago_2h G14STM66
S1366	0.09	15.00	40.00	2.9500	Red_Deer_5yr_Chicago_2h G14STM65
S1367	0.05	10.00	40.00	2.8400	Red_Deer_5yr_Chicago_2h I13STM1526
S1370	0.07	15.00	40.00	5.3600	Red_Deer_5yr_Chicago_2h J422
S1371	0.09	15.00	40.00	3.8700	Red_Deer_5yr_Chicago_2h H13STM1519
S1373	0.06	15.00	40.00	3.2600	Red_Deer_5yr_Chicago_2h J422
S1374	0.04	10.00	40.00	2.7500	Red_Deer_5yr_Chicago_2h I13STM1526
S1376	0.14	15.00	40.00	4.3100	Red_Deer_5yr_Chicago_2h G14STM65
S1381	0.04	10.00	40.00	3.2700	Red_Deer_5yr_Chicago_2h I13STM1526
S1386	0.08	15.00	40.00	3.4500	Red_Deer_5yr_Chicago_2h J100
S1387	0.06	15.00	40.00	4.6100	Red_Deer_5yr_Chicago_2h I14STM1520
S1390	0.06	15.00	50.00	3.4800	Red_Deer_5yr_Chicago_2h I14STM1530
S1391	0.04	10.00	40.00	2.5900	Red_Deer_5yr_Chicago_2h I13STM1526
S1392	0.09	15.00	40.00	3.3300	Red_Deer_5yr_Chicago_2h J98
S1393	0.08	15.00	40.00	5.5900	Red_Deer_5yr_Chicago_2h F14STM60
S1394	0.08	15.00	40.00	5.7700	Red_Deer_5yr_Chicago_2h F14STM60
S1395	0.08	15.00	40.00	5.8400	Red_Deer_5yr_Chicago_2h F14STM60
S1396	0.08	15.00	40.00	5.3800	Red_Deer_5yr_Chicago_2h F14STM60
S1397	0.08	15.00	40.00	5.2500	Red_Deer_5yr_Chicago_2h F14STM60
S1398	0.08	15.00	40.00	4.9500	Red_Deer_5yr_Chicago_2h F14STM60
S1399	0.08	15.00	40.00	6.1800	Red_Deer_5yr_Chicago_2h F14STM60
S14	0.72	42.41	5.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S1401	0.10	15.00	40.00	4.1600	Red_Deer_5yr_Chicago_2h J100
S1405	0.06	15.00	40.00	3.9400	Red_Deer_5yr_Chicago_2h I14STM1520
S1406	0.04	10.00	40.00	3.1800	Red_Deer_5yr_Chicago_2h I13STM1526
S1407	0.07	15.00	40.00	4.1500	Red_Deer_5yr_Chicago_2h J100
S1409	0.06	15.00	40.00	4.3100	Red_Deer_5yr_Chicago_2h J422
S1410	0.06	15.00	40.00	4.0700	Red_Deer_5yr_Chicago_2h J422
S1411	0.06	15.00	40.00	3.6600	Red_Deer_5yr_Chicago_2h J422
S1412	0.03	8.00	65.00	3.6800	Red_Deer_5yr_Chicago_2h J98
S1413	0.04	10.00	40.00	3.4100	Red_Deer_5yr_Chicago_2h I13STM1526
S1417	0.06	15.00	40.00	4.4300	Red_Deer_5yr_Chicago_2h I14STM1520
S1421	0.07	15.00	40.00	3.0400	Red_Deer_5yr_Chicago_2h J100
S1422	0.06	15.00	40.00	4.0200	Red_Deer_5yr_Chicago_2h J422
S1423	0.05	15.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h I14STM1530
S1424	0.03	8.00	65.00	3.8300	Red_Deer_5yr_Chicago_2h J98
S1425	0.04	10.00	40.00	3.5000	Red_Deer_5yr_Chicago_2h I13STM1526
S1428	0.08	15.00	40.00	4.4500	Red_Deer_5yr_Chicago_2h J422
S1429	0.06	15.00	40.00	4.1600	Red_Deer_5yr_Chicago_2h H13STM1519
S1430	0.04	10.00	40.00	3.4600	Red_Deer_5yr_Chicago_2h I13STM1525
S1433	0.03	8.00	65.00	4.2900	Red_Deer_5yr_Chicago_2h J98
S1436	0.04	10.00	40.00	3.6500	Red_Deer_5yr_Chicago_2h I13STM1525
S1444	0.06	15.00	40.00	5.1600	Red_Deer_5yr_Chicago_2h H13STM1519
S1445	0.06	23.83	50.00	2.7700	Red_Deer_5yr_Chicago_2h J25

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S1446                0.05     10.00     40.00    3.0400 Red_Deer_5yr_Chicago_2h I13STM1525
   S1449                0.03      8.00     65.00    3.3600 Red_Deer_5yr_Chicago_2h J98
   S1454                0.07     15.00     40.00    3.6600 Red_Deer_5yr_Chicago_2h J100
S1463                0.05     10.00     50.00    4.6100 Red_Deer_5yr_Chicago_2h I13STM1526
S1464                0.06     15.00     40.00    5.1600 Red_Deer_5yr_Chicago_2h H13STM1519
   S1465                0.04      8.00     65.00    3.2300 Red_Deer_5yr_Chicago_2h J98
   S1468                0.07     15.00     40.00    4.4100 Red_Deer_5yr_Chicago_2h J422
S1469                0.05     10.00     50.00    3.5000 Red_Deer_5yr_Chicago_2h I13STM1526
   S1470                0.07     15.00     40.00    4.2000 Red_Deer_5yr_Chicago_2h J100
S1471                0.09     15.00     40.00    4.8600 Red_Deer_5yr_Chicago_2h H13STM1519
   S1472                0.05     23.39     50.00    2.6800 Red_Deer_5yr_Chicago_2h J25
   S1476                0.04      8.00     65.00    3.3000 Red_Deer_5yr_Chicago_2h J98
   S1477                0.05     10.00     40.00    3.0100 Red_Deer_5yr_Chicago_2h J423
S1480                0.04     10.00     50.00    3.6100 Red_Deer_5yr_Chicago_2h I13STM1526
   S1481                0.06     10.00     40.00    3.1400 Red_Deer_5yr_Chicago_2h J423
   S1483                0.05     10.00     40.00    3.1100 Red_Deer_5yr_Chicago_2h J423
S1484                0.06     15.00     40.00    5.9800 Red_Deer_5yr_Chicago_2h H13STM1519
S1486                0.05     10.00     40.00    3.3100 Red_Deer_5yr_Chicago_2h I13STM1525
   S1488                0.06     10.00     40.00    3.8600 Red_Deer_5yr_Chicago_2h J423
   S1489                0.05     10.00     40.00    3.2300 Red_Deer_5yr_Chicago_2h J423
   S1491                0.11     15.00     40.00    3.5600 Red_Deer_5yr_Chicago_2h J100
   S1495                0.13     13.14     65.00    4.3900 Red_Deer_5yr_Chicago_2h J109
S1496                0.04     10.00     50.00    3.7500 Red_Deer_5yr_Chicago_2h I13STM1526
   S1497                0.05     10.00     40.00    2.3900 Red_Deer_5yr_Chicago_2h J423
S1498                0.04     10.00     40.00    3.7200 Red_Deer_5yr_Chicago_2h H13STM2276
   S1499                0.04      8.00     65.00    3.9100 Red_Deer_5yr_Chicago_2h J98
     S15                4.97    111.48      5.00    7.6700 Red_Deer_5yr_Chicago_2h
                          Hewlett_Park_Wetland
   S1502                0.05     10.00     40.00    3.2200 Red_Deer_5yr_Chicago_2h J423
S1504                0.04     10.00     50.00    4.1800 Red_Deer_5yr_Chicago_2h I13STM1526
   S1505                0.05     15.00     50.00    2.9800 Red_Deer_5yr_Chicago_2h J25
S1506                0.04     10.00     40.00    3.1700 Red_Deer_5yr_Chicago_2h H13STM2276
   S1507                0.05     10.00     40.00    2.8200 Red_Deer_5yr_Chicago_2h J423
S1508                0.06     15.00     40.00    6.2900 Red_Deer_5yr_Chicago_2h H13STM1519
   S1509                0.05     10.00     40.00    3.1400 Red_Deer_5yr_Chicago_2h J423
    S151                0.72     15.00     40.00    1.1300 Red_Deer_5yr_Chicago_2h OF2
   S1511                0.07     15.00     65.00    4.1700 Red_Deer_5yr_Chicago_2h J98
S1514                0.04     10.00     50.00    4.0700 Red_Deer_5yr_Chicago_2h I13STM1526
S1517                0.04     10.00     40.00    3.9400 Red_Deer_5yr_Chicago_2h H13STM2276
   S1518                0.09     15.00     40.00    4.2000 Red_Deer_5yr_Chicago_2h J109
   S1519                0.06     10.00     40.00    3.2800 Red_Deer_5yr_Chicago_2h J423
   S1522                0.11     15.00     40.00    4.3900 Red_Deer_5yr_Chicago_2h J100
S1523                0.04     10.00     50.00    3.9200 Red_Deer_5yr_Chicago_2h I13STM1526
S1525                0.04     10.00     40.00    3.5200 Red_Deer_5yr_Chicago_2h H13STM2276
   S1526                0.05     10.00     40.00    3.4400 Red_Deer_5yr_Chicago_2h J423
   S1530                0.02     10.00     40.00    2.4300 Red_Deer_5yr_Chicago_2h J423
S1532                0.04     10.00     50.00    3.8000 Red_Deer_5yr_Chicago_2h I13STM1526
S1535                0.04     10.00     40.00    3.7500 Red_Deer_5yr_Chicago_2h H13STM2276
S1536                0.06     15.00     50.00    3.5300 Red_Deer_5yr_Chicago_2h I13STM1496
   S1537                0.08     15.00     40.00    5.9200 Red_Deer_5yr_Chicago_2h J422
   S1538                0.07     15.00     40.00    5.6400 Red_Deer_5yr_Chicago_2h J422
   S1540                0.07     15.00     40.00    5.9000 Red_Deer_5yr_Chicago_2h J422
   S1541                0.15     15.00     40.00    5.8100 Red_Deer_5yr_Chicago_2h J422
   S1544                0.05     10.00     40.00    2.6400 Red_Deer_5yr_Chicago_2h J423
   S1545                0.06     15.00     40.00    5.1300 Red_Deer_5yr_Chicago_2h J98
   S1549                0.06     10.00     40.00    4.4400 Red_Deer_5yr_Chicago_2h J423
   S1550                0.06     10.00     40.00    2.6700 Red_Deer_5yr_Chicago_2h J423
S1552                0.04     10.00     50.00    3.8200 Red_Deer_5yr_Chicago_2h I13STM1526
S1553                0.15     15.00     40.00    5.0200 Red_Deer_5yr_Chicago_2h H13STM1519
S1554                0.04     10.00     40.00    3.6000 Red_Deer_5yr_Chicago_2h H13STM2276
   S1556                0.11     15.00     40.00    4.2100 Red_Deer_5yr_Chicago_2h J98
S1560                0.04     10.00     50.00    4.2200 Red_Deer_5yr_Chicago_2h I13STM1525
   S1561                0.08     15.00     40.00    3.9900 Red_Deer_5yr_Chicago_2h J98
S1562                0.04     10.00     50.00    4.1600 Red_Deer_5yr_Chicago_2h I13STM1476
S1563                0.04     10.00     40.00    5.4900 Red_Deer_5yr_Chicago_2h H13STM2276
   S1565                0.09     15.00     40.00    4.8700 Red_Deer_5yr_Chicago_2h J98
   S1566                0.08     15.00     40.00    5.2900 Red_Deer_5yr_Chicago_2h J98
   S1567                0.09     15.00     40.00    6.0100 Red_Deer_5yr_Chicago_2h J98
   S1568                0.09     15.00     40.00    8.7800 Red_Deer_5yr_Chicago_2h J98
   S1569                0.08     15.00     40.00    3.0500 Red_Deer_5yr_Chicago_2h J100
S1570                0.04     10.00     50.00    4.2300 Red_Deer_5yr_Chicago_2h I13STM1525
S1571                0.04     10.00     40.00    3.9500 Red_Deer_5yr_Chicago_2h H13STM1532
S1573                0.04     10.00     50.00    3.1300 Red_Deer_5yr_Chicago_2h I13STM1476
   S1574                0.15     15.00     40.00    4.2300 Red_Deer_5yr_Chicago_2h J98
   S1576                0.08     15.00     40.00    4.3700 Red_Deer_5yr_Chicago_2h J109
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S1579	0.05	10.00	40.00	2.7900	Red_Deer_5yr_Chicago_2h J423
S1580	0.23	17.18	65.00	6.1600	Red_Deer_5yr_Chicago_2h J98
S1582	0.04	10.00	50.00	4.6200	Red_Deer_5yr_Chicago_2h I13STM1525
S1587	0.04	10.00	40.00	3.5400	Red_Deer_5yr_Chicago_2h H13STM1532
S1594	0.07	15.00	40.00	7.4600	Red_Deer_5yr_Chicago_2h J109
S1597	0.04	10.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h I13STM1476
S1599	0.11	15.00	40.00	3.3300	Red_Deer_5yr_Chicago_2h J98
S16	2.19	74.01	5.00	9.7800	Red_Deer_5yr_Chicago_2h HPMH43
S1601	0.04	10.00	50.00	4.4800	Red_Deer_5yr_Chicago_2h I13STM1525
S1605	0.04	10.00	40.00	4.1300	Red_Deer_5yr_Chicago_2h H13STM1532
S1606	0.05	10.00	40.00	2.2000	Red_Deer_5yr_Chicago_2h J423
S1608	0.07	9.25	65.00	7.9000	Red_Deer_5yr_Chicago_2h J98
S1609	0.04	10.00	50.00	3.5000	Red_Deer_5yr_Chicago_2h I13STM1476
S1612	0.06	15.00	50.00	3.8400	Red_Deer_5yr_Chicago_2h H13STM1532
S1614	0.04	10.00	50.00	3.1600	Red_Deer_5yr_Chicago_2h I13STM1476
S1616	0.06	10.00	50.00	4.2500	Red_Deer_5yr_Chicago_2h I13STM1525
S1617	0.05	10.00	40.00	2.9900	Red_Deer_5yr_Chicago_2h J423
S1618	0.06	15.00	40.00	3.6400	Red_Deer_5yr_Chicago_2h J100
S1620	0.05	10.00	40.00	4.5600	Red_Deer_5yr_Chicago_2h J423
S1622	0.05	15.00	40.00	3.3900	Red_Deer_5yr_Chicago_2h H13STM1532
S1623	0.09	15.00	40.00	6.7400	Red_Deer_5yr_Chicago_2h J98
S1624	0.04	10.00	50.00	2.9200	Red_Deer_5yr_Chicago_2h I13STM1476
S1626	0.06	15.00	50.00	3.1400	Red_Deer_5yr_Chicago_2h I13STM1478
S1627	0.04	10.00	50.00	3.4900	Red_Deer_5yr_Chicago_2h I13STM1525
S1628	0.09	15.00	40.00	4.8900	Red_Deer_5yr_Chicago_2h J109
S1630	0.06	15.00	40.00	3.4600	Red_Deer_5yr_Chicago_2h H13STM1531
S1632	0.04	10.00	40.00	2.6400	Red_Deer_5yr_Chicago_2h J423
S1633	0.04	10.00	50.00	2.9200	Red_Deer_5yr_Chicago_2h I13STM1476
S1634	0.04	10.00	40.00	3.0000	Red_Deer_5yr_Chicago_2h J423
S1635	0.04	10.00	50.00	3.3400	Red_Deer_5yr_Chicago_2h I13STM1525
S1642	0.04	10.00	40.00	2.0400	Red_Deer_5yr_Chicago_2h J423
S1643	0.07	15.00	40.00	5.4300	Red_Deer_5yr_Chicago_2h J109
S1649	0.04	10.00	50.00	3.0600	Red_Deer_5yr_Chicago_2h I13STM1476
S1650	0.04	10.00	40.00	2.3700	Red_Deer_5yr_Chicago_2h J423
S1652	0.04	10.00	50.00	3.3500	Red_Deer_5yr_Chicago_2h H13STM2276
S1654	0.10	15.00	40.00	3.5100	Red_Deer_5yr_Chicago_2h H13STM1531
S1656	0.08	9.96	65.00	6.3700	Red_Deer_5yr_Chicago_2h J98
S1658	0.14	15.00	40.00	5.2300	Red_Deer_5yr_Chicago_2h J98
S1659	0.04	10.00	40.00	2.8200	Red_Deer_5yr_Chicago_2h J423
S1660	17.71	10.00	40.00	4.2300	Red_Deer_5yr_Chicago_2h J423
S1661	0.04	10.00	50.00	2.9000	Red_Deer_5yr_Chicago_2h I13STM1476
S1663	0.08	15.00	40.00	3.4000	Red_Deer_5yr_Chicago_2h J98
S1664	0.04	10.00	50.00	3.7800	Red_Deer_5yr_Chicago_2h H13STM2276
S1665	0.06	15.00	50.00	2.7200	Red_Deer_5yr_Chicago_2h I13STM1478
S1666	0.04	10.00	50.00	3.0600	Red_Deer_5yr_Chicago_2h I13STM1476
S1668	0.05	10.00	40.00	4.0700	Red_Deer_5yr_Chicago_2h J423
S1670	0.06	15.00	40.00	3.6600	Red_Deer_5yr_Chicago_2h J100
S1671	0.04	10.00	50.00	3.6700	Red_Deer_5yr_Chicago_2h H13STM2276
S1672	0.06	10.00	50.00	3.1800	Red_Deer_5yr_Chicago_2h I13STM1476
S1673	0.04	10.00	40.00	2.4800	Red_Deer_5yr_Chicago_2h J423
S1675	0.03	8.00	65.00	7.2700	Red_Deer_5yr_Chicago_2h J98
S1678	0.04	10.00	50.00	3.7600	Red_Deer_5yr_Chicago_2h H13STM2276
S1681	0.10	10.00	50.00	2.7400	Red_Deer_5yr_Chicago_2h I13STM1476
S1682	0.08	15.00	40.00	3.6200	Red_Deer_5yr_Chicago_2h H13STM1531
S1687	0.04	10.00	40.00	3.0900	Red_Deer_5yr_Chicago_2h J423
S1691	0.11	15.00	40.00	5.5800	Red_Deer_5yr_Chicago_2h J109
S1693	0.04	10.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h H13STM2276
S1694	0.07	25.50	50.00	2.8300	Red_Deer_5yr_Chicago_2h I13STM1477
S1695	0.03	8.00	65.00	6.0700	Red_Deer_5yr_Chicago_2h J98
S1697	0.06	15.00	40.00	5.9000	Red_Deer_5yr_Chicago_2h J109
S1698	0.04	10.00	40.00	4.0300	Red_Deer_5yr_Chicago_2h J423
S17	1.11	52.57	5.00	6.2100	Red_Deer_5yr_Chicago_2h HPMH44_ADD
S1700	0.36	21.70	65.00	4.8500	Red_Deer_5yr_Chicago_2h J109
S1703	0.07	15.00	40.00	3.9500	Red_Deer_5yr_Chicago_2h J98
S1705	0.04	10.00	50.00	3.5100	Red_Deer_5yr_Chicago_2h H13STM2276
S1706	0.04	10.00	50.00	3.6500	Red_Deer_5yr_Chicago_2h I13STM1496
S1707	0.04	10.00	40.00	2.1900	Red_Deer_5yr_Chicago_2h J423
S1708	0.08	10.00	50.00	3.5900	Red_Deer_5yr_Chicago_2h I13STM1476
S1711	0.04	10.00	50.00	3.3400	Red_Deer_5yr_Chicago_2h H13STM1532
S1713	0.09	15.00	40.00	3.9600	Red_Deer_5yr_Chicago_2h J98
S1714	0.04	10.00	50.00	3.0600	Red_Deer_5yr_Chicago_2h I13STM1496
S1715	0.03	8.00	65.00	6.3200	Red_Deer_5yr_Chicago_2h J98
S1718	0.05	10.00	50.00	3.9100	Red_Deer_5yr_Chicago_2h H13STM1532
S1720	0.04	10.00	50.00	3.9200	Red_Deer_5yr_Chicago_2h I13STM1496
S1722	0.05	10.00	40.00	3.3000	Red_Deer_5yr_Chicago_2h J423

S1724	0.06	15.00	50.00	2.9500	Red_Deer_5yr_Chicago_2h I13STM1478
S1726	0.04	10.00	40.00	4.3600	Red_Deer_5yr_Chicago_2h J423
S1729	0.05	10.00	50.00	4.3800	Red_Deer_5yr_Chicago_2h I13STM1476
S1730	0.04	10.00	50.00	3.6600	Red_Deer_5yr_Chicago_2h I13STM1496
S1733	0.03	8.00	65.00	7.0500	Red_Deer_5yr_Chicago_2h J98
S1740	0.04	10.00	50.00	2.1100	Red_Deer_5yr_Chicago_2h I13STM1476
S1748	0.05	10.00	40.00	2.7600	Red_Deer_5yr_Chicago_2h J423
S1749	0.07	15.00	40.00	4.4900	Red_Deer_5yr_Chicago_2h J98
S1752	0.04	10.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h I13STM1496
S1754	0.14	15.00	40.00	7.3400	Red_Deer_5yr_Chicago_2h J98
S1755	0.11	15.00	40.00	5.7800	Red_Deer_5yr_Chicago_2h J98
S1756	0.07	15.00	40.00	4.9400	Red_Deer_5yr_Chicago_2h J98
S1757	0.07	15.00	40.00	6.1200	Red_Deer_5yr_Chicago_2h J98
S1758	0.07	15.00	40.00	6.8700	Red_Deer_5yr_Chicago_2h J98
S1759	0.07	15.00	40.00	6.4600	Red_Deer_5yr_Chicago_2h J98
S1760	0.07	15.00	40.00	3.3800	Red_Deer_5yr_Chicago_2h J98
S1761	0.10	15.00	40.00	3.4000	Red_Deer_5yr_Chicago_2h J100
S1764	0.04	10.00	50.00	2.9900	Red_Deer_5yr_Chicago_2h I13STM1496
S1765	0.03	8.00	65.00	4.9800	Red_Deer_5yr_Chicago_2h J98
S1768	0.06	15.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h I13STM1477
S1769	0.06	10.00	50.00	3.3000	Red_Deer_5yr_Chicago_2h I13STM1476
S1772	0.04	10.00	40.00	4.8000	Red_Deer_5yr_Chicago_2h J423
S1773	0.05	10.00	50.00	3.0200	Red_Deer_5yr_Chicago_2h I13STM1476
S1774	0.05	10.00	40.00	3.0200	Red_Deer_5yr_Chicago_2h J423
S1776	0.11	15.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h I13STM1534
S1779	0.04	10.00	50.00	2.1800	Red_Deer_5yr_Chicago_2h I13STM1476
S1782	0.05	15.00	50.00	3.9800	Red_Deer_5yr_Chicago_2h H13STM1532
S1784	0.13	15.00	40.00	4.6200	Red_Deer_5yr_Chicago_2h J98
S1785	0.10	15.00	40.00	3.1500	Red_Deer_5yr_Chicago_2h H13STM1531
S1787	0.09	15.00	50.00	2.3100	Red_Deer_5yr_Chicago_2h H13STM1533
S1789	0.03	8.00	65.00	5.7600	Red_Deer_5yr_Chicago_2h J98
S1790	0.14	15.00	40.00	3.4300	Red_Deer_5yr_Chicago_2h J98
S1794	0.07	15.00	65.00	3.4300	Red_Deer_5yr_Chicago_2h J110
S1795	0.05	10.00	40.00	3.1100	Red_Deer_5yr_Chicago_2h J423
S1797	0.11	15.00	50.00	3.1600	Red_Deer_5yr_Chicago_2h I13STM1534
S18	0.36	15.00	70.00	2.4200	Red_Deer_5yr_Chicago_2h H8STM135
S1803	0.07	15.00	40.00	4.3900	Red_Deer_5yr_Chicago_2h J98
S1804	0.07	15.00	40.00	4.8700	Red_Deer_5yr_Chicago_2h J111
S1806	0.07	15.00	65.00	5.2300	Red_Deer_5yr_Chicago_2h J110
S1807	0.05	10.00	50.00	3.4900	Red_Deer_5yr_Chicago_2h I13STM1476
S1808	0.07	15.00	50.00	2.9600	Red_Deer_5yr_Chicago_2h I13STM1479
S1811	0.04	10.00	50.00	2.4000	Red_Deer_5yr_Chicago_2h I13STM1476
S1812	0.04	10.00	40.00	4.3500	Red_Deer_5yr_Chicago_2h J423
S1814	0.03	8.00	65.00	8.3600	Red_Deer_5yr_Chicago_2h J98
S1816	0.11	15.00	50.00	2.5500	Red_Deer_5yr_Chicago_2h H13STM1533
S1817	0.07	15.00	50.00	3.5600	Red_Deer_5yr_Chicago_2h H13STM1531
S1818	0.07	15.00	40.00	3.9600	Red_Deer_5yr_Chicago_2h J98
S1820	0.06	15.00	40.00	3.5900	Red_Deer_5yr_Chicago_2h J100
S1822	0.10	15.00	40.00	4.3600	Red_Deer_5yr_Chicago_2h J98
S1826	0.07	15.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h I13STM1534
S1827	0.05	10.00	40.00	3.0300	Red_Deer_5yr_Chicago_2h J423
S1829	0.03	8.00	65.00	9.3100	Red_Deer_5yr_Chicago_2h J98
S1831	0.05	10.00	50.00	2.9600	Red_Deer_5yr_Chicago_2h I13STM1475
S1833	0.07	15.00	50.00	2.5700	Red_Deer_5yr_Chicago_2h I13STM1480
S1835	0.04	10.00	50.00	3.2100	Red_Deer_5yr_Chicago_2h I13STM1474
S1836	0.09	15.00	40.00	5.0100	Red_Deer_5yr_Chicago_2h J98
S1837	0.07	15.00	50.00	3.2800	Red_Deer_5yr_Chicago_2h H13STM1531
S1841	0.06	15.00	40.00	3.7700	Red_Deer_5yr_Chicago_2h J111
S1842	0.04	10.00	40.00	3.3600	Red_Deer_5yr_Chicago_2h J423
S1843	0.08	15.00	50.00	3.4900	Red_Deer_5yr_Chicago_2h H13STM1531
S1847	0.11	15.00	50.00	2.6500	Red_Deer_5yr_Chicago_2h I13STM1497
S1848	0.03	8.00	65.00	5.0100	Red_Deer_5yr_Chicago_2h J98
S1851	0.05	10.00	50.00	3.2300	Red_Deer_5yr_Chicago_2h I13STM1475
S1852	0.04	8.00	65.00	4.4000	Red_Deer_5yr_Chicago_2h J110
S1853	0.04	8.00	65.00	5.1000	Red_Deer_5yr_Chicago_2h J110
S1855	0.04	8.00	65.00	4.8500	Red_Deer_5yr_Chicago_2h J110
S1856	0.04	8.00	65.00	6.2200	Red_Deer_5yr_Chicago_2h J110
S1857	0.04	8.00	65.00	5.6900	Red_Deer_5yr_Chicago_2h J110
S1858	0.04	8.00	65.00	4.3400	Red_Deer_5yr_Chicago_2h J110
S1859	0.04	8.00	65.00	4.7400	Red_Deer_5yr_Chicago_2h J110
S1860	0.04	8.00	65.00	5.5400	Red_Deer_5yr_Chicago_2h J110
S1861	0.04	8.00	65.00	5.2200	Red_Deer_5yr_Chicago_2h J110
S1862	0.04	8.00	65.00	6.3200	Red_Deer_5yr_Chicago_2h J110
S1863	0.04	7.18	65.00	3.5000	Red_Deer_5yr_Chicago_2h J110
S1864	0.04	10.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h I13STM1474

S1865	0.10	15.00	50.00	2.6300	Red_Deer_5yr_Chicago_2h	I13STM1497
S1866	0.07	15.00	40.00	3.2700	Red_Deer_5yr_Chicago_2h	J98
S1867	0.04	7.56	65.00	3.4300	Red_Deer_5yr_Chicago_2h	J110
S1868	0.07	15.00	40.00	4.7000	Red_Deer_5yr_Chicago_2h	J98
S1872	0.06	15.00	50.00	3.2500	Red_Deer_5yr_Chicago_2h	I13STM1480
S1873	0.08	15.00	40.00	2.7600	Red_Deer_5yr_Chicago_2h	I13STM1497
S1874	0.04	10.00	40.00	3.4200	Red_Deer_5yr_Chicago_2h	J423
S1875	0.04	10.00	40.00	3.1500	Red_Deer_5yr_Chicago_2h	J423
S1876	0.04	10.00	40.00	3.6600	Red_Deer_5yr_Chicago_2h	J423
S1877	0.05	10.00	40.00	2.9600	Red_Deer_5yr_Chicago_2h	J423
S1878	0.05	10.00	40.00	3.7500	Red_Deer_5yr_Chicago_2h	J423
S1879	0.03	8.00	65.00	4.4200	Red_Deer_5yr_Chicago_2h	J98
S1880	0.10	15.00	40.00	3.5900	Red_Deer_5yr_Chicago_2h	H13STM1533
S1887	0.06	15.00	40.00	5.6200	Red_Deer_5yr_Chicago_2h	J111
S1894	0.13	15.00	50.00	2.8700	Red_Deer_5yr_Chicago_2h	I13STM1497
S1898	0.07	15.00	50.00	3.1300	Red_Deer_5yr_Chicago_2h	I13STM1536
S19	0.88	56.15	80.00	3.0000	Red_Deer_5yr_Chicago_2h	HPMH51
S1906	0.07	15.00	40.00	3.2000	Red_Deer_5yr_Chicago_2h	I13STM1497
S1907	0.04	10.00	50.00	3.2000	Red_Deer_5yr_Chicago_2h	I13STM1474
S1908	0.15	15.00	40.00	4.2600	Red_Deer_5yr_Chicago_2h	J111
S1909	0.07	15.00	40.00	5.8100	Red_Deer_5yr_Chicago_2h	J111
S1910	0.05	10.00	50.00	3.4000	Red_Deer_5yr_Chicago_2h	I13STM1475
S1911	0.03	8.00	65.00	3.8200	Red_Deer_5yr_Chicago_2h	J98
S1913	0.07	15.00	40.00	3.4600	Red_Deer_5yr_Chicago_2h	H13STM1533
S1916	0.06	15.00	50.00	3.3300	Red_Deer_5yr_Chicago_2h	I13STM1480
S1918	0.06	10.00	40.00	3.5900	Red_Deer_5yr_Chicago_2h	J423
S1919	0.07	15.00	40.00	3.5300	Red_Deer_5yr_Chicago_2h	J100
S1920	0.08	15.00	40.00	3.8000	Red_Deer_5yr_Chicago_2h	J100
S1921	0.07	15.00	40.00	2.9900	Red_Deer_5yr_Chicago_2h	J98
S1922	0.06	15.00	40.00	3.2900	Red_Deer_5yr_Chicago_2h	J98
S1923	0.06	15.00	40.00	3.6100	Red_Deer_5yr_Chicago_2h	J98
S1924	0.06	15.00	40.00	3.5600	Red_Deer_5yr_Chicago_2h	J98
S1925	0.06	15.00	40.00	3.7400	Red_Deer_5yr_Chicago_2h	J98
S1926	0.06	15.00	40.00	3.6200	Red_Deer_5yr_Chicago_2h	J98
S1927	0.06	15.00	40.00	3.9700	Red_Deer_5yr_Chicago_2h	J98
S1928	0.06	15.00	40.00	3.9200	Red_Deer_5yr_Chicago_2h	J98
S1929	0.06	15.00	40.00	4.4100	Red_Deer_5yr_Chicago_2h	J98
S1931	0.07	15.00	40.00	3.7000	Red_Deer_5yr_Chicago_2h	J98
S1933	0.07	15.00	40.00	2.8200	Red_Deer_5yr_Chicago_2h	J98
S1935	0.08	15.00	40.00	4.9600	Red_Deer_5yr_Chicago_2h	J98
S1936	0.12	15.00	40.00	6.2200	Red_Deer_5yr_Chicago_2h	J98
S1937	0.16	15.00	40.00	4.4200	Red_Deer_5yr_Chicago_2h	J98
S1938	0.12	15.00	40.00	3.1500	Red_Deer_5yr_Chicago_2h	J98
S1939	3.96	129.08	30.00	3.5400	Red_Deer_5yr_Chicago_2h	J104
S1940	0.10	15.00	40.00	3.9200	Red_Deer_5yr_Chicago_2h	J98
S1941	0.10	15.00	40.00	4.4100	Red_Deer_5yr_Chicago_2h	J98
S1942	0.10	15.00	40.00	3.7800	Red_Deer_5yr_Chicago_2h	J98
S1943	0.10	15.00	40.00	4.1500	Red_Deer_5yr_Chicago_2h	J98
S1944	0.10	15.00	40.00	4.2000	Red_Deer_5yr_Chicago_2h	J98
S1945	0.15	15.00	40.00	4.5400	Red_Deer_5yr_Chicago_2h	J98
S1946	0.03	8.00	65.00	5.5600	Red_Deer_5yr_Chicago_2h	J98
S1950	0.04	10.00	50.00	3.9000	Red_Deer_5yr_Chicago_2h	I13STM1474
S1953	0.06	15.00	40.00	3.6800	Red_Deer_5yr_Chicago_2h	H13STM1533
S1958	0.06	15.00	40.00	3.1700	Red_Deer_5yr_Chicago_2h	H13STM1494
S1960	0.08	15.00	50.00	3.0700	Red_Deer_5yr_Chicago_2h	I13STM1497
S1961	0.06	15.00	40.00	2.9900	Red_Deer_5yr_Chicago_2h	H13STM1533
S1963	0.06	15.00	40.00	3.3400	Red_Deer_5yr_Chicago_2h	H13STM1494
S1964	0.04	10.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h	I13STM1474
S1965	0.06	15.00	40.00	5.9100	Red_Deer_5yr_Chicago_2h	J111
S1970	0.06	15.00	40.00	2.9700	Red_Deer_5yr_Chicago_2h	H13STM1533
S1973	0.06	15.00	40.00	3.6800	Red_Deer_5yr_Chicago_2h	H13STM1494
S1978	0.04	10.00	50.00	3.9800	Red_Deer_5yr_Chicago_2h	I13STM1474
S1979	0.09	15.00	40.00	3.0900	Red_Deer_5yr_Chicago_2h	I12STM1483
S1980	0.06	15.00	40.00	3.6100	Red_Deer_5yr_Chicago_2h	I13STM1534
S1986	0.06	15.00	40.00	2.9800	Red_Deer_5yr_Chicago_2h	H12STM1495
S1988	0.03	8.00	65.00	3.9500	Red_Deer_5yr_Chicago_2h	J123
S1989	0.03	8.00	40.00	4.5300	Red_Deer_5yr_Chicago_2h	J510
S1990	0.03	8.00	40.00	4.1100	Red_Deer_5yr_Chicago_2h	J510
S1991	0.03	8.00	40.00	3.6200	Red_Deer_5yr_Chicago_2h	J120
S1992	0.03	8.00	40.00	5.0700	Red_Deer_5yr_Chicago_2h	J120
S1993	0.03	8.00	40.00	4.9800	Red_Deer_5yr_Chicago_2h	J119
S1994	0.10	10.00	40.00	2.9400	Red_Deer_5yr_Chicago_2h	J423
S1995	0.03	8.00	40.00	4.8700	Red_Deer_5yr_Chicago_2h	J441
S1996	0.03	8.00	40.00	4.4600	Red_Deer_5yr_Chicago_2h	J440
S1997	0.03	8.00	65.00	4.8700	Red_Deer_5yr_Chicago_2h	J440

S1998	0.07	10.00	40.00	2.9100	Red_Deer_5yr_Chicago_2h J423
S1999	0.03	8.00	65.00	4.9600	Red_Deer_5yr_Chicago_2h J114
S2	63.70	478.87	90.00	3.5600	Red_Deer_5yr_Chicago_2h Lagoons
S20	1.20	53.85	80.00	4.8700	Red_Deer_5yr_Chicago_2h HPMH45
S2000	0.05	10.00	40.00	3.0600	Red_Deer_5yr_Chicago_2h J423
S2001	0.04	10.00	40.00	3.3300	Red_Deer_5yr_Chicago_2h J423
S2002	0.05	10.00	40.00	2.7600	Red_Deer_5yr_Chicago_2h J423
S2003	0.05	10.00	40.00	3.0300	Red_Deer_5yr_Chicago_2h J423
S2004	0.04	10.00	40.00	3.7100	Red_Deer_5yr_Chicago_2h J423
S2005	0.04	10.00	40.00	2.9700	Red_Deer_5yr_Chicago_2h J423
S2007	0.06	15.00	40.00	2.9700	Red_Deer_5yr_Chicago_2h I13STM1536
S2012	0.08	15.00	40.00	3.1500	Red_Deer_5yr_Chicago_2h I12STM1483
S2014	0.04	10.00	50.00	4.0700	Red_Deer_5yr_Chicago_2h I13STM1474
S2016	0.06	15.00	65.00	2.8800	Red_Deer_5yr_Chicago_2h J101
S2018	0.06	15.00	65.00	2.9300	Red_Deer_5yr_Chicago_2h J123
S2019	0.03	8.00	65.00	2.7700	Red_Deer_5yr_Chicago_2h J123
S2020	0.03	8.00	40.00	4.1800	Red_Deer_5yr_Chicago_2h J510
S2021	0.03	8.00	40.00	4.1700	Red_Deer_5yr_Chicago_2h J510
S2022	0.03	8.00	40.00	3.4700	Red_Deer_5yr_Chicago_2h J120
S2023	0.03	8.00	40.00	4.9000	Red_Deer_5yr_Chicago_2h J120
S2024	0.03	8.00	40.00	3.6000	Red_Deer_5yr_Chicago_2h J119
S2025	0.06	15.00	40.00	3.2600	Red_Deer_5yr_Chicago_2h H12STM1495
S2027	0.03	8.00	40.00	6.0300	Red_Deer_5yr_Chicago_2h J441
S2028	0.03	8.00	40.00	3.8600	Red_Deer_5yr_Chicago_2h J440
S2029	0.03	8.00	65.00	5.7200	Red_Deer_5yr_Chicago_2h J440
S2030	0.03	8.00	65.00	6.5100	Red_Deer_5yr_Chicago_2h J114
S2031	0.06	15.00	40.00	3.6000	Red_Deer_5yr_Chicago_2h I13STM1536
S2032	0.20	22.14	5.00	8.0400	Red_Deer_5yr_Chicago_2h J441
S2033	0.07	15.00	40.00	2.9500	Red_Deer_5yr_Chicago_2h I12STM1483
S2035	0.10	15.00	50.00	4.2500	Red_Deer_5yr_Chicago_2h I13STM1482
S2039	0.06	15.00	40.00	3.7700	Red_Deer_5yr_Chicago_2h I13STM1536
S2053	0.03	8.00	65.00	4.1100	Red_Deer_5yr_Chicago_2h J123
S2054	0.03	8.00	40.00	5.5200	Red_Deer_5yr_Chicago_2h J510
S2056	0.03	8.00	40.00	3.2800	Red_Deer_5yr_Chicago_2h J510
S2057	0.03	8.00	40.00	4.5100	Red_Deer_5yr_Chicago_2h J120
S2058	0.03	8.00	40.00	4.4600	Red_Deer_5yr_Chicago_2h J120
S2060	0.03	8.00	40.00	3.7300	Red_Deer_5yr_Chicago_2h J119
S2061	0.09	15.00	40.00	6.1900	Red_Deer_5yr_Chicago_2h J119
S2063	0.03	8.00	40.00	5.6700	Red_Deer_5yr_Chicago_2h J441
S2064	0.03	8.00	40.00	5.7100	Red_Deer_5yr_Chicago_2h J440
S2065	0.03	8.00	65.00	4.7300	Red_Deer_5yr_Chicago_2h J440
S2067	0.03	8.00	65.00	6.1600	Red_Deer_5yr_Chicago_2h J114
S2070	0.20	15.00	40.00	7.6400	Red_Deer_5yr_Chicago_2h J111
S2072	0.10	15.00	40.00	7.5500	Red_Deer_5yr_Chicago_2h J111
S2074	0.06	15.00	40.00	4.0800	Red_Deer_5yr_Chicago_2h I13STM1475
S2075	0.12	15.00	40.00	7.3000	Red_Deer_5yr_Chicago_2h J111
S2076	0.81	32.38	65.00	7.0500	Red_Deer_5yr_Chicago_2h J110
S2077	0.06	15.00	40.00	3.4300	Red_Deer_5yr_Chicago_2h H12STM1495
S2079	0.06	15.00	40.00	3.5800	Red_Deer_5yr_Chicago_2h I13STM1475
S2080	0.06	15.00	40.00	3.2700	Red_Deer_5yr_Chicago_2h I13STM1475
S2081	0.06	15.00	40.00	3.0200	Red_Deer_5yr_Chicago_2h I12STM1473
S2086	0.08	15.00	40.00	3.0400	Red_Deer_5yr_Chicago_2h I13STM1482
S2087	0.05	15.00	65.00	2.9800	Red_Deer_5yr_Chicago_2h J101
S2088	0.06	15.00	65.00	3.0800	Red_Deer_5yr_Chicago_2h J123
S2089	0.03	8.00	65.00	2.5200	Red_Deer_5yr_Chicago_2h J123
S2090	0.03	8.00	40.00	3.6300	Red_Deer_5yr_Chicago_2h J510
S2091	0.03	8.00	40.00	3.9300	Red_Deer_5yr_Chicago_2h J510
S2092	0.03	8.00	40.00	4.2400	Red_Deer_5yr_Chicago_2h J120
S2093	0.03	8.00	40.00	3.7600	Red_Deer_5yr_Chicago_2h J120
S2094	0.03	8.00	40.00	4.5700	Red_Deer_5yr_Chicago_2h J119
S2095	0.03	8.00	40.00	3.2100	Red_Deer_5yr_Chicago_2h J119
S2096	0.03	8.00	40.00	4.4500	Red_Deer_5yr_Chicago_2h J441
S2097	0.03	8.00	40.00	4.3200	Red_Deer_5yr_Chicago_2h J440
S2098	0.03	8.00	65.00	4.8500	Red_Deer_5yr_Chicago_2h J440
S2099	0.03	8.00	65.00	8.2200	Red_Deer_5yr_Chicago_2h J114
S21	2.06	86.14	80.00	4.3300	Red_Deer_5yr_Chicago_2h CULV5210
S2105	0.06	15.00	40.00	3.2600	Red_Deer_5yr_Chicago_2h H12STM1493
S2107	0.06	15.00	40.00	3.2400	Red_Deer_5yr_Chicago_2h I13STM1482
S2109	0.03	8.00	65.00	3.9900	Red_Deer_5yr_Chicago_2h J123
S2110	0.03	8.00	40.00	3.3800	Red_Deer_5yr_Chicago_2h J510
S2111	0.03	8.00	40.00	4.5200	Red_Deer_5yr_Chicago_2h J510
S2112	0.03	8.00	40.00	3.0100	Red_Deer_5yr_Chicago_2h J120
S2113	0.03	8.00	40.00	3.4000	Red_Deer_5yr_Chicago_2h J120
S2114	0.03	8.00	40.00	4.9400	Red_Deer_5yr_Chicago_2h J119
S2115	0.03	8.00	40.00	2.7600	Red_Deer_5yr_Chicago_2h J119

S2116	0.03	8.00	40.00	4.6500	Red_Deer_5yr_Chicago_2h J441
S2117	0.03	8.00	40.00	3.4900	Red_Deer_5yr_Chicago_2h J440
S2118	0.03	8.00	65.00	4.8200	Red_Deer_5yr_Chicago_2h J440
S2119	0.03	8.00	65.00	4.8800	Red_Deer_5yr_Chicago_2h J114
S2126	0.06	15.00	40.00	3.2100	Red_Deer_5yr_Chicago_2h I13STM1482
S2131	0.05	15.00	65.00	2.7800	Red_Deer_5yr_Chicago_2h J101
S2132	0.06	15.00	65.00	3.6400	Red_Deer_5yr_Chicago_2h J123
S2133	0.03	8.00	65.00	3.8700	Red_Deer_5yr_Chicago_2h J123
S2134	0.03	8.00	40.00	4.0700	Red_Deer_5yr_Chicago_2h J510
S2135	0.03	8.00	40.00	4.1500	Red_Deer_5yr_Chicago_2h J510
S2136	0.03	8.00	40.00	3.7500	Red_Deer_5yr_Chicago_2h J120
S2137	0.03	8.00	40.00	3.6200	Red_Deer_5yr_Chicago_2h J120
S2138	0.03	8.00	40.00	5.1400	Red_Deer_5yr_Chicago_2h J119
S2139	0.03	8.00	40.00	4.4200	Red_Deer_5yr_Chicago_2h J119
S2140	0.03	8.00	40.00	5.9000	Red_Deer_5yr_Chicago_2h J441
S2141	0.03	8.00	40.00	3.6000	Red_Deer_5yr_Chicago_2h J440
S2142	0.03	8.00	65.00	5.0700	Red_Deer_5yr_Chicago_2h J440
S2143	0.03	8.00	65.00	4.6600	Red_Deer_5yr_Chicago_2h J114
S2144	0.06	15.00	40.00	3.4400	Red_Deer_5yr_Chicago_2h H12STM1493
S2147	0.06	15.00	40.00	3.1000	Red_Deer_5yr_Chicago_2h H13STM1494
S2148	0.06	15.00	40.00	2.8100	Red_Deer_5yr_Chicago_2h I12STM1483
S2150	0.06	15.00	40.00	3.6400	Red_Deer_5yr_Chicago_2h H13STM1494
S2152	0.03	8.00	65.00	3.5000	Red_Deer_5yr_Chicago_2h J123
S2153	0.03	8.00	40.00	3.7200	Red_Deer_5yr_Chicago_2h J510
S2154	0.03	8.00	40.00	3.7900	Red_Deer_5yr_Chicago_2h J510
S2155	0.03	8.00	40.00	3.1300	Red_Deer_5yr_Chicago_2h J120
S2156	0.03	8.00	40.00	4.1200	Red_Deer_5yr_Chicago_2h J120
S2157	0.03	8.00	40.00	6.9300	Red_Deer_5yr_Chicago_2h J119
S2158	0.03	8.00	40.00	3.5000	Red_Deer_5yr_Chicago_2h J119
S2159	0.06	15.00	40.00	3.2100	Red_Deer_5yr_Chicago_2h I12STM1483
S2161	0.07	8.00	40.00	6.7400	Red_Deer_5yr_Chicago_2h J441
S2162	0.03	8.00	40.00	4.9300	Red_Deer_5yr_Chicago_2h J440
S2163	0.03	8.00	65.00	3.9900	Red_Deer_5yr_Chicago_2h J440
S2164	0.03	8.00	65.00	5.4000	Red_Deer_5yr_Chicago_2h J114
S2168	0.08	15.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h I12STM1487
S2170	0.06	15.00	40.00	3.0700	Red_Deer_5yr_Chicago_2h H12STM1493
S2171	0.06	15.00	40.00	3.9300	Red_Deer_5yr_Chicago_2h H12STM1537
S2175	0.07	15.00	50.00	3.1800	Red_Deer_5yr_Chicago_2h I12STM1487
S2180	0.05	15.00	65.00	2.7200	Red_Deer_5yr_Chicago_2h J101
S2181	0.06	15.00	65.00	3.2000	Red_Deer_5yr_Chicago_2h J123
S2184	0.03	8.00	65.00	3.1300	Red_Deer_5yr_Chicago_2h J123
S2185	0.03	8.00	40.00	4.6800	Red_Deer_5yr_Chicago_2h J510
S2186	0.03	8.00	40.00	4.4000	Red_Deer_5yr_Chicago_2h J510
S2187	0.03	8.00	40.00	2.9700	Red_Deer_5yr_Chicago_2h J120
S2188	0.03	8.00	40.00	4.1000	Red_Deer_5yr_Chicago_2h J120
S2189	0.03	8.00	40.00	5.0200	Red_Deer_5yr_Chicago_2h J119
S2190	0.03	8.00	40.00	5.6900	Red_Deer_5yr_Chicago_2h J119
S2191	0.11	15.00	40.00	4.9000	Red_Deer_5yr_Chicago_2h J441
S2193	0.03	8.00	40.00	5.0900	Red_Deer_5yr_Chicago_2h J440
S2194	0.03	8.00	65.00	4.2500	Red_Deer_5yr_Chicago_2h J440
S2195	0.03	8.00	65.00	5.7800	Red_Deer_5yr_Chicago_2h J114
S2196	0.07	15.00	40.00	3.4700	Red_Deer_5yr_Chicago_2h I12STM1487
S2199	0.06	15.00	40.00	3.6500	Red_Deer_5yr_Chicago_2h H12STM1492
S22	3.95	119.31	80.00	3.7900	Red_Deer_5yr_Chicago_2h CULV5263
S2204	0.07	15.00	40.00	3.0900	Red_Deer_5yr_Chicago_2h I12STM1487
S2208	0.06	15.00	40.00	3.7900	Red_Deer_5yr_Chicago_2h H12STM1492
S2209	0.03	8.00	65.00	3.0100	Red_Deer_5yr_Chicago_2h J123
S2210	0.03	8.00	40.00	3.1000	Red_Deer_5yr_Chicago_2h J510
S2211	0.03	8.00	40.00	4.6400	Red_Deer_5yr_Chicago_2h J510
S2212	0.03	8.00	40.00	2.6200	Red_Deer_5yr_Chicago_2h J120
S2213	0.03	8.00	40.00	2.9500	Red_Deer_5yr_Chicago_2h J120
S2214	0.03	8.00	40.00	3.6500	Red_Deer_5yr_Chicago_2h J119
S2215	0.03	8.00	40.00	4.9000	Red_Deer_5yr_Chicago_2h J119
S2216	0.03	8.00	40.00	4.0300	Red_Deer_5yr_Chicago_2h J441
S2217	0.48	8.00	5.00	5.8300	Red_Deer_5yr_Chicago_2h J442
S2218	0.03	8.00	40.00	4.4400	Red_Deer_5yr_Chicago_2h J440
S2220	0.03	8.00	65.00	4.9100	Red_Deer_5yr_Chicago_2h J440
S2221	0.67	40.99	5.00	2.6100	Red_Deer_5yr_Chicago_2h I12STM1488
S2222	0.03	8.00	65.00	6.0700	Red_Deer_5yr_Chicago_2h J114
S2224	0.06	15.00	50.00	3.5400	Red_Deer_5yr_Chicago_2h H12STM1537
S2225	0.06	15.00	40.00	3.3800	Red_Deer_5yr_Chicago_2h H12STM1492
S2226	0.06	15.00	40.00	3.2100	Red_Deer_5yr_Chicago_2h H12STM1492
S2227	0.06	15.00	40.00	2.9000	Red_Deer_5yr_Chicago_2h H12STM1492
S2228	0.10	15.00	40.00	3.7400	Red_Deer_5yr_Chicago_2h I12STM1483
S2233	0.07	15.00	40.00	3.0200	Red_Deer_5yr_Chicago_2h I12STM1486

S2235	0.05	15.00	65.00	2.9600	Red_Deer_5yr_Chicago_2h	J101
S2236	0.06	15.00	65.00	3.3100	Red_Deer_5yr_Chicago_2h	J123
S2237	0.03	8.00	65.00	3.0100	Red_Deer_5yr_Chicago_2h	J123
S2238	0.03	8.00	40.00	3.4800	Red_Deer_5yr_Chicago_2h	J510
S2239	0.03	8.00	40.00	6.0300	Red_Deer_5yr_Chicago_2h	J510
S2240	0.03	8.00	40.00	3.2100	Red_Deer_5yr_Chicago_2h	J120
S2241	0.03	8.00	40.00	3.1800	Red_Deer_5yr_Chicago_2h	J120
S2242	0.03	8.00	40.00	5.3800	Red_Deer_5yr_Chicago_2h	J119
S2243	0.03	8.00	40.00	3.6300	Red_Deer_5yr_Chicago_2h	J119
S2244	0.03	8.00	40.00	6.8000	Red_Deer_5yr_Chicago_2h	J441
S2245	0.17	20.85	5.00	5.7900	Red_Deer_5yr_Chicago_2h	J440
S2246	0.03	8.00	40.00	5.6000	Red_Deer_5yr_Chicago_2h	J440
S2247	0.03	8.00	65.00	5.0600	Red_Deer_5yr_Chicago_2h	J440
S2248	0.03	8.00	65.00	4.6100	Red_Deer_5yr_Chicago_2h	J114
S2251	0.08	15.00	40.00	3.4400	Red_Deer_5yr_Chicago_2h	I12STM1484
S2252	0.07	15.00	40.00	3.4500	Red_Deer_5yr_Chicago_2h	I12STM1486
S2255	0.06	15.00	50.00	3.1300	Red_Deer_5yr_Chicago_2h	H12STM1537
S2257	0.03	8.00	65.00	3.5000	Red_Deer_5yr_Chicago_2h	J123
S2258	0.03	8.00	40.00	3.4700	Red_Deer_5yr_Chicago_2h	J510
S2259	0.03	8.00	40.00	4.5000	Red_Deer_5yr_Chicago_2h	J510
S226	1.02	15.00	40.00	1.1300	Red_Deer_5yr_Chicago_2h	OF2
S2260	0.03	8.00	40.00	3.3000	Red_Deer_5yr_Chicago_2h	J120
S2261	0.03	8.00	40.00	3.0700	Red_Deer_5yr_Chicago_2h	J120
S2262	0.03	8.00	40.00	3.8600	Red_Deer_5yr_Chicago_2h	J119
S2263	0.03	8.00	40.00	3.1600	Red_Deer_5yr_Chicago_2h	J119
S2264	0.03	8.00	40.00	5.2600	Red_Deer_5yr_Chicago_2h	J441
S2265	0.17	20.85	5.00	6.3200	Red_Deer_5yr_Chicago_2h	J441
S2266	0.27	25.88	5.00	8.6500	Red_Deer_5yr_Chicago_2h	J4
S2267	0.03	8.00	65.00	3.9300	Red_Deer_5yr_Chicago_2h	J440
S2268	0.03	8.00	65.00	4.4300	Red_Deer_5yr_Chicago_2h	J114
S2272	0.07	15.00	40.00	3.1500	Red_Deer_5yr_Chicago_2h	I12STM1486
S2273	0.09	15.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h	H12STM1537
S2275	0.07	15.00	40.00	3.5300	Red_Deer_5yr_Chicago_2h	H12STM1493
S2276	0.05	15.00	65.00	3.3800	Red_Deer_5yr_Chicago_2h	J101
S2277	0.06	15.00	65.00	3.3900	Red_Deer_5yr_Chicago_2h	J123
S2278	0.03	8.00	65.00	3.3700	Red_Deer_5yr_Chicago_2h	J123
S2279	0.03	8.00	40.00	3.8100	Red_Deer_5yr_Chicago_2h	J510
S228	0.92	15.00	40.00	1.1300	Red_Deer_5yr_Chicago_2h	OF2
S2280	0.03	8.00	40.00	4.9300	Red_Deer_5yr_Chicago_2h	J510
S2281	0.03	8.00	40.00	3.3600	Red_Deer_5yr_Chicago_2h	J120
S2282	0.03	8.00	40.00	3.7900	Red_Deer_5yr_Chicago_2h	J120
S2283	0.03	8.00	40.00	3.7700	Red_Deer_5yr_Chicago_2h	J119
S2284	0.03	8.00	40.00	3.8800	Red_Deer_5yr_Chicago_2h	J119
S2285	0.03	8.00	40.00	5.6400	Red_Deer_5yr_Chicago_2h	J441
S2288	0.03	8.00	65.00	4.8600	Red_Deer_5yr_Chicago_2h	J440
S2289	0.03	8.00	65.00	5.8000	Red_Deer_5yr_Chicago_2h	J114
S2290	0.07	15.00	40.00	2.8900	Red_Deer_5yr_Chicago_2h	I12STM1486
S2296	0.06	15.00	50.00	4.2100	Red_Deer_5yr_Chicago_2h	J26
S23	0.79	41.49	80.00	4.2100	Red_Deer_5yr_Chicago_2h	J3
S2305	0.03	8.00	65.00	3.0800	Red_Deer_5yr_Chicago_2h	J123
S2306	0.03	8.00	40.00	3.1500	Red_Deer_5yr_Chicago_2h	J510
S2307	0.03	8.00	40.00	8.9000	Red_Deer_5yr_Chicago_2h	J510
S2308	0.03	8.00	40.00	3.7400	Red_Deer_5yr_Chicago_2h	J120
S2309	0.03	8.00	40.00	2.7900	Red_Deer_5yr_Chicago_2h	J120
S2310	0.03	8.00	40.00	7.3700	Red_Deer_5yr_Chicago_2h	J119
S2312	0.03	8.00	40.00	3.3800	Red_Deer_5yr_Chicago_2h	J119
S2313	0.03	8.00	40.00	6.2300	Red_Deer_5yr_Chicago_2h	J441
S2317	0.06	15.00	40.00	3.3100	Red_Deer_5yr_Chicago_2h	I12STM1486
S2318	0.03	8.00	65.00	3.1200	Red_Deer_5yr_Chicago_2h	J440
S2319	0.03	8.00	65.00	6.0600	Red_Deer_5yr_Chicago_2h	J114
S2320	0.07	15.00	40.00	4.3100	Red_Deer_5yr_Chicago_2h	H12STM1493
S2322	0.06	15.00	40.00	3.2500	Red_Deer_5yr_Chicago_2h	I12STM1486
S2323	0.05	15.00	65.00	2.6000	Red_Deer_5yr_Chicago_2h	J101
S2324	0.06	15.00	65.00	3.7000	Red_Deer_5yr_Chicago_2h	J123
S2325	0.03	8.00	65.00	3.1400	Red_Deer_5yr_Chicago_2h	J123
S2326	0.03	8.00	40.00	3.6200	Red_Deer_5yr_Chicago_2h	J510
S2327	0.03	8.00	40.00	5.0400	Red_Deer_5yr_Chicago_2h	J510
S2328	0.03	8.00	40.00	3.5700	Red_Deer_5yr_Chicago_2h	J120
S2329	0.03	8.00	40.00	4.3800	Red_Deer_5yr_Chicago_2h	J120
S2331	0.03	8.00	40.00	7.2500	Red_Deer_5yr_Chicago_2h	J119
S2332	0.03	8.00	40.00	3.8200	Red_Deer_5yr_Chicago_2h	J119
S2333	0.03	8.00	40.00	4.4000	Red_Deer_5yr_Chicago_2h	J441
S2334	0.03	8.00	40.00	5.4700	Red_Deer_5yr_Chicago_2h	J441
S2336	0.05	15.00	50.00	3.2600	Red_Deer_5yr_Chicago_2h	J26
S2337	0.03	8.00	65.00	4.2300	Red_Deer_5yr_Chicago_2h	J440

S2338	0.03	8.00	65.00	6.3200	Red_Deer_5yr_Chicago_2h J114
S2341	0.05	15.00	50.00	4.1700	Red_Deer_5yr_Chicago_2h J26
S2346	0.07	15.00	40.00	3.9800	Red_Deer_5yr_Chicago_2h H12STM1492
S2347	0.06	15.00	40.00	4.3600	Red_Deer_5yr_Chicago_2h I12STM1486
S2350	0.03	8.00	65.00	2.7600	Red_Deer_5yr_Chicago_2h J123
S2351	0.03	8.00	40.00	2.8400	Red_Deer_5yr_Chicago_2h J510
S2352	0.03	8.00	40.00	4.0500	Red_Deer_5yr_Chicago_2h J510
S2353	0.03	8.00	40.00	3.9600	Red_Deer_5yr_Chicago_2h J120
S2354	0.03	8.00	40.00	3.4100	Red_Deer_5yr_Chicago_2h J120
S2355	0.03	8.00	40.00	3.7200	Red_Deer_5yr_Chicago_2h J119
S2356	0.03	8.00	40.00	3.8000	Red_Deer_5yr_Chicago_2h J119
S2357	0.03	8.00	40.00	5.5000	Red_Deer_5yr_Chicago_2h J441
S2358	0.03	8.00	40.00	4.0800	Red_Deer_5yr_Chicago_2h J441
S2360	0.03	8.00	65.00	4.5900	Red_Deer_5yr_Chicago_2h J440
S2361	0.03	8.00	65.00	5.0600	Red_Deer_5yr_Chicago_2h J114
S2365	0.07	15.00	40.00	3.2200	Red_Deer_5yr_Chicago_2h I12STM1507
S2367	0.05	15.00	50.00	3.2000	Red_Deer_5yr_Chicago_2h J26
S2369	0.05	15.00	65.00	3.2400	Red_Deer_5yr_Chicago_2h J101
S2370	0.06	15.00	65.00	3.4800	Red_Deer_5yr_Chicago_2h J123
S2371	0.05	15.00	50.00	3.5400	Red_Deer_5yr_Chicago_2h J26
S2373	0.03	8.00	65.00	2.8200	Red_Deer_5yr_Chicago_2h J123
S2374	0.03	8.00	40.00	3.1800	Red_Deer_5yr_Chicago_2h J510
S2375	0.06	15.00	40.00	2.9400	Red_Deer_5yr_Chicago_2h I12STM1507
S2377	0.03	8.00	40.00	4.7100	Red_Deer_5yr_Chicago_2h J510
S2378	0.03	8.00	40.00	4.3900	Red_Deer_5yr_Chicago_2h J120
S2379	0.03	8.00	40.00	4.1300	Red_Deer_5yr_Chicago_2h J120
S2380	0.03	8.00	40.00	3.8500	Red_Deer_5yr_Chicago_2h J119
S2381	0.03	8.00	40.00	3.3100	Red_Deer_5yr_Chicago_2h J119
S2382	0.03	8.00	40.00	6.0200	Red_Deer_5yr_Chicago_2h J441
S2383	0.03	8.00	40.00	3.3000	Red_Deer_5yr_Chicago_2h J441
S2384	0.03	8.00	50.00	6.4300	Red_Deer_5yr_Chicago_2h J440
S2385	0.03	8.00	65.00	6.3700	Red_Deer_5yr_Chicago_2h J440
S2386	0.03	8.00	65.00	3.2500	Red_Deer_5yr_Chicago_2h J114
S2388	0.07	15.00	40.00	3.0400	Red_Deer_5yr_Chicago_2h I12STM1507
S2392	0.07	15.00	40.00	3.1500	Red_Deer_5yr_Chicago_2h I12STM1507
S2393	0.10	15.85	30.00	3.0600	Red_Deer_5yr_Chicago_2h I12STM1507
S2394	0.06	15.00	40.00	2.9900	Red_Deer_5yr_Chicago_2h I12STM1507
S2395	0.07	15.00	40.00	3.2200	Red_Deer_5yr_Chicago_2h I12STM1507
S24	1.35	69.74	80.00	4.4200	Red_Deer_5yr_Chicago_2h J4
S2401	0.03	8.00	65.00	3.2100	Red_Deer_5yr_Chicago_2h J123
S2402	0.03	8.00	40.00	5.5900	Red_Deer_5yr_Chicago_2h J510
S2403	0.03	8.00	40.00	3.4600	Red_Deer_5yr_Chicago_2h J510
S2404	0.03	8.00	40.00	3.3700	Red_Deer_5yr_Chicago_2h J120
S2405	0.03	8.00	40.00	3.7200	Red_Deer_5yr_Chicago_2h J120
S2406	0.03	8.00	40.00	4.6100	Red_Deer_5yr_Chicago_2h J119
S2407	0.03	8.00	40.00	6.6000	Red_Deer_5yr_Chicago_2h J119
S2408	0.03	8.00	40.00	4.4300	Red_Deer_5yr_Chicago_2h J441
S2409	0.03	8.00	40.00	4.7000	Red_Deer_5yr_Chicago_2h J441
S2410	0.03	8.00	40.00	4.5800	Red_Deer_5yr_Chicago_2h J440
S2412	0.03	8.00	65.00	3.9100	Red_Deer_5yr_Chicago_2h J114
S2420	0.05	15.00	50.00	3.3400	Red_Deer_5yr_Chicago_2h J26
S2421	0.05	15.00	50.00	3.8900	Red_Deer_5yr_Chicago_2h J26
S2423	0.05	15.00	65.00	2.9700	Red_Deer_5yr_Chicago_2h J101
S2424	0.06	15.00	65.00	8.0600	Red_Deer_5yr_Chicago_2h J123
S2425	0.03	8.00	40.00	4.1800	Red_Deer_5yr_Chicago_2h J510
S2426	0.03	8.00	40.00	4.3200	Red_Deer_5yr_Chicago_2h J510
S2427	0.03	8.00	40.00	4.4400	Red_Deer_5yr_Chicago_2h J120
S2428	0.03	8.00	40.00	3.9800	Red_Deer_5yr_Chicago_2h J120
S2429	0.03	8.00	40.00	3.7500	Red_Deer_5yr_Chicago_2h J119
S2430	0.03	8.00	40.00	3.6900	Red_Deer_5yr_Chicago_2h J119
S2431	0.03	8.00	40.00	5.1500	Red_Deer_5yr_Chicago_2h J441
S2432	0.03	8.00	40.00	4.3200	Red_Deer_5yr_Chicago_2h J441
S2433	0.03	8.00	50.00	5.4900	Red_Deer_5yr_Chicago_2h J440
S2435	0.03	8.00	65.00	4.7000	Red_Deer_5yr_Chicago_2h J114
S2438	0.03	8.00	65.00	3.4100	Red_Deer_5yr_Chicago_2h J101
S2439	0.03	8.00	65.00	3.0600	Red_Deer_5yr_Chicago_2h J123
S2441	0.03	8.00	40.00	3.2800	Red_Deer_5yr_Chicago_2h J510
S2442	0.03	8.00	40.00	3.6100	Red_Deer_5yr_Chicago_2h J510
S2443	0.03	8.00	40.00	3.4900	Red_Deer_5yr_Chicago_2h J120
S2444	0.03	8.00	40.00	3.1300	Red_Deer_5yr_Chicago_2h J120
S2445	0.03	8.00	40.00	3.3900	Red_Deer_5yr_Chicago_2h J119
S2446	0.03	8.00	40.00	4.1700	Red_Deer_5yr_Chicago_2h J119
S2447	0.03	8.00	40.00	4.3800	Red_Deer_5yr_Chicago_2h J441
S2448	0.03	8.00	40.00	2.4600	Red_Deer_5yr_Chicago_2h J441
S2450	0.03	8.00	40.00	5.0600	Red_Deer_5yr_Chicago_2h J440

S2452	0.03	8.00	65.00	3.9100	Red_Deer_5yr_Chicago_2h J114
S2463	0.05	15.00	50.00	3.4700	Red_Deer_5yr_Chicago_2h H12STM1498
S2466	0.05	15.00	50.00	3.7200	Red_Deer_5yr_Chicago_2h H12STM1505
S2468	12.82	10.00	40.00	5.3300	Red_Deer_5yr_Chicago_2h J423
S2469	0.03	8.00	65.00	2.9300	Red_Deer_5yr_Chicago_2h J101
S2470	0.03	8.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J123
S2471	0.10	15.00	65.00	3.5000	Red_Deer_5yr_Chicago_2h J123
S2472	0.03	8.00	40.00	5.1700	Red_Deer_5yr_Chicago_2h J510
S2473	0.03	8.00	40.00	3.6500	Red_Deer_5yr_Chicago_2h J510
S2474	0.03	8.00	40.00	3.7400	Red_Deer_5yr_Chicago_2h J120
S2475	0.03	8.00	40.00	4.3800	Red_Deer_5yr_Chicago_2h J120
S2476	0.03	8.00	40.00	3.5700	Red_Deer_5yr_Chicago_2h J119
S2477	0.03	8.00	40.00	3.8500	Red_Deer_5yr_Chicago_2h J119
S2478	0.03	8.00	40.00	5.0000	Red_Deer_5yr_Chicago_2h J441
S2479	0.03	8.00	40.00	3.5600	Red_Deer_5yr_Chicago_2h J441
S2480	0.03	8.00	40.00	6.7300	Red_Deer_5yr_Chicago_2h J440
S2482	0.03	8.00	65.00	3.8100	Red_Deer_5yr_Chicago_2h J114
S2483	0.08	15.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h H12STM1505
S2486	0.06	15.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h I12STM1507
S2490	0.05	15.00	50.00	3.7500	Red_Deer_5yr_Chicago_2h I12STM1507
S2492	0.05	15.00	50.00	3.4400	Red_Deer_5yr_Chicago_2h I12STM1507
S2494	0.05	15.00	50.00	3.2700	Red_Deer_5yr_Chicago_2h H12STM1498
S2497_1	0.72	55.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h I14STM1530
S2497_10	0.26	55.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h I12STM1485
S2497_11	0.80	55.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J282
S2497_12	0.35	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J127
S2497_13	0.74	75.00	5.00	3.2900	Red_Deer_5yr_Chicago_2h HPMH16
S2497_14	1.38	105.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J138
S2497_15	0.59	55.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h I13STM1479
S2497_16	0.48	55.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J129
S2497_17	0.52	55.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J130
S2497_18	0.36	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J125
S2497_19	0.19	75.00	5.00	3.2900	Red_Deer_5yr_Chicago_2h J130
S2497_2	0.25	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J132
S2497_20	2.18	110.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J125
S2497_21	0.33	55.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J287
S2497_22	0.33	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J282
S2497_23	0.56	75.00	5.00	3.2900	Red_Deer_5yr_Chicago_2h J283
S2497_24	0.44	55.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J282
S2497_25	0.15	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J288
S2497_26	0.38	55.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J289
S2497_27	0.30	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J291
S2497_28	0.10	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J281
S2497_29	0.28	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J285
S2497_3	0.31	75.00	5.00	3.2900	Red_Deer_5yr_Chicago_2h J131
S2497_30	0.41	55.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J279
S2497_31	0.42	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J280
S2497_32	1.68	85.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J279
S2497_33	0.43	55.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J471
S2497_34	0.31	10.00	5.00	3.2900	Red_Deer_5yr_Chicago_2h J286
S2497_35	0.09	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J293
S2497_36	0.16	55.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J284
S2497_37	0.45	55.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J292
S2497_38	0.28	55.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h I12STM1485
S2497_39	0.31	55.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J293
S2497_4	0.18	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J131
S2497_40	0.49	55.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J288
S2497_42	0.66	55.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J291
S2497_5	0.35	55.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J275
S2497_6	1.12	105.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h J133
S2497_7	0.38	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J275
S2497_8	1.98	75.00	5.00	3.2900	Red_Deer_5yr_Chicago_2h J275
S2497_9	0.28	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J128
S2499	0.05	15.00	50.00	3.4900	Red_Deer_5yr_Chicago_2h I12STM1507
S25	0.46	40.57	80.00	5.7800	Red_Deer_5yr_Chicago_2h CULV5314
S2500	0.05	15.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h I12STM1507
S2502	0.05	15.00	50.00	3.9700	Red_Deer_5yr_Chicago_2h I12STM1507
S2505	0.06	15.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h I12STM1507
S2512	0.10	15.00	50.00	2.8700	Red_Deer_5yr_Chicago_2h Ryders_Ridge
S2514	0.05	15.00	50.00	3.2800	Red_Deer_5yr_Chicago_2h H12STM1498
S2520	0.03	8.00	70.00	4.1100	Red_Deer_5yr_Chicago_2h J493
S2521	0.03	8.00	65.00	3.8300	Red_Deer_5yr_Chicago_2h J510
S2522	0.03	8.00	65.00	3.5200	Red_Deer_5yr_Chicago_2h J510
S2523	0.03	8.00	40.00	4.8200	Red_Deer_5yr_Chicago_2h J120
S2524	0.03	8.00	65.00	2.5100	Red_Deer_5yr_Chicago_2h J119

S2525	0.03	8.00	65.00	3.6500	Red_Deer_5yr_Chicago_2h J119
S2526	0.03	8.00	65.00	4.1600	Red_Deer_5yr_Chicago_2h J441
S2527	0.03	8.00	65.00	4.3100	Red_Deer_5yr_Chicago_2h J441
S2528	0.03	8.00	65.00	4.3500	Red_Deer_5yr_Chicago_2h J440
S2532	0.06	15.00	50.00	3.0200	Red_Deer_5yr_Chicago_2h H12STM1505
S2533	1.82	94.90	30.00	2.6100	Red_Deer_5yr_Chicago_2h Ryders_Ridge
S2536	0.04	8.00	65.00	3.3900	Red_Deer_5yr_Chicago_2h J121
S2537	0.06	15.00	50.00	4.7300	Red_Deer_5yr_Chicago_2h Ryders_Ridge
S2540	0.05	8.00	40.00	4.3500	Red_Deer_5yr_Chicago_2h J499
S2546	0.05	8.00	65.00	3.6000	Red_Deer_5yr_Chicago_2h J101
S2547	0.03	8.00	70.00	1.9100	Red_Deer_5yr_Chicago_2h J493
S2548	0.03	8.00	65.00	4.0800	Red_Deer_5yr_Chicago_2h J510
S2549	0.03	8.00	65.00	3.7000	Red_Deer_5yr_Chicago_2h J510
S2550	0.03	8.00	40.00	4.9300	Red_Deer_5yr_Chicago_2h J120
S2551	0.03	8.00	65.00	2.8500	Red_Deer_5yr_Chicago_2h J119
S2552	0.03	8.00	65.00	3.7100	Red_Deer_5yr_Chicago_2h J119
S2553	0.03	8.00	65.00	6.1300	Red_Deer_5yr_Chicago_2h J441
S2555	0.03	8.00	65.00	6.2300	Red_Deer_5yr_Chicago_2h J441
S2556	0.03	8.00	65.00	4.2900	Red_Deer_5yr_Chicago_2h J440
S2557	0.03	8.00	65.00	5.5000	Red_Deer_5yr_Chicago_2h J442
S2562	0.05	15.00	50.00	3.3900	Red_Deer_5yr_Chicago_2h H11STM1499
S2565	0.04	8.00	65.00	3.3500	Red_Deer_5yr_Chicago_2h J121
S2568	0.06	15.00	50.00	2.7400	Red_Deer_5yr_Chicago_2h H11STM1499
S2571	0.03	8.00	70.00	2.4100	Red_Deer_5yr_Chicago_2h J493
S2572	0.03	8.00	65.00	4.4700	Red_Deer_5yr_Chicago_2h J510
S2573	0.03	8.00	65.00	4.5100	Red_Deer_5yr_Chicago_2h J510
S2574	0.05	8.00	40.00	4.3900	Red_Deer_5yr_Chicago_2h J499
S2575	0.03	8.00	40.00	3.0000	Red_Deer_5yr_Chicago_2h J120
S2577	0.03	8.00	65.00	3.6300	Red_Deer_5yr_Chicago_2h J119
S2578	0.03	8.00	65.00	4.0000	Red_Deer_5yr_Chicago_2h J119
S2579	0.03	8.00	65.00	4.7000	Red_Deer_5yr_Chicago_2h J441
S2580	0.03	8.00	65.00	5.2400	Red_Deer_5yr_Chicago_2h J441
S2582	0.03	8.00	65.00	4.3500	Red_Deer_5yr_Chicago_2h J440
S2583	0.03	8.00	65.00	4.8900	Red_Deer_5yr_Chicago_2h J442
S2591	0.04	8.00	65.00	2.5800	Red_Deer_5yr_Chicago_2h J121
S2593	2.20	90.00	65.00	6.3600	Red_Deer_5yr_Chicago_2h J423
S2596	0.05	8.00	65.00	4.2700	Red_Deer_5yr_Chicago_2h J101
S2597	0.05	15.00	50.00	3.4900	Red_Deer_5yr_Chicago_2h H11STM1499
S2598	0.07	15.00	50.00	3.1900	Red_Deer_5yr_Chicago_2h Ryders_Ridge
S26	1.82	77.41	90.00	2.7500	Red_Deer_5yr_Chicago_2h J6
S2600	0.03	8.00	70.00	5.6200	Red_Deer_5yr_Chicago_2h J493
S2601	0.03	8.00	65.00	4.8400	Red_Deer_5yr_Chicago_2h J510
S2602	0.03	8.00	65.00	2.6500	Red_Deer_5yr_Chicago_2h J510
S2603	0.03	8.00	40.00	3.1000	Red_Deer_5yr_Chicago_2h J499
S2604	0.03	8.00	40.00	3.5100	Red_Deer_5yr_Chicago_2h J120
S2605	0.03	8.00	65.00	3.0100	Red_Deer_5yr_Chicago_2h J119
S2606	0.03	8.00	65.00	3.8000	Red_Deer_5yr_Chicago_2h J119
S2607	0.03	8.00	65.00	4.7100	Red_Deer_5yr_Chicago_2h J441
S2608	0.03	8.00	65.00	4.7800	Red_Deer_5yr_Chicago_2h J441
S2609	0.03	8.00	65.00	6.2200	Red_Deer_5yr_Chicago_2h J440
S2610	0.03	8.00	65.00	4.5100	Red_Deer_5yr_Chicago_2h J442
S2611	0.03	8.00	65.00	3.4100	Red_Deer_5yr_Chicago_2h J115
S2616	0.06	15.00	50.00	2.7800	Red_Deer_5yr_Chicago_2h H11STM1499
S2618	0.04	8.00	65.00	2.8900	Red_Deer_5yr_Chicago_2h J121
S2620	0.03	8.00	70.00	4.6600	Red_Deer_5yr_Chicago_2h J493
S2621	0.03	8.00	65.00	3.6000	Red_Deer_5yr_Chicago_2h J510
S2622	0.03	8.00	65.00	3.0500	Red_Deer_5yr_Chicago_2h J510
S2623	0.03	8.00	40.00	2.7400	Red_Deer_5yr_Chicago_2h J499
S2624	0.03	8.00	40.00	3.9500	Red_Deer_5yr_Chicago_2h J120
S2625	0.03	8.00	65.00	3.7000	Red_Deer_5yr_Chicago_2h J119
S2626	0.03	8.00	65.00	3.8800	Red_Deer_5yr_Chicago_2h J119
S2627	0.03	8.00	65.00	4.5300	Red_Deer_5yr_Chicago_2h J441
S2628	0.03	8.00	65.00	7.1100	Red_Deer_5yr_Chicago_2h J441
S2629	0.03	8.00	65.00	6.0100	Red_Deer_5yr_Chicago_2h J440
S2631	0.03	8.00	65.00	4.3600	Red_Deer_5yr_Chicago_2h J442
S2632	0.03	8.00	65.00	4.8200	Red_Deer_5yr_Chicago_2h J115
S2639	0.05	8.00	65.00	3.6800	Red_Deer_5yr_Chicago_2h J101
S2641	0.06	15.00	50.00	3.3600	Red_Deer_5yr_Chicago_2h H12STM1505
S2644	0.05	15.00	50.00	3.6800	Red_Deer_5yr_Chicago_2h H11STM1499
S2645	0.06	15.00	50.00	2.8500	Red_Deer_5yr_Chicago_2h H12STM1506
S2647	0.05	15.00	50.00	3.2300	Red_Deer_5yr_Chicago_2h Ryders_Ridge
S2649	0.04	8.00	65.00	2.7000	Red_Deer_5yr_Chicago_2h J121
S2650	0.06	15.00	50.00	3.2000	Red_Deer_5yr_Chicago_2h H12STM1506
S2652	0.03	8.00	70.00	2.7900	Red_Deer_5yr_Chicago_2h J493
S2653	0.03	8.00	65.00	3.0600	Red_Deer_5yr_Chicago_2h J510

S2654	0.03	8.00	65.00	3.1100	Red_Deer_5yr_Chicago_2h J510
S2655	0.03	8.00	40.00	4.0200	Red_Deer_5yr_Chicago_2h J499
S2656	0.03	8.00	40.00	3.6200	Red_Deer_5yr_Chicago_2h J120
S2657	0.03	8.00	65.00	4.1400	Red_Deer_5yr_Chicago_2h J119
S2658	0.06	15.00	50.00	2.8600	Red_Deer_5yr_Chicago_2h H12STM1506
S2659	0.03	8.00	65.00	4.4100	Red_Deer_5yr_Chicago_2h J119
S2660	0.03	8.00	65.00	3.4300	Red_Deer_5yr_Chicago_2h J441
S2661	0.03	8.00	65.00	5.3200	Red_Deer_5yr_Chicago_2h J441
S2662	0.03	8.00	65.00	4.2000	Red_Deer_5yr_Chicago_2h J440
S2663	0.03	8.00	65.00	6.3200	Red_Deer_5yr_Chicago_2h J442
S2664	0.03	8.00	65.00	3.7800	Red_Deer_5yr_Chicago_2h J115
S2665	0.06	15.00	50.00	2.6700	Red_Deer_5yr_Chicago_2h I12STM1503
S2667	0.06	15.00	50.00	3.0000	Red_Deer_5yr_Chicago_2h I12STM1503
S2668	0.06	15.00	50.00	3.4400	Red_Deer_5yr_Chicago_2h H11STM1499
S2674	0.04	8.00	65.00	2.8000	Red_Deer_5yr_Chicago_2h J121
S2676	0.03	8.00	70.00	2.3400	Red_Deer_5yr_Chicago_2h J493
S2677	0.03	8.00	65.00	3.3200	Red_Deer_5yr_Chicago_2h J510
S2678	0.03	8.00	65.00	2.6100	Red_Deer_5yr_Chicago_2h J510
S2679	0.03	8.00	40.00	3.8300	Red_Deer_5yr_Chicago_2h J499
S2680	0.03	8.00	40.00	3.1300	Red_Deer_5yr_Chicago_2h J120
S2681	0.03	8.00	65.00	3.7200	Red_Deer_5yr_Chicago_2h J119
S2682	0.03	8.00	65.00	3.2400	Red_Deer_5yr_Chicago_2h J119
S2683	0.03	8.00	65.00	4.6600	Red_Deer_5yr_Chicago_2h J441
S2684	0.03	8.00	65.00	6.8300	Red_Deer_5yr_Chicago_2h J441
S2685	0.03	8.00	65.00	7.7800	Red_Deer_5yr_Chicago_2h J440
S2686	0.03	8.00	65.00	5.2500	Red_Deer_5yr_Chicago_2h J442
S2687	0.03	8.00	65.00	4.1800	Red_Deer_5yr_Chicago_2h J115
S2689	0.05	8.00	65.00	3.7900	Red_Deer_5yr_Chicago_2h J101
S2691	0.05	15.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h H11STM1499
S2695	0.05	15.00	50.00	2.8300	Red_Deer_5yr_Chicago_2h Ryders_Ridge
S2698	0.03	8.00	70.00	2.5300	Red_Deer_5yr_Chicago_2h J493
S2699	0.03	8.00	65.00	2.7000	Red_Deer_5yr_Chicago_2h J510
S27	0.17	15.00	65.00	3.4900	Red_Deer_5yr_Chicago_2h J499
S2700	0.03	8.00	65.00	3.4500	Red_Deer_5yr_Chicago_2h J510
S2701	0.03	8.00	40.00	4.3200	Red_Deer_5yr_Chicago_2h J499
S2702	0.03	8.00	40.00	3.2800	Red_Deer_5yr_Chicago_2h J120
S2703	0.03	8.00	65.00	3.6600	Red_Deer_5yr_Chicago_2h J119
S2704	0.03	8.00	65.00	3.7400	Red_Deer_5yr_Chicago_2h J119
S2705	0.03	8.00	65.00	4.1500	Red_Deer_5yr_Chicago_2h J441
S2708	0.03	8.00	65.00	4.0300	Red_Deer_5yr_Chicago_2h J441
S2709	0.03	8.00	65.00	6.9800	Red_Deer_5yr_Chicago_2h J440
S2710	0.03	8.00	65.00	4.6600	Red_Deer_5yr_Chicago_2h J442
S2711	0.03	8.00	65.00	4.6800	Red_Deer_5yr_Chicago_2h J115
S2712	0.04	8.00	65.00	3.4200	Red_Deer_5yr_Chicago_2h J121
S2714	0.05	15.00	50.00	3.6200	Red_Deer_5yr_Chicago_2h H11STM1499
S2717	0.05	8.00	65.00	3.3900	Red_Deer_5yr_Chicago_2h J101
S2718	0.03	8.00	65.00	3.5200	Red_Deer_5yr_Chicago_2h J510
S2719	0.03	8.00	65.00	3.1000	Red_Deer_5yr_Chicago_2h J510
S2720	0.03	8.00	40.00	4.5500	Red_Deer_5yr_Chicago_2h J499
S2721	0.03	8.00	40.00	3.0300	Red_Deer_5yr_Chicago_2h J120
S2722	0.03	8.00	65.00	5.7400	Red_Deer_5yr_Chicago_2h J119
S2723	0.03	8.00	65.00	4.5900	Red_Deer_5yr_Chicago_2h J119
S2724	0.03	8.00	65.00	3.6000	Red_Deer_5yr_Chicago_2h J441
S2725	0.03	8.00	65.00	3.6800	Red_Deer_5yr_Chicago_2h J441
S2726	0.03	8.00	65.00	5.2500	Red_Deer_5yr_Chicago_2h J440
S2727	0.03	8.00	65.00	3.9600	Red_Deer_5yr_Chicago_2h J442
S2728	0.03	8.00	65.00	8.6300	Red_Deer_5yr_Chicago_2h J115
S2730	0.04	8.00	65.00	4.0600	Red_Deer_5yr_Chicago_2h J121
S2732	0.05	15.00	50.00	3.3300	Red_Deer_5yr_Chicago_2h H11STM1499
S2733	0.05	15.00	50.00	3.0100	Red_Deer_5yr_Chicago_2h Ryders_Ridge
S2739	0.03	8.00	65.00	3.2200	Red_Deer_5yr_Chicago_2h J510
S2740	0.03	8.00	65.00	3.1700	Red_Deer_5yr_Chicago_2h J510
S2741	0.03	8.00	40.00	3.8000	Red_Deer_5yr_Chicago_2h J499
S2742	0.03	8.00	40.00	2.9600	Red_Deer_5yr_Chicago_2h J120
S2743	0.03	8.00	65.00	4.4300	Red_Deer_5yr_Chicago_2h J119
S2744	0.03	8.00	65.00	4.0500	Red_Deer_5yr_Chicago_2h J119
S2745	0.03	8.00	65.00	4.7500	Red_Deer_5yr_Chicago_2h J441
S2746	0.03	8.00	65.00	6.0100	Red_Deer_5yr_Chicago_2h J441
S2747	0.03	8.00	65.00	6.3300	Red_Deer_5yr_Chicago_2h J440
S2748	0.03	8.00	65.00	3.4300	Red_Deer_5yr_Chicago_2h J442
S2749	0.03	8.00	65.00	5.8100	Red_Deer_5yr_Chicago_2h J115
S2750	0.03	8.00	65.00	4.0200	Red_Deer_5yr_Chicago_2h J101
S2755	0.04	8.00	65.00	3.3000	Red_Deer_5yr_Chicago_2h J121
S2760	0.10	15.00	70.00	2.5800	Red_Deer_5yr_Chicago_2h J493
S2761	0.03	8.00	65.00	3.0700	Red_Deer_5yr_Chicago_2h J510

S2762	0.03	8.00	65.00	3.3700	Red_Deer_5yr_Chicago_2h	J510
S2763	0.03	8.00	40.00	4.4100	Red_Deer_5yr_Chicago_2h	J499
S2764	0.03	8.00	40.00	2.5800	Red_Deer_5yr_Chicago_2h	J120
S2765	0.03	8.00	65.00	3.2700	Red_Deer_5yr_Chicago_2h	J119
S2766	0.03	8.00	65.00	3.9500	Red_Deer_5yr_Chicago_2h	J119
S2767	0.03	8.00	65.00	4.3600	Red_Deer_5yr_Chicago_2h	J441
S2768	0.03	8.00	65.00	4.2100	Red_Deer_5yr_Chicago_2h	J441
S2769	0.03	8.00	65.00	7.3900	Red_Deer_5yr_Chicago_2h	J440
S2770	0.03	8.00	65.00	3.8800	Red_Deer_5yr_Chicago_2h	J442
S2771	0.03	8.00	65.00	4.1400	Red_Deer_5yr_Chicago_2h	J115
S2772	0.05	15.00	50.00	3.6900	Red_Deer_5yr_Chicago_2h	H11STM1499
S2773	0.03	15.00	65.00	3.7500	Red_Deer_5yr_Chicago_2h	J101
S2774	0.05	15.00	50.00	3.6000	Red_Deer_5yr_Chicago_2h	Ryders_Ridge
S2776	0.04	8.00	65.00	3.2100	Red_Deer_5yr_Chicago_2h	J121
S2780	0.05	15.00	50.00	2.7400	Red_Deer_5yr_Chicago_2h	H11STM1499
S2781	0.06	15.00	50.00	2.7800	Red_Deer_5yr_Chicago_2h	H11STM1499
S2782	0.06	15.00	50.00	3.0000	Red_Deer_5yr_Chicago_2h	H11STM1500
S2783	0.05	15.00	50.00	3.5200	Red_Deer_5yr_Chicago_2h	H11STM1500
S2784	0.05	15.00	50.00	3.1100	Red_Deer_5yr_Chicago_2h	H11STM1500
S2785	0.05	15.00	50.00	2.5100	Red_Deer_5yr_Chicago_2h	H11STM1500
S2786	0.05	15.00	50.00	2.8600	Red_Deer_5yr_Chicago_2h	H11STM1500
S2787	0.03	8.00	65.00	3.6500	Red_Deer_5yr_Chicago_2h	J510
S2788	0.03	8.00	65.00	4.0300	Red_Deer_5yr_Chicago_2h	J510
S2789	0.03	8.00	40.00	3.3100	Red_Deer_5yr_Chicago_2h	J499
S2790	0.03	8.00	40.00	2.3500	Red_Deer_5yr_Chicago_2h	J120
S2791	0.03	8.00	65.00	4.7600	Red_Deer_5yr_Chicago_2h	J119
S2792	0.03	8.00	65.00	4.9900	Red_Deer_5yr_Chicago_2h	J119
S2793	0.03	8.00	65.00	3.4700	Red_Deer_5yr_Chicago_2h	J441
S2794	0.03	8.00	65.00	3.3600	Red_Deer_5yr_Chicago_2h	J441
S2795	0.03	8.00	65.00	4.2700	Red_Deer_5yr_Chicago_2h	J440
S2797	0.03	8.00	65.00	2.8100	Red_Deer_5yr_Chicago_2h	J442
S2798	0.03	8.00	65.00	4.4100	Red_Deer_5yr_Chicago_2h	J115
S28	0.68	29.79	65.00	2.8400	Red_Deer_5yr_Chicago_2h	J431
S2803	0.03	8.00	65.00	3.2400	Red_Deer_5yr_Chicago_2h	J101
S2804	0.04	8.00	65.00	3.1800	Red_Deer_5yr_Chicago_2h	J121
S2809	0.03	8.00	65.00	4.1400	Red_Deer_5yr_Chicago_2h	J510
S2810	0.03	8.00	65.00	3.3100	Red_Deer_5yr_Chicago_2h	J510
S2811	0.03	8.00	40.00	3.2100	Red_Deer_5yr_Chicago_2h	J499
S2812	0.03	8.00	40.00	2.3700	Red_Deer_5yr_Chicago_2h	J120
S2813	0.03	8.00	65.00	3.9300	Red_Deer_5yr_Chicago_2h	J119
S2814	0.03	8.00	65.00	3.7700	Red_Deer_5yr_Chicago_2h	J119
S2815	0.03	8.00	65.00	3.3900	Red_Deer_5yr_Chicago_2h	J441
S2816	0.03	8.00	65.00	3.6400	Red_Deer_5yr_Chicago_2h	J441
S2817	0.03	8.00	65.00	5.8900	Red_Deer_5yr_Chicago_2h	J440
S2819	0.03	8.00	65.00	5.8700	Red_Deer_5yr_Chicago_2h	J442
S2820	0.03	8.00	65.00	6.2900	Red_Deer_5yr_Chicago_2h	J115
S2821	0.05	15.00	50.00	3.8200	Red_Deer_5yr_Chicago_2h	H11STM1499
S2823	0.03	8.00	65.00	2.9700	Red_Deer_5yr_Chicago_2h	J101
S2825	0.04	8.00	65.00	3.3500	Red_Deer_5yr_Chicago_2h	J121
S2826	0.05	15.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h	Ryders_Ridge
S2828	0.03	8.00	65.00	3.6900	Red_Deer_5yr_Chicago_2h	J510
S2829	0.03	8.00	65.00	4.5000	Red_Deer_5yr_Chicago_2h	J510
S2830	0.03	8.00	40.00	3.5700	Red_Deer_5yr_Chicago_2h	J499
S2831	0.03	8.00	40.00	2.3900	Red_Deer_5yr_Chicago_2h	J120
S2832	0.03	8.00	65.00	4.4400	Red_Deer_5yr_Chicago_2h	J119
S2833	0.03	8.00	65.00	3.9100	Red_Deer_5yr_Chicago_2h	J119
S2834	0.03	8.00	65.00	3.5200	Red_Deer_5yr_Chicago_2h	J441
S2835	0.03	8.00	65.00	4.1500	Red_Deer_5yr_Chicago_2h	J441
S2836	0.03	8.00	65.00	8.1100	Red_Deer_5yr_Chicago_2h	J440
S2837	0.03	8.00	65.00	7.3200	Red_Deer_5yr_Chicago_2h	J442
S2838	0.03	8.00	65.00	4.6300	Red_Deer_5yr_Chicago_2h	J115
S2849	0.03	8.00	65.00	2.7700	Red_Deer_5yr_Chicago_2h	J101
S2850	0.04	8.00	65.00	4.3900	Red_Deer_5yr_Chicago_2h	J121
S2853	0.03	8.00	65.00	4.0100	Red_Deer_5yr_Chicago_2h	J510
S2854	0.03	8.00	65.00	2.8900	Red_Deer_5yr_Chicago_2h	J510
S2855	0.03	8.00	40.00	4.1700	Red_Deer_5yr_Chicago_2h	J499
S2856	0.03	8.00	40.00	2.7600	Red_Deer_5yr_Chicago_2h	J120
S2858	0.03	8.00	65.00	3.1700	Red_Deer_5yr_Chicago_2h	J119
S2859	0.03	8.00	65.00	3.5800	Red_Deer_5yr_Chicago_2h	J119
S2860	0.03	8.00	65.00	3.8400	Red_Deer_5yr_Chicago_2h	J441
S2861	0.03	8.00	65.00	4.7700	Red_Deer_5yr_Chicago_2h	J441
S2862	0.03	8.00	65.00	4.4100	Red_Deer_5yr_Chicago_2h	J440
S2863	0.03	8.00	65.00	4.4500	Red_Deer_5yr_Chicago_2h	J442
S2864	0.03	8.00	65.00	3.6300	Red_Deer_5yr_Chicago_2h	J115
S2880	0.03	8.00	65.00	2.6700	Red_Deer_5yr_Chicago_2h	J101

S2881	0.04	8.00	65.00	4.5300	Red_Deer_5yr_Chicago_2h	J121
S2882	0.17	15.00	70.00	2.7300	Red_Deer_5yr_Chicago_2h	J493
S2883	0.03	8.00	65.00	3.8800	Red_Deer_5yr_Chicago_2h	J510
S2884	0.03	8.00	65.00	2.8600	Red_Deer_5yr_Chicago_2h	J510
S2885	0.03	8.00	65.00	1.6800	Red_Deer_5yr_Chicago_2h	J120
S2886	0.03	8.00	65.00	4.7800	Red_Deer_5yr_Chicago_2h	J119
S2887	0.03	8.00	65.00	4.2300	Red_Deer_5yr_Chicago_2h	J119
S2888	0.03	8.00	65.00	2.9700	Red_Deer_5yr_Chicago_2h	J441
S2889	0.03	8.00	65.00	5.7400	Red_Deer_5yr_Chicago_2h	J441
S2890	0.03	8.00	65.00	5.7100	Red_Deer_5yr_Chicago_2h	J440
S2891	0.03	8.00	65.00	5.6900	Red_Deer_5yr_Chicago_2h	J442
S2892	0.03	8.00	65.00	4.0300	Red_Deer_5yr_Chicago_2h	J115
S2898	0.03	8.00	80.00	5.6500	Red_Deer_5yr_Chicago_2h	J121
S2899	0.03	8.00	70.00	2.7000	Red_Deer_5yr_Chicago_2h	J493
S29	0.79	59.02	30.00	1.1400	Red_Deer_5yr_Chicago_2h	J427_ADD
S2900	0.03	8.00	65.00	4.4000	Red_Deer_5yr_Chicago_2h	J510
S2901	0.03	8.00	65.00	3.7300	Red_Deer_5yr_Chicago_2h	J510
S2903	0.03	8.00	65.00	1.4100	Red_Deer_5yr_Chicago_2h	J120
S2904	0.03	8.00	65.00	3.9100	Red_Deer_5yr_Chicago_2h	J119
S2905	0.03	8.00	65.00	3.2900	Red_Deer_5yr_Chicago_2h	J119
S2906	0.03	8.00	65.00	4.9100	Red_Deer_5yr_Chicago_2h	J441
S2907	0.03	8.00	65.00	3.9400	Red_Deer_5yr_Chicago_2h	J441
S2908	0.03	8.00	65.00	4.0500	Red_Deer_5yr_Chicago_2h	J440
S2909	0.03	8.00	65.00	6.6400	Red_Deer_5yr_Chicago_2h	J442
S2910	0.03	8.00	65.00	4.6200	Red_Deer_5yr_Chicago_2h	J115
S2915	0.03	8.00	80.00	2.3400	Red_Deer_5yr_Chicago_2h	J121
S2916	0.03	8.00	70.00	2.5200	Red_Deer_5yr_Chicago_2h	J493
S2917	0.03	8.00	65.00	3.0200	Red_Deer_5yr_Chicago_2h	J510
S2918	0.03	8.00	65.00	2.9400	Red_Deer_5yr_Chicago_2h	J510
S2919	0.03	8.00	65.00	1.1600	Red_Deer_5yr_Chicago_2h	J120
S2920	0.03	8.00	65.00	2.5900	Red_Deer_5yr_Chicago_2h	J119
S2921	0.03	8.00	65.00	3.1000	Red_Deer_5yr_Chicago_2h	J119
S2922	0.03	8.00	65.00	3.1500	Red_Deer_5yr_Chicago_2h	J441
S2923	0.03	8.00	65.00	4.0000	Red_Deer_5yr_Chicago_2h	J441
S2924	0.03	8.00	65.00	4.2100	Red_Deer_5yr_Chicago_2h	J440
S2925	0.03	8.00	65.00	6.6500	Red_Deer_5yr_Chicago_2h	J442
S2926	0.03	8.00	65.00	4.4300	Red_Deer_5yr_Chicago_2h	J115
S2928	0.08	15.00	50.00	2.7400	Red_Deer_5yr_Chicago_2h	H11STM1499
S2929	0.08	15.00	50.00	2.9900	Red_Deer_5yr_Chicago_2h	Ryders_Ridge
S2939	0.03	8.00	80.00	2.2600	Red_Deer_5yr_Chicago_2h	J121
S2940	0.03	8.00	80.00	1.7500	Red_Deer_5yr_Chicago_2h	J493
S2941	0.03	8.00	65.00	2.5400	Red_Deer_5yr_Chicago_2h	J510
S2942	62.85	615.00	65.00	3.1400	Red_Deer_5yr_Chicago_2h	J423
S2943	0.03	8.00	65.00	3.6500	Red_Deer_5yr_Chicago_2h	J510
S2944	0.03	8.00	65.00	2.0100	Red_Deer_5yr_Chicago_2h	J120
S2945	0.03	8.00	65.00	2.4600	Red_Deer_5yr_Chicago_2h	J119
S2946	0.03	8.00	65.00	3.4600	Red_Deer_5yr_Chicago_2h	J119
S2947	0.03	8.00	65.00	3.3800	Red_Deer_5yr_Chicago_2h	J441
S2949	0.03	8.00	65.00	3.4300	Red_Deer_5yr_Chicago_2h	J441
S2950	0.03	8.00	65.00	3.9400	Red_Deer_5yr_Chicago_2h	J440
S2951	0.03	8.00	65.00	5.3500	Red_Deer_5yr_Chicago_2h	J442
S2952	0.03	8.00	65.00	4.4200	Red_Deer_5yr_Chicago_2h	J115
S2953	2.56	129.97	30.00	5.3300	Red_Deer_5yr_Chicago_2h	J423
S2955	1.49	122.22	30.00	7.2300	Red_Deer_5yr_Chicago_2h	J423
S2961	0.09	15.00	50.00	3.4700	Red_Deer_5yr_Chicago_2h	Ryders_Ridge
S2962	0.06	15.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h	I11STM1501
S2963	0.05	15.00	50.00	3.1300	Red_Deer_5yr_Chicago_2h	I11STM1501
S2964	0.05	15.00	50.00	2.7500	Red_Deer_5yr_Chicago_2h	H11STM1500
S2965	0.05	15.00	50.00	3.4500	Red_Deer_5yr_Chicago_2h	H11STM1500
S2966	0.05	15.00	50.00	3.1300	Red_Deer_5yr_Chicago_2h	H11STM1500
S2967	0.05	15.00	50.00	2.8600	Red_Deer_5yr_Chicago_2h	H11STM1500
S2968	0.05	15.00	50.00	3.5400	Red_Deer_5yr_Chicago_2h	H11STM1500
S2969	0.05	15.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h	H11STM1499
S2970	0.05	15.00	50.00	2.6600	Red_Deer_5yr_Chicago_2h	H11STM1499
S2971	0.05	15.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h	H11STM1499
S2972	0.06	15.00	50.00	2.6800	Red_Deer_5yr_Chicago_2h	H11STM1499
S2973	0.09	15.00	50.00	2.5400	Red_Deer_5yr_Chicago_2h	H11STM1499
S2974	0.22	23.54	5.00	3.7700	Red_Deer_5yr_Chicago_2h	J101
S2975	4.28	76.16	80.00	3.1400	Red_Deer_5yr_Chicago_2h	J11
S2977	21.24	306.93	65.00	5.4900	Red_Deer_5yr_Chicago_2h	J423
S2980	0.07	15.00	40.00	6.5100	Red_Deer_5yr_Chicago_2h	J116
S2981	0.09	15.00	40.00	4.2800	Red_Deer_5yr_Chicago_2h	J116
S2982	2.38	114.31	30.00	4.0200	Red_Deer_5yr_Chicago_2h	Ryders_Ridge
S2983	0.06	10.00	40.00	4.7100	Red_Deer_5yr_Chicago_2h	J116
S2984	0.06	10.00	40.00	5.6700	Red_Deer_5yr_Chicago_2h	J116

S2985	0.06	10.00	40.00	5.2500	Red_Deer_5yr_Chicago_2h J116
S2986	0.11	11.84	65.00	2.4800	Red_Deer_5yr_Chicago_2h J101
S2987	0.03	8.00	80.00	3.6100	Red_Deer_5yr_Chicago_2h J121
S2988	0.07	10.00	40.00	5.1100	Red_Deer_5yr_Chicago_2h J116
S2989	0.03	8.00	80.00	1.7500	Red_Deer_5yr_Chicago_2h J493
S2991	0.03	8.00	65.00	2.2200	Red_Deer_5yr_Chicago_2h J510
S2992	0.03	8.00	65.00	3.3200	Red_Deer_5yr_Chicago_2h J510
S2993	0.08	10.00	40.00	6.3700	Red_Deer_5yr_Chicago_2h J116
S2997	0.03	8.00	65.00	4.2800	Red_Deer_5yr_Chicago_2h J120
S2998	0.09	10.00	40.00	6.3700	Red_Deer_5yr_Chicago_2h J116
S2999	0.03	8.00	65.00	2.9600	Red_Deer_5yr_Chicago_2h J119
S3	0.37	15.00	70.00	3.8200	Red_Deer_5yr_Chicago_2h D14STM244
S30	1.28	95.00	40.00	4.0700	Red_Deer_5yr_Chicago_2h J99
S3000	0.03	8.00	65.00	4.7600	Red_Deer_5yr_Chicago_2h J119
S3001	0.03	8.00	65.00	4.9300	Red_Deer_5yr_Chicago_2h J441
S3002	0.03	8.00	65.00	3.7800	Red_Deer_5yr_Chicago_2h J441
S3003	0.03	8.00	65.00	6.1200	Red_Deer_5yr_Chicago_2h J440
S3004	0.03	8.00	65.00	6.1600	Red_Deer_5yr_Chicago_2h J442
S3005	0.03	8.00	65.00	4.5900	Red_Deer_5yr_Chicago_2h J115
S3006	0.32	20.29	65.00	6.2700	Red_Deer_5yr_Chicago_2h J116
S3027	0.03	8.00	50.00	3.5100	Red_Deer_5yr_Chicago_2h J358_ADD
S3029	0.04	8.00	50.00	4.0000	Red_Deer_5yr_Chicago_2h J358_ADD
S3033	0.11	12.18	65.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S3035	0.03	8.00	50.00	2.5300	Red_Deer_5yr_Chicago_2h J358_ADD
S3036	0.07	15.00	50.00	4.1700	Red_Deer_5yr_Chicago_2h J358_ADD
S3037	0.03	8.00	50.00	2.9500	Red_Deer_5yr_Chicago_2h J358_ADD
S3038	0.08	15.00	35.00	3.7200	Red_Deer_5yr_Chicago_2h 752_ADD
S3041	0.12	12.27	65.00	1.0500	Red_Deer_5yr_Chicago_2h 748_ADD
S3045	0.03	8.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h J362
S3048	0.03	8.00	50.00	3.1700	Red_Deer_5yr_Chicago_2h J362
S3049	0.09	10.83	65.00	4.5500	Red_Deer_5yr_Chicago_2h J428_ADD
S3053	0.08	10.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J120
S3054	0.08	10.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J120
S3055	0.06	15.00	50.00	3.9800	Red_Deer_5yr_Chicago_2h J358_ADD
S3056	0.07	15.00	35.00	3.2300	Red_Deer_5yr_Chicago_2h 752_ADD
S3057	0.03	8.00	50.00	4.4700	Red_Deer_5yr_Chicago_2h J362
S3059	0.08	15.00	50.00	2.9800	Red_Deer_5yr_Chicago_2h J358_ADD
S3060	0.10	15.00	35.00	4.2800	Red_Deer_5yr_Chicago_2h J428_ADD
S3061	0.06	15.00	35.00	5.3000	Red_Deer_5yr_Chicago_2h J428_ADD
S3062	0.06	15.00	35.00	5.9300	Red_Deer_5yr_Chicago_2h J428_ADD
S3064	0.22	17.66	80.00	2.7800	Red_Deer_5yr_Chicago_2h J42
S3065	0.03	8.00	50.00	2.7600	Red_Deer_5yr_Chicago_2h J362
S3066	0.06	15.00	35.00	7.1300	Red_Deer_5yr_Chicago_2h J428_ADD
S3067	0.06	15.00	35.00	5.2700	Red_Deer_5yr_Chicago_2h J428_ADD
S3068	0.06	15.00	35.00	6.8500	Red_Deer_5yr_Chicago_2h J428_ADD
S3069	0.22	17.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S3071	0.06	15.00	35.00	6.7900	Red_Deer_5yr_Chicago_2h J428_ADD
S3072	0.06	15.00	35.00	6.0700	Red_Deer_5yr_Chicago_2h J428_ADD
S3073	0.06	15.00	35.00	4.9900	Red_Deer_5yr_Chicago_2h J428_ADD
S3074	0.07	15.00	35.00	4.7400	Red_Deer_5yr_Chicago_2h J428_ADD
S3075	0.06	15.00	35.00	5.1500	Red_Deer_5yr_Chicago_2h J428_ADD
S3076	0.06	15.00	35.00	5.6400	Red_Deer_5yr_Chicago_2h J428_ADD
S3077	0.06	15.00	35.00	6.2100	Red_Deer_5yr_Chicago_2h J428_ADD
S3078	0.06	15.00	35.00	4.5700	Red_Deer_5yr_Chicago_2h J428_ADD
S3079	0.06	15.00	35.00	4.5200	Red_Deer_5yr_Chicago_2h J428_ADD
S3080	0.08	15.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h J358_ADD
S3081	0.16	15.15	80.00	2.2800	Red_Deer_5yr_Chicago_2h J42
S3082	0.78	15.00	70.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3083	0.31	10.00	50.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3084	1.73	78.95	80.00	3.0200	Red_Deer_5yr_Chicago_2h HPMH34
S3086	0.19	15.00	50.00	2.7600	Red_Deer_5yr_Chicago_2h J358_ADD
S3090	0.11	15.00	50.00	4.3500	Red_Deer_5yr_Chicago_2h J358_ADD
S3096	0.03	8.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h J362
S31	0.38	22.17	65.00	5.0800	Red_Deer_5yr_Chicago_2h J109
S3100	0.56	26.89	65.00	3.5000	Red_Deer_5yr_Chicago_2h 738_ADD
S3103	0.03	8.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h J362
S3104	0.33	21.43	80.00	3.3100	Red_Deer_5yr_Chicago_2h J374
S3105	0.35	15.00	70.00	2.2600	Red_Deer_5yr_Chicago_2h I11STM153
S3106	0.07	15.00	35.00	3.4800	Red_Deer_5yr_Chicago_2h 752_ADD
S3107	0.06	15.00	50.00	4.0000	Red_Deer_5yr_Chicago_2h J358_ADD
S3108	0.26	19.24	80.00	2.6000	Red_Deer_5yr_Chicago_2h J377
S3109	0.10	15.00	35.00	2.3700	Red_Deer_5yr_Chicago_2h J76_ADD
S3110	0.03	8.00	50.00	4.1200	Red_Deer_5yr_Chicago_2h J362
S3113	0.09	10.83	65.00	4.4100	Red_Deer_5yr_Chicago_2h J428_ADD
S3114	0.11	15.00	40.00	4.6300	Red_Deer_5yr_Chicago_2h J16_ADD

S3116	0.03	8.00	50.00	4.1400	Red_Deer_5yr_Chicago_2h J362
S3117	0.91	35.69	40.00	1.9200	Red_Deer_5yr_Chicago_2h J427_ADD
S3118	0.18	15.00	50.00	3.1400	Red_Deer_5yr_Chicago_2h J358_ADD
S3125	0.03	8.00	50.00	4.8000	Red_Deer_5yr_Chicago_2h J362
S3130	0.07	15.00	35.00	3.0400	Red_Deer_5yr_Chicago_2h 752_ADD
S3133	0.05	15.00	40.00	3.6000	Red_Deer_5yr_Chicago_2h I11STM92
S3134	0.06	15.00	50.00	3.8400	Red_Deer_5yr_Chicago_2h J358_ADD
S3135	0.03	8.00	50.00	3.1900	Red_Deer_5yr_Chicago_2h J362
S3137	0.03	8.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h J362
S3138	0.10	15.00	35.00	3.0300	Red_Deer_5yr_Chicago_2h J76_ADD
S3142	0.40	22.63	65.00	0.8200	Red_Deer_5yr_Chicago_2h 754_ADD
S3143	0.58	33.81	80.00	3.1200	Red_Deer_5yr_Chicago_2h CULV5415
S3144	0.03	8.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h J362
S3145	0.03	8.00	50.00	2.8400	Red_Deer_5yr_Chicago_2h J362
S3146	0.07	15.00	35.00	3.3800	Red_Deer_5yr_Chicago_2h 752_ADD
S3151	0.08	15.00	40.00	5.9400	Red_Deer_5yr_Chicago_2h J16_ADD
S3152	0.11	15.00	35.00	7.1200	Red_Deer_5yr_Chicago_2h J428_ADD
S3153	0.05	15.00	40.00	3.3400	Red_Deer_5yr_Chicago_2h I11STM92
S3154	0.15	15.00	35.00	6.0000	Red_Deer_5yr_Chicago_2h J428_ADD
S3155	0.14	15.00	35.00	5.7300	Red_Deer_5yr_Chicago_2h J428_ADD
S3156	0.10	15.00	35.00	5.5800	Red_Deer_5yr_Chicago_2h J428_ADD
S3157	0.06	15.00	35.00	4.8300	Red_Deer_5yr_Chicago_2h J428_ADD
S3158	0.06	15.00	35.00	5.0100	Red_Deer_5yr_Chicago_2h J428_ADD
S3159	0.06	15.00	35.00	5.1800	Red_Deer_5yr_Chicago_2h J428_ADD
S3160	0.06	15.00	35.00	5.1300	Red_Deer_5yr_Chicago_2h J428_ADD
S3161	0.06	15.00	35.00	5.5400	Red_Deer_5yr_Chicago_2h J428_ADD
S3162	0.06	15.00	35.00	5.3400	Red_Deer_5yr_Chicago_2h J428_ADD
S3163	0.06	15.00	35.00	5.4600	Red_Deer_5yr_Chicago_2h J428_ADD
S3164	0.06	15.00	35.00	5.1300	Red_Deer_5yr_Chicago_2h J428_ADD
S3165	0.07	15.00	35.00	4.6400	Red_Deer_5yr_Chicago_2h J428_ADD
S3166	0.06	15.00	35.00	4.0400	Red_Deer_5yr_Chicago_2h J428_ADD
S3167	0.06	15.00	35.00	4.7500	Red_Deer_5yr_Chicago_2h J428_ADD
S3168	0.06	15.00	35.00	4.9100	Red_Deer_5yr_Chicago_2h J428_ADD
S3169	0.06	15.00	35.00	5.1800	Red_Deer_5yr_Chicago_2h J428_ADD
S3170	0.06	15.00	35.00	4.1700	Red_Deer_5yr_Chicago_2h J428_ADD
S3171	0.03	8.00	50.00	3.1700	Red_Deer_5yr_Chicago_2h J362
S3172	0.10	11.18	65.00	4.8700	Red_Deer_5yr_Chicago_2h J428_ADD
S3173	0.03	8.00	50.00	2.4500	Red_Deer_5yr_Chicago_2h J362
S3174	0.28	8.74	80.00	4.1300	Red_Deer_5yr_Chicago_2h J535
S3176	0.36	22.42	80.00	2.2400	Red_Deer_5yr_Chicago_2h F9STM259
S3177	0.41	24.05	80.00	2.9900	Red_Deer_5yr_Chicago_2h J42
S3178	0.47	45.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3179	0.08	15.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h J358_ADD
S3184	0.08	15.00	50.00	2.1000	Red_Deer_5yr_Chicago_2h J358_ADD
S3185	0.08	15.00	50.00	2.0900	Red_Deer_5yr_Chicago_2h J358_ADD
S3186	0.08	15.00	50.00	2.9200	Red_Deer_5yr_Chicago_2h J358_ADD
S3187	0.08	15.00	50.00	3.2300	Red_Deer_5yr_Chicago_2h J358_ADD
S3188	0.03	8.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h J362
S3189	0.04	8.00	50.00	3.2700	Red_Deer_5yr_Chicago_2h J362
S3190	0.07	15.00	35.00	3.4300	Red_Deer_5yr_Chicago_2h 752_ADD
S3191	0.20	15.00	35.00	2.9200	Red_Deer_5yr_Chicago_2h J76_ADD
S3192	0.34	15.00	50.00	3.6000	Red_Deer_5yr_Chicago_2h 752_ADD
S3193	0.34	22.00	65.00	2.8400	Red_Deer_5yr_Chicago_2h J431
S3195	0.05	15.00	40.00	2.4300	Red_Deer_5yr_Chicago_2h I11STM92
S3197	0.43	24.67	80.00	2.3600	Red_Deer_5yr_Chicago_2h J42
S32	37.64	550.00	40.00	5.0800	Red_Deer_5yr_Chicago_2h OF2
S3200	0.07	15.00	35.00	2.9900	Red_Deer_5yr_Chicago_2h 752_ADD
S3202	0.04	8.00	50.00	4.6900	Red_Deer_5yr_Chicago_2h J362
S3203	0.18	15.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h 752_ADD
S3205	0.05	15.00	40.00	2.7100	Red_Deer_5yr_Chicago_2h I11STM92
S3208	0.06	15.00	35.00	5.2700	Red_Deer_5yr_Chicago_2h J428_ADD
S3209	0.05	15.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h J358_ADD
S3210	0.04	8.00	50.00	3.3900	Red_Deer_5yr_Chicago_2h J362
S3213	0.49	29.81	80.00	2.5200	Red_Deer_5yr_Chicago_2h CULV5415
S3216	0.08	15.00	35.00	3.4300	Red_Deer_5yr_Chicago_2h J76_ADD
S3217	0.67	30.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h 755_ADD
S3218	0.27	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h 754_ADD
S3219	0.07	15.00	35.00	4.8800	Red_Deer_5yr_Chicago_2h 752_ADD
S3220	0.16	15.00	50.00	3.9300	Red_Deer_5yr_Chicago_2h 752_ADD
S3221	0.34	22.00	65.00	2.8400	Red_Deer_5yr_Chicago_2h J431
S3223	0.08	15.00	35.00	5.9100	Red_Deer_5yr_Chicago_2h J428_ADD
S3224	0.04	8.00	50.00	5.2700	Red_Deer_5yr_Chicago_2h J362
S3226	0.07	15.00	35.00	6.9900	Red_Deer_5yr_Chicago_2h J428_ADD
S3227	0.05	15.00	40.00	3.4200	Red_Deer_5yr_Chicago_2h I11STM92
S3229	0.07	15.00	35.00	5.9100	Red_Deer_5yr_Chicago_2h J428_ADD

S3230	0.06	15.00	35.00	6.5900	Red_Deer_5yr_Chicago_2h J428_ADD
S3231	0.07	15.00	35.00	6.6200	Red_Deer_5yr_Chicago_2h J428_ADD
S3232	0.30	20.52	80.00	2.8500	Red_Deer_5yr_Chicago_2h F9STM259
S3233	0.07	15.00	35.00	6.9500	Red_Deer_5yr_Chicago_2h J428_ADD
S3234	0.04	15.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h J358_ADD
S3236	0.24	18.45	80.00	2.9800	Red_Deer_5yr_Chicago_2h J46
S3237	0.08	15.00	35.00	6.0400	Red_Deer_5yr_Chicago_2h J428_ADD
S3239	0.07	15.00	35.00	8.3100	Red_Deer_5yr_Chicago_2h J428_ADD
S3240	0.08	15.00	35.00	2.9400	Red_Deer_5yr_Chicago_2h J76_ADD
S3242	0.06	15.00	35.00	3.1200	Red_Deer_5yr_Chicago_2h 755_ADD
S3243	0.07	15.00	35.00	3.7400	Red_Deer_5yr_Chicago_2h 751_ADD
S3244	0.10	15.00	35.00	5.9800	Red_Deer_5yr_Chicago_2h J428_ADD
S3245	0.06	15.00	35.00	5.6200	Red_Deer_5yr_Chicago_2h J428_ADD
S3246	0.18	23.89	80.00	3.2200	Red_Deer_5yr_Chicago_2h F9STM259
S3247	0.06	15.00	35.00	4.5900	Red_Deer_5yr_Chicago_2h J428_ADD
S3248	0.06	15.00	35.00	4.6800	Red_Deer_5yr_Chicago_2h J428_ADD
S3249	0.06	15.00	35.00	6.1300	Red_Deer_5yr_Chicago_2h J428_ADD
S3250	0.06	15.00	35.00	4.3000	Red_Deer_5yr_Chicago_2h J428_ADD
S3252	0.06	15.00	35.00	3.9400	Red_Deer_5yr_Chicago_2h J428_ADD
S3253	0.06	15.00	35.00	4.6400	Red_Deer_5yr_Chicago_2h J428_ADD
S3254	0.06	15.00	35.00	4.5700	Red_Deer_5yr_Chicago_2h J428_ADD
S3255	0.07	15.00	35.00	4.1100	Red_Deer_5yr_Chicago_2h J428_ADD
S3256	0.06	15.00	35.00	5.5700	Red_Deer_5yr_Chicago_2h J428_ADD
S3257	0.06	15.00	35.00	6.1200	Red_Deer_5yr_Chicago_2h J428_ADD
S3258	0.06	15.00	35.00	5.3400	Red_Deer_5yr_Chicago_2h J428_ADD
S3259	0.06	15.00	35.00	5.3300	Red_Deer_5yr_Chicago_2h J428_ADD
S3260	0.06	15.00	35.00	6.7800	Red_Deer_5yr_Chicago_2h J428_ADD
S3262	0.16	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3263	0.08	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3264	0.08	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3265	0.08	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3266	0.08	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3267	0.12	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3268	0.12	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3269	0.05	15.00	40.00	4.4400	Red_Deer_5yr_Chicago_2h I11STM92
S3270	0.06	15.00	35.00	4.5300	Red_Deer_5yr_Chicago_2h J428_ADD
S3272	0.04	15.00	50.00	2.9500	Red_Deer_5yr_Chicago_2h J358_ADD
S3275	0.08	15.00	35.00	2.9300	Red_Deer_5yr_Chicago_2h J76_ADD
S3276	0.06	15.00	35.00	4.0100	Red_Deer_5yr_Chicago_2h 755_ADD
S3277	0.07	15.00	35.00	3.6500	Red_Deer_5yr_Chicago_2h 751_ADD
S3280	0.34	15.00	50.00	4.2200	Red_Deer_5yr_Chicago_2h 752_ADD
S3281	0.34	22.00	65.00	2.8400	Red_Deer_5yr_Chicago_2h J431
S3283	0.13	10.00	50.00	2.7400	Red_Deer_5yr_Chicago_2h J362
S3285	0.05	15.00	40.00	3.8600	Red_Deer_5yr_Chicago_2h I11STM92
S3286	0.06	15.00	35.00	4.4000	Red_Deer_5yr_Chicago_2h J428_ADD
S3289	0.08	15.00	35.00	5.1500	Red_Deer_5yr_Chicago_2h J428_ADD
S3291	0.08	15.00	35.00	3.6900	Red_Deer_5yr_Chicago_2h J76_ADD
S3292	0.06	15.00	35.00	3.6800	Red_Deer_5yr_Chicago_2h 755_ADD
S3293	0.07	15.00	35.00	2.9500	Red_Deer_5yr_Chicago_2h 751_ADD
S3294	0.08	15.00	35.00	4.7700	Red_Deer_5yr_Chicago_2h J428_ADD
S3298	0.07	15.00	35.00	4.7100	Red_Deer_5yr_Chicago_2h J428_ADD
S33	0.24	20.00	65.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S33_1	0.14	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J262
S33_10	0.31	40.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J259
S33_11	1.09	50.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J229
S33_12	0.09	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J235
S33_13	1.20	70.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J238
S33_14	0.53	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J228
S33_15	1.24	50.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J229
S33_16	0.10	15.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J153
S33_17	0.73	50.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J226
S33_18	1.07	70.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J233
S33_19	0.83	70.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J225
S33_2	2.46	70.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h CULV5537_ADD
S33_20	1.80	70.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J224
S33_21	0.22	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J269
S33_22	0.22	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J259
S33_23	1.22	70.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J226
S33_24	0.66	50.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J153
S33_25	0.31	60.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J262
S33_26	0.17	30.00	50.00	5.3630	Red_Deer_5yr_Chicago_2h GCMH48
S33_27	0.17	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J262
S33_28	0.24	50.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J154
S33_29	0.17	50.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J154
S33_3	0.18	50.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J237

S33_30	0.08	15.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J154
S33_31	0.22	50.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J235
S33_32	0.61	60.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J264
S33_33	0.88	60.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J261
S33_34	0.33	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J264
S33_35	0.24	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J261
S33_36	0.40	60.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h G14STM76
S33_37	0.51	60.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h G14STM73
S33_38	0.65	60.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J260
S33_39	0.19	30.00	50.00	5.3630	Red_Deer_5yr_Chicago_2h GCMH151
S33_4	9.71	399.33	5.00	5.4700	Red_Deer_5yr_Chicago_2h Crestview
S33_5	0.28	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J226
S33_6	32.37	399.33	5.00	5.4700	Red_Deer_5yr_Chicago_2h Crestview
S33_7	0.69	15.00	70.00	1.4100	Red_Deer_5yr_Chicago_2h J154
S33_8	1.39	70.00	50.00	5.4700	Red_Deer_5yr_Chicago_2h J232
S33_9	0.44	15.00	70.00	5.4700	Red_Deer_5yr_Chicago_2h J236
S3300	0.06	15.00	40.00	3.1100	Red_Deer_5yr_Chicago_2h I11STM92
S3301	0.05	15.00	40.00	2.9600	Red_Deer_5yr_Chicago_2h I11STM92
S3306	0.08	15.00	35.00	4.7000	Red_Deer_5yr_Chicago_2h J428_ADD
S3308	0.09	15.00	35.00	4.5400	Red_Deer_5yr_Chicago_2h J428_ADD
S3309	0.09	15.00	35.00	4.2600	Red_Deer_5yr_Chicago_2h J428_ADD
S3310	0.10	15.00	50.00	4.7200	Red_Deer_5yr_Chicago_2h J428_ADD
S3311	0.06	15.00	50.00	5.0500	Red_Deer_5yr_Chicago_2h J428_ADD
S3313	0.06	15.00	50.00	3.8500	Red_Deer_5yr_Chicago_2h J428_ADD
S3314	0.06	15.00	50.00	4.7400	Red_Deer_5yr_Chicago_2h J428_ADD
S3315	0.06	15.00	50.00	4.5300	Red_Deer_5yr_Chicago_2h J428_ADD
S3316	0.06	15.00	50.00	4.6300	Red_Deer_5yr_Chicago_2h J428_ADD
S3317	0.06	15.00	50.00	4.0900	Red_Deer_5yr_Chicago_2h J428_ADD
S3318	0.06	15.00	50.00	4.1500	Red_Deer_5yr_Chicago_2h J428_ADD
S3319	0.06	15.00	50.00	6.3600	Red_Deer_5yr_Chicago_2h J428_ADD
S3320	0.07	15.00	50.00	3.2800	Red_Deer_5yr_Chicago_2h J428_ADD
S3321	0.06	15.00	50.00	3.7700	Red_Deer_5yr_Chicago_2h J428_ADD
S3322	0.03	8.00	50.00	4.4600	Red_Deer_5yr_Chicago_2h J428_ADD
S3323	0.02	8.00	50.00	4.6700	Red_Deer_5yr_Chicago_2h J428_ADD
S3324	0.02	8.00	50.00	4.2000	Red_Deer_5yr_Chicago_2h J428_ADD
S3325	0.02	8.00	50.00	5.0100	Red_Deer_5yr_Chicago_2h J428_ADD
S3326	0.03	8.00	50.00	4.6300	Red_Deer_5yr_Chicago_2h J428_ADD
S3327	0.03	8.00	50.00	4.1100	Red_Deer_5yr_Chicago_2h J428_ADD
S3329	0.09	15.00	35.00	4.7600	Red_Deer_5yr_Chicago_2h J428_ADD
S3330	0.02	8.00	50.00	4.5300	Red_Deer_5yr_Chicago_2h J428_ADD
S3331	0.13	15.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h J362
S3332	0.12	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3333	0.02	8.00	50.00	4.5700	Red_Deer_5yr_Chicago_2h J428_ADD
S3334	0.12	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3335	0.08	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3336	0.08	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3337	0.03	8.00	50.00	4.6400	Red_Deer_5yr_Chicago_2h J428_ADD
S3338	0.08	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3339	0.12	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3340	0.12	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3341	0.24	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3342	0.11	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3344	0.09	15.00	35.00	3.1800	Red_Deer_5yr_Chicago_2h J76_ADD
S3346	0.07	15.00	35.00	3.7000	Red_Deer_5yr_Chicago_2h 755_ADD
S3348	0.08	15.00	35.00	3.5900	Red_Deer_5yr_Chicago_2h 751_ADD
S3350	0.29	15.00	40.00	2.3000	Red_Deer_5yr_Chicago_2h 752_ADD
S3352	0.34	15.00	50.00	3.2100	Red_Deer_5yr_Chicago_2h 752_ADD
S3353	0.34	22.00	80.00	2.8400	Red_Deer_5yr_Chicago_2h J431
S3355	0.05	15.00	40.00	3.0600	Red_Deer_5yr_Chicago_2h I10STM93
S3356	0.08	15.00	35.00	3.4100	Red_Deer_5yr_Chicago_2h J428_ADD
S3357	0.05	15.00	40.00	3.6000	Red_Deer_5yr_Chicago_2h I10STM93
S3364	0.05	15.00	40.00	3.0200	Red_Deer_5yr_Chicago_2h I10STM93
S3366	0.05	15.00	40.00	3.0200	Red_Deer_5yr_Chicago_2h I10STM93
S3370	0.05	15.00	40.00	2.8300	Red_Deer_5yr_Chicago_2h I10STM93
S3374	0.05	15.00	40.00	2.7800	Red_Deer_5yr_Chicago_2h I10STM93
S3380	0.10	15.00	40.00	3.2400	Red_Deer_5yr_Chicago_2h J10STM1875
S3381	0.10	10.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3383	0.05	15.00	40.00	2.7900	Red_Deer_5yr_Chicago_2h I10STM94
S3384	0.08	15.00	40.00	3.5800	Red_Deer_5yr_Chicago_2h J10STM1875
S3389	0.08	15.00	40.00	2.4600	Red_Deer_5yr_Chicago_2h J10STM1875
S3390	0.05	15.00	40.00	2.8400	Red_Deer_5yr_Chicago_2h I10STM93
S3395_1	0.58	15.82	65.00	3.5400	Red_Deer_5yr_Chicago_2h 736_ADD
S3395_2	0.19	15.82	65.00	3.5400	Red_Deer_5yr_Chicago_2h 750_ADD
S3396	0.11	11.90	65.00	1.0500	Red_Deer_5yr_Chicago_2h 753_ADD
S3397	0.05	10.00	50.00	0.8200	Red_Deer_5yr_Chicago_2h J362

S3398	0.04	10.00	50.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3399	0.04	10.00	50.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S34	35.88	299.49	5.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S3401	0.07	15.00	40.00	2.9400	Red_Deer_5yr_Chicago_2h J10STM1875
S3403	0.07	15.00	40.00	2.5000	Red_Deer_5yr_Chicago_2h J10STM1875
S3405	0.05	15.00	40.00	2.7700	Red_Deer_5yr_Chicago_2h I10STM94
S3408	0.05	15.00	40.00	3.0400	Red_Deer_5yr_Chicago_2h I10STM144
S3410	0.17	8.00	70.00	4.4100	Red_Deer_5yr_Chicago_2h 741_ADD
S3411	0.05	8.00	70.00	3.3900	Red_Deer_5yr_Chicago_2h 741_ADD
S3412	0.05	15.00	70.00	3.6300	Red_Deer_5yr_Chicago_2h 741_ADD
S3413	0.05	8.00	70.00	5.1100	Red_Deer_5yr_Chicago_2h 741_ADD
S3414	0.09	15.00	70.00	4.0100	Red_Deer_5yr_Chicago_2h 741_ADD
S3415	0.09	11.08	65.00	1.0500	Red_Deer_5yr_Chicago_2h 748_ADD
S3416	0.08	10.50	65.00	1.0500	Red_Deer_5yr_Chicago_2h 748_ADD
S3418	6.96	98.28	80.00	2.7200	Red_Deer_5yr_Chicago_2h CULV5354
S3421	0.04	10.00	50.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3422	0.07	15.00	40.00	2.5900	Red_Deer_5yr_Chicago_2h HPMH10
S3423	0.06	15.00	40.00	2.6500	Red_Deer_5yr_Chicago_2h J10STM1875
S3424	1.36	57.94	80.00	2.0400	Red_Deer_5yr_Chicago_2h CULV5415
S3425	2.78	81.97	80.00	3.1200	Red_Deer_5yr_Chicago_2h J420
S3429	0.04	10.00	50.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3430	0.05	15.00	40.00	4.4200	Red_Deer_5yr_Chicago_2h I10STM144
S3431	0.07	15.00	40.00	2.7800	Red_Deer_5yr_Chicago_2h I10STM94
S3432	0.24	17.80	65.00	1.0500	Red_Deer_5yr_Chicago_2h 748_ADD
S3434	0.05	15.00	40.00	3.1400	Red_Deer_5yr_Chicago_2h I10STM144
S3435	0.81	32.39	65.00	1.7500	Red_Deer_5yr_Chicago_2h Tank1-S3435
S3436	0.06	15.00	40.00	3.6000	Red_Deer_5yr_Chicago_2h J10STM1874
S3439	1.05	51.18	5.00	12.7900	Red_Deer_5yr_Chicago_2h J420
S3440	0.08	10.31	65.00	1.0500	Red_Deer_5yr_Chicago_2h 732_ADD
S3442	0.05	15.00	40.00	2.4100	Red_Deer_5yr_Chicago_2h I10STM145
S3443	0.05	8.03	80.00	4.6500	Red_Deer_5yr_Chicago_2h J376
S3444	0.07	15.00	40.00	2.4100	Red_Deer_5yr_Chicago_2h HPMH10
S3445	0.05	15.00	40.00	2.8700	Red_Deer_5yr_Chicago_2h I10STM95
S3446	0.04	7.85	80.00	5.1500	Red_Deer_5yr_Chicago_2h J376
S3447	0.06	15.00	40.00	1.9100	Red_Deer_5yr_Chicago_2h I10STM145
S3448	0.11	11.68	65.00	1.0500	Red_Deer_5yr_Chicago_2h 732_ADD
S3449	0.03	6.52	80.00	4.1600	Red_Deer_5yr_Chicago_2h J376
S3450	0.06	9.22	80.00	4.8200	Red_Deer_5yr_Chicago_2h J376
S3451	0.07	15.00	40.00	2.4500	Red_Deer_5yr_Chicago_2h HPMH10
S3452	0.06	15.00	40.00	2.8800	Red_Deer_5yr_Chicago_2h J10STM1874
S3453	0.04	15.00	50.00	2.9000	Red_Deer_5yr_Chicago_2h 746_ADD
S3454	0.06	9.21	80.00	3.9600	Red_Deer_5yr_Chicago_2h J376
S3456	0.02	15.00	50.00	3.1800	Red_Deer_5yr_Chicago_2h 746_ADD
S3458	0.04	15.00	50.00	3.4000	Red_Deer_5yr_Chicago_2h 746_ADD
S3459	0.06	9.21	80.00	4.7400	Red_Deer_5yr_Chicago_2h J376
S3460	0.05	15.00	40.00	3.3000	Red_Deer_5yr_Chicago_2h I10STM144
S3462	0.03	15.00	50.00	2.7900	Red_Deer_5yr_Chicago_2h 746_ADD
S3463	0.03	15.00	50.00	2.4000	Red_Deer_5yr_Chicago_2h 746_ADD
S3464	0.03	15.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h 746_ADD
S3465	0.03	15.00	50.00	2.5900	Red_Deer_5yr_Chicago_2h 746_ADD
S3466	0.04	15.00	50.00	2.7500	Red_Deer_5yr_Chicago_2h 746_ADD
S3468	0.05	15.00	40.00	2.8900	Red_Deer_5yr_Chicago_2h I10STM95
S3469	0.06	15.00	50.00	2.7700	Red_Deer_5yr_Chicago_2h 746_ADD
S3470	0.06	9.22	80.00	3.6000	Red_Deer_5yr_Chicago_2h J376
S3471	0.06	15.00	40.00	3.0600	Red_Deer_5yr_Chicago_2h J10STM1875
S3472	0.05	15.00	50.00	2.7800	Red_Deer_5yr_Chicago_2h 746_ADD
S3473	0.07	10.10	80.00	5.4300	Red_Deer_5yr_Chicago_2h J376
S3474	0.43	27.39	80.00	2.7500	Red_Deer_5yr_Chicago_2h CULV5415
S3475	0.43	39.39	80.00	2.9000	Red_Deer_5yr_Chicago_2h J420
S3476	2.32	67.29	80.00	9.1400	Red_Deer_5yr_Chicago_2h CULV5354
S3477	0.05	8.24	80.00	5.7200	Red_Deer_5yr_Chicago_2h J376
S3478	0.04	15.00	50.00	2.6700	Red_Deer_5yr_Chicago_2h 746_ADD
S3479	0.05	15.00	40.00	2.7400	Red_Deer_5yr_Chicago_2h I10STM95
S3481	0.06	15.00	40.00	3.8700	Red_Deer_5yr_Chicago_2h J10STM1874
S3484	0.08	15.00	40.00	2.7500	Red_Deer_5yr_Chicago_2h I10STM145
S3485	0.05	15.00	40.00	3.0200	Red_Deer_5yr_Chicago_2h I10STM95
S3487	0.24	18.45	80.00	1.4700	Red_Deer_5yr_Chicago_2h J46
S3488	0.19	16.16	80.00	3.3800	Red_Deer_5yr_Chicago_2h J52
S3489	0.06	15.00	40.00	3.0100	Red_Deer_5yr_Chicago_2h J10STM1875
S3490	0.05	15.00	40.00	2.6300	Red_Deer_5yr_Chicago_2h I10STM95
S3491	0.19	16.27	80.00	2.1400	Red_Deer_5yr_Chicago_2h J52
S3492	0.04	15.00	50.00	2.6100	Red_Deer_5yr_Chicago_2h 746_ADD
S3493	0.07	15.00	40.00	3.2100	Red_Deer_5yr_Chicago_2h I10STM144
S3494	0.82	54.28	80.00	3.2900	Red_Deer_5yr_Chicago_2h OF1
S3495	0.05	15.00	40.00	2.9500	Red_Deer_5yr_Chicago_2h I10STM146

S3496	0.05	15.00	40.00	3.4100	Red_Deer_5yr_Chicago_2h I10STM95
S3498	0.08	15.00	40.00	2.8500	Red_Deer_5yr_Chicago_2h J61
S3499	0.06	15.00	40.00	2.7000	Red_Deer_5yr_Chicago_2h J10STM1874
S35	0.16	14.31	65.00	4.2800	Red_Deer_5yr_Chicago_2h J109
S3500	0.05	15.00	40.00	3.1900	Red_Deer_5yr_Chicago_2h I10STM95
S3501	0.19	16.20	80.00	3.0800	Red_Deer_5yr_Chicago_2h J52
S3502	0.04	15.00	50.00	2.5000	Red_Deer_5yr_Chicago_2h 746_ADD
S3503	0.06	9.40	80.00	3.9100	Red_Deer_5yr_Chicago_2h J376
S3504	0.05	7.97	80.00	3.2400	Red_Deer_5yr_Chicago_2h J376
S3505	0.05	8.43	80.00	3.2100	Red_Deer_5yr_Chicago_2h J376
S3506	0.06	8.86	80.00	2.8900	Red_Deer_5yr_Chicago_2h J376
S3507	0.06	9.27	80.00	2.9600	Red_Deer_5yr_Chicago_2h J376
S3508	0.07	9.66	80.00	3.3400	Red_Deer_5yr_Chicago_2h J376
S3509	0.05	8.58	80.00	4.2300	Red_Deer_5yr_Chicago_2h J376
S3510	0.10	11.64	80.00	3.8800	Red_Deer_5yr_Chicago_2h J376
S3511	0.08	10.75	80.00	4.4100	Red_Deer_5yr_Chicago_2h J376
S3513	0.05	15.00	40.00	3.6500	Red_Deer_5yr_Chicago_2h I10STM95
S3514	0.05	15.00	40.00	2.8300	Red_Deer_5yr_Chicago_2h I10STM146
S3515	0.04	15.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h 746_ADD
S3516	0.05	15.00	40.00	3.3200	Red_Deer_5yr_Chicago_2h I10STM95
S3517	0.43	27.39	80.00	2.7300	Red_Deer_5yr_Chicago_2h CULV5415
S3518	0.43	39.38	80.00	3.4800	Red_Deer_5yr_Chicago_2h CULV5385
S3519	0.06	15.00	40.00	2.7600	Red_Deer_5yr_Chicago_2h J10STM1874
S3520	0.03	15.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h 746_ADD
S3522	0.04	15.00	50.00	2.9600	Red_Deer_5yr_Chicago_2h 746_ADD
S3523	0.02	15.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h 746_ADD
S3524	0.03	15.00	50.00	3.8800	Red_Deer_5yr_Chicago_2h 746_ADD
S3525	0.03	15.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h 746_ADD
S3526	0.03	15.00	50.00	2.9300	Red_Deer_5yr_Chicago_2h 746_ADD
S3527	0.03	15.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h 746_ADD
S3528	0.04	15.00	50.00	3.2700	Red_Deer_5yr_Chicago_2h 746_ADD
S3529	0.05	15.00	40.00	3.8100	Red_Deer_5yr_Chicago_2h I9STM96
S3530	0.53	26.20	65.00	0.7800	Red_Deer_5yr_Chicago_2h 736_ADD
S3531	0.19	16.48	80.00	2.6600	Red_Deer_5yr_Chicago_2h J52
S3532	0.05	15.00	40.00	2.7900	Red_Deer_5yr_Chicago_2h I10STM146
S3533	0.22	17.62	80.00	4.0900	Red_Deer_5yr_Chicago_2h J42
S3534	0.17	15.36	80.00	2.3400	Red_Deer_5yr_Chicago_2h J354
S3535	0.05	15.00	40.00	2.9500	Red_Deer_5yr_Chicago_2h I10STM95
S3536	0.06	15.00	40.00	2.9900	Red_Deer_5yr_Chicago_2h J10STM1873
S3537	0.06	15.00	40.00	3.0100	Red_Deer_5yr_Chicago_2h J10STM1874
S3538	0.06	15.00	40.00	3.0000	Red_Deer_5yr_Chicago_2h J10STM1874
S3539	0.07	15.00	40.00	2.8400	Red_Deer_5yr_Chicago_2h J10STM1874
S3541	0.04	7.19	80.00	4.2800	Red_Deer_5yr_Chicago_2h J356
S3542	0.04	7.24	80.00	4.6000	Red_Deer_5yr_Chicago_2h J356
S3543	3.40	110.61	80.00	2.6500	Red_Deer_5yr_Chicago_2h CULV5354
S3544	0.05	15.00	40.00	3.2400	Red_Deer_5yr_Chicago_2h I9STM96
S3545	0.05	15.00	40.00	3.1700	Red_Deer_5yr_Chicago_2h I10STM147
S3546	0.09	11.42	80.00	3.1200	Red_Deer_5yr_Chicago_2h J376
S3547	0.82	32.64	65.00	1.8900	Red_Deer_5yr_Chicago_2h Tank2-S3547
S3548	0.05	15.00	40.00	3.3200	Red_Deer_5yr_Chicago_2h I9STM96
S3549	0.05	15.00	40.00	2.6100	Red_Deer_5yr_Chicago_2h I10STM147
S3550	0.04	7.34	80.00	3.2800	Red_Deer_5yr_Chicago_2h J356
S3551	0.09	15.00	40.00	2.7400	Red_Deer_5yr_Chicago_2h I10STM147
S3552	0.71	42.18	5.00	4.6500	Red_Deer_5yr_Chicago_2h CULV5354
S3553	0.09	15.00	40.00	2.9700	Red_Deer_5yr_Chicago_2h I10STM147
S3554	0.10	11.65	80.00	4.5600	Red_Deer_5yr_Chicago_2h J356
S3555	0.05	15.00	40.00	3.1600	Red_Deer_5yr_Chicago_2h I9STM96
S3556	0.10	11.80	80.00	3.9800	Red_Deer_5yr_Chicago_2h J8
S3557	0.06	9.21	80.00	3.5500	Red_Deer_5yr_Chicago_2h J8
S3558	0.06	9.21	80.00	3.9100	Red_Deer_5yr_Chicago_2h J8
S3559	0.06	9.21	80.00	3.3200	Red_Deer_5yr_Chicago_2h J8
S3560	0.06	9.21	80.00	2.7900	Red_Deer_5yr_Chicago_2h J8
S3561	0.06	9.21	80.00	2.9600	Red_Deer_5yr_Chicago_2h J8
S3562	0.06	9.21	80.00	2.9600	Red_Deer_5yr_Chicago_2h J8
S3563	0.06	9.21	80.00	3.4700	Red_Deer_5yr_Chicago_2h J8
S3564	0.06	9.21	80.00	3.1700	Red_Deer_5yr_Chicago_2h J8
S3566	0.57	28.43	80.00	3.7700	Red_Deer_5yr_Chicago_2h J373
S3567	0.10	11.74	80.00	2.8100	Red_Deer_5yr_Chicago_2h F9STM259
S3568	0.10	11.68	80.00	3.6200	Red_Deer_5yr_Chicago_2h J377
S3569	0.05	15.00	40.00	3.0400	Red_Deer_5yr_Chicago_2h I9STM96
S3571	0.05	15.00	40.00	3.3000	Red_Deer_5yr_Chicago_2h I10STM147
S3572	0.04	7.26	80.00	3.8900	Red_Deer_5yr_Chicago_2h F9STM259
S3573	0.04	7.20	80.00	4.4600	Red_Deer_5yr_Chicago_2h F9STM259
S3574	0.04	7.11	80.00	4.2900	Red_Deer_5yr_Chicago_2h F9STM259
S3575	0.10	11.58	80.00	4.1400	Red_Deer_5yr_Chicago_2h J377

S3576	0.43	27.39	80.00	4.0900	Red_Deer_5yr_Chicago_2h	CULV5385
S3577	0.43	39.38	80.00	4.2100	Red_Deer_5yr_Chicago_2h	CULV5385
S3578	0.06	15.00	40.00	3.3600	Red_Deer_5yr_Chicago_2h	J9STM1872
S3579	0.10	11.64	80.00	3.3100	Red_Deer_5yr_Chicago_2h	J377
S3580	0.24	18.34	80.00	3.3800	Red_Deer_5yr_Chicago_2h	F9STM259
S3581	0.05	15.00	40.00	3.0100	Red_Deer_5yr_Chicago_2h	J9STM1872
S3582	0.10	11.69	80.00	3.2700	Red_Deer_5yr_Chicago_2h	J377
S3584	0.07	15.00	40.00	2.9800	Red_Deer_5yr_Chicago_2h	I10STM147
S3585	0.05	15.00	40.00	2.8900	Red_Deer_5yr_Chicago_2h	I9STM96
S3586	0.06	15.00	40.00	3.4300	Red_Deer_5yr_Chicago_2h	J9STM1872
S3587	0.09	15.00	40.00	3.0900	Red_Deer_5yr_Chicago_2h	J9STM1872
S3588	0.05	8.54	80.00	2.9500	Red_Deer_5yr_Chicago_2h	J377
S3589	0.06	15.00	40.00	3.0200	Red_Deer_5yr_Chicago_2h	I9STM96
S3591	0.05	15.00	40.00	3.1800	Red_Deer_5yr_Chicago_2h	I10STM147
S3593	1.26	15.00	70.00	0.8200	Red_Deer_5yr_Chicago_2h	J362
S3594	2.05	90.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h	J358_ADD
S3595	2.05	90.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h	J358_ADD
S3596	0.14	13.98	80.00	2.8500	Red_Deer_5yr_Chicago_2h	J40
S3597	0.05	8.61	80.00	2.9900	Red_Deer_5yr_Chicago_2h	J377
S3599	0.05	15.00	40.00	2.8000	Red_Deer_5yr_Chicago_2h	I9STM96
S36	0.16	14.30	65.00	5.2700	Red_Deer_5yr_Chicago_2h	J109
S3602	0.05	15.00	40.00	2.8000	Red_Deer_5yr_Chicago_2h	I9STM148
S3604	0.05	8.66	80.00	3.4800	Red_Deer_5yr_Chicago_2h	J374
S3605	0.05	8.66	80.00	3.6600	Red_Deer_5yr_Chicago_2h	J352
S3608	0.04	7.61	80.00	2.6900	Red_Deer_5yr_Chicago_2h	J373
S3610	0.09	11.21	80.00	2.5200	Red_Deer_5yr_Chicago_2h	J374
S3611	0.77	52.81	80.00	2.1200	Red_Deer_5yr_Chicago_2h	CULV5315
S3612	0.08	15.00	40.00	2.9600	Red_Deer_5yr_Chicago_2h	J9STM1872
S3613	0.06	8.84	65.00	4.1500	Red_Deer_5yr_Chicago_2h	J428_ADD
S3615	0.05	15.00	40.00	3.5300	Red_Deer_5yr_Chicago_2h	I9STM96
S3618	0.05	15.00	40.00	2.9400	Red_Deer_5yr_Chicago_2h	I9STM148
S3620	0.06	15.00	40.00	3.2900	Red_Deer_5yr_Chicago_2h	I10STM147
S3621	0.07	15.00	40.00	3.4700	Red_Deer_5yr_Chicago_2h	I10STM147
S3622	0.11	15.00	40.00	3.1100	Red_Deer_5yr_Chicago_2h	I10STM147
S3623	0.43	27.40	80.00	2.8400	Red_Deer_5yr_Chicago_2h	CULV5385
S3624	0.43	39.38	80.00	3.3400	Red_Deer_5yr_Chicago_2h	CULV5385
S3625	0.05	8.67	80.00	4.0500	Red_Deer_5yr_Chicago_2h	J374
S3627	0.05	8.67	80.00	3.2800	Red_Deer_5yr_Chicago_2h	J352
S3629	0.04	10.00	50.00	3.3700	Red_Deer_5yr_Chicago_2h	I9STM143
S3632	0.05	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h	J358_ADD
S3633	0.05	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h	J358_ADD
S3637	2.94	102.82	80.00	3.5400	Red_Deer_5yr_Chicago_2h	OF1
S3638	0.05	15.00	40.00	3.6200	Red_Deer_5yr_Chicago_2h	I9STM96
S3643	0.21	17.11	80.00	2.1800	Red_Deer_5yr_Chicago_2h	J42
S3644	0.20	16.74	80.00	2.3800	Red_Deer_5yr_Chicago_2h	J42
S3648	0.05	15.00	40.00	2.9400	Red_Deer_5yr_Chicago_2h	I9STM96
S3649	0.62	29.56	80.00	3.0500	Red_Deer_5yr_Chicago_2h	STMH1
S3650	0.04	7.61	80.00	2.8800	Red_Deer_5yr_Chicago_2h	J373
S3651	0.06	9.23	80.00	3.2300	Red_Deer_5yr_Chicago_2h	J373
S3652	0.06	9.23	80.00	3.5200	Red_Deer_5yr_Chicago_2h	J373
S3653_1	0.85	64.54	80.00	2.5500	Red_Deer_5yr_Chicago_2h	G7STM261
S3653_2	2.12	64.54	80.00	2.5500	Red_Deer_5yr_Chicago_2h	J389
S3654	0.07	10.20	80.00	3.2200	Red_Deer_5yr_Chicago_2h	J378
S3657	0.08	10.78	80.00	3.5300	Red_Deer_5yr_Chicago_2h	J374
S3658	0.04	10.00	50.00	3.2100	Red_Deer_5yr_Chicago_2h	I9STM143
S3659	0.13	13.27	80.00	3.7200	Red_Deer_5yr_Chicago_2h	J356
S3661	0.18	15.71	80.00	3.3000	Red_Deer_5yr_Chicago_2h	J356
S3662	0.05	8.67	80.00	2.9500	Red_Deer_5yr_Chicago_2h	J352
S3663	0.13	13.36	80.00	3.7200	Red_Deer_5yr_Chicago_2h	J356
S3664	0.06	15.00	40.00	2.6900	Red_Deer_5yr_Chicago_2h	J9STM1872
S3665	0.05	15.00	40.00	3.1700	Red_Deer_5yr_Chicago_2h	J9STM1872
S3666	0.06	15.00	40.00	2.6400	Red_Deer_5yr_Chicago_2h	J9STM1872
S3667	0.13	15.00	40.00	2.9400	Red_Deer_5yr_Chicago_2h	J9STM1872
S3668	0.13	13.58	80.00	2.7800	Red_Deer_5yr_Chicago_2h	J356
S3669	0.06	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h	J362
S3670	0.06	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h	J362
S3671	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h	J358_ADD
S3672	0.05	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h	J358_ADD
S3673	0.10	12.02	80.00	3.3400	Red_Deer_5yr_Chicago_2h	J356
S3675	0.11	12.53	80.00	3.8900	Red_Deer_5yr_Chicago_2h	J356
S3676	0.11	12.30	80.00	3.0700	Red_Deer_5yr_Chicago_2h	J356
S3678	0.08	15.00	40.00	2.7300	Red_Deer_5yr_Chicago_2h	I9STM148
S3680	0.14	13.88	80.00	3.2700	Red_Deer_5yr_Chicago_2h	J356
S3681	0.05	15.00	40.00	3.9700	Red_Deer_5yr_Chicago_2h	I9STM97
S3683	0.11	12.39	80.00	3.2400	Red_Deer_5yr_Chicago_2h	J356

S3684	0.07	9.63	80.00	2.6300	Red_Deer_5yr_Chicago_2h STMH2
S3685	0.05	15.00	40.00	3.1500	Red_Deer_5yr_Chicago_2h I9STM97
S3686	0.14	14.08	80.00	5.0800	Red_Deer_5yr_Chicago_2h J356
S3687	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3690	0.04	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3691	0.03	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3692	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3693	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3694	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3695	0.06	15.00	40.00	3.0900	Red_Deer_5yr_Chicago_2h I9STM143
S3696	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3697	0.06	15.00	40.00	3.3400	Red_Deer_5yr_Chicago_2h I9STM143
S3698	0.09	11.06	80.00	3.0900	Red_Deer_5yr_Chicago_2h J356
S3699	0.09	11.29	80.00	3.5700	Red_Deer_5yr_Chicago_2h J374
S37	0.16	14.30	65.00	8.2800	Red_Deer_5yr_Chicago_2h J109
S3700	0.04	10.00	50.00	3.0900	Red_Deer_5yr_Chicago_2h I9STM143
S3701	0.10	12.11	80.00	2.7200	Red_Deer_5yr_Chicago_2h J356
S3702	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3703	0.08	10.37	80.00	1.8300	Red_Deer_5yr_Chicago_2h J374
S3704	0.06	8.97	80.00	3.8200	Red_Deer_5yr_Chicago_2h J356
S3705	0.06	8.97	80.00	3.5900	Red_Deer_5yr_Chicago_2h J356
S3706	0.17	15.53	80.00	4.0800	Red_Deer_5yr_Chicago_2h J356
S3707	0.07	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3708	0.65	28.94	65.00	0.7800	Red_Deer_5yr_Chicago_2h 738_ADD
S3709	0.02	4.76	80.00	2.8500	Red_Deer_5yr_Chicago_2h J374
S3710	0.05	8.67	80.00	4.9400	Red_Deer_5yr_Chicago_2h J352
S3711	0.03	7.01	80.00	3.2500	Red_Deer_5yr_Chicago_2h STMH2
S3715	1.21	95.00	70.00	2.8500	Red_Deer_5yr_Chicago_2h I9STM143
S3717	0.07	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3718	4.70	130.07	80.00	3.0100	Red_Deer_5yr_Chicago_2h CULV5385
S3719	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3720	0.09	10.98	80.00	3.1900	Red_Deer_5yr_Chicago_2h J356
S3721	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3722	0.10	10.00	50.00	3.7900	Red_Deer_5yr_Chicago_2h J381
S3724	0.04	10.00	50.00	2.7800	Red_Deer_5yr_Chicago_2h I9STM143
S3725	0.09	10.00	50.00	3.3300	Red_Deer_5yr_Chicago_2h J381
S3726	0.05	15.00	40.00	3.4500	Red_Deer_5yr_Chicago_2h I9STM97
S3727	0.06	10.00	50.00	2.7700	Red_Deer_5yr_Chicago_2h J381
S3728	0.06	15.00	40.00	2.8500	Red_Deer_5yr_Chicago_2h I9STM148
S3729	0.05	15.00	40.00	3.6000	Red_Deer_5yr_Chicago_2h I9STM148
S3730	0.05	15.00	40.00	3.4300	Red_Deer_5yr_Chicago_2h I9STM148
S3731	0.05	15.00	40.00	3.1900	Red_Deer_5yr_Chicago_2h I9STM148
S3732	0.06	10.00	50.00	3.3800	Red_Deer_5yr_Chicago_2h J381
S3733	0.06	15.00	40.00	3.0900	Red_Deer_5yr_Chicago_2h I9STM97
S3734	0.42	26.87	80.00	3.7200	Red_Deer_5yr_Chicago_2h CULV5397
S3735	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3736	0.42	38.88	80.00	4.6800	Red_Deer_5yr_Chicago_2h CULV5385
S3737	0.07	9.94	80.00	2.9900	Red_Deer_5yr_Chicago_2h J374
S3738	0.14	10.00	50.00	3.0900	Red_Deer_5yr_Chicago_2h J381
S3739	0.06	15.00	40.00	3.0500	Red_Deer_5yr_Chicago_2h I9STM148
S3741	0.05	8.67	80.00	3.0800	Red_Deer_5yr_Chicago_2h J374
S3742	0.18	16.06	80.00	3.4000	Red_Deer_5yr_Chicago_2h J381
S3743	0.05	8.67	80.00	4.1400	Red_Deer_5yr_Chicago_2h J352
S3744	0.05	15.00	40.00	3.3200	Red_Deer_5yr_Chicago_2h H9STM138
S3745	0.15	14.66	80.00	2.8300	Red_Deer_5yr_Chicago_2h J381
S3746	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3747	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3748	0.08	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3751	0.04	10.00	50.00	2.4600	Red_Deer_5yr_Chicago_2h I9STM143
S3753	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3754	0.72	50.77	80.00	2.0700	Red_Deer_5yr_Chicago_2h CULV5315
S3755	0.09	11.36	80.00	3.2900	Red_Deer_5yr_Chicago_2h J381
S3756	0.09	11.36	80.00	3.4500	Red_Deer_5yr_Chicago_2h J381
S3757	0.41	38.24	80.00	4.9200	Red_Deer_5yr_Chicago_2h CULV5314
S3758	0.21	17.36	80.00	5.2900	Red_Deer_5yr_Chicago_2h J381
S3759	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3760	2.25	56.29	80.00	3.0900	Red_Deer_5yr_Chicago_2h J372
S3761	0.09	10.00	50.00	2.5600	Red_Deer_5yr_Chicago_2h J381
S3763	0.05	15.00	40.00	3.0400	Red_Deer_5yr_Chicago_2h I9STM97
S3764	0.06	15.00	40.00	3.6700	Red_Deer_5yr_Chicago_2h J9STM1871
S3765	0.09	11.04	80.00	3.9200	Red_Deer_5yr_Chicago_2h J352
S3766	0.09	10.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h J381
S3767	0.07	9.89	80.00	3.9900	Red_Deer_5yr_Chicago_2h J372
S3768	0.07	9.89	80.00	3.4800	Red_Deer_5yr_Chicago_2h J372
S3769	0.07	9.91	80.00	3.6200	Red_Deer_5yr_Chicago_2h J372

S3771	0.06	9.49	80.00	3.4400	Red_Deer_5yr_Chicago_2h J374
S3772	0.09	10.00	50.00	2.5900	Red_Deer_5yr_Chicago_2h J381
S3774	0.04	10.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h I9STM143
S3775	0.05	15.00	40.00	3.0200	Red_Deer_5yr_Chicago_2h J9STM1871
S3776	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3777	0.09	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3778	0.06	15.00	40.00	3.9300	Red_Deer_5yr_Chicago_2h J9STM1871
S3779	0.05	15.00	40.00	2.8500	Red_Deer_5yr_Chicago_2h J9STM1871
S3780	0.06	9.16	80.00	3.9800	Red_Deer_5yr_Chicago_2h J374
S3781	0.05	15.00	40.00	3.0400	Red_Deer_5yr_Chicago_2h H9STM138
S3782	0.06	9.16	80.00	3.5600	Red_Deer_5yr_Chicago_2h J352
S3783	0.07	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3784	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3785	0.05	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3786	0.10	15.00	40.00	3.0700	Red_Deer_5yr_Chicago_2h J9STM1871
S3787	0.14	10.00	50.00	3.9500	Red_Deer_5yr_Chicago_2h J381
S3788	0.11	10.00	50.00	3.9200	Red_Deer_5yr_Chicago_2h J381
S3789	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3790	0.08	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3791	0.23	18.06	80.00	2.2100	Red_Deer_5yr_Chicago_2h J40
S3792	0.06	10.00	50.00	3.3800	Red_Deer_5yr_Chicago_2h J381
S3793	0.09	10.00	50.00	3.2500	Red_Deer_5yr_Chicago_2h J381
S3794	0.03	10.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h I9STM143
S3795	0.05	15.00	40.00	3.5100	Red_Deer_5yr_Chicago_2h I9STM97
S3796	0.11	10.00	50.00	3.9100	Red_Deer_5yr_Chicago_2h J381
S3797	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S38	0.12	12.37	65.00	7.0100	Red_Deer_5yr_Chicago_2h J109
S3807	0.48	26.04	80.00	3.0700	Red_Deer_5yr_Chicago_2h G7STM262
S3809	0.14	14.14	80.00	3.0100	Red_Deer_5yr_Chicago_2h J389
S3810	0.08	15.00	40.00	2.8300	Red_Deer_5yr_Chicago_2h I9STM148
S3811	0.10	11.88	80.00	3.2000	Red_Deer_5yr_Chicago_2h J389
S3812	0.07	9.63	80.00	3.5300	Red_Deer_5yr_Chicago_2h J374
S3813	0.10	10.00	50.00	4.0700	Red_Deer_5yr_Chicago_2h J381
S3814	0.10	10.00	50.00	3.4400	Red_Deer_5yr_Chicago_2h J381
S3815	0.14	10.00	50.00	3.1500	Red_Deer_5yr_Chicago_2h J381
S3816	0.14	10.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h J381
S3817	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3818	0.09	10.00	50.00	3.5100	Red_Deer_5yr_Chicago_2h G7STM261
S3819	0.08	10.74	80.00	3.4900	Red_Deer_5yr_Chicago_2h J374
S3820	0.05	15.00	40.00	2.8900	Red_Deer_5yr_Chicago_2h H9STM138
S3821	0.17	15.48	80.00	2.3900	Red_Deer_5yr_Chicago_2h STMH2
S3822	0.08	10.75	80.00	2.5700	Red_Deer_5yr_Chicago_2h J352
S3823	0.03	10.00	50.00	3.6800	Red_Deer_5yr_Chicago_2h I9STM139
S3824	0.10	10.00	50.00	3.3500	Red_Deer_5yr_Chicago_2h G7STM261
S3825	0.07	10.00	50.00	3.9700	Red_Deer_5yr_Chicago_2h G7STM261
S3826	0.17	10.00	50.00	4.0400	Red_Deer_5yr_Chicago_2h G7STM261
S3827	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3828	0.12	10.00	50.00	3.5300	Red_Deer_5yr_Chicago_2h G7STM261
S3829	0.14	10.00	50.00	2.8700	Red_Deer_5yr_Chicago_2h G7STM261
S3830	0.05	15.00	40.00	3.1600	Red_Deer_5yr_Chicago_2h I9STM98
S3831	0.14	10.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h G7STM261
S3832	0.07	15.00	40.00	3.2000	Red_Deer_5yr_Chicago_2h J9STM1871
S3833	0.42	26.88	80.00	2.7400	Red_Deer_5yr_Chicago_2h CULV5397
S3834	0.42	38.88	80.00	2.8300	Red_Deer_5yr_Chicago_2h CULV5385
S3835	0.22	17.53	80.00	4.3600	Red_Deer_5yr_Chicago_2h G7STM261
S3836	0.07	10.00	50.00	3.2600	Red_Deer_5yr_Chicago_2h G7STM261
S3837	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3838	0.10	10.00	50.00	3.2500	Red_Deer_5yr_Chicago_2h G7STM261
S3839	0.12	12.76	80.00	3.2100	Red_Deer_5yr_Chicago_2h J374
S3840	0.09	10.00	50.00	3.0000	Red_Deer_5yr_Chicago_2h G7STM261
S3841	0.04	10.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h I9STM139
S3842	0.10	10.00	50.00	3.1700	Red_Deer_5yr_Chicago_2h G7STM261
S3843	0.10	10.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h G7STM261
S3844	0.04	7.81	80.00	3.3100	Red_Deer_5yr_Chicago_2h STMH3
S3845	0.12	10.00	50.00	3.4700	Red_Deer_5yr_Chicago_2h G7STM261
S3846	0.08	15.00	40.00	3.3200	Red_Deer_5yr_Chicago_2h I9STM148
S3847	0.07	15.00	40.00	3.2200	Red_Deer_5yr_Chicago_2h I9STM148
S3848	0.05	15.00	40.00	3.6000	Red_Deer_5yr_Chicago_2h I9STM148
S3849	0.05	15.00	40.00	3.4300	Red_Deer_5yr_Chicago_2h I9STM148
S3850	0.05	15.00	40.00	3.3900	Red_Deer_5yr_Chicago_2h I9STM148
S3851	0.05	15.00	40.00	2.7500	Red_Deer_5yr_Chicago_2h I9STM97
S3852	0.05	15.00	40.00	3.2600	Red_Deer_5yr_Chicago_2h I9STM97
S3853	0.05	15.00	40.00	3.5100	Red_Deer_5yr_Chicago_2h I9STM97
S3854	0.07	15.00	40.00	3.3700	Red_Deer_5yr_Chicago_2h I9STM98
S3855	0.05	15.00	40.00	2.7800	Red_Deer_5yr_Chicago_2h H9STM138

S3856	0.10	12.04	80.00	2.7600	Red_Deer_5yr_Chicago_2h J374
S3857	0.10	12.05	80.00	4.0300	Red_Deer_5yr_Chicago_2h J352
S3858	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3859	0.09	10.00	50.00	3.9200	Red_Deer_5yr_Chicago_2h G7STM261
S3861	0.10	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3862	0.05	15.00	40.00	3.4200	Red_Deer_5yr_Chicago_2h I9STM98
S3863	0.06	10.00	50.00	2.8600	Red_Deer_5yr_Chicago_2h J389
S3864	0.11	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3865	0.07	10.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h J389
S3866	0.14	10.00	50.00	2.5300	Red_Deer_5yr_Chicago_2h J389
S3867	0.04	10.00	50.00	2.6400	Red_Deer_5yr_Chicago_2h I9STM139
S3868	0.09	10.00	50.00	3.1900	Red_Deer_5yr_Chicago_2h J389
S3869	0.07	10.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h J389
S3870	0.07	10.00	50.00	2.7900	Red_Deer_5yr_Chicago_2h J389
S3871	0.06	9.33	80.00	3.4200	Red_Deer_5yr_Chicago_2h J479
S3872	0.05	15.00	40.00	2.6100	Red_Deer_5yr_Chicago_2h H9STM138
S3873	0.07	10.08	80.00	2.9100	Red_Deer_5yr_Chicago_2h J479
S3874	0.41	38.21	80.00	4.0300	Red_Deer_5yr_Chicago_2h CULV5314
S3875	0.07	10.08	80.00	2.6000	Red_Deer_5yr_Chicago_2h J479
S3877	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3878	0.11	12.34	80.00	2.5300	Red_Deer_5yr_Chicago_2h J479
S3879	0.07	10.08	80.00	2.9000	Red_Deer_5yr_Chicago_2h J479
S3880	0.04	10.00	50.00	3.2600	Red_Deer_5yr_Chicago_2h I9STM139
S3881	0.11	12.34	80.00	3.1400	Red_Deer_5yr_Chicago_2h J479
S3882	0.11	12.34	80.00	3.4600	Red_Deer_5yr_Chicago_2h J479
S3883	0.05	15.00	40.00	3.1900	Red_Deer_5yr_Chicago_2h I9STM98
S3884	0.05	15.00	40.00	2.9600	Red_Deer_5yr_Chicago_2h H9STM138
S3885	0.11	12.60	80.00	5.7300	Red_Deer_5yr_Chicago_2h J479
S3886	0.07	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3887	3.60	113.83	80.00	2.3000	Red_Deer_5yr_Chicago_2h CULV5385
S3889	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3891	0.06	15.00	40.00	4.0500	Red_Deer_5yr_Chicago_2h J9STM1871
S3892	0.05	15.00	40.00	3.2400	Red_Deer_5yr_Chicago_2h J9STM1871
S3894	0.05	15.00	40.00	3.3200	Red_Deer_5yr_Chicago_2h J9STM1871
S3895	0.07	15.00	40.00	3.0500	Red_Deer_5yr_Chicago_2h J9STM1871
S3896	0.10	15.00	40.00	3.1900	Red_Deer_5yr_Chicago_2h J9STM1871
S3897	0.09	10.00	50.00	2.8500	Red_Deer_5yr_Chicago_2h J2-Stan
S3898	0.25	10.00	50.00	2.4900	Red_Deer_5yr_Chicago_2h HPMH44_ADD
S3899	0.06	9.40	80.00	3.1900	Red_Deer_5yr_Chicago_2h J372
S39	0.65	15.00	70.00	4.3700	Red_Deer_5yr_Chicago_2h J444
S3900	0.06	9.22	80.00	3.3200	Red_Deer_5yr_Chicago_2h J372
S3901	0.13	10.00	50.00	3.0900	Red_Deer_5yr_Chicago_2h J2-Stan
S3902	0.06	9.22	80.00	3.6600	Red_Deer_5yr_Chicago_2h J372
S3903	0.06	9.22	80.00	3.4300	Red_Deer_5yr_Chicago_2h J372
S3904	0.04	10.00	50.00	2.8700	Red_Deer_5yr_Chicago_2h I9STM139
S3905	0.06	9.22	80.00	4.0200	Red_Deer_5yr_Chicago_2h J372
S3906	0.06	9.22	80.00	3.2200	Red_Deer_5yr_Chicago_2h J372
S3907	0.05	15.00	40.00	3.4100	Red_Deer_5yr_Chicago_2h H9STM138
S3908	0.06	9.22	80.00	4.3300	Red_Deer_5yr_Chicago_2h J372
S3909	0.06	9.22	80.00	3.4600	Red_Deer_5yr_Chicago_2h J372
S3910	0.06	9.24	80.00	3.3600	Red_Deer_5yr_Chicago_2h J372
S3911	0.13	10.00	50.00	2.6500	Red_Deer_5yr_Chicago_2h J2-Stan
S3912	0.05	15.00	40.00	2.6300	Red_Deer_5yr_Chicago_2h I9STM98
S3913	0.05	15.00	40.00	3.1000	Red_Deer_5yr_Chicago_2h I9STM98
S3914	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3915	0.13	10.00	50.00	2.5900	Red_Deer_5yr_Chicago_2h J2-Stan
S3916_1	0.27	15.00	70.00	4.1000	Red_Deer_5yr_Chicago_2h J210
S3916_3	0.17	15.00	70.00	4.1000	Red_Deer_5yr_Chicago_2h J185
S3916_4	0.18	15.00	70.00	4.1000	Red_Deer_5yr_Chicago_2h J212
S3916_5	0.15	15.00	70.00	4.1000	Red_Deer_5yr_Chicago_2h J214
S3916_6	0.16	15.00	70.00	4.1000	Red_Deer_5yr_Chicago_2h J190
S3917	0.06	10.00	50.00	3.2400	Red_Deer_5yr_Chicago_2h H9STM138
S3918	0.03	8.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h H9STM138
S3919	0.03	8.00	50.00	3.3800	Red_Deer_5yr_Chicago_2h I9STM139
S3920	0.03	8.00	50.00	2.6000	Red_Deer_5yr_Chicago_2h I9STM139
S3921	0.03	8.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h I9STM139
S3922	0.03	8.00	50.00	2.7300	Red_Deer_5yr_Chicago_2h I9STM139
S3923	0.03	8.00	50.00	3.1600	Red_Deer_5yr_Chicago_2h I9STM139
S3924	0.05	10.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h I9STM139
S3925	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3926	0.05	15.00	40.00	3.0200	Red_Deer_5yr_Chicago_2h H9STM138
S3927	0.10	10.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h J10-Stan
S3928	0.19	10.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h HPMH44_ADD
S3929	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3930	0.07	9.87	80.00	2.9100	Red_Deer_5yr_Chicago_2h F9STM259

S3931	0.42	26.87	80.00	2.6700	Red_Deer_5yr_Chicago_2h CULV5397
S3932	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3933	0.42	38.88	80.00	3.3900	Red_Deer_5yr_Chicago_2h CULV5385
S3934	0.04	10.00	50.00	3.3400	Red_Deer_5yr_Chicago_2h I9STM139
S3937	0.22	10.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h J10-Stan
S3938	0.05	15.00	40.00	2.9000	Red_Deer_5yr_Chicago_2h H9STM138
S394	0.41	23.92	80.00	2.8100	Red_Deer_5yr_Chicago_2h J40
S3940	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3941	0.14	10.00	50.00	3.1000	Red_Deer_5yr_Chicago_2h J481
S3942	0.14	10.00	50.00	2.8700	Red_Deer_5yr_Chicago_2h HPMH43
S3943	0.06	15.00	40.00	3.0700	Red_Deer_5yr_Chicago_2h I9STM98
S3944	0.61	46.83	80.00	2.0900	Red_Deer_5yr_Chicago_2h CULV5306
S3945	0.04	10.00	50.00	3.1400	Red_Deer_5yr_Chicago_2h I9STM139
S3947	0.06	15.00	40.00	2.5100	Red_Deer_5yr_Chicago_2h I9STM98
S3948	0.69	10.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h HPMH47
S3949	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3951	0.08	10.67	80.00	2.8600	Red_Deer_5yr_Chicago_2h J37
S3952	0.06	9.21	80.00	3.3100	Red_Deer_5yr_Chicago_2h J37
S3953	0.06	9.22	80.00	4.4700	Red_Deer_5yr_Chicago_2h J37
S3954	0.06	9.22	80.00	6.1500	Red_Deer_5yr_Chicago_2h J37
S3955	0.05	15.00	40.00	3.1800	Red_Deer_5yr_Chicago_2h H9STM138
S3956	0.06	9.22	80.00	4.4900	Red_Deer_5yr_Chicago_2h J37
S3957	0.06	9.22	80.00	3.8500	Red_Deer_5yr_Chicago_2h J37
S3958	0.06	9.22	80.00	3.8500	Red_Deer_5yr_Chicago_2h J37
S3959	0.06	9.22	80.00	4.0200	Red_Deer_5yr_Chicago_2h J37
S3960	0.08	10.67	80.00	9.2000	Red_Deer_5yr_Chicago_2h J37
S3961	0.48	10.00	50.00	2.7500	Red_Deer_5yr_Chicago_2h J22-Stan
S3962	0.72	50.77	80.00	2.0900	Red_Deer_5yr_Chicago_2h CULV5315
S3963	0.16	10.00	50.00	3.0000	Red_Deer_5yr_Chicago_2h J22-Stan
S3964	0.13	10.00	50.00	3.0800	Red_Deer_5yr_Chicago_2h J22-Stan
S3966	0.65	10.00	50.00	3.1100	Red_Deer_5yr_Chicago_2h J21-Stan
S3967	0.36	10.00	50.00	2.9600	Red_Deer_5yr_Chicago_2h HPMH43
S3968	0.14	10.00	50.00	2.8400	Red_Deer_5yr_Chicago_2h J482
S3969	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S3970	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3971	0.08	15.00	40.00	3.3900	Red_Deer_5yr_Chicago_2h I8STM111
S3975	0.05	15.00	40.00	2.6800	Red_Deer_5yr_Chicago_2h H9STM138
S3976	0.09	15.00	40.00	3.5000	Red_Deer_5yr_Chicago_2h I8STM111
S3977	0.04	10.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h I9STM139
S3978	0.14	15.00	40.00	2.9400	Red_Deer_5yr_Chicago_2h I8STM111
S3982	0.20	16.73	80.00	2.0400	Red_Deer_5yr_Chicago_2h STMH3
S3986	0.06	15.00	40.00	3.6100	Red_Deer_5yr_Chicago_2h J9STM114
S3989	0.05	15.00	40.00	2.9600	Red_Deer_5yr_Chicago_2h H9STM138
S3990	0.06	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S3991	0.41	38.20	80.00	2.6300	Red_Deer_5yr_Chicago_2h CULV5314
S3992	0.05	15.00	40.00	2.5700	Red_Deer_5yr_Chicago_2h I9STM98
S3994	0.13	15.00	40.00	2.8300	Red_Deer_5yr_Chicago_2h I8STM111
S3995	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S4	0.74	15.00	70.00	3.8800	Red_Deer_5yr_Chicago_2h D14STM249
S40	18.27	50.00	40.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S4000	0.06	15.00	40.00	2.8300	Red_Deer_5yr_Chicago_2h I9STM98
S4001	0.07	15.00	40.00	3.0600	Red_Deer_5yr_Chicago_2h J9STM114
S4002	0.06	15.00	40.00	2.7800	Red_Deer_5yr_Chicago_2h J9STM114
S4003	0.06	15.00	40.00	2.9700	Red_Deer_5yr_Chicago_2h J9STM114
S4004	0.06	15.00	40.00	2.6800	Red_Deer_5yr_Chicago_2h J9STM114
S4005	0.06	15.00	40.00	2.7100	Red_Deer_5yr_Chicago_2h J9STM114
S4006	0.04	10.00	50.00	3.1800	Red_Deer_5yr_Chicago_2h I9STM139
S4007	0.14	15.00	40.00	2.8500	Red_Deer_5yr_Chicago_2h I8STM111
S4010	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S4011	0.09	11.34	80.00	2.6400	Red_Deer_5yr_Chicago_2h J35
S4012	0.05	15.00	40.00	2.8000	Red_Deer_5yr_Chicago_2h H9STM138
S4013	0.08	10.00	50.00	2.9200	Red_Deer_5yr_Chicago_2h H9STM138
S4014	0.04	8.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h H9STM138
S4015	0.04	8.00	50.00	2.6600	Red_Deer_5yr_Chicago_2h I9STM139
S4016	0.04	8.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h I9STM139
S4017	0.04	8.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h I9STM139
S4018	0.04	8.00	50.00	3.0100	Red_Deer_5yr_Chicago_2h I9STM139
S4019	0.04	8.00	50.00	3.3000	Red_Deer_5yr_Chicago_2h I9STM139
S4020	0.05	10.00	50.00	3.7400	Red_Deer_5yr_Chicago_2h I9STM139
S4024	0.09	15.00	40.00	2.4100	Red_Deer_5yr_Chicago_2h I8STM111
S4025	0.05	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S4026	0.09	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S4027	0.07	15.00	40.00	2.7700	Red_Deer_5yr_Chicago_2h J9STM114
S4029	0.51	42.83	80.00	2.0300	Red_Deer_5yr_Chicago_2h CULV5306
S4030	0.36	22.44	80.00	2.7600	Red_Deer_5yr_Chicago_2h J356

S4031	1.58	63.42	80.00	7.4300	Red_Deer_5yr_Chicago_2h CULV5415
S4033	0.05	15.00	40.00	2.7300	Red_Deer_5yr_Chicago_2h H9STM138
S4034	0.42	26.87	80.00	3.2300	Red_Deer_5yr_Chicago_2h CULV5397
S4037	0.42	38.89	80.00	4.1400	Red_Deer_5yr_Chicago_2h CULV5260
S4038	0.04	10.00	50.00	3.2800	Red_Deer_5yr_Chicago_2h I9STM139
S4039_1	3.61	95.00	70.00	3.7100	Red_Deer_5yr_Chicago_2h J9STM1871
S4039_2	2.80	95.00	70.00	3.8100	Red_Deer_5yr_Chicago_2h J10STM1876
S4040	0.06	9.21	80.00	2.7900	Red_Deer_5yr_Chicago_2h J35
S4042	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S4043	0.06	15.00	40.00	3.4000	Red_Deer_5yr_Chicago_2h I8STM99
S4045	0.06	15.00	40.00	3.1700	Red_Deer_5yr_Chicago_2h I8STM99
S4050	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S4052	0.07	15.00	40.00	2.4300	Red_Deer_5yr_Chicago_2h I8STM111
S4053	0.06	9.21	80.00	2.1800	Red_Deer_5yr_Chicago_2h J35
S4058	0.05	15.00	40.00	2.8900	Red_Deer_5yr_Chicago_2h H9STM138
S4061	0.09	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S4062	0.02	8.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S4063	0.13	15.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S4064	0.10	15.00	40.00	3.2800	Red_Deer_5yr_Chicago_2h I8STM111
S4065	0.05	15.00	40.00	3.8200	Red_Deer_5yr_Chicago_2h I8STM99
S4066	0.06	9.21	80.00	2.2700	Red_Deer_5yr_Chicago_2h J35
S4068	0.06	15.00	40.00	3.1900	Red_Deer_5yr_Chicago_2h I8STM99
S4069	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S4072	0.91	57.12	80.00	3.5000	Red_Deer_5yr_Chicago_2h CULV5385
S4073	1.13	63.76	80.00	2.9700	Red_Deer_5yr_Chicago_2h CULV5385
S4074	0.54	44.12	80.00	2.7500	Red_Deer_5yr_Chicago_2h CULV5307
S4078	0.07	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S4079	0.06	15.00	40.00	2.4000	Red_Deer_5yr_Chicago_2h I8STM111
S4081	0.05	15.00	40.00	2.6200	Red_Deer_5yr_Chicago_2h H9STM138
S4084	0.06	9.21	80.00	2.5600	Red_Deer_5yr_Chicago_2h J35
S4088	0.05	15.00	40.00	2.8900	Red_Deer_5yr_Chicago_2h H9STM138
S4089	0.07	15.00	40.00	3.0300	Red_Deer_5yr_Chicago_2h J9STM114
S4093	0.06	15.00	40.00	2.8100	Red_Deer_5yr_Chicago_2h I8STM99
S4094	0.05	15.00	40.00	2.6500	Red_Deer_5yr_Chicago_2h I8STM99
S4096	0.06	9.21	80.00	2.2800	Red_Deer_5yr_Chicago_2h J34
S4097	0.41	38.59	80.00	2.8000	Red_Deer_5yr_Chicago_2h CULV5306
S4098	0.08	15.00	40.00	3.2200	Red_Deer_5yr_Chicago_2h I8STM111
S4099	0.51	42.81	80.00	2.3500	Red_Deer_5yr_Chicago_2h CULV5315
S41	66.37	395.99	5.00	5.5100	Red_Deer_5yr_Chicago_2h Norell_Business_Park
S4101	0.41	38.21	80.00	3.0500	Red_Deer_5yr_Chicago_2h CULV5314
S4105	0.05	10.00	50.00	3.2300	Red_Deer_5yr_Chicago_2h I9STM139
S4108	0.05	15.00	40.00	3.0600	Red_Deer_5yr_Chicago_2h H9STM138
S4110	0.08	15.00	40.00	3.5400	Red_Deer_5yr_Chicago_2h I8STM111
S4111	0.09	15.00	40.00	3.4500	Red_Deer_5yr_Chicago_2h I8STM111
S4112	0.41	26.41	80.00	3.5500	Red_Deer_5yr_Chicago_2h CULV5397
S4113	0.06	15.00	40.00	3.4200	Red_Deer_5yr_Chicago_2h J9STM114
S4114	0.09	15.00	40.00	3.0300	Red_Deer_5yr_Chicago_2h J9STM114
S4115	0.06	15.00	40.00	2.9900	Red_Deer_5yr_Chicago_2h J9STM114
S4116	0.06	15.00	40.00	3.4700	Red_Deer_5yr_Chicago_2h J9STM114
S4117	0.06	15.00	40.00	3.2400	Red_Deer_5yr_Chicago_2h J9STM114
S4118	0.06	15.00	40.00	2.6400	Red_Deer_5yr_Chicago_2h J9STM114
S4120	0.42	38.75	80.00	2.8600	Red_Deer_5yr_Chicago_2h CULV5260
S4121	0.08	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S4122	0.06	9.21	80.00	2.1700	Red_Deer_5yr_Chicago_2h J34
S4123	0.07	10.00	50.00	2.1900	Red_Deer_5yr_Chicago_2h I9STM139
S4124	0.08	10.00	50.00	3.4300	Red_Deer_5yr_Chicago_2h H9STM138
S4125	0.04	8.00	50.00	2.6100	Red_Deer_5yr_Chicago_2h H9STM138
S4126	0.04	8.00	50.00	2.3800	Red_Deer_5yr_Chicago_2h I9STM139
S4127	0.04	8.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h I9STM139
S4128	0.04	8.00	50.00	3.4500	Red_Deer_5yr_Chicago_2h I9STM139
S4129	0.04	8.00	50.00	2.7200	Red_Deer_5yr_Chicago_2h I9STM139
S4130	0.04	8.00	50.00	3.6500	Red_Deer_5yr_Chicago_2h I9STM139
S4131	0.05	10.00	50.00	3.6500	Red_Deer_5yr_Chicago_2h I9STM139
S4132	0.05	15.00	40.00	2.9700	Red_Deer_5yr_Chicago_2h H9STM138
S4138	0.06	15.00	40.00	3.5000	Red_Deer_5yr_Chicago_2h I8STM99
S4140	0.06	15.00	40.00	3.6900	Red_Deer_5yr_Chicago_2h I8STM99
S4141	0.08	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S4143	0.06	9.21	80.00	2.1800	Red_Deer_5yr_Chicago_2h J34
S4146	0.15	14.64	80.00	2.5000	Red_Deer_5yr_Chicago_2h J354
S4148	0.20	27.11	80.00	2.5900	Red_Deer_5yr_Chicago_2h CULV5307
S4149	0.59	46.27	80.00	5.3400	Red_Deer_5yr_Chicago_2h J42
S4150	0.06	10.00	50.00	2.6200	Red_Deer_5yr_Chicago_2h I8STM141
S4151	0.05	15.00	40.00	3.0500	Red_Deer_5yr_Chicago_2h H8STM137
S4157	0.05	15.00	40.00	2.5600	Red_Deer_5yr_Chicago_2h H9STM138

S4158	0.06	9.21	80.00	1.4900	Red_Deer_5yr_Chicago_2h J34
S4159	0.06	15.00	40.00	3.4900	Red_Deer_5yr_Chicago_2h I8STM99
S4161	0.05	15.00	40.00	3.0200	Red_Deer_5yr_Chicago_2h I8STM99
S4166	0.06	10.00	50.00	2.6900	Red_Deer_5yr_Chicago_2h I8STM141
S4167	0.05	15.00	40.00	2.5900	Red_Deer_5yr_Chicago_2h H8STM137
S4169	0.06	15.00	40.00	3.3500	Red_Deer_5yr_Chicago_2h I8STM100
S4174	0.05	8.48	80.00	2.1800	Red_Deer_5yr_Chicago_2h J34
S4176	0.05	15.00	40.00	2.8500	Red_Deer_5yr_Chicago_2h H9STM138
S4178	0.06	10.00	50.00	2.7000	Red_Deer_5yr_Chicago_2h I8STM141
S4179	0.06	15.00	40.00	3.0400	Red_Deer_5yr_Chicago_2h I8STM100
S4182	0.09	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S4184	0.05	15.00	40.00	2.7600	Red_Deer_5yr_Chicago_2h I8STM142
S4185	0.20	14.96	80.00	2.2900	Red_Deer_5yr_Chicago_2h CULV5397
S4186	0.06	15.00	40.00	3.4100	Red_Deer_5yr_Chicago_2h I8STM100
S4189	0.07	15.00	40.00	2.5700	Red_Deer_5yr_Chicago_2h J8STM112
S4190	0.06	15.00	40.00	3.0400	Red_Deer_5yr_Chicago_2h J8STM112
S4191	0.06	15.00	40.00	2.2600	Red_Deer_5yr_Chicago_2h J8STM112
S4192	0.06	15.00	40.00	2.0500	Red_Deer_5yr_Chicago_2h J8STM112
S4193	0.06	15.00	40.00	2.5500	Red_Deer_5yr_Chicago_2h J8STM112
S4194	0.06	15.00	40.00	2.8600	Red_Deer_5yr_Chicago_2h J8STM112
S4195	1.19	69.28	80.00	2.4200	Red_Deer_5yr_Chicago_2h J8STM117
S4196	0.06	15.00	40.00	2.1100	Red_Deer_5yr_Chicago_2h I8STM104
S4199	0.07	15.00	40.00	3.7300	Red_Deer_5yr_Chicago_2h I8STM104
S42	0.60	15.00	40.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S4200	0.07	15.00	40.00	2.7900	Red_Deer_5yr_Chicago_2h I8STM111
S4201	0.05	15.00	40.00	2.5400	Red_Deer_5yr_Chicago_2h H8STM137
S4202	0.07	10.00	50.00	2.6200	Red_Deer_5yr_Chicago_2h H8STM137
S4203	0.05	10.00	50.00	2.5100	Red_Deer_5yr_Chicago_2h H8STM137
S4204	0.04	10.00	50.00	2.3500	Red_Deer_5yr_Chicago_2h I8STM140
S4205	0.04	10.00	50.00	3.3600	Red_Deer_5yr_Chicago_2h I8STM140
S4206	0.05	10.00	50.00	2.6300	Red_Deer_5yr_Chicago_2h I8STM140
S4207	0.05	10.00	50.00	2.7400	Red_Deer_5yr_Chicago_2h I8STM140
S4209	0.41	14.42	80.00	2.5600	Red_Deer_5yr_Chicago_2h CULV5259
S4210	0.43	39.25	80.00	2.7200	Red_Deer_5yr_Chicago_2h CULV5260
S4211	0.41	38.50	80.00	2.1900	Red_Deer_5yr_Chicago_2h CULV5263
S4212	0.41	38.34	80.00	3.4900	Red_Deer_5yr_Chicago_2h CULV5263
S4213	0.41	38.34	80.00	2.5400	Red_Deer_5yr_Chicago_2h CULV5307
S4214	0.20	27.11	80.00	2.5600	Red_Deer_5yr_Chicago_2h CULV5307
S4215	0.41	38.20	80.00	2.6900	Red_Deer_5yr_Chicago_2h CULV5306
S4216	0.04	15.00	40.00	2.7100	Red_Deer_5yr_Chicago_2h I8STM142
S4217	0.41	38.19	80.00	2.2300	Red_Deer_5yr_Chicago_2h CULV5315
S4218	0.41	38.24	80.00	2.5600	Red_Deer_5yr_Chicago_2h CULV5314
S4221	0.09	11.01	80.00	2.5600	Red_Deer_5yr_Chicago_2h J46
S4222	0.05	15.00	40.00	3.2900	Red_Deer_5yr_Chicago_2h H9STM138
S4224	0.07	15.96	30.00	2.7100	Red_Deer_5yr_Chicago_2h I8STM140
S4227	0.10	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S4228	0.13	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S4230	0.12	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S4232	0.07	16.27	30.00	2.0600	Red_Deer_5yr_Chicago_2h I8STM142
S4234	0.06	15.00	40.00	2.1900	Red_Deer_5yr_Chicago_2h I8STM142
S4235	0.09	11.01	80.00	2.4100	Red_Deer_5yr_Chicago_2h J46
S4239	0.06	15.00	40.00	2.8200	Red_Deer_5yr_Chicago_2h I8STM99
S4248	0.07	15.00	40.00	2.6500	Red_Deer_5yr_Chicago_2h H8STM137
S4250	0.06	10.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h I8STM141
S4251	0.06	15.00	40.00	2.6400	Red_Deer_5yr_Chicago_2h I8STM100
S4253	0.05	15.00	40.00	2.4100	Red_Deer_5yr_Chicago_2h H8STM137
S4260	0.06	15.00	40.00	2.8400	Red_Deer_5yr_Chicago_2h I8STM100
S4265	0.06	15.00	40.00	3.0600	Red_Deer_5yr_Chicago_2h I8STM100
S4266	0.07	15.00	40.00	3.2500	Red_Deer_5yr_Chicago_2h H8STM136
S4267	0.05	15.00	40.00	2.9700	Red_Deer_5yr_Chicago_2h H8STM136
S4271	0.06	15.00	40.00	2.6500	Red_Deer_5yr_Chicago_2h I8STM100
S4272	0.06	10.00	50.00	3.2400	Red_Deer_5yr_Chicago_2h I8STM141
S4273	0.05	10.00	50.00	2.7800	Red_Deer_5yr_Chicago_2h H8STM136
S4274	0.05	10.00	50.00	2.3100	Red_Deer_5yr_Chicago_2h I8STM140
S4275	0.04	10.00	50.00	2.6300	Red_Deer_5yr_Chicago_2h I8STM140
S4276	0.04	10.00	50.00	2.5700	Red_Deer_5yr_Chicago_2h I8STM140
S4277	0.05	10.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h I8STM140
S4278	0.05	10.00	50.00	3.1400	Red_Deer_5yr_Chicago_2h I8STM140
S4279	0.05	10.00	50.00	2.4900	Red_Deer_5yr_Chicago_2h I8STM140
S4280	0.06	15.00	40.00	2.9400	Red_Deer_5yr_Chicago_2h I8STM100
S4282	0.06	15.00	40.00	3.1500	Red_Deer_5yr_Chicago_2h I8STM104
S4283	0.06	15.00	40.00	3.1100	Red_Deer_5yr_Chicago_2h I8STM104
S4284	0.06	15.00	40.00	2.3300	Red_Deer_5yr_Chicago_2h I8STM104
S4285	0.06	15.00	40.00	2.5900	Red_Deer_5yr_Chicago_2h J8STM112
S4286	0.06	15.00	40.00	2.9400	Red_Deer_5yr_Chicago_2h J8STM112

S4287	0.06	15.00	40.00	2.6800	Red_Deer_5yr_Chicago_2h J8STM112
S4288	0.06	15.00	40.00	2.2400	Red_Deer_5yr_Chicago_2h J8STM112
S4289	0.07	15.00	40.00	2.2000	Red_Deer_5yr_Chicago_2h J8STM112
S4290	0.06	15.00	40.00	2.9100	Red_Deer_5yr_Chicago_2h I8STM102
S4295	0.10	15.00	40.00	2.7700	Red_Deer_5yr_Chicago_2h I8STM103
S4298	0.07	15.00	40.00	2.7300	Red_Deer_5yr_Chicago_2h I8STM152
S4299	0.06	15.00	40.00	2.3400	Red_Deer_5yr_Chicago_2h I8STM103
S43	0.60	15.00	40.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S4301	0.06	15.00	40.00	2.9200	Red_Deer_5yr_Chicago_2h H8STM136
S4302	0.06	10.00	50.00	2.9900	Red_Deer_5yr_Chicago_2h I8STM151
S4303	0.06	10.00	50.00	3.2700	Red_Deer_5yr_Chicago_2h I8STM151
S4307	0.05	15.00	40.00	3.0500	Red_Deer_5yr_Chicago_2h H8STM136
S4308	0.07	15.00	40.00	3.4100	Red_Deer_5yr_Chicago_2h I8STM152
S4309	0.06	10.00	50.00	3.5100	Red_Deer_5yr_Chicago_2h I8STM102
S4313	0.07	10.00	50.00	3.0100	Red_Deer_5yr_Chicago_2h I8STM102
S4316	0.28	31.47	80.00	2.0100	Red_Deer_5yr_Chicago_2h CULV5252
S4317	0.07	15.00	40.00	2.5700	Red_Deer_5yr_Chicago_2h I8STM103
S4322	0.05	10.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h I8STM102
S4324	0.09	15.00	40.00	2.8600	Red_Deer_5yr_Chicago_2h I8STM103
S4325	0.06	15.00	40.00	3.0300	Red_Deer_5yr_Chicago_2h H8STM136
S4329	0.07	15.00	40.00	3.0900	Red_Deer_5yr_Chicago_2h H8STM136
S433	0.09	15.00	40.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S4330	0.05	10.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h I8STM102
S4332	0.04	10.00	50.00	3.6200	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4334	0.11	15.00	40.00	3.1400	Red_Deer_5yr_Chicago_2h I8STM152
S4335	0.06	10.00	50.00	3.3500	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4336	0.10	15.00	40.00	2.5100	Red_Deer_5yr_Chicago_2h I8STM103
S4338	0.04	10.00	50.00	3.3000	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4340	0.06	15.00	40.00	2.8800	Red_Deer_5yr_Chicago_2h H8STM135
S4341	0.04	10.00	50.00	3.3800	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4342	0.04	10.00	50.00	2.5400	Red_Deer_5yr_Chicago_2h J8STM120
S4343	0.04	10.00	50.00	2.3200	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4344	0.04	10.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4345	0.04	10.00	50.00	3.3300	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4346	0.06	15.00	40.00	2.3000	Red_Deer_5yr_Chicago_2h H8STM135
S4347	0.05	10.00	50.00	3.2000	Red_Deer_5yr_Chicago_2h I8STM102
S4348	0.06	15.00	40.00	3.1300	Red_Deer_5yr_Chicago_2h H8STM135
S4352	0.13	21.53	80.00	2.3900	Red_Deer_5yr_Chicago_2h CULV5252
S4353	0.40	38.17	80.00	2.7100	Red_Deer_5yr_Chicago_2h CULV5260
S4354	0.40	38.17	80.00	2.6800	Red_Deer_5yr_Chicago_2h CULV5262
S4355	0.07	10.00	50.00	4.0200	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4356	0.07	15.00	40.00	2.3100	Red_Deer_5yr_Chicago_2h I8STM130
S4357	0.40	38.12	80.00	3.4800	Red_Deer_5yr_Chicago_2h CULV5263
S4358	0.81	53.98	80.00	2.5100	Red_Deer_5yr_Chicago_2h CULV5263
S4359	0.40	38.16	90.00	3.0600	Red_Deer_5yr_Chicago_2h CULV5307
S4360	0.40	38.17	90.00	2.7500	Red_Deer_5yr_Chicago_2h CULV5307
S4361	0.40	38.17	90.00	2.3100	Red_Deer_5yr_Chicago_2h CULV5306
S4362	0.40	37.95	90.00	2.3100	Red_Deer_5yr_Chicago_2h CULV5306
S4363	0.40	37.95	90.00	2.9200	Red_Deer_5yr_Chicago_2h CULV5315
S4364	0.40	38.00	90.00	3.0200	Red_Deer_5yr_Chicago_2h CULV5314
S4365	0.40	38.02	80.00	2.6700	Red_Deer_5yr_Chicago_2h CULV5314
S4367	0.06	15.00	40.00	2.9800	Red_Deer_5yr_Chicago_2h H8STM135
S4368	0.06	15.00	40.00	2.5400	Red_Deer_5yr_Chicago_2h H8STM135
S4369	0.05	10.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h I8STM102
S4371	1.20	95.00	70.00	2.4700	Red_Deer_5yr_Chicago_2h HPMH48
S4374	0.07	15.00	40.00	2.6800	Red_Deer_5yr_Chicago_2h H8STM136
S4375	0.07	15.00	40.00	2.8800	Red_Deer_5yr_Chicago_2h I8STM130
S4381	0.07	15.00	40.00	3.1100	Red_Deer_5yr_Chicago_2h I8STM152
S4384	0.47	41.24	80.00	3.8900	Red_Deer_5yr_Chicago_2h OF1
S4387	0.06	15.00	40.00	3.0800	Red_Deer_5yr_Chicago_2h I8STM130
S4390	0.05	10.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h I8STM102
S4393	0.05	10.00	50.00	3.4900	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4396	0.08	15.00	40.00	2.3300	Red_Deer_5yr_Chicago_2h I8STM152
S4398	0.05	10.00	50.00	2.6800	Red_Deer_5yr_Chicago_2h I8STM128
S4399	0.06	15.00	40.00	2.4700	Red_Deer_5yr_Chicago_2h H8STM135
S44	0.46	10.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h J479
S4404	0.06	15.00	40.00	2.6700	Red_Deer_5yr_Chicago_2h I8STM152
S4405	0.06	15.00	40.00	2.5600	Red_Deer_5yr_Chicago_2h I8STM130
S4408	0.08	15.00	40.00	2.6700	Red_Deer_5yr_Chicago_2h H8STM135
S4414	0.05	10.00	50.00	2.7600	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4416	0.06	15.00	40.00	2.8000	Red_Deer_5yr_Chicago_2h I8STM130
S4418	0.09	15.00	40.00	2.7300	Red_Deer_5yr_Chicago_2h H8STM135
S4419	0.05	10.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h I8STM128
S4420	0.09	11.49	80.00	4.2200	Red_Deer_5yr_Chicago_2h J52
S4423	1.86	68.13	5.00	0.7800	Red_Deer_5yr_Chicago_2h J358_ADD

S4425	0.06	10.00	50.00	3.4800	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4426	0.06	15.00	40.00	3.0700	Red_Deer_5yr_Chicago_2h I8STM130
S4428	0.09	15.00	40.00	3.0400	Red_Deer_5yr_Chicago_2h I8STM152
S4467	0.05	10.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4468	0.04	10.00	50.00	2.8000	Red_Deer_5yr_Chicago_2h J8STM120
S4469	0.04	10.00	50.00	2.9000	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4470	0.04	10.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4471	0.04	10.00	50.00	2.9500	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4472	0.03	10.00	50.00	3.4200	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4473	0.04	10.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4474	0.04	10.00	50.00	2.8700	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4475	0.06	10.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4477	0.05	15.00	40.00	2.9000	Red_Deer_5yr_Chicago_2h H8STM135
S4480	0.70	95.00	70.00	2.9700	Red_Deer_5yr_Chicago_2h J8STM120
S4481	0.05	15.00	40.00	3.0000	Red_Deer_5yr_Chicago_2h H8STM135
S4483	0.05	10.00	50.00	2.9800	Red_Deer_5yr_Chicago_2h I8STM128
S4485	0.05	15.00	40.00	3.1200	Red_Deer_5yr_Chicago_2h I8STM130
S4489	0.07	15.00	40.00	2.4300	Red_Deer_5yr_Chicago_2h I8STM152
S4492	0.08	15.00	40.00	2.7900	Red_Deer_5yr_Chicago_2h H8STM135
S4493	0.06	15.00	40.00	2.9700	Red_Deer_5yr_Chicago_2h I8STM130
S4495	0.06	15.00	40.00	2.4300	Red_Deer_5yr_Chicago_2h H8STM135
S45	0.69	11.83	80.00	3.5300	Red_Deer_5yr_Chicago_2h J354
S4502	0.06	15.00	40.00	2.8800	Red_Deer_5yr_Chicago_2h I8STM152
S4503	0.05	10.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4505	0.04	10.00	50.00	2.6600	Red_Deer_5yr_Chicago_2h I8STM128
S4506	0.04	10.00	50.00	3.9700	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4507	0.06	15.00	40.00	2.7700	Red_Deer_5yr_Chicago_2h H8STM135
S4511	0.06	15.00	40.00	2.6200	Red_Deer_5yr_Chicago_2h I8STM152
S4512	0.06	15.00	40.00	2.4200	Red_Deer_5yr_Chicago_2h I8STM130
S4514	0.06	15.00	40.00	3.1800	Red_Deer_5yr_Chicago_2h H8STM135
S4517	0.04	10.00	50.00	2.8000	Red_Deer_5yr_Chicago_2h I8STM128
S4521	0.06	15.00	40.00	3.0700	Red_Deer_5yr_Chicago_2h I8STM152
S4524	0.05	10.00	50.00	2.9700	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4526	0.04	10.00	50.00	3.2300	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4527	0.06	15.00	40.00	2.1200	Red_Deer_5yr_Chicago_2h I8STM130
S4529	0.05	10.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h I7STM128
S4531	0.06	15.00	40.00	2.8800	Red_Deer_5yr_Chicago_2h I8STM152
S4532	0.06	15.00	40.00	2.8300	Red_Deer_5yr_Chicago_2h H8STM134
S4536	0.10	15.00	40.00	3.5700	Red_Deer_5yr_Chicago_2h H8STM134
S4540	0.04	10.00	50.00	2.5300	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4542	0.04	10.00	50.00	3.0700	Red_Deer_5yr_Chicago_2h I7STM128
S4543	0.05	10.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4546	0.07	10.00	50.00	3.1900	Red_Deer_5yr_Chicago_2h J7STM122
S4547	0.05	10.00	50.00	2.6800	Red_Deer_5yr_Chicago_2h J7STM122
S4549	0.04	10.00	50.00	2.7300	Red_Deer_5yr_Chicago_2h J7STM122
S4552	0.05	15.00	40.00	2.8100	Red_Deer_5yr_Chicago_2h H8STM134
S4553	0.04	10.00	50.00	3.3000	Red_Deer_5yr_Chicago_2h J7STM122
S4554	0.04	10.00	50.00	4.1300	Red_Deer_5yr_Chicago_2h J7STM122
S4555	0.05	10.00	50.00	3.1000	Red_Deer_5yr_Chicago_2h J7STM122
S4556	0.05	10.00	50.00	3.4000	Red_Deer_5yr_Chicago_2h J7STM122
S4558	0.04	10.00	50.00	2.2700	Red_Deer_5yr_Chicago_2h I7STM128
S4559	0.05	10.00	50.00	3.6700	Red_Deer_5yr_Chicago_2h J7STM122
S4560	0.04	10.00	50.00	3.3600	Red_Deer_5yr_Chicago_2h J7STM122
S4561	0.04	10.00	50.00	2.6700	Red_Deer_5yr_Chicago_2h J7STM122
S4562	0.04	10.00	50.00	2.6800	Red_Deer_5yr_Chicago_2h J7STM122
S4563	0.07	15.00	40.00	3.4800	Red_Deer_5yr_Chicago_2h H7STM133
S4596	0.99	37.29	80.00	2.4300	Red_Deer_5yr_Chicago_2h STMH6
S4598	0.04	10.00	50.00	2.3900	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4599	0.04	10.00	50.00	2.3300	Red_Deer_5yr_Chicago_2h I7STM128
S46	0.40	9.76	80.00	3.3000	Red_Deer_5yr_Chicago_2h J374
S4600	0.10	10.00	50.00	4.2900	Red_Deer_5yr_Chicago_2h J7STM122
S4603	0.05	10.00	50.00	2.6200	Red_Deer_5yr_Chicago_2h I8STM128
S4606	0.06	15.00	40.00	2.8800	Red_Deer_5yr_Chicago_2h I8STM132
S4607	0.05	15.00	40.00	3.2600	Red_Deer_5yr_Chicago_2h H8STM134
S4609	0.08	15.00	40.00	2.3300	Red_Deer_5yr_Chicago_2h H7STM133
S4614	0.04	10.00	50.00	2.3200	Red_Deer_5yr_Chicago_2h I7STM128
S4620	0.06	10.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h I7STM129
S4621	0.04	10.00	50.00	2.6600	Red_Deer_5yr_Chicago_2h J7STM122
S4623	0.07	10.13	80.00	3.7700	Red_Deer_5yr_Chicago_2h G7STM261
S4626	0.05	15.00	40.00	2.9000	Red_Deer_5yr_Chicago_2h I8STM130
S4627	0.05	10.00	50.00	2.6900	Red_Deer_5yr_Chicago_2h I8STM128
S4628	0.05	15.00	40.00	2.8300	Red_Deer_5yr_Chicago_2h HPMH44_ADD
S4632	0.05	10.00	50.00	3.4800	Red_Deer_5yr_Chicago_2h J7STM122
S4637	0.07	10.07	80.00	4.4700	Red_Deer_5yr_Chicago_2h G7STM261
S4641	0.06	15.00	40.00	3.2100	Red_Deer_5yr_Chicago_2h HPMH44_ADD

S4642	0.04	10.00	50.00	2.5800	Red_Deer_5yr_Chicago_2h J7STM109
S4643	0.05	15.00	40.00	2.4000	Red_Deer_5yr_Chicago_2h I8STM130
S4646	0.06	10.00	50.00	2.6800	Red_Deer_5yr_Chicago_2h I7STM128
S4652	0.87	10.00	50.00	5.6400	Red_Deer_5yr_Chicago_2h Hewlett_Park
S4654	0.05	15.00	40.00	2.5900	Red_Deer_5yr_Chicago_2h H7STM133
S4655	0.04	10.00	50.00	2.6800	Red_Deer_5yr_Chicago_2h J7STM109
S4674	0.05	15.00	40.00	2.6100	Red_Deer_5yr_Chicago_2h H7STM133
S4675	0.05	10.00	50.00	2.7100	Red_Deer_5yr_Chicago_2h I7STM125
S47	1.04	75.00	70.00	3.7100	Red_Deer_5yr_Chicago_2h I11STM154
S4700	0.04	10.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h I7STM125
S4701	0.06	10.00	50.00	2.4100	Red_Deer_5yr_Chicago_2h I7STM128
S4706	0.04	10.00	50.00	2.7700	Red_Deer_5yr_Chicago_2h I7STM125
S4707	0.04	10.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h J7STM109
S4708	0.04	10.00	50.00	2.5900	Red_Deer_5yr_Chicago_2h J7STM122
S4710	0.04	10.00	50.00	2.5000	Red_Deer_5yr_Chicago_2h J7STM122
S4711	0.04	10.00	50.00	3.1000	Red_Deer_5yr_Chicago_2h I7STM125
S4712	0.04	10.00	50.00	2.4400	Red_Deer_5yr_Chicago_2h J7STM122
S4713	0.05	10.00	50.00	1.9200	Red_Deer_5yr_Chicago_2h I7STM128
S4714	0.04	10.00	50.00	2.2600	Red_Deer_5yr_Chicago_2h J7STM122
S4716	0.04	10.00	50.00	2.8500	Red_Deer_5yr_Chicago_2h I7STM125
S4718	0.04	10.00	50.00	2.6700	Red_Deer_5yr_Chicago_2h J7STM122
S4720	0.04	10.00	50.00	2.8000	Red_Deer_5yr_Chicago_2h J7STM122
S4722	0.04	10.00	50.00	2.8500	Red_Deer_5yr_Chicago_2h I7STM125
S4723	0.04	10.00	50.00	2.2900	Red_Deer_5yr_Chicago_2h J7STM122
S4725	0.04	10.00	50.00	3.0700	Red_Deer_5yr_Chicago_2h J7STM122
S4730	0.04	10.00	50.00	2.7900	Red_Deer_5yr_Chicago_2h I7STM125
S4731	0.04	10.00	50.00	3.0700	Red_Deer_5yr_Chicago_2h J7STM122
S4732	0.05	10.00	50.00	2.1400	Red_Deer_5yr_Chicago_2h I7STM129
S4734	0.08	10.00	50.00	3.4000	Red_Deer_5yr_Chicago_2h J7STM122
S4735	0.04	10.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h J7STM122
S4736	0.04	10.00	50.00	2.5200	Red_Deer_5yr_Chicago_2h J7STM110
S4740	0.04	10.00	50.00	2.9200	Red_Deer_5yr_Chicago_2h J7STM123
S4741	0.06	10.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h J7STM122
S4742	0.04	10.00	50.00	2.7000	Red_Deer_5yr_Chicago_2h J7STM110
S4745	0.05	10.00	50.00	2.1400	Red_Deer_5yr_Chicago_2h I7STM129
S4746	0.04	10.00	50.00	2.0900	Red_Deer_5yr_Chicago_2h J7STM110
S4747	0.12	10.00	50.00	3.1500	Red_Deer_5yr_Chicago_2h J7STM122
S4748	0.07	10.08	80.00	4.1100	Red_Deer_5yr_Chicago_2h J389
S4751	0.04	10.00	50.00	2.3900	Red_Deer_5yr_Chicago_2h J7STM109
S4755	0.04	10.00	50.00	2.9300	Red_Deer_5yr_Chicago_2h J7STM109
S4757	0.04	10.00	50.00	3.1800	Red_Deer_5yr_Chicago_2h I7STM129
S4760	0.05	10.00	50.00	2.6400	Red_Deer_5yr_Chicago_2h J7STM109
S4761	0.04	10.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h J7STM123
S4765	0.07	10.06	80.00	3.5700	Red_Deer_5yr_Chicago_2h J389
S4766	0.05	10.00	50.00	2.5000	Red_Deer_5yr_Chicago_2h I7STM129
S4774	0.11	10.00	50.00	2.3200	Red_Deer_5yr_Chicago_2h I7STM125
S4775	0.04	10.00	50.00	3.1000	Red_Deer_5yr_Chicago_2h J7STM110
S4776	0.07	10.09	80.00	3.5900	Red_Deer_5yr_Chicago_2h J389
S4779	0.05	10.00	50.00	1.9000	Red_Deer_5yr_Chicago_2h I7STM125
S4783	0.05	10.00	50.00	1.8600	Red_Deer_5yr_Chicago_2h I7STM125
S4786	0.05	10.00	50.00	2.6500	Red_Deer_5yr_Chicago_2h HPMH9
S4793	0.07	10.07	80.00	2.9000	Red_Deer_5yr_Chicago_2h J389
S4794	0.04	10.00	50.00	3.0800	Red_Deer_5yr_Chicago_2h HPMH9
S4797	0.04	10.00	50.00	1.9000	Red_Deer_5yr_Chicago_2h I7STM125
S4798	0.04	10.00	50.00	3.0800	Red_Deer_5yr_Chicago_2h HPMH9
S48	0.13	20.00	65.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S4801	0.04	10.00	50.00	2.8200	Red_Deer_5yr_Chicago_2h I7STM125
S4802	0.04	10.00	50.00	2.9900	Red_Deer_5yr_Chicago_2h HPMH9
S4808	0.04	10.00	50.00	2.4900	Red_Deer_5yr_Chicago_2h HPMH9
S4810	0.04	10.00	50.00	2.3400	Red_Deer_5yr_Chicago_2h I7STM125
S4820	0.04	10.00	50.00	2.6400	Red_Deer_5yr_Chicago_2h HPMH9
S4831	0.07	10.08	80.00	2.6500	Red_Deer_5yr_Chicago_2h J389
S4832	0.04	10.00	50.00	2.8600	Red_Deer_5yr_Chicago_2h I7STM125
S4842	0.04	10.00	50.00	2.3600	Red_Deer_5yr_Chicago_2h HPMH9
S4844	0.04	10.00	50.00	3.0100	Red_Deer_5yr_Chicago_2h I7STM125
S4845	0.05	10.00	50.00	2.4200	Red_Deer_5yr_Chicago_2h HPMH9
S4847	0.04	10.00	50.00	3.1000	Red_Deer_5yr_Chicago_2h I7STM125
S4848	0.04	10.00	50.00	1.7800	Red_Deer_5yr_Chicago_2h HPMH9
S4851	0.10	10.00	50.00	3.8300	Red_Deer_5yr_Chicago_2h HPMH9
S4852	0.04	10.00	50.00	2.2400	Red_Deer_5yr_Chicago_2h HPMH9
S4853	0.03	6.29	80.00	2.7600	Red_Deer_5yr_Chicago_2h J479
S4854	0.05	10.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h HPMH9
S4855	0.04	10.00	50.00	2.2600	Red_Deer_5yr_Chicago_2h HPMH9
S4856	0.04	10.00	50.00	2.6300	Red_Deer_5yr_Chicago_2h J7STM110
S4860	0.04	10.00	50.00	2.8000	Red_Deer_5yr_Chicago_2h J7STM110

S4864	0.04	10.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h J7STM110
S4866	0.04	10.00	50.00	2.8400	Red_Deer_5yr_Chicago_2h J7STM110
S4869	0.04	10.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h J7STM110
S4871	0.08	10.00	50.00	3.0300	Red_Deer_5yr_Chicago_2h HPMH9
S4873	0.07	10.05	80.00	2.4100	Red_Deer_5yr_Chicago_2h J389
S4874	0.04	10.00	50.00	2.6700	Red_Deer_5yr_Chicago_2h J7STM110
S4876	0.05	10.00	50.00	2.8500	Red_Deer_5yr_Chicago_2h J7STM110
S4885	0.04	10.00	50.00	3.1000	Red_Deer_5yr_Chicago_2h J7STM110
S4887	0.25	30.23	80.00	3.0800	Red_Deer_5yr_Chicago_2h J4
S4888	0.04	10.00	50.00	2.7600	Red_Deer_5yr_Chicago_2h J7STM110
S4890	0.04	10.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h J7STM124
S4895	0.05	10.00	50.00	4.8400	Red_Deer_5yr_Chicago_2h HPMH9
S49	0.38	35.00	40.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S4900	0.04	10.00	50.00	2.1600	Red_Deer_5yr_Chicago_2h HPMH9
S4920	0.04	10.00	50.00	1.9600	Red_Deer_5yr_Chicago_2h HPMH9
S4934	0.04	10.00	50.00	2.8800	Red_Deer_5yr_Chicago_2h HPMH9
S4957	0.04	10.00	50.00	2.8600	Red_Deer_5yr_Chicago_2h HPMH9
S4961	0.04	10.00	50.00	3.2300	Red_Deer_5yr_Chicago_2h HPMH9
S4965	0.04	10.00	50.00	2.3800	Red_Deer_5yr_Chicago_2h HPMH9
S4968	0.04	10.00	50.00	2.5400	Red_Deer_5yr_Chicago_2h HPMH9
S4971	0.04	10.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h HPMH9
S4973	0.04	10.00	50.00	2.9100	Red_Deer_5yr_Chicago_2h HPMH9
S4974	0.25	30.23	80.00	2.6600	Red_Deer_5yr_Chicago_2h HPMH33
S4978	0.04	10.00	50.00	2.3800	Red_Deer_5yr_Chicago_2h HPMH9
S4980	0.04	10.00	50.00	2.8000	Red_Deer_5yr_Chicago_2h HPMH9
S4981	0.04	10.00	50.00	2.8400	Red_Deer_5yr_Chicago_2h HPMH9
S4986	0.04	10.00	50.00	4.8100	Red_Deer_5yr_Chicago_2h HPMH9
S4988	0.08	10.00	50.00	3.4200	Red_Deer_5yr_Chicago_2h HPMH9
S4990	0.06	10.00	50.00	3.3600	Red_Deer_5yr_Chicago_2h HPMH9
S4999	0.12	10.00	50.00	3.4800	Red_Deer_5yr_Chicago_2h HPMH9
S5	0.51	15.00	70.00	3.7000	Red_Deer_5yr_Chicago_2h D14STM244
S50	0.37	34.00	40.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S5005	0.25	30.23	80.00	2.7300	Red_Deer_5yr_Chicago_2h CULV5466
S5008	3.53	93.98	5.00	11.1800	Red_Deer_5yr_Chicago_2h J403
S5070	0.25	29.82	80.00	3.4000	Red_Deer_5yr_Chicago_2h CULV5466
S5096	0.05	8.00	50.00	3.5400	Red_Deer_5yr_Chicago_2h J485
S51	0.37	35.00	40.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S5114	0.05	8.00	50.00	2.8000	Red_Deer_5yr_Chicago_2h J485
S5127	0.05	8.00	50.00	3.4600	Red_Deer_5yr_Chicago_2h J485
S5141	0.05	8.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J485
S5143	0.51	42.84	80.00	5.9900	Red_Deer_5yr_Chicago_2h CULV5466
S5152	0.05	8.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h J482
S5155	0.05	8.00	50.00	3.1400	Red_Deer_5yr_Chicago_2h J485
S5166	0.05	8.00	50.00	2.6600	Red_Deer_5yr_Chicago_2h J482
S5168	5.21	136.91	80.00	2.8900	Red_Deer_5yr_Chicago_2h CULV5210
S5171	0.05	8.00	50.00	3.0600	Red_Deer_5yr_Chicago_2h J480
S5181	0.05	8.00	50.00	2.7000	Red_Deer_5yr_Chicago_2h J482
S5183	0.05	8.00	50.00	2.2400	Red_Deer_5yr_Chicago_2h J480
S5190	0.05	8.00	50.00	3.2800	Red_Deer_5yr_Chicago_2h J482
S5191	0.05	8.00	50.00	2.3100	Red_Deer_5yr_Chicago_2h J480
S52	0.30	10.00	40.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S5209	0.05	8.00	50.00	2.6700	Red_Deer_5yr_Chicago_2h J482
S5211	0.05	8.00	50.00	2.4400	Red_Deer_5yr_Chicago_2h J480
S5227	0.05	8.00	50.00	4.9300	Red_Deer_5yr_Chicago_2h J481
S5229	0.05	8.00	50.00	3.1300	Red_Deer_5yr_Chicago_2h J482
S5232	0.13	10.00	50.00	2.9500	Red_Deer_5yr_Chicago_2h HPMH43
S5233	0.05	8.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h J185
S5235	0.05	8.00	50.00	3.6500	Red_Deer_5yr_Chicago_2h J481
S5236	0.05	8.00	50.00	3.4500	Red_Deer_5yr_Chicago_2h J482
S5239	0.26	30.71	80.00	2.6500	Red_Deer_5yr_Chicago_2h CULV5467
S5240	0.04	8.00	50.00	4.1600	Red_Deer_5yr_Chicago_2h J478
S5242	0.05	8.00	50.00	2.8200	Red_Deer_5yr_Chicago_2h J481
S5250	0.05	8.00	50.00	1.9100	Red_Deer_5yr_Chicago_2h J480
S5253	0.04	8.00	50.00	4.8000	Red_Deer_5yr_Chicago_2h J478
S5259	0.04	8.00	50.00	4.4100	Red_Deer_5yr_Chicago_2h J185
S5261	0.05	8.00	50.00	4.5900	Red_Deer_5yr_Chicago_2h J481
S5265	0.05	8.00	50.00	2.3300	Red_Deer_5yr_Chicago_2h J480
S5270	0.04	8.00	50.00	5.0000	Red_Deer_5yr_Chicago_2h J185
S5272	0.05	8.00	50.00	3.6800	Red_Deer_5yr_Chicago_2h STMH16
S5274	0.05	8.00	50.00	3.0900	Red_Deer_5yr_Chicago_2h J481
S5275	0.22	27.88	80.00	2.8000	Red_Deer_5yr_Chicago_2h CULV5467
S5276	0.05	8.00	50.00	3.0000	Red_Deer_5yr_Chicago_2h J185
S5279	0.04	8.00	50.00	5.4800	Red_Deer_5yr_Chicago_2h J185
S5285	0.05	8.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h STMH16
S5288	0.05	8.00	50.00	4.1200	Red_Deer_5yr_Chicago_2h J481

S5289	0.04	8.00	50.00	6.1000	Red_Deer_5yr_Chicago_2h	J185
S5292	0.22	28.05	90.00	2.7900	Red_Deer_5yr_Chicago_2h	CULV5210
S5293	0.27	30.99	90.00	3.9600	Red_Deer_5yr_Chicago_2h	CULV5210
S5297	0.04	8.00	50.00	6.0100	Red_Deer_5yr_Chicago_2h	J185
S5298	0.05	8.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h	J481
S53	0.30	30.00	40.00	2.2800	Red_Deer_5yr_Chicago_2h	J428
S5304	0.05	8.00	50.00	2.8700	Red_Deer_5yr_Chicago_2h	J482
S5305	0.56	44.74	90.00	4.3400	Red_Deer_5yr_Chicago_2h	J5
S5308	0.04	8.00	50.00	5.5600	Red_Deer_5yr_Chicago_2h	J185
S5309	0.05	8.00	50.00	3.3200	Red_Deer_5yr_Chicago_2h	J481
S5313	0.23	29.03	80.00	2.7700	Red_Deer_5yr_Chicago_2h	CULV5467
S5316	0.05	8.00	50.00	3.2700	Red_Deer_5yr_Chicago_2h	J189
S5318	0.04	8.00	50.00	7.6900	Red_Deer_5yr_Chicago_2h	J188
S5322	0.05	8.00	50.00	2.8500	Red_Deer_5yr_Chicago_2h	J481
S5323	0.04	8.00	50.00	3.4700	Red_Deer_5yr_Chicago_2h	J188
S5327	0.05	8.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h	J189
S5335	0.05	8.00	50.00	4.4900	Red_Deer_5yr_Chicago_2h	STMH16
S5338	0.05	8.00	50.00	3.5200	Red_Deer_5yr_Chicago_2h	J481
S5341	0.05	8.00	50.00	3.8600	Red_Deer_5yr_Chicago_2h	J189
S5343	0.22	28.40	80.00	2.7500	Red_Deer_5yr_Chicago_2h	CULV5210
S5345	0.05	8.00	50.00	3.8300	Red_Deer_5yr_Chicago_2h	STMH16
S5346	0.44	39.83	90.00	3.6200	Red_Deer_5yr_Chicago_2h	CULV5210
S5352	0.05	8.00	50.00	3.6900	Red_Deer_5yr_Chicago_2h	J481
S5357	0.04	8.00	50.00	5.9000	Red_Deer_5yr_Chicago_2h	J189
S5358	0.05	8.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h	STMH16
S5360	0.04	8.00	50.00	5.4900	Red_Deer_5yr_Chicago_2h	J189
S5361	0.05	8.00	50.00	3.1700	Red_Deer_5yr_Chicago_2h	J190
S5369	0.50	42.47	90.00	3.6500	Red_Deer_5yr_Chicago_2h	J5
S5373	0.04	8.00	50.00	5.1800	Red_Deer_5yr_Chicago_2h	J189
S5374	0.05	8.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h	STMH16
S5377	0.05	8.00	50.00	3.4200	Red_Deer_5yr_Chicago_2h	J190
S5380	0.22	28.40	80.00	2.9900	Red_Deer_5yr_Chicago_2h	CULV5210
S5381	0.04	8.00	50.00	7.1100	Red_Deer_5yr_Chicago_2h	J190
S5383	0.05	8.00	50.00	3.3900	Red_Deer_5yr_Chicago_2h	STMH18
S5390	0.05	8.00	50.00	3.1100	Red_Deer_5yr_Chicago_2h	STMH16
S5393	0.05	8.00	50.00	2.9200	Red_Deer_5yr_Chicago_2h	J190
S5394	0.04	8.00	50.00	4.9000	Red_Deer_5yr_Chicago_2h	J190
S5398	0.05	8.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h	STMH18
S5399	0.04	8.00	50.00	5.3300	Red_Deer_5yr_Chicago_2h	J190
S54	0.30	35.00	40.00	2.2800	Red_Deer_5yr_Chicago_2h	J428
S5400	0.05	8.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h	J214
S5410	0.43	39.55	90.00	3.4500	Red_Deer_5yr_Chicago_2h	CULV5207
S5411	0.03	8.00	50.00	3.7600	Red_Deer_5yr_Chicago_2h	J214
S5414	0.04	8.00	50.00	6.4700	Red_Deer_5yr_Chicago_2h	J190
S5415	0.05	8.00	50.00	3.6700	Red_Deer_5yr_Chicago_2h	STMH18
S5421	0.04	8.00	50.00	2.9600	Red_Deer_5yr_Chicago_2h	J214
S5422	0.22	28.40	80.00	3.2100	Red_Deer_5yr_Chicago_2h	CULV5207
S5424	0.04	8.00	50.00	5.4400	Red_Deer_5yr_Chicago_2h	J190
S5430	0.05	8.00	50.00	3.2200	Red_Deer_5yr_Chicago_2h	STMH18
S5431	0.04	8.00	50.00	3.2600	Red_Deer_5yr_Chicago_2h	J214
S5432	0.04	8.00	50.00	5.4800	Red_Deer_5yr_Chicago_2h	J215
S5436	0.05	8.00	50.00	4.8900	Red_Deer_5yr_Chicago_2h	STMH18
S5437	0.04	8.00	50.00	5.2300	Red_Deer_5yr_Chicago_2h	J215
S5440	0.05	8.00	50.00	2.7800	Red_Deer_5yr_Chicago_2h	J214
S5443	0.49	41.86	90.00	4.1000	Red_Deer_5yr_Chicago_2h	J6
S5444_1	0.41	38.55	80.00	2.9300	Red_Deer_5yr_Chicago_2h	HPMH51
S5444_2	0.90	56.98	80.00	2.6900	Red_Deer_5yr_Chicago_2h	HPMH36
S5446	0.05	8.00	50.00	2.6100	Red_Deer_5yr_Chicago_2h	STMH18
S5448	0.05	8.00	50.00	3.6600	Red_Deer_5yr_Chicago_2h	J214
S5450	0.05	8.00	50.00	2.5900	Red_Deer_5yr_Chicago_2h	J214
S5460	0.05	8.00	50.00	2.4900	Red_Deer_5yr_Chicago_2h	STMH18
S5470	0.05	8.00	50.00	2.9800	Red_Deer_5yr_Chicago_2h	J214
S5472	0.04	8.00	50.00	4.8800	Red_Deer_5yr_Chicago_2h	J215
S5473	0.33	34.62	80.00	2.9500	Red_Deer_5yr_Chicago_2h	CULV5207
S5477	0.05	8.00	50.00	3.3100	Red_Deer_5yr_Chicago_2h	STMH18
S5479	0.05	8.00	50.00	4.2400	Red_Deer_5yr_Chicago_2h	J214
S5482	0.04	8.00	50.00	3.7100	Red_Deer_5yr_Chicago_2h	J215
S5488	0.04	8.00	50.00	3.8200	Red_Deer_5yr_Chicago_2h	J214
S5489	0.05	8.00	50.00	3.0600	Red_Deer_5yr_Chicago_2h	STMH18
S5491	0.05	8.00	50.00	2.9200	Red_Deer_5yr_Chicago_2h	J214
S5496	0.04	8.00	50.00	3.6400	Red_Deer_5yr_Chicago_2h	J214
S5497	0.07	10.00	50.00	2.8100	Red_Deer_5yr_Chicago_2h	J22-Stan
S5498	0.05	8.00	50.00	2.7700	Red_Deer_5yr_Chicago_2h	STMH20
S55	0.28	35.00	40.00	2.2800	Red_Deer_5yr_Chicago_2h	J428
S5501	0.05	8.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h	STMH18

S5502	0.05	8.00	50.00	3.2000	Red_Deer_5yr_Chicago_2h J214
S5504	0.04	8.00	50.00	4.1300	Red_Deer_5yr_Chicago_2h J214
S5508	0.05	8.00	50.00	2.9800	Red_Deer_5yr_Chicago_2h STMH20
S5509	0.35	35.54	80.00	2.5100	Red_Deer_5yr_Chicago_2h CULV5467
S5511	0.05	8.00	50.00	3.7200	Red_Deer_5yr_Chicago_2h J212
S5512	0.04	8.00	50.00	4.0700	Red_Deer_5yr_Chicago_2h J214
S5514	0.42	39.04	90.00	3.3700	Red_Deer_5yr_Chicago_2h J6
S5516	0.04	8.00	50.00	4.4500	Red_Deer_5yr_Chicago_2h J214
S5517	0.05	8.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h STMH20
S5529	0.05	8.00	50.00	2.3500	Red_Deer_5yr_Chicago_2h J212
S5533	0.04	8.00	50.00	5.1400	Red_Deer_5yr_Chicago_2h J214
S5542	0.05	8.00	50.00	4.3600	Red_Deer_5yr_Chicago_2h STMH20
S5543	0.05	8.00	50.00	2.5400	Red_Deer_5yr_Chicago_2h J212
S5549	0.05	8.00	50.00	4.4400	Red_Deer_5yr_Chicago_2h STMH20
S5550	0.51	42.92	80.00	2.2900	Red_Deer_5yr_Chicago_2h CULV5207
S5551	0.07	10.00	50.00	3.7500	Red_Deer_5yr_Chicago_2h J213
S5553	0.05	8.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h J212
S5554	0.05	8.00	50.00	3.8000	Red_Deer_5yr_Chicago_2h STMH20
S5566	0.05	8.00	50.00	4.9400	Red_Deer_5yr_Chicago_2h J212
S5567	0.40	38.16	80.00	3.0700	Red_Deer_5yr_Chicago_2h Hewlett_Park_Wetland
S5568	0.29	32.58	80.00	2.3700	Red_Deer_5yr_Chicago_2h CULV5207
S5570	0.05	8.00	50.00	3.6100	Red_Deer_5yr_Chicago_2h J212
S5571	0.20	27.11	80.00	2.7700	Red_Deer_5yr_Chicago_2h CULV5440
S5572	0.05	8.00	50.00	3.3700	Red_Deer_5yr_Chicago_2h STMH20
S5574	0.05	8.00	50.00	4.0000	Red_Deer_5yr_Chicago_2h J212
S5578	0.04	8.00	50.00	3.5300	Red_Deer_5yr_Chicago_2h J213
S5579	0.55	44.31	80.00	4.0900	Red_Deer_5yr_Chicago_2h CULV5207
S5581	0.05	8.00	50.00	2.8300	Red_Deer_5yr_Chicago_2h J477
S5583	0.05	8.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h J212
S5584	0.04	8.00	50.00	7.9500	Red_Deer_5yr_Chicago_2h J213
S5585	0.43	39.13	90.00	2.8100	Red_Deer_5yr_Chicago_2h J6
S5588	0.22	28.10	80.00	2.7500	Red_Deer_5yr_Chicago_2h CULV5207
S5594	0.04	8.00	50.00	2.5500	Red_Deer_5yr_Chicago_2h J477
S5598	0.04	8.00	50.00	4.4600	Red_Deer_5yr_Chicago_2h J212
S56	0.28	35.00	40.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S5602	0.05	8.00	50.00	4.6900	Red_Deer_5yr_Chicago_2h J212
S5606	0.07	8.00	50.00	5.1200	Red_Deer_5yr_Chicago_2h J477
S5608	0.04	8.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h J212
S5620	1.45	60.13	5.00	4.6100	Red_Deer_5yr_Chicago_2h J5
S5621	0.05	8.00	50.00	3.6700	Red_Deer_5yr_Chicago_2h J212
S5622	0.08	8.00	50.00	2.6100	Red_Deer_5yr_Chicago_2h STMH22
S5624	0.04	8.00	50.00	3.9300	Red_Deer_5yr_Chicago_2h J212
S5627	0.04	8.00	50.00	3.2400	Red_Deer_5yr_Chicago_2h STMH22
S5628	0.05	8.00	50.00	3.0900	Red_Deer_5yr_Chicago_2h J477
S5630	0.04	8.00	50.00	7.3600	Red_Deer_5yr_Chicago_2h J212
S5632	0.30	32.80	80.00	2.4500	Red_Deer_5yr_Chicago_2h HPMH45
S5634	0.04	8.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h J477
S5635	0.04	8.00	50.00	5.1100	Red_Deer_5yr_Chicago_2h J212
S5637	0.05	8.00	50.00	4.3500	Red_Deer_5yr_Chicago_2h J477
S5639	0.20	26.95	80.00	2.5900	Red_Deer_5yr_Chicago_2h CULV5440
S5640	0.40	38.15	80.00	2.6600	Red_Deer_5yr_Chicago_2h CULV5440
S5641	0.44	39.84	80.00	2.6000	Red_Deer_5yr_Chicago_2h CULV5440
S5642	0.04	8.00	50.00	4.6300	Red_Deer_5yr_Chicago_2h J212
S5643	0.05	8.00	50.00	2.4900	Red_Deer_5yr_Chicago_2h J477
S5645	0.05	8.00	50.00	3.7900	Red_Deer_5yr_Chicago_2h J477
S5648	0.04	8.00	50.00	8.8000	Red_Deer_5yr_Chicago_2h J211
S5649	0.37	36.51	90.00	3.5300	Red_Deer_5yr_Chicago_2h J6
S5650	0.05	8.00	50.00	2.7500	Red_Deer_5yr_Chicago_2h J477
S5652	0.04	8.00	50.00	6.6200	Red_Deer_5yr_Chicago_2h J211
S5660	0.05	8.00	50.00	3.8400	Red_Deer_5yr_Chicago_2h J210
S5661	3.99	99.85	5.00	10.9900	Red_Deer_5yr_Chicago_2h J353
S5663	0.05	8.00	50.00	2.7300	Red_Deer_5yr_Chicago_2h STMH22
S5664	0.05	8.00	50.00	3.0400	Red_Deer_5yr_Chicago_2h J477
S5667	0.05	8.00	50.00	5.4100	Red_Deer_5yr_Chicago_2h J210
S5670	0.05	8.00	50.00	3.4400	Red_Deer_5yr_Chicago_2h STMH22
S5671	0.05	8.00	50.00	2.9400	Red_Deer_5yr_Chicago_2h J477
S5672	0.31	33.48	80.00	2.8700	Red_Deer_5yr_Chicago_2h HPMH46
S5674	0.54	44.16	80.00	2.5700	Red_Deer_5yr_Chicago_2h CULV5207
S5675	0.04	8.00	50.00	4.4500	Red_Deer_5yr_Chicago_2h J211
S5677	0.05	8.00	50.00	2.9500	Red_Deer_5yr_Chicago_2h J483
S5680	0.05	8.00	50.00	3.0500	Red_Deer_5yr_Chicago_2h J208
S5681	0.04	8.00	50.00	5.2100	Red_Deer_5yr_Chicago_2h J211
S5685	0.05	8.00	50.00	3.5200	Red_Deer_5yr_Chicago_2h J483
S5687	0.04	8.00	50.00	4.9000	Red_Deer_5yr_Chicago_2h J210

S5688	0.05	8.00	50.00	3.4600	Red_Deer_5yr_Chicago_2h J210
S5689	0.40	38.18	80.00	3.4200	Red_Deer_5yr_Chicago_2h CULV5454
S5699	0.04	8.00	50.00	4.9900	Red_Deer_5yr_Chicago_2h J210
S57	0.28	35.00	40.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S5700	0.05	8.00	50.00	2.8500	Red_Deer_5yr_Chicago_2h J483
S5705	0.06	8.00	50.00	3.6500	Red_Deer_5yr_Chicago_2h J210
S5706	0.04	8.00	50.00	5.4100	Red_Deer_5yr_Chicago_2h J210
S5708	0.05	8.00	50.00	4.2100	Red_Deer_5yr_Chicago_2h J483
S5709	0.04	8.00	50.00	4.5100	Red_Deer_5yr_Chicago_2h J210
S5711	0.05	8.00	50.00	4.2000	Red_Deer_5yr_Chicago_2h J207
S5712	0.04	8.00	50.00	6.4900	Red_Deer_5yr_Chicago_2h J210
S5715	0.03	8.00	50.00	4.0900	Red_Deer_5yr_Chicago_2h J209
S5716	0.04	8.00	50.00	5.1900	Red_Deer_5yr_Chicago_2h J210
S5717	0.04	8.00	50.00	4.7400	Red_Deer_5yr_Chicago_2h J207
S5718	0.05	8.00	50.00	3.6000	Red_Deer_5yr_Chicago_2h J207
S5719	0.13	8.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h J483
S5720	0.10	8.00	50.00	2.8900	Red_Deer_5yr_Chicago_2h J483
S5721	0.08	8.00	50.00	3.0700	Red_Deer_5yr_Chicago_2h J484
S5722	0.12	8.49	80.00	3.3300	Red_Deer_5yr_Chicago_2h J484
S5724	0.67	49.12	80.00	3.5300	Red_Deer_5yr_Chicago_2h CULV5445
S5725	0.29	32.30	80.00	3.2200	Red_Deer_5yr_Chicago_2h HPMH45
S5726	0.04	8.00	50.00	3.8200	Red_Deer_5yr_Chicago_2h J209
S5727	0.26	30.48	80.00	2.6700	Red_Deer_5yr_Chicago_2h HPMH45
S5728	0.38	37.19	80.00	3.7900	Red_Deer_5yr_Chicago_2h HPMH45
S5729	0.63	47.54	80.00	2.3000	Red_Deer_5yr_Chicago_2h HPMH46
S5731	0.47	41.30	80.00	3.3000	Red_Deer_5yr_Chicago_2h HPMH46
S5732	0.42	38.69	80.00	3.1000	Red_Deer_5yr_Chicago_2h J5
S5733	0.38	36.85	80.00	4.0800	Red_Deer_5yr_Chicago_2h J5
S5738_10	1.87	15.00	65.00	4.7700	Red_Deer_5yr_Chicago_2h HPMH42
S5738_11	1.07	51.59	5.00	7.1100	Red_Deer_5yr_Chicago_2h HPMH4
S5738_12	0.19	15.00	70.00	3.7300	Red_Deer_5yr_Chicago_2h HPMH15
S5738_13	0.23	15.00	70.00	2.4800	Red_Deer_5yr_Chicago_2h HPMH18
S5738_14	0.42	15.00	65.00	6.3600	Red_Deer_5yr_Chicago_2h HPMH13
S5738_15	0.18	15.00	70.00	2.4300	Red_Deer_5yr_Chicago_2h HPMH17
S5738_17	0.68	15.00	65.00	3.0900	Red_Deer_5yr_Chicago_2h HPMH17
S5738_18	0.49	15.00	65.00	3.1600	Red_Deer_5yr_Chicago_2h HPMH17
S5738_19	0.31	27.63	5.00	12.6800	Red_Deer_5yr_Chicago_2h HPMH2
S5738_2	0.16	15.00	70.00	2.6300	Red_Deer_5yr_Chicago_2h HPMH23
S5738_20	0.03	15.00	70.00	2.5200	Red_Deer_5yr_Chicago_2h HPMH6
S5738_3	0.52	15.00	65.00	3.8400	Red_Deer_5yr_Chicago_2h HPMH15
S5738_4	2.67	15.00	65.00	3.3600	Red_Deer_5yr_Chicago_2h HPMH12
S5738_5	0.38	15.00	65.00	4.4500	Red_Deer_5yr_Chicago_2h HPMH13
S5738_6	0.41	32.08	5.00	10.1400	Red_Deer_5yr_Chicago_2h HPMH36
S5738_7	0.68	15.00	65.00	3.2600	Red_Deer_5yr_Chicago_2h HPMH19
S5738_8	0.73	15.00	65.00	3.3800	Red_Deer_5yr_Chicago_2h HPMH23
S5738_9	0.13	15.00	70.00	2.3900	Red_Deer_5yr_Chicago_2h HPMH13
S5739	0.04	8.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h J209
S5758	0.07	10.00	50.00	3.3400	Red_Deer_5yr_Chicago_2h CULV5453
S5760	0.61	46.85	80.00	10.2900	Red_Deer_5yr_Chicago_2h HPMH45
S5761	0.63	47.62	80.00	9.5600	Red_Deer_5yr_Chicago_2h HPMH46
S5766	0.61	47.00	90.00	8.2000	Red_Deer_5yr_Chicago_2h J6
S5769	6.94	131.73	5.00	6.5600	Red_Deer_5yr_Chicago_2h J349
S5770	5.95	121.94	5.00	4.1500	Red_Deer_5yr_Chicago_2h J360
S5771	0.08	10.00	50.00	4.7500	Red_Deer_5yr_Chicago_2h J209
S5772	0.06	8.00	50.00	3.1800	Red_Deer_5yr_Chicago_2h J209
S5773	0.06	8.00	50.00	5.0300	Red_Deer_5yr_Chicago_2h J207
S5774	0.06	8.00	50.00	4.2300	Red_Deer_5yr_Chicago_2h J207
S5775	0.06	8.00	50.00	3.6800	Red_Deer_5yr_Chicago_2h J206
S5776	0.06	8.00	50.00	3.7200	Red_Deer_5yr_Chicago_2h J206
S5777	0.06	8.00	50.00	5.9500	Red_Deer_5yr_Chicago_2h J484
S5778	0.06	8.00	50.00	5.4800	Red_Deer_5yr_Chicago_2h J484
S5779	0.06	8.00	50.00	3.1800	Red_Deer_5yr_Chicago_2h J484
S5780	0.06	8.00	50.00	6.2500	Red_Deer_5yr_Chicago_2h J484
S5781	0.06	8.00	50.00	4.3200	Red_Deer_5yr_Chicago_2h J484
S5782	0.06	8.73	80.00	3.9300	Red_Deer_5yr_Chicago_2h J484
S5783	0.06	8.73	80.00	1.9400	Red_Deer_5yr_Chicago_2h J484
S5784	0.06	8.71	80.00	2.1200	Red_Deer_5yr_Chicago_2h J484
S5785	0.05	7.04	80.00	2.7100	Red_Deer_5yr_Chicago_2h J484
S5786	0.03	6.90	80.00	2.1000	Red_Deer_5yr_Chicago_2h CULV5453
S5787	0.22	15.87	80.00	2.6700	Red_Deer_5yr_Chicago_2h CULV5447
S5788_2	2.15	190.30	5.00	6.8500	Red_Deer_5yr_Chicago_2h J78_ADD
S5788_3	1.48	190.30	5.00	6.8500	Red_Deer_5yr_Chicago_2h J80_ADD
S5791	0.07	15.00	40.00	6.8400	Red_Deer_5yr_Chicago_2h CULV5447
S5793	0.05	15.00	40.00	4.6700	Red_Deer_5yr_Chicago_2h CULV5447
S5794	0.05	15.00	40.00	4.0600	Red_Deer_5yr_Chicago_2h CULV5447

S5795	0.05	15.00	40.00	3.7900	Red_Deer_5yr_Chicago_2h CULV5447
S5796	0.21	15.81	80.00	3.5100	Red_Deer_5yr_Chicago_2h CULV5447
S5797	0.06	15.00	40.00	3.4600	Red_Deer_5yr_Chicago_2h CULV5447
S5798	0.07	15.00	40.00	4.7500	Red_Deer_5yr_Chicago_2h CULV5447
S58	0.28	35.00	65.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S5800	0.06	15.00	40.00	3.5000	Red_Deer_5yr_Chicago_2h CULV5447
S5801	0.07	15.00	40.00	4.3000	Red_Deer_5yr_Chicago_2h CULV5447
S5802	0.10	15.00	40.00	2.6300	Red_Deer_5yr_Chicago_2h CULV5447
S5804	0.08	15.00	40.00	4.4400	Red_Deer_5yr_Chicago_2h CULV5447
S5806	0.08	15.00	40.00	3.9500	Red_Deer_5yr_Chicago_2h CULV5447
S5808	0.07	15.00	40.00	3.4100	Red_Deer_5yr_Chicago_2h CULV5447
S5809	0.12	15.00	40.00	3.1700	Red_Deer_5yr_Chicago_2h CULV5447
S5811	0.08	15.00	40.00	4.1700	Red_Deer_5yr_Chicago_2h CULV5447
S5812	0.07	15.00	40.00	2.6500	Red_Deer_5yr_Chicago_2h CULV5447
S5813	0.12	15.00	40.00	3.8600	Red_Deer_5yr_Chicago_2h CULV5447
S5826	0.10	15.00	40.00	3.9900	Red_Deer_5yr_Chicago_2h CULV5447
S5827	0.07	15.00	40.00	3.8400	Red_Deer_5yr_Chicago_2h CULV5447
S5829	0.08	15.00	40.00	4.6100	Red_Deer_5yr_Chicago_2h CULV5447
S5830	0.06	15.00	40.00	5.2200	Red_Deer_5yr_Chicago_2h CULV5447
S5833	0.07	15.00	40.00	4.2800	Red_Deer_5yr_Chicago_2h CULV5447
S5835	0.04	15.00	40.00	5.5400	Red_Deer_5yr_Chicago_2h CULV5447
S5836	0.08	15.00	40.00	3.8400	Red_Deer_5yr_Chicago_2h CULV5447
S5838	0.07	15.00	40.00	4.9500	Red_Deer_5yr_Chicago_2h CULV5447
S5840	0.09	15.00	40.00	4.0800	Red_Deer_5yr_Chicago_2h CULV5447
S5841	0.07	15.00	40.00	3.8700	Red_Deer_5yr_Chicago_2h CULV5447
S5842	0.09	15.00	40.00	3.4800	Red_Deer_5yr_Chicago_2h CULV5447
S5845	0.07	15.00	40.00	4.0600	Red_Deer_5yr_Chicago_2h CULV5447
S5846	0.09	15.00	40.00	2.5600	Red_Deer_5yr_Chicago_2h CULV5447
S5848	0.07	15.00	40.00	5.0800	Red_Deer_5yr_Chicago_2h CULV5447
S5850	0.09	15.00	40.00	4.1000	Red_Deer_5yr_Chicago_2h CULV5447
S5851	2.02	71.13	5.00	4.4300	Red_Deer_5yr_Chicago_2h J348
S5852	0.08	15.00	40.00	3.1900	Red_Deer_5yr_Chicago_2h CULV5447
S5854	0.07	15.00	40.00	5.0400	Red_Deer_5yr_Chicago_2h CULV5447
S5855	0.09	15.00	40.00	3.6200	Red_Deer_5yr_Chicago_2h CULV5447
S5858	0.08	15.00	40.00	6.0700	Red_Deer_5yr_Chicago_2h CULV5447
S5862	0.11	15.00	40.00	4.7700	Red_Deer_5yr_Chicago_2h CULV5447
S5864	0.10	15.00	40.00	3.0800	Red_Deer_5yr_Chicago_2h CULV5447
S5865	0.09	15.00	40.00	2.2000	Red_Deer_5yr_Chicago_2h CULV5447
S5868	0.10	15.00	40.00	4.0200	Red_Deer_5yr_Chicago_2h CULV5447
S5869	0.08	15.00	40.00	3.8000	Red_Deer_5yr_Chicago_2h CULV5447
S5872	0.08	15.00	40.00	3.7800	Red_Deer_5yr_Chicago_2h CULV5447
S5873	0.08	15.00	40.00	4.0100	Red_Deer_5yr_Chicago_2h CULV5447
S5875	0.08	15.00	40.00	2.9500	Red_Deer_5yr_Chicago_2h CULV5447
S5877	0.07	15.00	40.00	4.0100	Red_Deer_5yr_Chicago_2h CULV5447
S5880	0.08	15.00	40.00	4.2800	Red_Deer_5yr_Chicago_2h CULV5447
S5883	0.06	15.00	40.00	5.0800	Red_Deer_5yr_Chicago_2h CULV5447
S5884	0.08	15.00	40.00	3.7700	Red_Deer_5yr_Chicago_2h CULV5447
S5888	0.08	15.00	40.00	4.7500	Red_Deer_5yr_Chicago_2h CULV5447
S5890	0.08	15.00	40.00	3.5300	Red_Deer_5yr_Chicago_2h CULV5447
S5893	0.08	15.00	40.00	3.0300	Red_Deer_5yr_Chicago_2h CULV5447
S5894	0.06	15.00	40.00	3.3900	Red_Deer_5yr_Chicago_2h CULV5447
S5898	0.07	15.00	40.00	3.5800	Red_Deer_5yr_Chicago_2h CULV5447
S5899	0.07	15.00	40.00	2.7800	Red_Deer_5yr_Chicago_2h CULV5447
S59	0.30	35.00	65.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S5903	0.07	15.00	40.00	3.2800	Red_Deer_5yr_Chicago_2h CULV5447
S5905	0.07	15.00	40.00	4.6400	Red_Deer_5yr_Chicago_2h CULV5447
S5906	0.07	15.00	40.00	3.9600	Red_Deer_5yr_Chicago_2h CULV5447
S5916	0.18	15.00	40.00	4.8200	Red_Deer_5yr_Chicago_2h CULV5447
S5937	0.99	49.97	5.00	10.6700	Red_Deer_5yr_Chicago_2h HPMH45
S5939	5.66	118.96	5.00	5.9400	Red_Deer_5yr_Chicago_2h HPMH45
S5957	23.87	244.30	5.00	6.1900	Red_Deer_5yr_Chicago_2h J348
S5964	18.30	253.52	5.00	3.7000	Red_Deer_5yr_Chicago_2h J348
S5965	32.37	284.49	5.00	3.9900	Red_Deer_5yr_Chicago_2h J348
S5971	29.74	272.68	5.00	3.1100	Red_Deer_5yr_Chicago_2h J348
S5975_1	0.80	89.45	5.00	10.9900	Red_Deer_5yr_Chicago_2h HPMH45
S5975_2	4.76	218.22	5.00	11.0700	Red_Deer_5yr_Chicago_2h J348
S6	0.23	15.00	70.00	4.1900	Red_Deer_5yr_Chicago_2h J111
S60	1.37	45.00	65.00	2.3000	Red_Deer_5yr_Chicago_2h 752_ADD
S6038	47.54	482.91	5.00	6.0500	Red_Deer_5yr_Chicago_2h J348
S6040	32.07	10.00	5.00	5.5200	Red_Deer_5yr_Chicago_2h J348
S6041	31.50	280.63	5.00	4.5200	Red_Deer_5yr_Chicago_2h J348
S6199	0.25	15.00	70.00	3.5800	Red_Deer_5yr_Chicago_2h J33
S62	0.57	35.00	40.00	2.1000	Red_Deer_5yr_Chicago_2h J428
S6202	0.92	15.00	70.00	3.1600	Red_Deer_5yr_Chicago_2h J36
S6203	0.67	15.00	70.00	2.7700	Red_Deer_5yr_Chicago_2h J46

S6204_2	0.40	15.00	70.00	3.2800	Red_Deer_5yr_Chicago_2h J52
S6283_1	0.13	15.00	70.00	3.8200	Red_Deer_5yr_Chicago_2h J109
S6283_2	0.58	15.00	70.00	3.4800	Red_Deer_5yr_Chicago_2h J422
S6284_1	2.63	15.00	60.00	6.8700	Red_Deer_5yr_Chicago_2h CULV5538_ADD
S6284_3	2.12	15.00	60.00	6.8700	Red_Deer_5yr_Chicago_2h CULV5537_ADD
S63	0.51	35.00	40.00	2.0400	Red_Deer_5yr_Chicago_2h J428
S6303	0.08	15.00	70.00	4.2400	Red_Deer_5yr_Chicago_2h J98
S6304	0.12	15.00	70.00	3.3500	Red_Deer_5yr_Chicago_2h J98
S6305_1	0.49	15.00	70.00	3.5200	Red_Deer_5yr_Chicago_2h F14STM61
S6305_10	0.41	15.00	70.00	4.4800	Red_Deer_5yr_Chicago_2h J98
S6305_11	0.18	15.00	70.00	4.0000	Red_Deer_5yr_Chicago_2h G14STM75
S6305_12	0.46	15.00	70.00	3.4200	Red_Deer_5yr_Chicago_2h G14STM71
S6305_13	0.16	15.00	70.00	3.1800	Red_Deer_5yr_Chicago_2h G14STM64
S6305_17	0.25	15.00	70.00	4.2300	Red_Deer_5yr_Chicago_2h F14STM59
S6305_18	0.19	15.00	70.00	4.0700	Red_Deer_5yr_Chicago_2h F14STM60
S6305_19	0.18	15.00	70.00	3.8200	Red_Deer_5yr_Chicago_2h F14STM61
S6305_2	0.16	10.00	50.00	3.9400	Red_Deer_5yr_Chicago_2h G14STM63
S6305_20	0.14	15.00	70.00	3.3000	Red_Deer_5yr_Chicago_2h G14STM63
S6305_21	0.24	15.00	70.00	2.8400	Red_Deer_5yr_Chicago_2h G14STM67
S6305_22	0.19	15.00	70.00	2.9100	Red_Deer_5yr_Chicago_2h H14STM70
S6305_23	0.33	15.00	70.00	3.0500	Red_Deer_5yr_Chicago_2h J368
S6305_24	0.29	15.00	70.00	3.9900	Red_Deer_5yr_Chicago_2h G14STM74
S6305_3	1.22	15.00	70.00	4.8800	Red_Deer_5yr_Chicago_2h J109
S6305_4	0.21	15.00	70.00	3.9400	Red_Deer_5yr_Chicago_2h G14STM63
S6305_5	0.15	10.00	50.00	4.4700	Red_Deer_5yr_Chicago_2h F14STM60
S6305_6	0.16	15.00	70.00	3.0100	Red_Deer_5yr_Chicago_2h F14STM60
S6305_7	0.37	15.00	70.00	3.9400	Red_Deer_5yr_Chicago_2h F14STM271
S6305_8	0.15	15.00	70.00	3.1800	Red_Deer_5yr_Chicago_2h G14STM65
S6305_9	0.14	10.00	50.00	3.0100	Red_Deer_5yr_Chicago_2h F14STM59
S6318	1.23	15.00	70.00	1.0800	Red_Deer_5yr_Chicago_2h J428
S6318_1	0.14	5.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S6318_12	0.09	5.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S6318_13	0.11	5.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S6318_14	0.73	15.00	70.00	2.2800	Red_Deer_5yr_Chicago_2h J116
S6318_2	0.66	15.00	70.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S6318_3	1.11	15.00	70.00	0.7800	Red_Deer_5yr_Chicago_2h J428
S6318_4	0.17	15.00	70.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S6318_6	0.17	15.00	70.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S6318_7	0.11	5.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S6318_8	0.17	15.00	70.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S6318_9	0.09	5.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S6319	0.45	15.00	70.00	2.7700	Red_Deer_5yr_Chicago_2h H14STM1518
S6319_1	0.09	15.00	70.00	4.4500	Red_Deer_5yr_Chicago_2h J440
S6319_10	0.31	15.00	70.00	4.2400	Red_Deer_5yr_Chicago_2h J441
S6319_12	0.09	5.00	50.00	4.5600	Red_Deer_5yr_Chicago_2h J440
S6319_13	0.17	15.00	70.00	3.4300	Red_Deer_5yr_Chicago_2h J101
S6319_14	0.09	5.00	50.00	3.7100	Red_Deer_5yr_Chicago_2h J119
S6319_15	0.31	15.00	70.00	3.2700	Red_Deer_5yr_Chicago_2h J493
S6319_16	0.31	15.00	70.00	4.3300	Red_Deer_5yr_Chicago_2h J441
S6319_17	0.09	5.00	50.00	4.0700	Red_Deer_5yr_Chicago_2h J119
S6319_18	0.31	15.00	70.00	2.9200	Red_Deer_5yr_Chicago_2h J510
S6319_19	0.24	15.00	70.00	4.4500	Red_Deer_5yr_Chicago_2h J510
S6319_2	0.24	15.00	70.00	4.5900	Red_Deer_5yr_Chicago_2h J115
S6319_20	0.54	15.00	70.00	4.0500	Red_Deer_5yr_Chicago_2h J119
S6319_21	0.23	15.00	70.00	3.0500	Red_Deer_5yr_Chicago_2h H11STM1499
S6319_22	0.09	5.00	50.00	2.9800	Red_Deer_5yr_Chicago_2h J121
S6319_23	0.24	15.00	70.00	4.4600	Red_Deer_5yr_Chicago_2h J441
S6319_24	0.09	5.00	50.00	3.2400	Red_Deer_5yr_Chicago_2h J510
S6319_25	0.09	5.00	50.00	3.2900	Red_Deer_5yr_Chicago_2h J510
S6319_26	0.23	15.00	70.00	4.4500	Red_Deer_5yr_Chicago_2h J123
S6319_27	0.31	15.00	70.00	3.6900	Red_Deer_5yr_Chicago_2h J499
S6319_28	0.96	15.00	70.00	3.5800	Red_Deer_5yr_Chicago_2h J98
S6319_29	0.26	15.00	70.00	2.7800	Red_Deer_5yr_Chicago_2h J102
S6319_3	0.08	5.00	50.00	5.0500	Red_Deer_5yr_Chicago_2h J119
S6319_30	0.11	5.00	50.00	3.5000	Red_Deer_5yr_Chicago_2h J101
S6319_31	0.31	15.00	70.00	3.1000	Red_Deer_5yr_Chicago_2h J122
S6319_32	0.09	5.00	50.00	3.6900	Red_Deer_5yr_Chicago_2h J123
S6319_33	0.31	15.00	70.00	3.2400	Red_Deer_5yr_Chicago_2h J510
S6319_34	0.09	5.00	50.00	3.7600	Red_Deer_5yr_Chicago_2h J510
S6319_35	0.31	15.00	70.00	3.4000	Red_Deer_5yr_Chicago_2h J120
S6319_36	0.09	5.00	50.00	3.5700	Red_Deer_5yr_Chicago_2h J120
S6319_4	0.24	15.00	70.00	4.4500	Red_Deer_5yr_Chicago_2h J120
S6319_5	0.45	15.00	70.00	3.9300	Red_Deer_5yr_Chicago_2h J114
S6319_6	0.09	5.00	50.00	4.2400	Red_Deer_5yr_Chicago_2h J116
S6319_7	0.09	5.00	50.00	4.9000	Red_Deer_5yr_Chicago_2h J441

S6319_8	0.31	15.00	70.00	3.2500	Red_Deer_5yr_Chicago_2h J119
S6319_9	0.67	15.00	70.00	4.4600	Red_Deer_5yr_Chicago_2h J98
S6321_10	0.98	15.00	70.00	3.0500	Red_Deer_5yr_Chicago_2h J76_ADD
S6321_11	1.57	15.00	70.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S6321_12	0.13	5.00	50.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S6321_13	0.15	5.00	50.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S6321_14	0.26	15.00	70.00	3.8800	Red_Deer_5yr_Chicago_2h J441
S6321_15	0.23	15.00	70.00	3.6700	Red_Deer_5yr_Chicago_2h J119
S6321_16	0.47	15.00	70.00	3.0100	Red_Deer_5yr_Chicago_2h J510
S6321_17	0.48	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h 735_ADD
S6321_18	0.20	15.00	70.00	3.7800	Red_Deer_5yr_Chicago_2h J121
S6321_19	0.21	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h 732_ADD
S6321_2	0.14	15.00	70.00	4.0300	Red_Deer_5yr_Chicago_2h 741_ADD
S6321_20	0.32	15.00	70.00	4.5300	Red_Deer_5yr_Chicago_2h 748_ADD
S6321_21	0.31	15.00	70.00	4.5300	Red_Deer_5yr_Chicago_2h 752_ADD
S6321_22	0.10	15.00	70.00	4.5300	Red_Deer_5yr_Chicago_2h 751_ADD
S6321_23	0.15	15.00	70.00	3.0500	Red_Deer_5yr_Chicago_2h 746_ADD
S6321_3	0.21	15.00	70.00	3.8400	Red_Deer_5yr_Chicago_2h J116
S6321_4	0.20	15.00	70.00	4.0700	Red_Deer_5yr_Chicago_2h J440
S6321_5	0.18	15.00	70.00	4.5300	Red_Deer_5yr_Chicago_2h 749_ADD
S6321_6	0.12	5.00	50.00	3.1100	Red_Deer_5yr_Chicago_2h 755_ADD
S6321_7	0.13	15.00	70.00	3.7800	Red_Deer_5yr_Chicago_2h 751_ADD
S6321_8	0.12	5.00	50.00	3.1200	Red_Deer_5yr_Chicago_2h 754_ADD
S6321_9	0.39	15.00	70.00	3.2100	Red_Deer_5yr_Chicago_2h 752_ADD
S6323_1	0.06	15.00	70.00	8.6600	Red_Deer_5yr_Chicago_2h J140
S6323_2	2.01	70.88	5.00	10.4800	Red_Deer_5yr_Chicago_2h J104
S6323_3	1.06	79.61	5.00	8.6600	Red_Deer_5yr_Chicago_2h J143
S6323_5	1.42	79.61	5.00	8.6600	Red_Deer_5yr_Chicago_2h J529
S6324	5.16	113.59	5.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S6325_1	3.93	15.00	70.00	6.9600	Red_Deer_5yr_Chicago_2h HPMH16
S6325_2	4.21	15.00	70.00	6.9600	Red_Deer_5yr_Chicago_2h J529
S6326	0.63	15.00	70.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S6327	2.63	15.00	70.00	4.5600	Red_Deer_5yr_Chicago_2h J423
S6331	0.40	15.00	70.00	3.2100	Red_Deer_5yr_Chicago_2h J100
S6339_1	0.52	15.00	70.00	2.7500	Red_Deer_5yr_Chicago_2h J42
S6339_10	0.35	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J33
S6339_11	0.34	15.00	70.00	2.8500	Red_Deer_5yr_Chicago_2h J40
S6339_12	0.08	15.00	70.00	2.9800	Red_Deer_5yr_Chicago_2h J157
S6339_13	0.30	15.00	70.00	3.7600	Red_Deer_5yr_Chicago_2h J372
S6339_14	0.45	15.00	70.00	3.1500	Red_Deer_5yr_Chicago_2h J373
S6339_15	1.10	15.00	70.00	2.9300	Red_Deer_5yr_Chicago_2h J376
S6339_16	0.09	15.00	70.00	3.2300	Red_Deer_5yr_Chicago_2h J8
S6339_17	0.64	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J372
S6339_18	0.13	15.00	70.00	3.7200	Red_Deer_5yr_Chicago_2h J8
S6339_19	0.04	15.00	70.00	2.4400	Red_Deer_5yr_Chicago_2h J377
S6339_2	0.11	15.00	70.00	3.2400	Red_Deer_5yr_Chicago_2h J535
S6339_20	0.16	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h J351
S6339_21	0.63	15.00	70.00	3.2400	Red_Deer_5yr_Chicago_2h J374
S6339_22	0.17	15.00	70.00	2.3600	Red_Deer_5yr_Chicago_2h F9STM259
S6339_23	0.38	15.00	70.00	3.2400	Red_Deer_5yr_Chicago_2h J381
S6339_24	0.58	15.00	70.00	4.4500	Red_Deer_5yr_Chicago_2h G7STM261
S6339_25	0.54	15.00	70.00	3.2900	Red_Deer_5yr_Chicago_2h J356
S6339_26	0.72	15.00	70.00	3.1200	Red_Deer_5yr_Chicago_2h J356
S6339_27	0.06	15.00	70.00	3.3300	Red_Deer_5yr_Chicago_2h J381
S6339_28	0.23	15.00	70.00	2.7200	Red_Deer_5yr_Chicago_2h J381
S6339_29	0.07	15.00	70.00	3.5600	Red_Deer_5yr_Chicago_2h J381
S6339_3	0.34	15.00	70.00	2.8200	Red_Deer_5yr_Chicago_2h J8
S6339_30	0.39	15.00	70.00	2.7600	Red_Deer_5yr_Chicago_2h J381
S6339_31	0.04	15.00	70.00	3.6900	Red_Deer_5yr_Chicago_2h J389
S6339_32	0.07	15.00	70.00	2.7400	Red_Deer_5yr_Chicago_2h G7STM261
S6339_33	0.22	15.00	70.00	2.4000	Red_Deer_5yr_Chicago_2h G7STM261
S6339_34	0.58	15.00	70.00	3.1300	Red_Deer_5yr_Chicago_2h J473
S6339_35	0.06	15.00	70.00	3.3800	Red_Deer_5yr_Chicago_2h G7STM261
S6339_36	0.28	15.00	70.00	2.9200	Red_Deer_5yr_Chicago_2h G7STM261
S6339_37	0.05	15.00	70.00	3.0400	Red_Deer_5yr_Chicago_2h J389
S6339_38	0.05	15.00	70.00	2.8100	Red_Deer_5yr_Chicago_2h J389
S6339_39	0.23	15.00	70.00	2.7700	Red_Deer_5yr_Chicago_2h J389
S6339_4	0.43	15.00	70.00	2.7900	Red_Deer_5yr_Chicago_2h STMH1
S6339_40	0.09	15.00	70.00	2.8700	Red_Deer_5yr_Chicago_2h J479
S6339_42	0.31	15.00	70.00	2.6800	Red_Deer_5yr_Chicago_2h STMH12
S6339_43	0.31	15.00	70.00	2.7900	Red_Deer_5yr_Chicago_2h STMH10
S6339_44	0.36	15.00	70.00	2.7900	Red_Deer_5yr_Chicago_2h STMH4
S6339_45	0.42	15.00	70.00	2.7900	Red_Deer_5yr_Chicago_2h STMH7
S6339_5	0.29	15.00	70.00	4.2300	Red_Deer_5yr_Chicago_2h J351
S6339_6	0.28	15.00	70.00	2.8200	Red_Deer_5yr_Chicago_2h J377

S6339_7	0.46	15.00	70.00	2.7900	Red_Deer_5yr_Chicago_2h STMH2
S6339_8	0.11	15.00	70.00	2.4000	Red_Deer_5yr_Chicago_2h G7STM261
S6339_9	1.12	15.00	70.00	3.0900	Red_Deer_5yr_Chicago_2h F9STM259
S6341_2	1.37	15.00	70.00	6.5600	Red_Deer_5yr_Chicago_2h CULV5354
S6341_3	2.87	15.00	70.00	6.5600	Red_Deer_5yr_Chicago_2h CULV5263
S6341_4	0.73	15.00	70.00	6.5600	Red_Deer_5yr_Chicago_2h CULV5385
S6342	3.86	15.00	70.00	4.9200	Red_Deer_5yr_Chicago_2h J17
S6345_1	1.15	15.00	70.00	3.3900	Red_Deer_5yr_Chicago_2h J106
S6345_3	0.66	15.00	70.00	3.2800	Red_Deer_5yr_Chicago_2h I11STM153
S6345_4	0.85	15.00	70.00	3.2400	Red_Deer_5yr_Chicago_2h J11STM155
S6346	0.33	15.00	70.00	2.2300	Red_Deer_5yr_Chicago_2h I8STM130
S6346_1	0.09	15.00	70.00	3.0700	Red_Deer_5yr_Chicago_2h I8STM131
S6346_10	0.10	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h J7STM110
S6346_11	0.08	15.00	70.00	3.3300	Red_Deer_5yr_Chicago_2h I8STM103
S6346_12	0.23	15.00	70.00	2.2800	Red_Deer_5yr_Chicago_2h I7STM125
S6346_13	0.13	15.00	70.00	3.1500	Red_Deer_5yr_Chicago_2h I9STM149
S6346_14	0.17	15.00	70.00	3.1100	Red_Deer_5yr_Chicago_2h I8STM151
S6346_15	0.20	15.00	70.00	2.5900	Red_Deer_5yr_Chicago_2h I8STM132
S6346_16	0.26	15.00	70.00	3.4600	Red_Deer_5yr_Chicago_2h I8STM142
S6346_17	0.28	15.00	70.00	2.4700	Red_Deer_5yr_Chicago_2h I8STM152
S6346_18	0.06	15.00	70.00	2.4100	Red_Deer_5yr_Chicago_2h HPMH6
S6346_19	0.19	15.00	70.00	2.6600	Red_Deer_5yr_Chicago_2h I8STM102
S6346_2	0.25	15.00	70.00	3.0800	Red_Deer_5yr_Chicago_2h I8STM111
S6346_20	0.10	15.00	70.00	3.3400	Red_Deer_5yr_Chicago_2h HPMH7
S6346_21	0.12	15.00	70.00	2.4100	Red_Deer_5yr_Chicago_2h J7STM109
S6346_22	0.81	15.00	70.00	3.2100	Red_Deer_5yr_Chicago_2h I9STM143
S6346_23	0.19	15.00	70.00	2.6400	Red_Deer_5yr_Chicago_2h HPMH10
S6346_24	0.14	15.00	70.00	2.9100	Red_Deer_5yr_Chicago_2h I8STM106
S6346_25	0.17	15.00	70.00	2.9800	Red_Deer_5yr_Chicago_2h HPMH33
S6346_26	0.15	15.00	70.00	2.5100	Red_Deer_5yr_Chicago_2h Hewlett_Park
S6346_27	0.15	15.00	70.00	2.5200	Red_Deer_5yr_Chicago_2h J10STM1873
S6346_28	0.30	15.00	70.00	2.3000	Red_Deer_5yr_Chicago_2h HPMH9
S6346_29	0.40	15.00	70.00	2.7500	Red_Deer_5yr_Chicago_2h J10STM1875
S6346_3	0.55	15.00	70.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S6346_30	0.28	15.00	70.00	2.8800	Red_Deer_5yr_Chicago_2h J9STM1872
S6346_31	0.11	15.00	70.00	2.7100	Red_Deer_5yr_Chicago_2h I8STM141
S6346_32	0.23	15.00	70.00	2.9400	Red_Deer_5yr_Chicago_2h J9STM1871
S6346_33	0.18	15.00	70.00	2.2100	Red_Deer_5yr_Chicago_2h H8STM134
S6346_34	0.37	15.00	70.00	2.5500	Red_Deer_5yr_Chicago_2h I7STM128
S6346_35	0.40	15.00	70.00	3.3400	Red_Deer_5yr_Chicago_2h J8STM119
S6346_36	0.18	15.00	70.00	2.7300	Red_Deer_5yr_Chicago_2h J9STM114
S6346_37	0.12	15.00	70.00	2.1300	Red_Deer_5yr_Chicago_2h J8STM113
S6346_38	0.07	15.00	70.00	2.8400	Red_Deer_5yr_Chicago_2h J9STM116
S6346_39	0.10	15.00	70.00	2.6100	Red_Deer_5yr_Chicago_2h J9STM115
S6346_4	0.19	15.00	70.00	3.1800	Red_Deer_5yr_Chicago_2h H9STM138
S6346_40	0.14	15.00	70.00	2.6900	Red_Deer_5yr_Chicago_2h J344
S6346_41	0.28	15.00	70.00	2.3500	Red_Deer_5yr_Chicago_2h J8STM112
S6346_42	0.40	15.00	70.00	2.4400	Red_Deer_5yr_Chicago_2h J10STM1876
S6346_43	0.41	15.00	70.00	2.4500	Red_Deer_5yr_Chicago_2h J7STM122
S6346_44	0.11	15.00	70.00	2.3700	Red_Deer_5yr_Chicago_2h J7STM124
S6346_45	0.09	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h HPMH8
S6346_46	0.33	15.00	70.00	2.5400	Red_Deer_5yr_Chicago_2h I7STM125
S6346_47	0.10	15.00	70.00	3.4200	Red_Deer_5yr_Chicago_2h HPMH2
S6346_48	0.24	15.00	70.00	2.7000	Red_Deer_5yr_Chicago_2h Hewlett_Park
S6346_49	0.06	15.00	70.00	3.1000	Red_Deer_5yr_Chicago_2h J61
S6346_5	0.25	15.00	70.00	2.6400	Red_Deer_5yr_Chicago_2h I8STM140
S6346_50	0.14	15.00	70.00	2.8800	Red_Deer_5yr_Chicago_2h I10STM144
S6346_51	0.13	15.00	70.00	2.4500	Red_Deer_5yr_Chicago_2h I10STM146
S6346_52	0.38	15.00	70.00	2.5900	Red_Deer_5yr_Chicago_2h I9STM148
S6346_53	0.57	15.00	70.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S6346_54	0.23	15.00	70.00	2.5100	Red_Deer_5yr_Chicago_2h J8STM120
S6346_55	0.23	15.00	70.00	2.4400	Red_Deer_5yr_Chicago_2h I11STM92
S6346_6	0.51	15.00	70.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S6346_7	0.06	15.00	70.00	3.3600	Red_Deer_5yr_Chicago_2h J8STM118
S6346_9	0.07	15.00	70.00	2.6200	Red_Deer_5yr_Chicago_2h HPMH26
S6350_1	5.74	15.00	70.00	6.8700	Red_Deer_5yr_Chicago_2h HPMH45
S6350_10	0.06	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h J483
S6350_11	0.54	15.00	70.00	2.6000	Red_Deer_5yr_Chicago_2h STMH16
S6350_12	0.52	15.00	70.00	2.6000	Red_Deer_5yr_Chicago_2h STMH21
S6350_3	1.83	15.00	70.00	6.3900	Red_Deer_5yr_Chicago_2h CULV5447
S6350_4	0.50	15.00	70.00	2.6000	Red_Deer_5yr_Chicago_2h STMH25
S6350_5	0.91	15.00	70.00	4.0400	Red_Deer_5yr_Chicago_2h CULV5447
S6350_6	0.86	15.00	70.00	6.1000	Red_Deer_5yr_Chicago_2h HPMH45
S6350_7	0.13	15.00	70.00	2.9600	Red_Deer_5yr_Chicago_2h J484
S6350_8	1.27	15.00	70.00	3.6100	Red_Deer_5yr_Chicago_2h CULV5447

S6350_9	1.03	15.00	70.00	4.2300	Red_Deer_5yr_Chicago_2h HPMH45
S6351	5.38	15.00	70.00	7.0900	Red_Deer_5yr_Chicago_2h J348
S6352_10	0.33	15.00	70.00	3.2200	Red_Deer_5yr_Chicago_2h J482
S6352_11	0.06	15.00	70.00	3.0700	Red_Deer_5yr_Chicago_2h J210
S6352_12	0.24	15.00	70.00	3.1900	Red_Deer_5yr_Chicago_2h J186
S6352_13	0.07	15.00	70.00	3.0700	Red_Deer_5yr_Chicago_2h J477
S6352_14	0.07	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h J481
S6352_15	0.07	15.00	70.00	2.7700	Red_Deer_5yr_Chicago_2h J480
S6352_16	0.23	15.00	70.00	3.1900	Red_Deer_5yr_Chicago_2h J485
S6352_2	0.06	15.00	70.00	2.9900	Red_Deer_5yr_Chicago_2h J190
S6352_3	0.34	15.00	70.00	3.1500	Red_Deer_5yr_Chicago_2h J208
S6352_4	0.34	15.00	70.00	3.2400	Red_Deer_5yr_Chicago_2h J211
S6352_5	0.13	15.00	70.00	3.0000	Red_Deer_5yr_Chicago_2h J212
S6352_6	0.33	15.00	70.00	3.4100	Red_Deer_5yr_Chicago_2h J213
S6352_7	0.13	15.00	70.00	3.0100	Red_Deer_5yr_Chicago_2h J214
S6352_8	0.33	15.00	70.00	3.5600	Red_Deer_5yr_Chicago_2h J215
S6352_9	0.06	15.00	70.00	2.7700	Red_Deer_5yr_Chicago_2h J185
S6353_1	3.83	15.00	70.00	6.4600	Red_Deer_5yr_Chicago_2h CULV5467
S6353_2	1.08	15.00	70.00	4.6300	Red_Deer_5yr_Chicago_2h CULV5207
S6353_3	1.84	15.00	70.00	4.6300	Red_Deer_5yr_Chicago_2h CULV5440
S6353_5	1.33	15.00	70.00	4.7600	Red_Deer_5yr_Chicago_2h CULV5210
S6353_6	3.72	15.00	70.00	4.6300	Red_Deer_5yr_Chicago_2h CULV5397
S6353_7	4.25	15.00	70.00	6.4600	Red_Deer_5yr_Chicago_2h J3
S6354	0.56	15.00	70.00	3.4400	Red_Deer_5yr_Chicago_2h J98
S6355	0.16	15.00	70.00	3.4900	Red_Deer_5yr_Chicago_2h J98
S6356	0.40	15.00	70.00	2.9400	Red_Deer_5yr_Chicago_2h H12STM1498
S6357	0.20	15.00	70.00	3.5900	Red_Deer_5yr_Chicago_2h J100
S6359	0.08	15.00	40.00	3.5200	Red_Deer_5yr_Chicago_2h J391
S6360	0.28	15.00	70.00	2.8300	Red_Deer_5yr_Chicago_2h I14STM1521
S6361	0.30	15.00	70.00	2.6100	Red_Deer_5yr_Chicago_2h H13STM1519
S6362	0.14	15.00	70.00	3.0900	Red_Deer_5yr_Chicago_2h I13STM1525
S6363	1.07	15.00	70.00	2.6400	Red_Deer_5yr_Chicago_2h I13STM1478
S6364	0.26	15.00	70.00	2.8600	Red_Deer_5yr_Chicago_2h I12STM1483
S6365	0.34	15.00	70.00	3.1200	Red_Deer_5yr_Chicago_2h I13STM1526
S6366	0.31	15.00	70.00	2.5700	Red_Deer_5yr_Chicago_2h H13STM1532
S6367_1	0.31	15.00	70.00	2.6000	Red_Deer_5yr_Chicago_2h I11STM153
S6367_2	0.22	15.00	70.00	2.6000	Red_Deer_5yr_Chicago_2h J9
S6368	0.60	15.00	70.00	2.6000	Red_Deer_5yr_Chicago_2h H12STM1492
S6369	0.39	15.00	70.00	2.5000	Red_Deer_5yr_Chicago_2h I12STM1486
S6370	0.32	15.00	70.00	2.6400	Red_Deer_5yr_Chicago_2h I13STM1474
S6371	0.46	15.00	70.00	2.7100	Red_Deer_5yr_Chicago_2h I13STM1534
S6372	0.21	15.00	70.00	2.9300	Red_Deer_5yr_Chicago_2h I13STM1496
S6373_1	0.17	15.00	70.00	2.9200	Red_Deer_5yr_Chicago_2h H11STM1499
S6373_3	0.19	15.00	70.00	2.9200	Red_Deer_5yr_Chicago_2h H12STM1506
S6373_4	0.32	15.00	70.00	2.9200	Red_Deer_5yr_Chicago_2h I12STM1502
S6374	0.06	15.00	50.00	3.0000	Red_Deer_5yr_Chicago_2h H11STM1499
S64	0.69	46.00	65.00	0.8000	Red_Deer_5yr_Chicago_2h 752_ADD
S65	0.29	30.00	40.00	2.3000	Red_Deer_5yr_Chicago_2h 752_ADD
S66	0.28	30.00	40.00	2.3000	Red_Deer_5yr_Chicago_2h 752_ADD
S69	0.39	30.00	50.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S7	0.33	15.00	70.00	4.4500	Red_Deer_5yr_Chicago_2h J110
S70	0.34	30.00	50.00	0.8200	Red_Deer_5yr_Chicago_2h J362
S71	0.40	30.00	40.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S72	0.48	35.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S722	3.62	190.26	30.00	3.9900	Red_Deer_5yr_Chicago_2h J529
S723	26.43	257.03	5.00	3.3900	Red_Deer_5yr_Chicago_2h OF2
S73	0.49	35.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S733	0.06	15.00	40.00	4.6600	Red_Deer_5yr_Chicago_2h G14STM76
S734	0.07	15.00	40.00	5.7000	Red_Deer_5yr_Chicago_2h G14STM76
S74	0.32	35.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S75	0.13	20.00	65.00	0.8200	Red_Deer_5yr_Chicago_2h J358_ADD
S779	0.06	15.00	40.00	6.2600	Red_Deer_5yr_Chicago_2h G14STM71
S781	0.06	15.00	40.00	3.4800	Red_Deer_5yr_Chicago_2h F14STM61
S782	0.06	15.00	40.00	6.9700	Red_Deer_5yr_Chicago_2h H14STM69
S788	0.07	15.00	40.00	5.8700	Red_Deer_5yr_Chicago_2h G14STM74
S793	0.07	15.00	40.00	4.2700	Red_Deer_5yr_Chicago_2h F14STM61
S8	0.33	30.00	40.00	0.4800	Red_Deer_5yr_Chicago_2h J428
S8_1	4.43	84.38	80.00	2.6800	Red_Deer_5yr_Chicago_2h J10STM1876
S8_2	1.36	140.63	80.00	2.6800	Red_Deer_5yr_Chicago_2h I11STM92
S802	0.07	15.00	40.00	5.9300	Red_Deer_5yr_Chicago_2h G14STM71
S805	0.06	15.00	40.00	4.5000	Red_Deer_5yr_Chicago_2h G14STM75
S807	0.06	15.00	40.00	4.8400	Red_Deer_5yr_Chicago_2h G14STM71
S808	0.06	15.00	40.00	3.5100	Red_Deer_5yr_Chicago_2h F14STM61
S809	0.07	15.00	40.00	4.9800	Red_Deer_5yr_Chicago_2h G14STM75
S813	0.06	15.00	40.00	5.4500	Red_Deer_5yr_Chicago_2h G14STM71

S814	0.06	15.00	40.00	5.6900	Red_Deer_5yr_Chicago_2h G14STM71
S815	0.06	15.00	40.00	4.5500	Red_Deer_5yr_Chicago_2h F14STM61
S816	0.06	15.00	40.00	3.7800	Red_Deer_5yr_Chicago_2h F14STM61
S817	0.06	15.00	40.00	4.1300	Red_Deer_5yr_Chicago_2h F14STM61
S818	0.06	15.00	40.00	4.3000	Red_Deer_5yr_Chicago_2h F14STM61
S819	0.08	15.00	40.00	5.7200	Red_Deer_5yr_Chicago_2h H14STM69
S820	0.09	15.00	40.00	6.9100	Red_Deer_5yr_Chicago_2h H14STM70
S823	0.08	15.00	40.00	5.6000	Red_Deer_5yr_Chicago_2h G14STM71
S826	0.14	15.00	40.00	5.4700	Red_Deer_5yr_Chicago_2h H14STM69
S828	0.10	15.00	40.00	4.2200	Red_Deer_5yr_Chicago_2h F14STM61
S830	0.11	15.00	40.00	6.0000	Red_Deer_5yr_Chicago_2h G14STM74
S831	0.12	15.00	40.00	5.0100	Red_Deer_5yr_Chicago_2h G14STM74
S832	0.34	20.91	65.00	9.8600	Red_Deer_5yr_Chicago_2h F14STM271
S833	0.13	15.00	40.00	4.4700	Red_Deer_5yr_Chicago_2h F14STM61
S834	0.14	15.00	40.00	5.2600	Red_Deer_5yr_Chicago_2h G14STM71
S836	0.08	15.00	40.00	6.1000	Red_Deer_5yr_Chicago_2h H14STM70
S840	0.06	15.00	40.00	4.0600	Red_Deer_5yr_Chicago_2h G14STM71
S848	0.09	15.00	40.00	5.4000	Red_Deer_5yr_Chicago_2h H14STM70
S849	0.07	15.00	40.00	5.6100	Red_Deer_5yr_Chicago_2h H14STM69
S850	0.06	15.00	40.00	5.0800	Red_Deer_5yr_Chicago_2h G14STM75
S851	0.06	15.00	40.00	4.6500	Red_Deer_5yr_Chicago_2h F14STM61
S852	0.06	15.00	40.00	5.3600	Red_Deer_5yr_Chicago_2h G14STM74
S853	0.08	15.00	40.00	4.2700	Red_Deer_5yr_Chicago_2h G14STM74
S854	0.09	15.00	40.00	6.9600	Red_Deer_5yr_Chicago_2h H14STM69
S855	0.08	15.00	40.00	4.6100	Red_Deer_5yr_Chicago_2h G14STM75
S87	0.38	30.00	55.20	0.8200	Red_Deer_5yr_Chicago_2h J362
S878	0.07	15.00	40.00	4.8300	Red_Deer_5yr_Chicago_2h H14STM69
S879	0.06	15.00	40.00	3.5800	Red_Deer_5yr_Chicago_2h G14STM71
S88	0.34	30.00	50.00	2.2800	Red_Deer_5yr_Chicago_2h J428
S881	0.06	15.00	40.00	4.3300	Red_Deer_5yr_Chicago_2h G14STM75
S882	0.06	15.00	40.00	4.7400	Red_Deer_5yr_Chicago_2h F14STM61
S884	0.07	15.00	40.00	6.0500	Red_Deer_5yr_Chicago_2h G14STM75
S885	0.06	15.00	40.00	4.1400	Red_Deer_5yr_Chicago_2h G14STM74
S886	0.06	15.00	40.00	4.6400	Red_Deer_5yr_Chicago_2h G14STM71
S887	0.07	15.00	40.00	5.5500	Red_Deer_5yr_Chicago_2h I14STM1517
S895	0.14	15.00	40.00	6.4300	Red_Deer_5yr_Chicago_2h G14STM71
S898	0.08	15.00	40.00	5.0200	Red_Deer_5yr_Chicago_2h I14STM1517
S9	0.54	20.00	40.00	1.4100	Red_Deer_5yr_Chicago_2h I11STM92
S901	0.06	15.00	40.00	5.4700	Red_Deer_5yr_Chicago_2h H14STM69
S902	0.08	15.00	40.00	5.6900	Red_Deer_5yr_Chicago_2h G14STM74
S919	0.06	15.00	40.00	6.5100	Red_Deer_5yr_Chicago_2h I14STM1517
S92	0.61	15.00	40.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S927	0.08	15.00	40.00	5.5900	Red_Deer_5yr_Chicago_2h I14STM1517
S93	0.60	15.00	40.00	1.1300	Red_Deer_5yr_Chicago_2h OF2
S931	0.06	15.00	40.00	4.7200	Red_Deer_5yr_Chicago_2h G14STM75
S933	0.06	15.00	40.00	5.0600	Red_Deer_5yr_Chicago_2h F14STM61
S935	0.06	15.00	40.00	5.2500	Red_Deer_5yr_Chicago_2h G14STM71
S936	0.11	11.86	65.00	7.1000	Red_Deer_5yr_Chicago_2h J109
S940	0.06	15.00	40.00	5.1500	Red_Deer_5yr_Chicago_2h I14STM1517
S943	0.10	15.00	40.00	5.4700	Red_Deer_5yr_Chicago_2h F14STM61
S944	0.09	15.00	40.00	3.7400	Red_Deer_5yr_Chicago_2h F14STM61
S945	0.05	15.00	40.00	4.8900	Red_Deer_5yr_Chicago_2h F14STM61
S946	0.06	15.00	40.00	4.4300	Red_Deer_5yr_Chicago_2h F14STM61
S947	0.06	15.00	40.00	4.4700	Red_Deer_5yr_Chicago_2h F14STM61
S948	0.06	15.00	40.00	5.7000	Red_Deer_5yr_Chicago_2h F14STM61
S949	0.06	15.00	40.00	5.5400	Red_Deer_5yr_Chicago_2h F14STM61
S952	0.07	15.00	40.00	8.1500	Red_Deer_5yr_Chicago_2h G14STM71
S957	0.06	15.00	40.00	8.4300	Red_Deer_5yr_Chicago_2h H14STM69
S958	0.06	15.00	40.00	4.8100	Red_Deer_5yr_Chicago_2h G14STM71
S959	0.17	14.68	65.00	7.3800	Red_Deer_5yr_Chicago_2h F14STM271
S962	0.06	15.00	40.00	5.8500	Red_Deer_5yr_Chicago_2h I14STM1517
S969	0.10	15.00	40.00	6.4000	Red_Deer_5yr_Chicago_2h H14STM70
S976	0.06	15.00	40.00	5.0400	Red_Deer_5yr_Chicago_2h I14STM1517
S978	0.06	15.00	40.00	5.4900	Red_Deer_5yr_Chicago_2h G14STM75
S981	0.06	15.00	40.00	4.7900	Red_Deer_5yr_Chicago_2h F14STM61
S982	0.07	15.00	40.00	6.7900	Red_Deer_5yr_Chicago_2h G14STM71
S983	0.07	15.00	40.00	6.5400	Red_Deer_5yr_Chicago_2h H14STM70
S987	0.11	15.00	40.00	3.9100	Red_Deer_5yr_Chicago_2h J368
S989	0.06	15.00	40.00	5.5100	Red_Deer_5yr_Chicago_2h H14STM1518
S994	0.07	15.00	40.00	7.3300	Red_Deer_5yr_Chicago_2h H14STM70
S996	0.07	9.64	65.00	4.6100	Red_Deer_5yr_Chicago_2h J109
S998	0.06	15.00	40.00	6.2000	Red_Deer_5yr_Chicago_2h H14STM1518
S999	0.06	15.00	40.00	3.6900	Red_Deer_5yr_Chicago_2h F14STM61

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Node Summary
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Name	Invert Type	Max. Ponded Elev.	External Depth	Area	Inflow
732_ADD	JUNCTION	942.41	2.31	0.0	
734_ADD	JUNCTION	941.14	1.87	0.0	
735_ADD	JUNCTION	940.79	2.58	0.0	
736_ADD	JUNCTION	941.65	2.08	0.0	
737_ADD	JUNCTION	940.71	1.33	0.0	
738_ADD	JUNCTION	940.62	1.70	0.0	
739_ADD	JUNCTION	941.35	1.97	0.0	
740_ADD	JUNCTION	941.90	1.24	0.0	
741_ADD	JUNCTION	941.26	1.66	0.0	
743_ADD	JUNCTION	940.29	1.67	0.0	
745_ADD	JUNCTION	940.17	1.96	0.0	
746_ADD	JUNCTION	940.94	1.71	0.0	
748_ADD	JUNCTION	943.08	2.27	0.0	
749_ADD	JUNCTION	942.19	1.89	0.0	
750_ADD	JUNCTION	941.91	2.82	0.0	
751_ADD	JUNCTION	941.52	2.50	0.0	
752_ADD	JUNCTION	941.66	3.08	0.0	
753_ADD	JUNCTION	943.16	1.50	0.0	
754_ADD	JUNCTION	941.55	2.47	0.0	
755_ADD	JUNCTION	942.27	1.65	0.0	
A11STM239	JUNCTION	947.76	4.59	0.0	
A12STM48	JUNCTION	954.91	4.21	0.0	
A12STM50	JUNCTION	952.99	3.92	0.0	
A12STM51	JUNCTION	952.42	2.09	0.0	
A12STM52	JUNCTION	950.17	4.64	0.0	
A12STM53	JUNCTION	950.83	3.79	0.0	
A12STM55	JUNCTION	949.55	4.24	0.0	
A12STM56	JUNCTION	949.22	4.05	0.0	
A12STM57	JUNCTION	947.83	4.16	0.0	
A12STM58	JUNCTION	948.70	3.55	0.0	
A13STM2271	JUNCTION	958.88	3.43	0.0	
A13STM2272	JUNCTION	958.50	3.31	0.0	
A13STM2273	JUNCTION	956.41	3.22	0.0	
A13STM2274	JUNCTION	953.47	4.30	0.0	
A13STM2275	JUNCTION	959.74	3.27	0.0	
A13STM44	JUNCTION	959.65	1.98	0.0	
A13STM45	JUNCTION	957.72	4.18	0.0	
A13STM46	JUNCTION	956.74	5.26	0.0	
A13STM49	JUNCTION	956.70	2.28	0.0	
A13STM54	JUNCTION	951.71	4.46	0.0	
A14STM25	JUNCTION	961.77	3.43	0.0	
A14STM26	JUNCTION	961.57	2.87	0.0	
A14STM27	JUNCTION	961.18	2.92	0.0	
A14STM31	JUNCTION	961.60	2.99	0.0	
A14STM32	JUNCTION	961.94	2.23	0.0	
A14STM33	JUNCTION	962.12	2.78	0.0	
A14STM34	JUNCTION	962.36	1.98	0.0	
A15STM2	JUNCTION	969.58	2.07	0.0	
A15STM3	JUNCTION	966.95	2.13	0.0	
A15STM4	JUNCTION	964.11	4.24	0.0	
A15STM5	JUNCTION	962.43	2.01	0.0	
A15STM6	JUNCTION	962.28	5.51	0.0	
A15STM691	JUNCTION	972.09	2.21	0.0	
A15STM7	JUNCTION	963.45	1.75	0.0	
A16STM687	JUNCTION	974.22	2.29	0.0	
A16STM688	JUNCTION	972.96	2.30	0.0	
A16STM689	JUNCTION	971.39	3.53	0.0	
A17STM681	JUNCTION	979.24	1.85	0.0	
A17STM682	JUNCTION	977.06	1.97	0.0	
A5STM1	JUNCTION	948.14	2.22	0.0	
A5STM158	JUNCTION	949.38	2.31	0.0	
A5STM160	JUNCTION	949.82	2.34	0.0	
A5STM161	JUNCTION	951.93	2.03	0.0	
A6STM159	JUNCTION	948.03	2.07	0.0	
A6STM162	JUNCTION	945.40	2.23	0.0	
A6STM163	JUNCTION	946.17	1.64	0.0	
A7STM165	JUNCTION	947.63	2.80	0.0	
A7STM166	JUNCTION	945.59	3.22	0.0	
B11STM231	JUNCTION	949.50	2.74	0.0	

B11STM232	JUNCTION	950.51	2.17	0.0
B11STM233	JUNCTION	951.42	2.19	0.0
B11STM238	JUNCTION	947.67	5.09	0.0
B12STM220	JUNCTION	959.40	2.39	0.0
B12STM227	JUNCTION	957.06	4.08	0.0
B12STM228	JUNCTION	956.45	3.01	0.0
B12STM229	JUNCTION	953.05	3.13	0.0
B12STM230	JUNCTION	952.00	2.48	0.0
B13STM215	JUNCTION	962.30	2.19	0.0
B13STM216	JUNCTION	961.08	2.89	0.0
B13STM224	JUNCTION	960.01	2.84	0.0
B13STM225	JUNCTION	959.94	2.50	0.0
B13STM226	JUNCTION	957.84	4.30	0.0
B13STM240	JUNCTION	960.95	4.33	0.0
B13STM241	JUNCTION	962.60	3.06	0.0
B13STM242	JUNCTION	962.96	2.23	0.0
B13STM41	JUNCTION	959.01	4.08	0.0
B13STM42	JUNCTION	958.85	4.04	0.0
B13STM43	JUNCTION	958.38	4.09	0.0
B13STM47	JUNCTION	955.85	5.58	0.0
B14STM204	JUNCTION	969.36	2.39	0.0
B14STM214	JUNCTION	964.85	3.24	0.0
B14STM30	JUNCTION	959.64	3.53	0.0
B14STM35	JUNCTION	962.71	2.89	0.0
B14STM36	JUNCTION	964.06	2.77	0.0
B14STM37	JUNCTION	965.20	2.66	0.0
B14STM38	JUNCTION	965.76	2.47	0.0
B14STM39	JUNCTION	962.50	2.28	0.0
B14STM40	JUNCTION	962.74	1.79	0.0
B15STM10	JUNCTION	970.08	3.19	0.0
B15STM11	JUNCTION	970.18	2.90	0.0
B15STM12	JUNCTION	970.32	1.80	0.0
B15STM13	JUNCTION	968.93	3.22	0.0
B15STM14	JUNCTION	967.00	2.27	0.0
B15STM15	JUNCTION	966.40	2.21	0.0
B15STM16	JUNCTION	968.32	2.15	0.0
B15STM17	JUNCTION	970.53	2.11	0.0
B15STM18	JUNCTION	971.10	2.45	0.0
B15STM19	JUNCTION	971.46	2.81	0.0
B15STM195	JUNCTION	972.81	2.85	0.0
B15STM197	JUNCTION	973.34	2.35	0.0
B15STM199	JUNCTION	973.70	2.22	0.0
B15STM20	JUNCTION	971.64	2.10	0.0
B15STM21	JUNCTION	971.60	3.75	0.0
B15STM22	JUNCTION	971.75	1.80	0.0
B15STM24	JUNCTION	973.03	1.80	0.0
B15STM692	JUNCTION	967.74	5.80	0.0
B15STM8	JUNCTION	964.10	3.01	0.0
B15STM9	JUNCTION	970.33	2.01	0.0
B16STM192	JUNCTION	971.13	4.22	0.0
B16STM193	JUNCTION	970.53	3.27	0.0
B16STM194	JUNCTION	972.19	3.75	0.0
B16STM23	JUNCTION	972.93	2.91	0.0
B16STM671	JUNCTION	973.83	2.61	0.0
B16STM672	JUNCTION	974.85	3.45	0.0
B16STM674	JUNCTION	973.70	3.71	0.0
B16STM675	JUNCTION	973.48	3.11	0.0
B16STM678	JUNCTION	973.91	4.27	0.0
B16STM690	JUNCTION	970.30	2.15	0.0
B17STM1071	JUNCTION	976.49	4.81	0.0
B17STM1072	JUNCTION	977.03	4.39	0.0
B17STM1082	JUNCTION	977.34	3.88	0.0
B17STM1083	JUNCTION	977.55	3.51	0.0
B17STM673	JUNCTION	975.40	4.91	0.0
B17STM676	JUNCTION	978.64	1.97	0.0
B17STM677	JUNCTION	976.86	2.14	0.0
B17STM679	JUNCTION	978.78	2.31	0.0
B17STM680	JUNCTION	977.87	2.14	0.0
B17STM683	JUNCTION	975.74	2.39	0.0
B17STM684	JUNCTION	974.42	3.02	0.0
B17STM685	JUNCTION	974.85	2.41	0.0
B17STM686	JUNCTION	974.06	3.95	0.0
B18STM1084	JUNCTION	977.70	3.61	0.0
B6STM164	JUNCTION	943.84	1.52	0.0
B6STM173	JUNCTION	938.99	3.01	0.0

B6STM174	JUNCTION	938.91	2.34	0.0
B7STM167	JUNCTION	943.69	3.00	0.0
B7STM168	JUNCTION	940.55	2.92	0.0
B7STM169	JUNCTION	939.62	2.41	0.0
B7STM170	JUNCTION	940.06	2.25	0.0
B7STM171	JUNCTION	939.34	2.29	0.0
B7STM172	JUNCTION	939.09	2.40	0.0
B7STM175	JUNCTION	938.02	3.34	0.0
B7STM176	JUNCTION	939.60	1.50	0.0
B7STM177	JUNCTION	937.68	3.14	0.0
B7STM184	JUNCTION	938.37	2.83	0.0
B8STM190	JUNCTION	937.94	3.08	0.0
B8STM191	JUNCTION	939.15	2.96	0.0
C11STM234	JUNCTION	952.46	3.63	0.0
C11STM235	JUNCTION	953.42	4.33	0.0
C11STM236	JUNCTION	954.23	4.53	0.0
C11STM237	JUNCTION	956.11	4.34	0.0
C11STM257	JUNCTION	956.28	4.35	0.0
C11STM258	JUNCTION	957.11	5.64	0.0
C12STM221	JUNCTION	960.41	2.00	0.0
C12STM222	JUNCTION	961.06	2.11	0.0
C12STM223	JUNCTION	963.97	2.10	0.0
C12STM253	JUNCTION	960.02	9.35	0.0
C12STM254	JUNCTION	958.41	7.61	0.0
C12STM256	JUNCTION	958.20	7.42	0.0
C13STM217	JUNCTION	960.16	2.70	0.0
C13STM218	JUNCTION	960.25	2.04	0.0
C13STM219	JUNCTION	959.87	2.64	0.0
C13STM252	JUNCTION	962.18	7.16	0.0
C14STM205	JUNCTION	970.31	1.50	0.0
C14STM206	JUNCTION	971.43	2.12	0.0
C14STM207	JUNCTION	969.72	2.27	0.0
C14STM208	JUNCTION	969.45	2.90	0.0
C14STM209	JUNCTION	967.30	2.93	0.0
C14STM210	JUNCTION	967.09	3.19	0.0
C14STM211	JUNCTION	968.85	2.27	0.0
C14STM212	JUNCTION	968.35	2.36	0.0
C14STM213	JUNCTION	965.24	2.02	0.0
C15STM196	JUNCTION	974.69	2.05	0.0
C15STM198	JUNCTION	976.40	1.70	0.0
C15STM200	JUNCTION	974.45	2.37	0.0
C15STM201	JUNCTION	974.74	2.37	0.0
C15STM202	JUNCTION	975.12	3.23	0.0
C16STM1085	JUNCTION	975.66	3.55	0.0
C16STM1086	JUNCTION	977.14	2.30	0.0
C16STM1087	JUNCTION	976.25	3.67	0.0
C16STM1088	JUNCTION	976.01	3.68	0.0
C16STM1089	JUNCTION	976.49	3.15	0.0
C17STM1073	JUNCTION	977.96	2.95	0.0
C17STM1074	JUNCTION	977.34	3.49	0.0
C17STM1075	JUNCTION	978.08	2.78	0.0
C17STM1076	JUNCTION	978.47	2.31	0.0
C17STM1078	JUNCTION	978.94	1.41	0.0
C17STM1079	JUNCTION	978.61	1.69	0.0
C17STM1080	JUNCTION	978.36	2.69	0.0
C17STM1081	JUNCTION	978.84	1.52	0.0
C17STM1090	JUNCTION	977.23	3.61	0.0
C18STM1077	JUNCTION	978.93	1.89	0.0
C6STM180	JUNCTION	937.91	1.50	0.0
C6STM181	JUNCTION	938.01	1.30	0.0
C7STM178	JUNCTION	937.51	3.21	0.0
C7STM179	JUNCTION	937.33	3.03	0.0
C7STM182	JUNCTION	937.20	3.39	0.0
C7STM183	JUNCTION	937.24	3.03	0.0
C7STM185	JUNCTION	937.91	2.72	0.0
C7STM187	JUNCTION	937.76	3.05	0.0
C8STM188	JUNCTION	937.20	3.29	0.0
C8STM189	JUNCTION	937.50	3.00	0.0
CULV5002	JUNCTION	939.79	1.50	0.0
CULV5004	JUNCTION	939.49	1.50	0.0
CULV5158_Inlet	JUNCTION	937.01	1.50	0.0
CULV5159_Outlet	JUNCTION	936.81	1.50	0.0
CULV5170	JUNCTION	936.72	1.50	0.0
CULV5171	JUNCTION	936.51	1.69	0.0
CULV5178	JUNCTION	937.50	1.15	0.0

CULV5179	JUNCTION	937.85	1.00	0.0
CULV5207	JUNCTION	936.10	1.00	0.0
CULV5210	JUNCTION	936.82	1.00	0.0
CULV5252	JUNCTION	938.08	1.00	0.0
CULV5258	JUNCTION	938.23	1.32	0.0
CULV5259	JUNCTION	938.43	1.00	0.0
CULV5260	JUNCTION	939.01	1.00	0.0
CULV5262	JUNCTION	939.14	1.00	0.0
CULV5263	JUNCTION	938.94	1.29	0.0
CULV5287	JUNCTION	939.90	1.00	0.0
CULV5306	JUNCTION	938.38	1.07	0.0
CULV5307	JUNCTION	938.65	1.00	0.0
CULV5314	JUNCTION	937.11	1.25	0.0
CULV5315	JUNCTION	937.31	1.00	0.0
CULV5354	JUNCTION	938.49	1.00	0.0
CULV5385	JUNCTION	940.42	1.00	0.0
CULV5397	JUNCTION	939.19	1.00	0.0
CULV5415	JUNCTION	941.98	1.00	0.0
CULV5440	JUNCTION	936.79	1.00	0.0
CULV5444	JUNCTION	936.70	1.00	0.0
CULV5445	JUNCTION	936.50	1.15	0.0
CULV5446	JUNCTION	935.60	1.50	0.0
CULV5447	JUNCTION	935.79	1.50	0.0
CULV5450	JUNCTION	936.46	1.00	0.0
CULV5451	JUNCTION	936.55	1.00	0.0
CULV5452	JUNCTION	935.90	1.53	0.0
CULV5453	JUNCTION	935.93	2.00	0.0
CULV5454	JUNCTION	937.19	1.00	0.0
CULV5466	JUNCTION	938.23	1.50	0.0
CULV5467	JUNCTION	938.03	1.52	0.0
CULV5471	JUNCTION	953.13	1.00	0.0
CULV5472	JUNCTION	952.71	1.00	0.0
CULV5474_Outlet	JUNCTION	945.48	1.60	0.0
CULV5475_Inlet	JUNCTION	945.78	1.50	0.0
CULV5479	JUNCTION	954.87	1.00	0.0
CULV5481	JUNCTION	952.61	1.00	0.0
CULV5484	JUNCTION	952.31	1.10	0.0
CULV5485	JUNCTION	951.46	1.65	0.0
CULV5504	JUNCTION	936.18	1.26	0.0
CULV5505	JUNCTION	936.63	1.00	0.0
CULV5537_ADD	JUNCTION	986.89	1.00	0.0
CULV5538_ADD	JUNCTION	991.13	1.00	0.0
D12STM255	JUNCTION	962.73	2.07	0.0
D13STM250	JUNCTION	965.85	1.94	0.0
D13STM251	JUNCTION	964.60	2.45	0.0
D14STM243	JUNCTION	968.29	1.09	0.0
D14STM244	JUNCTION	967.69	1.97	0.0
D14STM245	JUNCTION	971.16	3.09	0.0
D14STM246	JUNCTION	971.79	3.35	0.0
D14STM247	JUNCTION	969.78	1.88	0.0
D14STM248	JUNCTION	971.98	1.60	0.0
D14STM249	JUNCTION	967.92	1.74	0.0
F14STM271	JUNCTION	977.21	2.20	0.0
F14STM272	JUNCTION	974.09	1.50	0.0
F14STM273	JUNCTION	973.10	1.20	0.0
F14STM59	JUNCTION	971.41	2.10	0.0
F14STM60	JUNCTION	968.10	2.55	0.0
F14STM61	JUNCTION	963.23	2.39	0.0
F8STM265	JUNCTION	937.31	2.98	0.0
F8STM266	JUNCTION	937.25	3.11	0.0
F8STM270	JUNCTION	936.49	3.78	0.0
F9STM259	JUNCTION	939.81	1.50	0.0
F9STM264	JUNCTION	937.62	2.08	0.0
G14STM62	JUNCTION	959.80	2.90	0.0
G14STM63	JUNCTION	958.00	3.68	0.0
G14STM64	JUNCTION	955.65	3.78	0.0
G14STM65	JUNCTION	953.46	3.91	0.0
G14STM66	JUNCTION	955.61	1.95	0.0
G14STM67	JUNCTION	955.43	4.46	0.0
G14STM68	JUNCTION	955.13	4.62	0.0
G14STM71	JUNCTION	957.26	2.97	0.0
G14STM72	JUNCTION	958.39	2.20	0.0
G14STM73	JUNCTION	961.68	3.59	0.0
G14STM74	JUNCTION	959.72	2.73	0.0
G14STM75	JUNCTION	962.64	2.70	0.0

G14STM76	JUNCTION	965.05	3.89	0.0
G14STM76_ADD	JUNCTION	965.05	3.59	0.0
G7STM261	JUNCTION	935.90	2.83	0.0
G7STM262	JUNCTION	934.94	3.48	0.0
G8STM260	JUNCTION	935.98	3.14	0.0
G8STM269	JUNCTION	936.03	3.36	0.0
GCMH1	JUNCTION	944.21	3.90	0.0
GCMH10	JUNCTION	970.21	4.20	0.0
GCMH100	JUNCTION	988.12	2.41	0.0
GCMH101	JUNCTION	985.76	2.86	0.0
GCMH102	JUNCTION	984.00	1.20	0.0
GCMH107	JUNCTION	948.10	1.00	0.0
GCMH108	JUNCTION	949.08	1.00	0.0
GCMH109	JUNCTION	942.09	4.16	0.0
GCMH11	JUNCTION	970.73	3.71	0.0
GCMH110	JUNCTION	975.71	4.10	0.0
GCMH111	JUNCTION	977.83	2.36	0.0
GCMH114	JUNCTION	980.39	3.44	0.0
GCMH115	JUNCTION	978.62	4.21	0.0
GCMH116	JUNCTION	966.77	3.41	0.0
GCMH117	JUNCTION	971.39	3.50	0.0
GCMH118	JUNCTION	969.60	3.57	0.0
GCMH119	JUNCTION	967.80	2.69	0.0
GCMH12	JUNCTION	970.48	3.19	0.0
GCMH120	JUNCTION	967.58	2.69	0.0
GCMH121	JUNCTION	965.38	0.45	0.0
GCMH122	JUNCTION	973.29	1.00	0.0
GCMH123	JUNCTION	952.67	0.41	0.0
GCMH124	JUNCTION	952.48	0.50	0.0
GCMH125	JUNCTION	952.35	1.00	0.0
GCMH126	JUNCTION	952.65	0.50	0.0
GCMH127	JUNCTION	976.52	3.12	0.0
GCMH129	JUNCTION	980.86	1.00	0.0
GCMH13	JUNCTION	968.87	4.24	0.0
GCMH131	JUNCTION	979.31	2.09	0.0
GCMH132	JUNCTION	946.80	2.64	0.0
GCMH133	JUNCTION	982.79	0.76	0.0
GCMH134	JUNCTION	987.95	2.92	0.0
GCMH135	JUNCTION	986.51	3.30	0.0
GCMH136	JUNCTION	979.63	3.05	0.0
GCMH137	JUNCTION	981.75	3.37	0.0
GCMH138	JUNCTION	983.18	2.67	0.0
GCMH139	JUNCTION	983.95	1.73	0.0
GCMH14	JUNCTION	967.96	3.64	0.0
GCMH140	JUNCTION	954.80	1.00	0.0
GCMH141	JUNCTION	983.72	2.75	0.0
GCMH142	JUNCTION	987.13	3.87	0.0
GCMH143	JUNCTION	987.69	2.68	0.0
GCMH144	JUNCTION	988.37	3.42	0.0
GCMH145	JUNCTION	948.22	2.52	0.0
GCMH146	JUNCTION	948.75	2.74	0.0
GCMH147	JUNCTION	948.95	2.38	0.0
GCMH148	JUNCTION	952.83	2.76	0.0
GCMH149	JUNCTION	977.50	1.74	0.0
GCMH15	JUNCTION	968.07	5.00	0.0
GCMH150	JUNCTION	978.54	1.02	0.0
GCMH151	JUNCTION	982.36	3.50	0.0
GCMH152	JUNCTION	983.26	3.36	0.0
GCMH153	JUNCTION	980.10	1.50	0.0
GCMH154	JUNCTION	983.31	3.79	0.0
GCMH155	JUNCTION	977.33	1.23	0.0
GCMH156	JUNCTION	980.52	2.77	0.0
GCMH157	JUNCTION	976.23	1.30	0.0
GCMH158	JUNCTION	976.67	1.27	0.0
GCMH159	JUNCTION	982.31	3.05	0.0
GCMH16	JUNCTION	973.52	9.40	0.0
GCMH160	JUNCTION	982.45	2.73	0.0
GCMH17	JUNCTION	966.28	2.84	0.0
GCMH18	JUNCTION	966.10	3.27	0.0
GCMH19	JUNCTION	966.00	4.64	0.0
GCMH2	JUNCTION	953.05	1.00	0.0
GCMH20	JUNCTION	965.41	4.87	0.0
GCMH21	JUNCTION	963.61	4.44	0.0
GCMH22	JUNCTION	964.80	14.56	0.0
GCMH23	JUNCTION	964.92	3.17	0.0

GCMH24	JUNCTION	965.91	3.15	0.0
GCMH25	JUNCTION	967.08	2.69	0.0
GCMH26	JUNCTION	967.26	2.42	0.0
GCMH27	JUNCTION	970.82	2.99	0.0
GCMH28	JUNCTION	967.04	2.90	0.0
GCMH29	JUNCTION	970.14	2.55	0.0
GCMH3	JUNCTION	939.09	2.71	0.0
GCMH30	JUNCTION	967.11	3.34	0.0
GCMH31	JUNCTION	966.67	3.50	0.0
GCMH32	JUNCTION	941.40	4.63	0.0
GCMH33	JUNCTION	979.18	1.96	0.0
GCMH34	JUNCTION	975.69	1.67	0.0
GCMH35	JUNCTION	983.67	3.06	0.0
GCMH36	JUNCTION	980.73	3.68	0.0
GCMH37	JUNCTION	978.98	3.45	0.0
GCMH38	JUNCTION	976.45	3.71	0.0
GCMH39	JUNCTION	975.32	1.86	0.0
GCMH40	JUNCTION	975.08	4.23	0.0
GCMH41	JUNCTION	973.65	5.45	0.0
GCMH42	JUNCTION	972.46	3.01	0.0
GCMH43	JUNCTION	975.65	2.95	0.0
GCMH44	JUNCTION	974.77	1.83	0.0
GCMH46	JUNCTION	971.79	2.97	0.0
GCMH47	JUNCTION	973.05	0.65	0.0
GCMH48	JUNCTION	975.31	0.61	0.0
GCMH49	JUNCTION	973.79	0.63	0.0
GCMH5	JUNCTION	950.02	0.30	0.0
GCMH50	JUNCTION	974.79	1.98	0.0
GCMH51	JUNCTION	982.94	2.62	0.0
GCMH52	JUNCTION	982.94	2.78	0.0
GCMH54	JUNCTION	988.47	2.77	0.0
GCMH55	JUNCTION	943.11	3.01	0.0
GCMH56	JUNCTION	938.55	1.00	0.0
GCMH57	JUNCTION	938.30	1.05	0.0
GCMH58	JUNCTION	941.57	4.41	0.0
GCMH6	JUNCTION	964.02	2.68	0.0
GCMH60	JUNCTION	962.10	3.03	0.0
GCMH61	JUNCTION	941.73	4.42	0.0
GCMH62	JUNCTION	970.91	2.10	0.0
GCMH63	JUNCTION	938.89	2.19	0.0
GCMH64	JUNCTION	952.45	0.61	0.0
GCMH65	JUNCTION	946.29	4.58	0.0
GCMH66	JUNCTION	947.28	3.71	0.0
GCMH67	JUNCTION	959.03	2.56	0.0
GCMH68	JUNCTION	958.83	2.56	0.0
GCMH7	JUNCTION	979.62	3.51	0.0
GCMH70	JUNCTION	959.33	1.72	0.0
GCMH71	JUNCTION	960.80	1.98	0.0
GCMH72	JUNCTION	961.08	1.50	0.0
GCMH73	JUNCTION	961.84	2.24	0.0
GCMH74	JUNCTION	965.53	1.34	0.0
GCMH75	JUNCTION	964.97	2.31	0.0
GCMH76	JUNCTION	961.10	3.01	0.0
GCMH77	JUNCTION	947.77	1.00	0.0
GCMH78	JUNCTION	939.51	1.00	0.0
GCMH79	JUNCTION	939.03	0.71	0.0
GCMH8	JUNCTION	976.61	3.60	0.0
GCMH80	JUNCTION	937.10	1.50	0.0
GCMH81	JUNCTION	946.69	2.30	0.0
GCMH82	JUNCTION	946.49	4.17	0.0
GCMH83	JUNCTION	967.44	1.00	0.0
GCMH84	JUNCTION	968.65	2.92	0.0
GCMH85	JUNCTION	968.64	3.32	0.0
GCMH86	JUNCTION	972.82	1.00	0.0
GCMH87	JUNCTION	973.32	2.00	0.0
GCMH88	JUNCTION	946.02	1.71	0.0
GCMH9	JUNCTION	974.00	3.39	0.0
GCMH91	JUNCTION	943.18	1.05	0.0
GCMH92	JUNCTION	938.80	1.00	0.0
GCMH93	JUNCTION	937.19	1.30	0.0
GCMH94	JUNCTION	952.22	2.13	0.0
GCMH95	JUNCTION	971.26	2.00	0.0
GCMH96	JUNCTION	974.56	1.86	0.0
GCMH97	JUNCTION	942.89	2.61	0.0
GCMH98	JUNCTION	946.33	1.05	0.0

GCMH99	JUNCTION	976.51	2.67	0.0
H11STM1499	JUNCTION	943.40	2.18	0.0
H11STM1500	JUNCTION	943.11	2.32	0.0
H12STM1492	JUNCTION	943.63	3.41	0.0
H12STM1493	JUNCTION	944.01	3.48	0.0
H12STM1495	JUNCTION	944.26	3.52	0.0
H12STM1498	JUNCTION	944.14	2.09	0.0
H12STM1505	JUNCTION	943.36	2.44	0.0
H12STM1506	JUNCTION	943.04	2.36	0.0
H12STM1537	JUNCTION	944.79	2.53	0.0
H13STM1494	JUNCTION	946.39	2.70	0.0
H13STM1519	JUNCTION	951.02	3.29	0.0
H13STM1531	JUNCTION	946.89	3.16	0.0
H13STM1532	JUNCTION	946.40	3.37	0.0
H13STM1533	JUNCTION	945.86	2.96	0.0
H13STM2276	JUNCTION	946.78	3.74	0.0
H14STM1518	JUNCTION	951.94	3.64	0.0
H14STM69	JUNCTION	957.97	3.46	0.0
H14STM70	JUNCTION	960.84	1.88	0.0
H7STM133	JUNCTION	938.03	1.54	0.0
H8STM134	JUNCTION	938.23	1.62	0.0
H8STM135	JUNCTION	938.32	1.44	0.0
H8STM136	JUNCTION	938.58	1.61	0.0
H8STM137	JUNCTION	938.83	1.64	0.0
H9STM138	JUNCTION	939.22	1.74	0.0
HPMH10	JUNCTION	939.96	1.28	0.0
HPMH11	JUNCTION	937.26	1.87	0.0
HPMH12	JUNCTION	936.73	1.95	0.0
HPMH13	JUNCTION	937.00	2.06	0.0
HPMH14	JUNCTION	936.88	2.37	0.0
HPMH15	JUNCTION	936.60	2.12	0.0
HPMH16	JUNCTION	940.68	1.50	0.0
HPMH17	JUNCTION	936.89	2.51	0.0
HPMH18	JUNCTION	937.01	1.93	0.0
HPMH19	JUNCTION	937.11	2.28	0.0
HPMH2	JUNCTION	936.42	1.50	0.0
HPMH20	JUNCTION	936.70	2.12	0.0
HPMH21	JUNCTION	937.52	1.77	0.0
HPMH22	JUNCTION	938.00	1.50	0.0
HPMH23	JUNCTION	936.65	1.13	0.0
HPMH25	JUNCTION	936.47	1.77	0.0
HPMH26	JUNCTION	937.90	1.50	0.0
HPMH28	JUNCTION	939.25	0.72	0.0
HPMH28_ADD	JUNCTION	939.25	1.00	0.0
HPMH29	JUNCTION	936.84	1.50	0.0
HPMH3	JUNCTION	937.00	1.50	0.0
HPMH33	JUNCTION	937.70	0.88	0.0
HPMH34	JUNCTION	937.57	1.50	0.0
HPMH36	JUNCTION	935.69	1.69	0.0
HPMH37	JUNCTION	937.49	1.61	0.0
HPMH38	JUNCTION	937.30	1.00	0.0
HPMH39	JUNCTION	936.15	1.50	0.0
HPMH4	JUNCTION	937.78	1.50	0.0
HPMH40	JUNCTION	937.17	1.89	0.0
HPMH41	JUNCTION	936.54	1.50	0.0
HPMH42	JUNCTION	936.63	1.50	0.0
HPMH43	JUNCTION	937.30	1.00	0.0
HPMH44_ADD	JUNCTION	938.90	1.00	0.0
HPMH45	JUNCTION	935.50	1.50	0.0
HPMH46	JUNCTION	935.19	1.50	0.0
HPMH47	JUNCTION	936.10	2.00	0.0
HPMH48	JUNCTION	937.69	1.96	0.0
HPMH49	JUNCTION	935.94	1.50	0.0
HPMH5	JUNCTION	936.63	1.50	0.0
HPMH51	JUNCTION	935.51	1.87	0.0
HPMH6	JUNCTION	936.73	1.50	0.0
HPMH7	JUNCTION	938.04	0.94	0.0
HPMH8	JUNCTION	938.24	0.75	0.0
HPMH9	JUNCTION	937.84	1.50	0.0
I10STM144	JUNCTION	939.84	1.40	0.0
I10STM145	JUNCTION	939.81	1.88	0.0
I10STM146	JUNCTION	939.67	1.78	0.0
I10STM147	JUNCTION	939.53	1.66	0.0
I10STM93	JUNCTION	940.08	1.97	0.0
I10STM94	JUNCTION	939.88	1.79	0.0

I10STM95	JUNCTION	939.73	2.07	0.0
I11STM1501	JUNCTION	943.00	2.61	0.0
I11STM153	JUNCTION	943.33	1.99	0.0
I11STM154	JUNCTION	942.96	2.18	0.0
I11STM92	JUNCTION	940.21	2.27	0.0
I12STM1471	JUNCTION	943.70	3.56	0.0
I12STM1472	JUNCTION	944.79	1.75	0.0
I12STM1473	JUNCTION	943.86	3.48	0.0
I12STM1481	JUNCTION	942.45	4.01	0.0
I12STM1483	JUNCTION	943.50	2.56	0.0
I12STM1484	JUNCTION	942.24	3.95	0.0
I12STM1485	JUNCTION	942.04	4.29	0.0
I12STM1486	JUNCTION	943.16	3.47	0.0
I12STM1487	JUNCTION	943.48	3.53	0.0
I12STM1488	JUNCTION	942.65	3.55	0.0
I12STM1489	JUNCTION	943.08	3.44	0.0
I12STM1502	JUNCTION	942.81	2.54	0.0
I12STM1503	JUNCTION	942.63	2.86	0.0
I12STM1504	JUNCTION	942.87	2.76	0.0
I12STM1507	JUNCTION	942.50	3.35	0.0
I12STM1508	JUNCTION	942.35	2.62	0.0
I12STM1511	JUNCTION	942.98	2.02	0.0
I12STM1513	JUNCTION	942.22	2.76	0.0
I12STM1514	JUNCTION	942.12	2.85	0.0
I12STM1515	JUNCTION	942.00	3.49	0.0
I13STM1474	JUNCTION	944.36	3.23	0.0
I13STM1475	JUNCTION	944.73	3.04	0.0
I13STM1476	JUNCTION	945.30	3.00	0.0
I13STM1477	JUNCTION	944.75	2.09	0.0
I13STM1478	JUNCTION	944.20	2.89	0.0
I13STM1479	JUNCTION	943.45	3.26	0.0
I13STM1480	JUNCTION	943.14	3.29	0.0
I13STM1482	JUNCTION	943.89	2.54	0.0
I13STM1496	JUNCTION	944.53	2.86	0.0
I13STM1497	JUNCTION	944.03	2.63	0.0
I13STM1525	JUNCTION	946.99	4.09	0.0
I13STM1526	JUNCTION	947.63	2.25	0.0
I13STM1527	JUNCTION	946.93	2.36	0.0
I13STM1534	JUNCTION	945.36	3.13	0.0
I13STM1536	JUNCTION	945.23	3.10	0.0
I14STM1517	JUNCTION	952.25	3.56	0.0
I14STM1520	JUNCTION	950.20	3.09	0.0
I14STM1521	JUNCTION	949.83	2.40	0.0
I14STM1522	JUNCTION	949.27	2.03	0.0
I14STM1524	JUNCTION	949.81	2.04	0.0
I14STM1528	JUNCTION	947.10	2.29	0.0
I14STM1529	JUNCTION	947.61	2.25	0.0
I14STM1530	JUNCTION	946.21	2.56	0.0
I7STM125	JUNCTION	937.58	1.50	0.0
I7STM128	JUNCTION	937.76	1.74	0.0
I7STM129	JUNCTION	937.86	1.32	0.0
I8STM100	JUNCTION	937.84	1.84	0.0
I8STM101	JUNCTION	938.16	1.31	0.0
I8STM102	JUNCTION	938.10	1.78	0.0
I8STM103	JUNCTION	938.36	0.94	0.0
I8STM104	JUNCTION	937.76	1.86	0.0
I8STM106	JUNCTION	937.57	1.88	0.0
I8STM111	JUNCTION	937.95	1.32	0.0
I8STM128	JUNCTION	938.14	1.33	0.0
I8STM130	JUNCTION	938.25	1.42	0.0
I8STM131	JUNCTION	938.26	0.90	0.0
I8STM132	JUNCTION	937.96	1.34	0.0
I8STM140	JUNCTION	938.57	1.55	0.0
I8STM141	JUNCTION	938.37	1.88	0.0
I8STM142	JUNCTION	938.20	1.86	0.0
I8STM151	JUNCTION	938.52	0.85	0.0
I8STM152	JUNCTION	938.32	1.42	0.0
I8STM99	JUNCTION	938.05	2.00	0.0
I9STM139	JUNCTION	939.27	1.78	0.0
I9STM143	JUNCTION	939.60	1.99	0.0
I9STM148	JUNCTION	939.27	1.58	0.0
I9STM149	JUNCTION	939.50	1.17	0.0
I9STM150	JUNCTION	939.17	1.07	0.0
I9STM96	JUNCTION	939.25	2.42	0.0
I9STM97	JUNCTION	938.93	2.19	0.0

I9STM98	JUNCTION	938.75	2.06	0.0
J1	JUNCTION	930.04	1.50	0.0
J10	JUNCTION	941.30	2.70	0.0
J100	JUNCTION	950.02	1.05	0.0
J101	JUNCTION	947.30	1.05	0.0
J102	JUNCTION	947.70	1.05	0.0
J103	JUNCTION	945.55	2.24	0.0
J104	JUNCTION	952.61	3.68	0.0
J105	JUNCTION	952.94	3.22	0.0
J106	JUNCTION	945.35	1.86	0.0
J107	JUNCTION	976.99	1.60	0.0
J108	JUNCTION	936.36	1.20	0.0
J109	JUNCTION	975.32	1.50	0.0
J10-Stan	JUNCTION	938.05	1.00	0.0
J10STM1873	JUNCTION	938.82	2.16	0.0
J10STM1874	JUNCTION	939.16	1.59	0.0
J10STM1875	JUNCTION	939.63	1.66	0.0
J10STM1876	JUNCTION	939.03	2.30	0.0
J10STM1877	JUNCTION	939.20	2.93	0.0
J11	JUNCTION	941.49	2.11	0.0
J110	JUNCTION	966.27	4.01	0.0
J111	JUNCTION	975.95	1.20	0.0
J112	JUNCTION	972.21	1.20	0.0
J113	JUNCTION	967.11	1.20	0.0
J114	JUNCTION	961.87	3.97	0.0
J115	JUNCTION	956.15	5.53	0.0
J116	JUNCTION	952.17	2.12	0.0
J119	JUNCTION	948.78	1.73	0.0
J11-Stan	JUNCTION	937.96	1.00	0.0
J11STM155	JUNCTION	941.97	2.34	0.0
J11STM156	JUNCTION	941.51	1.94	0.0
J11STM157	JUNCTION	940.92	3.08	0.0
J12	JUNCTION	941.66	2.24	0.0
J120	JUNCTION	948.04	2.11	0.0
J121	JUNCTION	946.55	1.90	0.0
J122	JUNCTION	947.52	1.50	0.0
J123	JUNCTION	946.75	1.12	0.0
J125	JUNCTION	946.22	2.75	0.0
J126	JUNCTION	946.07	2.76	0.0
J127	JUNCTION	945.86	2.81	0.0
J128	JUNCTION	946.11	2.79	0.0
J129	JUNCTION	946.30	2.47	0.0
J12-Stan	JUNCTION	937.53	1.00	0.0
J13	JUNCTION	941.86	3.64	0.0
J130	JUNCTION	946.72	4.17	0.0
J131	JUNCTION	952.03	2.79	0.0
J132	JUNCTION	950.90	3.61	0.0
J133	JUNCTION	949.70	3.78	0.0
J134	JUNCTION	948.23	4.72	0.0
J135	JUNCTION	949.27	3.16	0.0
J136	JUNCTION	947.78	3.10	0.0
J137	JUNCTION	948.10	2.95	0.0
J138	JUNCTION	946.40	3.22	0.0
J139	JUNCTION	947.79	3.33	0.0
J13-Stan	JUNCTION	936.90	1.00	0.0
J14_ADD	JUNCTION	939.10	1.00	0.0
J140	JUNCTION	955.15	1.94	0.0
J141	JUNCTION	954.67	2.82	0.0
J142	JUNCTION	954.41	2.12	0.0
J143	JUNCTION	955.76	2.21	0.0
J144	JUNCTION	958.44	3.67	0.0
J145	JUNCTION	962.56	3.27	0.0
J146	JUNCTION	965.52	4.26	0.0
J147	JUNCTION	968.80	3.38	0.0
J148	JUNCTION	966.43	4.08	0.0
J149	JUNCTION	960.89	3.64	0.0
J15_ADD	JUNCTION	942.10	1.00	0.0
J150	JUNCTION	961.19	2.22	0.0
J151	JUNCTION	959.07	3.67	0.0
J152	JUNCTION	956.99	3.24	0.0
J153	JUNCTION	980.96	2.91	0.0
J154	JUNCTION	979.54	4.11	0.0
J155	JUNCTION	938.50	1.67	0.0
J156	JUNCTION	938.48	0.93	0.0
J157	JUNCTION	938.40	1.44	0.0

J16_ADD	JUNCTION	949.40	0.60	0.0
J17	JUNCTION	941.02	1.00	0.0
J17-Stan	JUNCTION	936.46	1.00	0.0
J183	JUNCTION	935.26	3.05	0.0
J184	JUNCTION	935.63	2.38	0.0
J185	JUNCTION	935.36	2.91	0.0
J186	JUNCTION	935.17	3.17	0.0
J188	JUNCTION	935.46	2.99	0.0
J189	JUNCTION	935.48	2.89	0.0
J18-Stan	JUNCTION	935.98	1.50	0.0
J19	JUNCTION	981.39	1.00	0.0
J190	JUNCTION	935.50	2.92	0.0
J19-Stan	JUNCTION	936.37	1.00	0.0
J1-Stan	JUNCTION	938.32	1.00	0.0
J2	JUNCTION	939.20	1.50	0.0
J20	JUNCTION	967.94	3.28	0.0
J206	JUNCTION	936.59	1.19	0.0
J207	JUNCTION	936.49	1.21	0.0
J208	JUNCTION	936.43	1.44	0.0
J209	JUNCTION	936.29	2.08	0.0
J20-Stan	JUNCTION	936.29	1.00	0.0
J21	JUNCTION	972.60	1.51	0.0
J210	JUNCTION	936.12	2.72	0.0
J211	JUNCTION	936.02	2.45	0.0
J212	JUNCTION	935.88	3.20	0.0
J213	JUNCTION	935.79	2.96	0.0
J214	JUNCTION	935.70	2.97	0.0
J215	JUNCTION	935.57	2.79	0.0
J21-Stan	JUNCTION	936.20	1.00	0.0
J22	JUNCTION	968.86	0.30	0.0
J224	JUNCTION	982.81	3.72	0.0
J225	JUNCTION	980.96	4.05	0.0
J226	JUNCTION	978.08	5.44	0.0
J227	JUNCTION	977.05	5.19	0.0
J228	JUNCTION	975.59	4.29	0.0
J229	JUNCTION	976.77	3.26	0.0
J22-Stan	JUNCTION	936.10	1.50	0.0
J23	JUNCTION	973.83	0.30	0.0
J230	JUNCTION	977.00	3.17	0.0
J231	JUNCTION	977.34	3.10	0.0
J232	JUNCTION	982.23	4.26	0.0
J233	JUNCTION	984.59	3.42	0.0
J234	JUNCTION	974.42	5.26	0.0
J235	JUNCTION	975.64	3.56	0.0
J236	JUNCTION	971.50	4.62	0.0
J237	JUNCTION	972.71	3.38	0.0
J238	JUNCTION	973.06	3.65	0.0
J239	JUNCTION	971.18	3.50	0.0
J240	JUNCTION	957.74	3.26	0.0
J241	JUNCTION	955.87	3.68	0.0
J242	JUNCTION	955.35	3.16	0.0
J243	JUNCTION	955.58	3.26	0.0
J244	JUNCTION	956.49	2.92	0.0
J245	JUNCTION	958.60	4.20	0.0
J246	JUNCTION	960.62	3.56	0.0
J247	JUNCTION	961.77	2.95	0.0
J248	JUNCTION	952.60	4.50	0.0
J24-Stan	JUNCTION	932.39	4.35	0.0
J25	JUNCTION	945.02	2.97	0.0
J258	JUNCTION	977.25	4.30	0.0
J259	JUNCTION	976.07	4.38	0.0
J26	JUNCTION	944.49	2.27	0.0
J260	JUNCTION	974.57	4.28	0.0
J261	JUNCTION	968.50	4.33	0.0
J262	JUNCTION	965.34	4.52	0.0
J263	JUNCTION	965.77	4.11	0.0
J264	JUNCTION	966.07	3.75	0.0
J265	JUNCTION	966.87	3.72	0.0
J266	JUNCTION	978.06	2.92	0.0
J267	JUNCTION	970.42	4.28	0.0
J268	JUNCTION	977.60	4.04	0.0
J269	JUNCTION	982.73	4.43	0.0
J270	JUNCTION	979.58	3.51	0.0
J274	JUNCTION	940.88	2.95	0.0
J275	JUNCTION	944.49	3.02	0.0

J276	JUNCTION	943.92	2.57	0.0
J277	JUNCTION	944.64	2.05	0.0
J278	JUNCTION	944.35	2.11	0.0
J279	JUNCTION	943.92	2.39	0.0
J280	JUNCTION	943.78	2.59	0.0
J281	JUNCTION	943.33	3.04	0.0
J282	JUNCTION	943.59	2.87	0.0
J283	JUNCTION	944.14	1.74	0.0
J284	JUNCTION	943.99	2.32	0.0
J285	JUNCTION	942.84	3.66	0.0
J286	JUNCTION	942.46	4.36	0.0
J287	JUNCTION	943.57	2.87	0.0
J288	JUNCTION	943.21	2.94	0.0
J289	JUNCTION	944.65	3.92	0.0
J29	JUNCTION	937.99	1.73	0.0
J290	JUNCTION	942.53	2.32	0.0
J291	JUNCTION	942.43	2.60	0.0
J292	JUNCTION	943.05	1.76	0.0
J293	JUNCTION	943.10	2.20	0.0
J294	JUNCTION	945.60	2.80	0.0
J299	JUNCTION	962.20	2.54	0.0
J2-Stan	JUNCTION	938.44	1.00	0.0
J3	JUNCTION	939.00	1.00	0.0
J30	JUNCTION	937.84	1.83	0.0
J300	JUNCTION	962.31	2.18	0.0
J301	JUNCTION	959.67	3.58	0.0
J302	JUNCTION	958.40	3.28	0.0
J31	JUNCTION	937.78	2.14	0.0
J32	JUNCTION	937.65	2.26	0.0
J33	JUNCTION	937.60	2.15	0.0
J337	JUNCTION	953.00	3.20	0.0
J338	JUNCTION	953.90	3.00	0.0
J34	JUNCTION	937.51	2.32	0.0
J342	JUNCTION	956.36	0.60	0.0
J343	JUNCTION	954.83	1.03	0.0
J344	JUNCTION	938.35	1.37	0.0
J348	JUNCTION	933.99	1.71	0.0
J349	JUNCTION	933.99	1.50	0.0
J35	JUNCTION	937.42	2.55	0.0
J351	JUNCTION	938.57	1.60	0.0
J352	JUNCTION	939.99	1.80	0.0
J353	JUNCTION	933.71	1.50	0.0
J354	JUNCTION	939.01	1.50	0.0
J355	JUNCTION	938.76	1.30	0.0
J356	JUNCTION	938.74	1.50	0.0
J358_ADD	JUNCTION	939.80	1.00	0.0
J36	JUNCTION	937.40	2.54	0.0
J360	JUNCTION	933.43	1.50	0.0
J362	JUNCTION	939.75	1.08	2000.0
J368	JUNCTION	955.33	4.65	0.0
J37	JUNCTION	937.30	2.55	0.0
J370	JUNCTION	933.20	1.65	0.0
J372	JUNCTION	939.04	1.50	0.0
J373	JUNCTION	940.72	1.80	0.0
J374	JUNCTION	939.02	1.80	0.0
J375	JUNCTION	938.21	1.50	0.0
J376	JUNCTION	941.68	1.80	0.0
J377	JUNCTION	941.01	1.80	0.0
J378	JUNCTION	940.76	1.50	0.0
J379	JUNCTION	938.80	1.20	0.0
J38	JUNCTION	937.19	2.94	0.0
J380	JUNCTION	936.02	3.32	0.0
J381	JUNCTION	937.75	1.50	0.0
J382	JUNCTION	937.60	1.50	0.0
J384	JUNCTION	938.06	2.11	0.0
J385	JUNCTION	937.99	2.33	0.0
J387	JUNCTION	937.99	2.10	0.0
J388	JUNCTION	937.57	2.57	0.0
J389	JUNCTION	936.57	2.00	0.0
J39	JUNCTION	937.16	3.01	0.0
J390	JUNCTION	972.46	1.20	0.0
J391	JUNCTION	953.71	3.46	0.0
J3-Stan	JUNCTION	938.23	1.00	0.0
J4	JUNCTION	938.91	1.50	0.0
J40	JUNCTION	937.07	3.20	0.0

J403	JUNCTION	933.29	1.50	0.0
J404	JUNCTION	932.59	1.50	0.0
J407	JUNCTION	932.03	1.50	0.0
J408	JUNCTION	929.04	1.50	0.0
J41	JUNCTION	936.16	3.86	0.0
J42	JUNCTION	936.12	3.99	0.0
J420	JUNCTION	939.85	1.00	0.0
J422	JUNCTION	978.23	1.20	2000.0
J426	JUNCTION	944.09	1.50	0.0
J426_ADD	JUNCTION	944.09	1.50	0.0
J427_ADD	JUNCTION	944.00	0.90	0.0
J428	JUNCTION	944.70	1.50	0.0
J428_ADD	JUNCTION	944.70	1.50	0.0
J429	JUNCTION	945.19	1.20	0.0
J429_ADD	JUNCTION	945.19	1.20	0.0
J43	JUNCTION	936.02	4.13	0.0
J430	JUNCTION	944.70	1.46	0.0
J430_ADD	JUNCTION	944.70	1.46	0.0
J431	JUNCTION	946.27	1.50	0.0
J431_ADD	JUNCTION	946.27	1.50	0.0
J433	JUNCTION	967.56	3.51	0.0
J435	JUNCTION	946.63	1.83	0.0
J438	JUNCTION	952.18	2.98	0.0
J44	JUNCTION	935.92	4.21	0.0
J440	JUNCTION	951.02	2.77	0.0
J441	JUNCTION	949.60	1.50	0.0
J442	JUNCTION	953.00	3.32	0.0
J444	JUNCTION	952.75	3.04	0.0
J45	JUNCTION	935.90	4.20	0.0
J453	JUNCTION	938.35	1.46	0.0
J454	JUNCTION	937.95	2.11	0.0
J455	JUNCTION	937.52	2.60	0.0
J46	JUNCTION	935.84	4.29	0.0
J469	JUNCTION	939.01	1.90	0.0
J47	JUNCTION	935.80	4.31	0.0
J471	JUNCTION	942.97	2.77	0.0
J472	JUNCTION	945.27	3.64	0.0
J473	JUNCTION	936.98	1.67	0.0
J477	JUNCTION	936.41	1.49	0.0
J478	JUNCTION	936.42	1.94	0.0
J479	JUNCTION	935.89	2.78	0.0
J48	JUNCTION	935.73	4.47	0.0
J480	JUNCTION	936.49	1.63	0.0
J481	JUNCTION	935.96	1.99	0.0
J482	JUNCTION	935.66	2.52	0.0
J483	JUNCTION	936.72	0.91	0.0
J484	JUNCTION	936.71	0.95	0.0
J485	JUNCTION	935.07	3.64	0.0
J485-Stan	JUNCTION	935.07	3.35	0.0
J49	JUNCTION	936.95	3.12	0.0
J493	JUNCTION	946.65	1.90	0.0
J499	JUNCTION	947.85	2.30	0.0
J5	JUNCTION	935.51	1.00	0.0
J50	JUNCTION	936.76	3.12	0.0
J51	JUNCTION	936.57	3.67	0.0
J510	JUNCTION	947.29	1.90	0.0
J516	JUNCTION	983.13	3.79	0.0
J519	JUNCTION	978.46	0.30	0.0
J52	JUNCTION	935.67	4.34	0.0
J521	JUNCTION	975.94	4.06	0.0
J525	JUNCTION	977.72	2.92	0.0
J527	JUNCTION	961.21	3.43	0.0
J528	JUNCTION	958.60	3.04	0.0
J529	JUNCTION	952.40	1.00	0.0
J53	JUNCTION	935.62	4.18	0.0
J535	JUNCTION	938.56	1.63	0.0
J537	JUNCTION	939.91	0.95	0.0
J54	JUNCTION	935.60	4.20	0.0
J55	JUNCTION	936.28	3.55	0.0
J56	JUNCTION	935.57	4.15	0.0
J57	JUNCTION	935.51	4.34	0.0
J58	JUNCTION	935.45	4.18	0.0
J59	JUNCTION	935.32	3.78	0.0
J6	JUNCTION	935.31	1.07	0.0
J60	JUNCTION	935.14	3.76	0.0

J61	JUNCTION	939.81	1.29	0.0
J67	JUNCTION	980.80	1.00	0.0
J67-Stan	JUNCTION	936.56	1.00	0.0
J68	JUNCTION	976.60	2.00	0.0
J68-Stan	JUNCTION	936.41	1.00	0.0
J69	JUNCTION	941.94	3.68	0.0
J7	JUNCTION	940.88	1.80	0.0
J70	JUNCTION	936.90	1.20	0.0
J71	JUNCTION	936.70	1.20	0.0
J72	JUNCTION	936.36	1.00	0.0
J73_ADD	JUNCTION	981.32	1.01	0.0
J74_ADD	JUNCTION	981.59	1.00	0.0
J75_ADD	JUNCTION	969.47	1.00	0.0
J76_ADD	JUNCTION	940.09	1.00	0.0
J77_ADD	JUNCTION	939.15	1.00	0.0
J78_ADD	JUNCTION	940.30	1.00	0.0
J79_ADD	JUNCTION	947.51	0.60	0.0
J7STM109	JUNCTION	937.25	1.56	0.0
J7STM110	JUNCTION	937.18	1.84	0.0
J7STM122	JUNCTION	937.45	1.94	0.0
J7STM123	JUNCTION	937.37	2.22	0.0
J7STM124	JUNCTION	937.23	2.14	0.0
J8	JUNCTION	940.83	1.80	0.0
J80_ADD	JUNCTION	943.82	0.99	0.0
J81_ADD	JUNCTION	946.10	1.00	0.0
J85	JUNCTION	935.65	1.20	0.0
J86	JUNCTION	935.70	1.20	0.0
J87	JUNCTION	935.72	1.20	0.0
J88	JUNCTION	935.76	1.00	0.0
J89	JUNCTION	936.11	1.00	0.0
J8STM112	JUNCTION	938.17	1.08	0.0
J8STM113	JUNCTION	937.78	1.91	0.0
J8STM117	JUNCTION	937.96	1.87	0.0
J8STM118	JUNCTION	938.28	0.96	0.0
J8STM119	JUNCTION	938.17	1.07	0.0
J8STM120	JUNCTION	937.56	1.99	0.0
J8STM121	JUNCTION	937.55	2.05	0.0
J9	JUNCTION	941.95	3.99	0.0
J90	JUNCTION	936.26	1.20	0.0
J91	JUNCTION	936.36	1.20	0.0
J92	JUNCTION	936.41	1.00	0.0
J93	JUNCTION	936.71	1.00	0.0
J94	JUNCTION	936.91	1.00	0.0
J95	JUNCTION	937.11	1.00	0.0
J96	JUNCTION	935.55	1.20	0.0
J97	JUNCTION	948.94	1.05	0.0
J98	JUNCTION	949.38	1.05	0.0
J99	JUNCTION	951.09	1.53	0.0
J9-Stan	JUNCTION	938.14	1.00	0.0
J9STM114	JUNCTION	938.17	1.50	0.0
J9STM115	JUNCTION	938.08	1.96	0.0
J9STM116	JUNCTION	938.24	1.51	0.0
J9STM1871	JUNCTION	938.36	1.74	0.0
J9STM1872	JUNCTION	938.63	1.86	0.0
STMH1	JUNCTION	940.46	2.10	0.0
STMH10	JUNCTION	936.95	2.40	0.0
STMH11	JUNCTION	936.80	2.37	0.0
STMH12	JUNCTION	936.66	2.66	0.0
STMH13	JUNCTION	936.14	2.49	0.0
STMH15	JUNCTION	935.70	2.87	0.0
STMH16	JUNCTION	935.36	2.58	0.0
STMH17	JUNCTION	935.15	2.45	0.0
STMH18	JUNCTION	934.95	2.73	0.0
STMH19	JUNCTION	934.64	2.85	0.0
STMH2	JUNCTION	939.91	1.97	0.0
STMH20	JUNCTION	934.07	3.30	0.0
STMH21	JUNCTION	933.76	3.66	0.0
STMH22	JUNCTION	933.60	3.80	0.0
STMH23	JUNCTION	933.54	3.94	0.0
STMH24	JUNCTION	933.47	4.00	0.0
STMH25	JUNCTION	933.29	4.32	0.0
STMH26	JUNCTION	935.00	2.47	0.0
STMH27	JUNCTION	935.33	2.40	0.0
STMH3	JUNCTION	939.45	2.07	0.0
STMH4	JUNCTION	938.30	2.73	0.0

STMH5	JUNCTION	938.09	2.54	0.0
STMH6	JUNCTION	937.95	2.50	0.0
STMH7	JUNCTION	937.80	2.63	0.0
STMH8	JUNCTION	937.43	2.54	0.0
STMH9	JUNCTION	937.04	2.28	0.0
STMHD1	JUNCTION	933.05	3.76	0.0
STMHD2	JUNCTION	932.80	4.85	0.0
STMHD3	JUNCTION	932.39	4.35	0.0
SU3	JUNCTION	941.12	1.50	0.0
J423	OUTFALL	927.04	1.50	0.0
J82	OUTFALL	938.29	1.00	0.0
Lagoons	OUTFALL	0.00	0.00	0.0
Marina_Bay	OUTFALL	936.70	1.50	0.0
OF1	OUTFALL	937.51	0.00	0.0
OF2	OUTFALL	950.88	1.00	0.0
Beacon_Hill	STORAGE	972.04	3.96	0.0
Crestview	STORAGE	970.60	3.50	0.0
Crestview1	STORAGE	952.78	3.50	0.0
Fox_Run_PH14	STORAGE	962.36	1.82	0.0
Fox_Run_PH6-7	STORAGE	946.49	2.50	0.0
GCMH130	STORAGE	979.60	1.00	0.0
GCMH4	STORAGE	980.20	1.00	0.0
Golf_Course1	STORAGE	939.03	0.95	0.0
Golf_Course2	STORAGE	938.67	1.00	0.0
Hawk's_Crest	STORAGE	944.40	4.60	0.0
Hewlett_Park	STORAGE	937.30	1.00	0.0
Hewlett_Park_Wetland	STORAGE	933.50	3.95	0.0
Iron_Gate_Pond_1	STORAGE	0.00	5.00	0.0
Iron_Gate_Pond_2	STORAGE	0.00	5.00	0.0
Lakeway_Landing_Ph2	STORAGE	966.55	4.00	0.0
Lakeway_Landing_Phase1	STORAGE	962.00	2.50	0.0
Norell_Business_Park	STORAGE	0.00	5.00	0.0
Pier_View	STORAGE	956.36	2.20	0.0
Prop_POND1	STORAGE	959.73	1.56	0.0
Prop-Golf_Course_Creek_Pond	STORAGE	944.02	4.00	0.0
Ryders_Ridge	STORAGE	943.00	1.50	0.0
SU1	STORAGE	939.03	1.97	0.0
Tank1-S3435	STORAGE	942.35	1.00	0.0
Tank2-S3547	STORAGE	941.80	1.00	0.0
Waterford_Station_Pond1	STORAGE	963.60	4.00	0.0
Waterford_Station_Pond2	STORAGE	957.90	4.00	0.0
Waterford_Station_Pond3	STORAGE	974.00	4.60	0.0
Westwood_Lane	STORAGE	947.57	0.60	0.0
Willow_Springs	STORAGE	937.20	0.50	0.0

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Link Summary
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Name	From Node	To Node	Type	Length	%Slope	Roughness
1000_ADD	738_ADD	743_ADD	CONDUIT	77.4	0.4187	0.0130
1000-S_ADD	738_ADD	743_ADD	CONDUIT	77.4	0.4588	0.0130
1001_ADD	743_ADD	745_ADD	CONDUIT	27.6	0.4463	0.0250
1001-S_ADD	743_ADD	745_ADD	CONDUIT	27.6	-0.6024	0.0130
1002_ADD	746_ADD	737_ADD	CONDUIT	43.0	0.4415	0.0130
1003_ADD	754_ADD	751_ADD	CONDUIT	24.4	0.0737	0.0130
1003-S_ADD	754_ADD	751_ADD	CONDUIT	24.4	0.0012	0.0130
1004_ADD	753_ADD	748_ADD	CONDUIT	18.6	0.4400	0.0130
1005_ADD	748_ADD	750_ADD	CONDUIT	106.0	0.8887	0.0130
1005-S_ADD	748_ADD	750_ADD	CONDUIT	106.0	0.5793	0.0130
1006_ADD	755_ADD	749_ADD	CONDUIT	12.6	0.3971	0.0130
1007_ADD	749_ADD	751_ADD	CONDUIT	52.8	0.8655	0.0130
1007-S_ADD	749_ADD	751_ADD	CONDUIT	52.8	0.1231	0.0130
1008_ADD	750_ADD	752_ADD	CONDUIT	59.8	0.1538	0.0130
1008-S_ADD	750_ADD	752_ADD	CONDUIT	59.8	-0.0150	0.0130
1009_ADD	752_ADD	754_ADD	CONDUIT	93.6	0.1229	0.0130
1009-S_ADD	752_ADD	754_ADD	CONDUIT	93.6	0.7768	0.0130
1011_ADD	751_ADD	739_ADD	CONDUIT	18.6	0.1074	0.0130
993_ADD	732_ADD	736_ADD	CONDUIT	112.3	0.6530	0.0130
993-S_ADD	732_ADD	736_ADD	CONDUIT	112.3	0.8810	0.0130
994_ADD	736_ADD	735_ADD	CONDUIT	90.0	0.8316	0.0130
994-S_ADD	736_ADD	735_ADD	CONDUIT	90.0	0.4036	0.0130
995_ADD	737_ADD	738_ADD	CONDUIT	9.6	0.3951	0.0130
996_ADD	735_ADD	738_ADD	CONDUIT	124.0	0.1129	0.0130

996-S_ADD	735_ADD	738_ADD	CONDUIT	124.0	0.8434	0.0130
997_ADD	740_ADD	739_ADD	CONDUIT	52.7	0.9047	0.0130
998_ADD	739_ADD	741_ADD	CONDUIT	39.0	0.2233	0.0130
999_ADD	741_ADD	746_ADD	CONDUIT	69.6	0.4654	0.0130
C1	J19	GCMH129	CONDUIT	91.1	0.5828	0.0250
C10	J1	J408	CONDUIT	1179.8	0.0848	0.0250
C10Stan	HPMH43	J17-Stan	CONDUIT	10.8	7.7927	0.0250
C11	J404	J407	CONDUIT	550.4	0.1006	0.0250
C11Stan	J17-Stan	J19-Stan	CONDUIT	60.0	0.1500	0.0250
C12	J370	J403	CONDUIT	330.7	0.0169	0.0250
C12Stan	J19-Stan	J20-Stan	CONDUIT	50.0	0.1600	0.0250
C13	J403	J404	CONDUIT	308.6	0.2291	0.0250
C13Stan	J20-Stan	J21-Stan	CONDUIT	60.0	0.1500	0.0250
C14	J360	J370	CONDUIT	364.6	0.0222	0.0250
C15	J353	J360	CONDUIT	435.0	0.0632	0.0250
C16	J348	J349	CONDUIT	141.0	0.1454	0.0250
C17	J349	J353	CONDUIT	250.0	0.1156	0.0250
C18-S1	G14STM75	G14STM63	CONDUIT	120.4	3.0407	0.0130
C18-S2	F14STM272	F14STM59	CONDUIT	84.6	2.4567	0.0130
C18-S3	G14STM65	G14STM66	CONDUIT	16.0	-1.1853	0.0130
C18-S4	J145	J148	CONDUIT	91.0	-5.1505	0.0130
C18-S5	J287	J284	CONDUIT	31.1	0.4186	0.0130
C18-S6	H12STM1495	H12STM1537	CONDUIT	34.6	1.2993	0.0130
C18-S7	I12STM1487	I12STM1489	CONDUIT	55.3	0.8857	0.0130
C18-S8	J22	D14STM243	CONDUIT	93.1	-0.2321	0.0130
C19	J95	J94	CONDUIT	90.4	0.2212	0.0250
C19_ADD	J14_ADD	HPMH44_ADD	CONDUIT	69.8	0.2864	0.0350
C1Stan	HPMH44_ADD	J2-Stan	CONDUIT	44.5	1.0341	0.0250
C2	J390	F14STM59	CONDUIT	17.2	6.1398	0.0130
C20	J94	J93	CONDUIT	25.5	0.7850	0.0250
C20-S	J453	J36	CONDUIT	15.7	-7.0812	0.0130
C20-S1	J454	J38	CONDUIT	10.0	-0.7366	0.0130
C20-S2	J385	J40	CONDUIT	11.1	0.4883	0.0130
C20-S3	J388	J42	CONDUIT	11.1	0.2335	0.0130
C20-S4	J49	J47	CONDUIT	20.8	-0.1776	0.0130
C20-S5	F8STM270	J52	CONDUIT	23.2	1.1416	0.0130
C20-S6	J55	J54	CONDUIT	9.2	0.3491	0.0130
C20-S7Stan	STMH9	STMH10	CONDUIT	34.4	-0.0871	0.0130
C20Stan	STMH9	STMH10	CONDUIT	34.4	0.2208	0.0130
C21	J93	J92	CONDUIT	223.1	0.1327	0.0250
C21-S	J455	J42	CONDUIT	14.6	0.0753	0.0130
C21-S1Stan	STMH10	STMH11	CONDUIT	24.9	0.7229	0.0130
C21Stan	STMH10	STMH11	CONDUIT	24.9	0.4016	0.0130
C22	J92	J91	CONDUIT	75.1	0.0679	0.0250
C22-SStan	STMH11	STMH12	CONDUIT	39.3	-0.3818	0.0130
C22Stan	STMH11	STMH12	CONDUIT	39.3	0.2393	0.0130
C23	J274	HPMH16	CONDUIT	18.4	1.0890	0.0130
C23Stan	J21-Stan	J22-Stan	CONDUIT	90.1	0.1110	0.0250
C24	J91	J90	CONDUIT	35.4	0.3083	0.0250
C24-S1	J23	D14STM243	CONDUIT	139.2	3.4162	0.0130
C24-SStan	STMH12	STMH13	CONDUIT	155.5	0.4438	0.0130
C24Stan	STMH12	STMH13	CONDUIT	155.5	0.2997	0.0130
C25	J294	J275	CONDUIT	44.1	1.6593	0.0130
C25-S	J294	J275	CONDUIT	48.9	1.8214	0.0130
C25Stan	J22-Stan	J18-Stan	CONDUIT	59.9	0.2004	0.0250
C26	Ryders_Ridge	I12STM1511	CONDUIT	80.3	0.0249	0.0130
C26_2	J17	CULV5505	CONDUIT	644.4	0.6802	0.0250
C27	CULV5505	CULV5504	CONDUIT	9.9	2.0163	0.0250
C28	CULV5504	J1	CONDUIT	703.0	0.8732	0.0250
C29	H7STM133	HPMH22	CONDUIT	21.0	0.1670	0.0130
C29Stan	H7STM133	HPMH22	CONDUIT	21.0	0.1670	0.0130
C2Stan	J2-Stan	J1-Stan	CONDUIT	39.6	0.3033	0.0250
C3	J493	J121	CONDUIT	7.7	1.3046	0.0100
C30	J2	J3	CONDUIT	29.0	0.6908	0.0250
C31	CULV5252	J71	CONDUIT	59.2	2.3305	0.0250
C31Stan	J67-Stan	J68-Stan	CONDUIT	114.7	0.1333	0.0250
C32	J3	J70	CONDUIT	91.5	2.2956	0.0250
C32_1	CULV5207	J5	CONDUIT	208.6	0.2847	0.0250
C32_3	J5	J6	CONDUIT	44.6	0.4480	0.0250
C32_4	J6	J353	CONDUIT	589.5	0.2845	0.0250
C32Stan	J68-Stan	Hewlett_Park_Wetland	CONDUIT	95.0	0.9062	0.0250
C33	I7STM129	I7STM128	CONDUIT	73.2	0.1366	0.0130
C33-S	I7STM129	I7STM128	CONDUIT	73.2	-0.4468	0.0130
C34	I8STM128	I7STM128	CONDUIT	43.9	0.8879	0.0130
C34-S	I8STM128	I7STM128	CONDUIT	43.9	-0.0433	0.0130

C35	I7STM128	I7STM125	CONDUIT	100.8	0.1786	0.0130
C35-S	I7STM128	I7STM125	CONDUIT	100.8	0.4157	0.0130
C36	J529	OF2	CONDUIT	2076.4	0.0732	0.0250
C36_2_ADD	J80_ADD	J15_ADD	CONDUIT	433.7	0.3954	0.0250
C37	CULV5210	J5	CONDUIT	459.2	0.2855	0.0250
C38	CULV5415	CULV5397	CONDUIT	557.0	0.5002	0.0250
C38Stan	J18-Stan	HPMH47	CONDUIT	91.4	-0.1313	0.0250
C39	CULV5397	CULV5259	CONDUIT	83.6	0.9101	0.0250
C39-SStan	STMH1	STMH2	CONDUIT	123.6	0.5502	0.0130
C39Stan	STMH1	STMH2	CONDUIT	123.6	0.4005	0.0130
C3-S	J493	J121	CONDUIT	7.7	1.3046	0.0130
C3Stan	J1-Stan	J3-Stan	CONDUIT	30.0	0.3003	0.0250
C4	J123	J493	CONDUIT	165.4	0.0605	0.0130
C40	CULV5259	CULV5258	CONDUIT	12.1	1.6583	0.0250
C40-SStan	STMH2	STMH3	CONDUIT	103.4	0.3481	0.0130
C40Stan	STMH2	STMH3	CONDUIT	103.4	0.4013	0.0130
C41	CULV5258	CULV5252	CONDUIT	34.0	1.3911	0.0250
C41-SStan	STMH3	STMH4	CONDUIT	107.6	0.4555	0.0130
C41Stan	STMH3	STMH4	CONDUIT	107.6	1.0002	0.0130
C42	CULV5260	CULV5262	CONDUIT	79.1	-0.1656	0.0250
C42-SStan	STMH4	STMH5	CONDUIT	104.8	0.3817	0.0130
C42Stan	STMH4	STMH5	CONDUIT	104.8	0.1498	0.0130
C43	CULV5262	CULV5263	CONDUIT	18.2	1.0998	0.0250
C43-SStan	STMH5	STMH6	CONDUIT	54.5	0.3303	0.0130
C43Stan	STMH5	STMH6	CONDUIT	54.5	0.1798	0.0130
C44	CULV5263	CULV5307	CONDUIT	251.1	0.2322	0.0250
C44-SStan	STMH6	STMH7	CONDUIT	49.6	0.0403	0.0130
C44Stan	STMH6	STMH7	CONDUIT	49.6	0.1995	0.0130
C45	CULV5307	CULV5306	CONDUIT	20.9	0.9570	0.0250
C45-SStan	STMH7	STMH8	CONDUIT	104.9	0.4386	0.0130
C45Stan	STMH7	STMH8	CONDUIT	104.9	0.3003	0.0130
C46	CULV5306	CULV5315	CONDUIT	160.1	0.6684	0.0250
C46-SStan	STMH8	STMH9	CONDUIT	104.9	0.6196	0.0130
C46Stan	STMH8	STMH9	CONDUIT	104.9	0.3003	0.0130
C47	CULV5315	CULV5314	CONDUIT	19.1	1.0445	0.0250
C47-SStan	STMH13	STMH15	CONDUIT	111.5	0.0538	0.0130
C47Stan	STMH13	STMH15	CONDUIT	111.5	0.3470	0.0130
C48	CULV5287	J420	CONDUIT	18.8	0.2660	0.0250
C48-SStan	STMH15	STMH16	CONDUIT	111.5	0.5649	0.0130
C48Stan	STMH15	STMH16	CONDUIT	111.5	0.2403	0.0130
C49	J71	J72	CONDUIT	693.6	0.0492	0.0250
C49_1	CULV5314	J72	CONDUIT	192.7	0.5194	0.0250
C49_2	J72	J403	CONDUIT	590.0	0.5195	0.0250
C49-SStan	STMH16	STMH17	CONDUIT	61.5	0.5530	0.0130
C49Stan	STMH16	STMH17	CONDUIT	61.5	0.2602	0.0130
C4-S	J123	J493	CONDUIT	165.4	-0.4118	0.0130
C4Stan	J3-Stan	J9-Stan	CONDUIT	30.0	0.3001	0.0250
C5	J441	J119	CONDUIT	130.3	0.6294	0.0130
C50	J420	CULV5262	CONDUIT	611.0	0.1164	0.0250
C50-SStan	STMH17	STMH18	CONDUIT	56.0	-0.1428	0.0130
C50Stan	STMH17	STMH18	CONDUIT	56.0	0.2606	0.0130
C51	CULV5385	CULV5307	CONDUIT	331.6	0.5360	0.0250
C51-SStan	STMH18	STMH19	CONDUIT	53.7	0.3539	0.0130
C51Stan	STMH18	STMH19	CONDUIT	53.7	0.4992	0.0130
C52	CULV5354	CULV5315	CONDUIT	657.2	0.1788	0.0250
C52-SStan	STMH19	STMH20	CONDUIT	51.8	0.2354	0.0130
C52Stan	STMH19	STMH20	CONDUIT	51.8	0.9995	0.0130
C53	J108	J90	CONDUIT	51.5	0.2078	0.0250
C53_1_ADD	CULV5538_ADD	J74_ADD	CONDUIT	330.7	2.8867	0.0250
C53_ADD	J74_ADD	J73_ADD	CONDUIT	20.9	1.2780	0.0100
C53-SStan	STMH20	STMH21	CONDUIT	58.7	-0.0887	0.0130
C53Stan	STMH20	STMH21	CONDUIT	58.7	0.4007	0.0130
C54	J90	J89	CONDUIT	141.3	0.1054	0.0250
C54_1_ADD	CULV5537_ADD	J73_ADD	CONDUIT	229.6	2.4246	0.0250
C54_ADD	J73_ADD	J75_ADD	CONDUIT	316.7	3.7459	0.0250
C54-SStan	STMH21	STMH22	CONDUIT	45.2	0.0443	0.0130
C54Stan	STMH21	STMH22	CONDUIT	45.2	0.2302	0.0130
C55	J473	J389	CONDUIT	7.8	5.2173	0.0130
C55-S	J473	J389	CONDUIT	7.8	0.9682	0.0130
C56	J157	J453	CONDUIT	20.8	0.2255	0.0130
C56-S	J157	J453	CONDUIT	20.8	0.1199	0.0130
C57	J362	HPMH28	CONDUIT	85.2	0.3522	0.0130
C58	J89	J88	CONDUIT	257.4	0.1360	0.0250
C58-SStan	STMH22	STMH23	CONDUIT	4.2	-1.8858	0.0130
C58Stan	STMH22	STMH23	CONDUIT	4.2	0.2357	0.0130

C59	J60	G7STM262	CONDUIT	26.3	0.7465	0.0130
C59-S	J60	G7STM262	CONDUIT	26.3	1.8055	0.0130
C5-S	J441	J119	CONDUIT	130.3	0.4521	0.0130
C5Stan	J9-Stan	J10-Stan	CONDUIT	30.0	0.3002	0.0250
C6	J119	J120	CONDUIT	118.0	0.6269	0.0130
C60	J88	J87	CONDUIT	133.3	0.0300	0.0250
C60_ADD	J76_ADD	J358_ADD	CONDUIT	323.1	0.0898	0.0250
C61	J337	Crestview1	CONDUIT	247.5	0.0283	0.0130
C61-SStan	STMH23	STMH24	CONDUIT	10.9	0.0917	0.0130
C61Stan	STMH23	STMH24	CONDUIT	10.9	0.2475	0.0130
C62	J338	Crestview1	CONDUIT	78.2	1.2470	0.0130
C62-SStan	STMH24	STMH25	CONDUIT	52.5	-0.2666	0.0130
C62Stan	STMH24	STMH25	CONDUIT	52.5	0.2494	0.0130
C63	G14STM67	G14STM68	CONDUIT	36.7	0.8183	0.0130
C63-S	G14STM67	G14STM68	CONDUIT	36.7	0.3819	0.0130
C63Stan	STMH25	STMHD1	CONDUIT	51.7	0.3598	0.0130
C64	H14STM69	J368	CONDUIT	46.8	5.2183	0.0130
C64-S	H14STM69	J368	CONDUIT	46.8	3.0962	0.0130
C64Stan	STMHD1	STMHD2	CONDUIT	39.2	0.5004	0.0130
C65	J368	G14STM68	CONDUIT	63.6	-0.3147	0.0130
C65-S	J368	G14STM68	CONDUIT	63.6	0.3634	0.0130
C65Stan	STMHD2	STMHD3	CONDUIT	114.0	0.3202	0.0130
C66	J343	J105	CONDUIT	143.0	1.3214	0.0130
C66Stan	STMHD3	J24-Stan	CONDUIT	8.9	0.5594	0.0130
C67-SStan	STMH27	STMH26	CONDUIT	69.6	0.3735	0.0130
C67Stan	STMH27	STMH26	CONDUIT	69.6	0.3993	0.0130
C68	HPMH22	HPMH26	CONDUIT	81.1	0.1234	0.0250
C68Stan	HPMH22	HPMH26	CONDUIT	81.1	0.1234	0.0250
C69	HPMH4	HPMH3	CONDUIT	236.1	0.3304	0.0250
C6-S	J119	J120	CONDUIT	118.0	1.8395	0.0130
C6Stan	J10-Stan	J11-Stan	CONDUIT	29.9	0.3010	0.0250
C7	J510	J121	CONDUIT	118.9	0.6226	0.0130
C70	HPMH3	HPMH29	CONDUIT	48.0	0.3333	0.0250
C71	HPMH29	HPMH6	CONDUIT	34.8	0.3163	0.0250
C72	HPMH5	HPMH2	CONDUIT	65.0	0.3231	0.0250
C72-SStan	STMH26	STMH25	CONDUIT	24.6	-0.5697	0.0130
C72Stan	STMH26	STMH25	CONDUIT	24.6	4.7743	0.0130
C73	HPMH2	HPMH39	CONDUIT	82.6	0.3267	0.0250
C74	HPMH39	HPMH49	CONDUIT	62.1	0.3382	0.0250
C75	HPMH49	HPMH36	CONDUIT	75.9	0.3293	0.0250
C76	HPMH36	HPMH51	CONDUIT	114.7	0.1569	0.0250
C77	HPMH51	Hewlett_Park_Wetland	CONDUIT	95.0	0.2210	0.0250
C78	J87	J86	CONDUIT	33.8	0.0592	0.0250
C78_ADD	J358_ADD	HPMH28_ADD	CONDUIT	97.2	0.5636	0.0250
C79	J86	J85	CONDUIT	90.0	0.0522	0.0250
C7-S	J510	J121	CONDUIT	118.9	0.6226	0.0130
C7Stan	J11-Stan	J12-Stan	CONDUIT	60.0	0.7168	0.0250
C8	J408	J423	CONDUIT	450.7	0.4438	0.0250
C80	J85	J96	CONDUIT	63.2	0.1566	0.0250
C81	J96	HPMH45	CONDUIT	14.7	0.3402	0.0250
C83	J67	GCMH131	CONDUIT	123.1	0.3208	0.0250
C84	J68	GCMH16	CONDUIT	246.3	1.2485	0.0130
C85	GCMH122	GCMH121	CONDUIT	191.8	4.1290	0.0130
C86	I12STM1508	Ryders_Ridge	CONDUIT	16.0	-0.2000	0.0130
C87	J70	J71	CONDUIT	40.0	0.4998	0.0250
C88	CULV5447	CULV5446	CONDUIT	17.0	1.9343	0.0250
C88_ADD	J75_ADD	G14STM76	CONDUIT	15.3	30.0867	0.0130
C88-S	B14STM36	B14STM35	CONDUIT	54.9	2.2265	0.0130
C88Stan	CULV5447	CULV5446	CONDUIT	17.0	1.9343	0.0250
C89	CULV5447	CULV5446	CONDUIT	17.1	1.5145	0.0250
C89_ADD	734_ADD	735_ADD	CONDUIT	9.4	3.7161	0.0130
C89Stan	CULV5447	CULV5446	CONDUIT	17.1	1.5145	0.0250
C8Stan	J12-Stan	J13-Stan	CONDUIT	60.0	1.0509	0.0250
C9	J407	J1	CONDUIT	62.6	3.1845	0.0250
C90_ADD	745_ADD	J76_ADD	CONDUIT	26.3	0.3041	0.0250
C91_1_ADD	HPMH28_ADD	J77_ADD	CONDUIT	106.7	0.0965	0.0250
C91_2_ADD	J77_ADD	J14_ADD	CONDUIT	50.7	0.0967	0.0250
C91_3_ADD	J15_ADD	J78_ADD	CONDUIT	310.9	0.5812	0.0250
C91_4_ADD	J78_ADD	J77_ADD	CONDUIT	197.3	0.5813	0.0250
C91_ADD	J16_ADD	J79_ADD	CONDUIT	10.6	18.1743	0.0250
C92_ADD	J79_ADD	J81_ADD	CONDUIT	33.9	4.1468	0.0250
C93_ADD	J81_ADD	Golf_Course1	CONDUIT	352.0	2.0087	0.0250
C94_ADD	Golf_Course1	Golf_Course2	CONDUIT	92.1	0.3878	0.0250
C95_ADD	Golf_Course2	J82	CONDUIT	80.7	0.8831	0.0250
C99_ADD	J427_ADD	J80_ADD	CONDUIT	56.3	0.3236	0.0250

C9Stan	J13-Stan	HPMH43	CONDUIT	49.3	-0.8119	0.0250	
GCC1	GCMH57	CULV5159_Outlet	CONDUIT	298.1	0.4327	0.0250	
GCC10	GCMH126	GCMH64	CONDUIT	21.4	0.9115	0.0130	
GCC11	Lakeway_Landing_Phase1	GCMH60	CONDUIT	58.1	0.1720	0.0130	
GCC12	A15STM7	Lakeway_Landing_Phase1	CONDUIT	21.3	5.8729	0.0130	
GCC13	C16STM1089	GCMH127	CONDUIT	3.6	0.4758	0.0130	
GCC13-S	C16STM1089	GCMH127	CONDUIT	3.6	0.0560	0.0130	
GCC15	GCMH129	A17STM681	CONDUIT	12.4	10.1293	0.0130	
GCC17	GCMH131	C18STM1077	CONDUIT	9.6	3.4521	0.0130	
GCC18	B7STM171	GCMH78	CONDUIT	14.2	0.0021	0.0130	
GCC19	B7STM171	B7STM172	CONDUIT	15.7	1.2287	0.0130	
GCC2	CULV5170	CULV5171	CONDUIT	22.4	0.0625	0.0250	
GCC20	GCMH79	B6STM173	CONDUIT	10.2	0.3225	0.0130	
GCC21	B6STM173	B6STM174	CONDUIT	15.4	0.2007	0.0130	
GCC22	C7STM182	C7STM183	CONDUIT	17.8	0.3380	0.0130	
GCC23	C8STM189	C8STM188	CONDUIT	11.1	0.4234	0.0130	
GCC23-S	C8STM189	C8STM188	CONDUIT	11.1	0.0901	0.0130	
GCC24	GCMH65	Prop-Golf_Course_Creek_Pond	CONDUIT	76.0	0.3605	0.0130	
GCC25	GCMH66	GCMH81	CONDUIT	7.7	7.7485	0.0130	
GCC26	GCMH82	GCMH65	CONDUIT	11.9	1.6739	0.0130	
GCC27	GCMH75	GCMH6	CONDUIT	46.1	1.8886	0.0130	
GCC29	A14STM27	GCMH76	CONDUIT	2.4	1.7237	0.0130	
GCC29-S	A14STM27	GCMH76	CONDUIT	2.4	0.2102	0.0130	
GCC3	CULV5171	Marina_Bay	CONDUIT	30.2	0.0033	0.0400	
GCC30	GCMH77	Westwood_Lane	CONDUIT	92.5	0.2161	0.0250	
GCC31	GCMH78	SU1	CONDUIT	57.0	0.8449	0.0250	
GCC32	GCMH80	CULV5158_Inlet	CONDUIT	157.5	0.0565	0.0400	
GCC33	SU3	GCMH80	CONDUIT	604.8	0.6652	0.0400	
GCC34	CULV5474_Outlet	SU3	CONDUIT	626.5	0.6951	0.0400	
GCC35	Willow_Springs	GCMH80	CONDUIT	71.7	0.1395	0.0250	
GCC36	GCMH81	Fox_Run_PH6-7	CONDUIT	67.2	0.2977	0.0250	
GCC38	GCMH83	A15STM5	CONDUIT	122.9	4.0786	0.0250	
GCC39	GCMH85	Lakeway_Landing_Ph2	CONDUIT	127.9	0.5004	0.0250	
GCC4	CULV5178	CULV5159_Outlet	CONDUIT	21.6	2.2699	0.0250	
GCC40	GCMH84	Lakeway_Landing_Ph2	CONDUIT	76.6	0.8487	0.0250	
GCC41	GCMH87	Beacon_Hill	CONDUIT	73.7	1.7342	0.0250	
GCC42	GCMH86	Beacon_Hill	CONDUIT	78.3	0.9973	0.0250	
GCC43	CULV5158_Inlet	CULV5159_Outlet	CONDUIT	22.4	0.8909	0.0250	
GCC44	CULV5159_Outlet	CULV5170	CONDUIT	15.9	0.6028	0.0400	
GCC45	CULV5475_Inlet	CULV5474_Outlet	CONDUIT	22.5	0.8885	0.0250	
GCC46	GCMH88	CULV5475_Inlet	CONDUIT	412.9	0.0569	0.0400	
GCC47	CULV5484	CULV5485	CONDUIT	21.3	0.9387	0.0250	
GCC48	CULV5481	CULV5484	CONDUIT	10.0	1.9914	0.0250	
GCC49	CULV5485	GCMH98	CONDUIT	215.1	2.3848	0.0250	
GCC5	CULV5472	CULV5485	CONDUIT	384.7	0.3260	0.0250	
GCC50	GCMH91	GCMH92	CONDUIT	128.6	3.4119	0.0250	
GCC51	GCMH92	GCMH56	CONDUIT	152.2	0.1656	0.0250	
GCC52	GCMH56	GCMH57	CONDUIT	30.2	0.6621	0.0250	
GCC53	CULV5179	CULV5178	CONDUIT	47.3	0.4226	0.0250	
GCC54	D14STM249	D14STM244	CONDUIT	1.6	1.8742	0.0130	
GCC54-S	D14STM249	D14STM244	CONDUIT	1.6	0.2498	0.0130	
GCC55	C12STM254	C12STM256	CONDUIT	11.5	1.8232	0.0130	
GCC55-S	C12STM254	C12STM256	CONDUIT	11.5	3.4656	0.0130	
GCC56	GCMH72	Prop_POND1	CONDUIT	100.4	1.3517	0.0130	
GCC57	Prop_POND1	GCMH70	CONDUIT	78.1	0.5121	0.0130	
GCC58	GCMH5	GCMH108	CONDUIT	47.1	1.9897	0.0130	
GCC59	GCMH108	Westwood_Lane	CONDUIT	48.4	3.1220	0.0130	
GCC6	CULV5479	CULV5484	CONDUIT	128.9	1.9843	0.0250	
GCC60	A14STM25	A14STM26	CONDUIT	96.7	0.2067	0.0130	
GCC61	B16STM23	B15STM21	CONDUIT	59.8	2.2262	0.0130	
GCC61-S	B16STM23	B15STM21	CONDUIT	59.8	0.8200	0.0130	
GCC62	GCMH36	GCMH37	CONDUIT	122.5	1.4274	0.0130	
GCC62-S	GCMH36	GCMH37	CONDUIT	126.9	1.5602	0.0130	
GCC63	GCMH54	GCMH144	CONDUIT	60.9	0.1641	0.0130	
GCC63-S	GCMH54	GCMH144	CONDUIT	60.9	-0.8896	0.0130	
GCC64	GCMH121	A14STM26	CONDUIT	95.7	3.9858	0.0130	
GCC65	A14STM26	GCMH140	CONDUIT	306.3	2.2114	0.0250	
GCC66	GCMH140	GCMH148	CONDUIT	48.5	0.4124	0.0250	
GCC67	GCMH148	GCMH88	CONDUIT	429.9	1.5858	0.0250	
GCC68	GCMH93	CULV5158_Inlet	CONDUIT	30.6	0.5908	0.0250	
GCC7	GCMH123	GCMH64	CONDUIT	7.6	2.7161	0.0130	
GCC70	GCMH107	SU3	CONDUIT	585.7	1.1914	0.0250	
GCC71	GCMH153	GCMH130	CONDUIT	109.3	0.4584	0.0250	
GCC72	CULV5471	GCMH2	CONDUIT	59.1	0.1354	0.0250	
GCC73	GCMH2	CULV5485	CONDUIT	133.7	1.1919	0.0250	

GCC74	GCMH125	CULV5484	CONDUIT	125.1	0.0320	0.0250
GCC75	GCMH4	GCMH153	CONDUIT	36.3	0.2758	0.0100
GCC8	GCMH124	GCMH64	CONDUIT	4.1	0.5617	0.0130
GCC9	GCMH64	GCMH125	CONDUIT	16.9	0.5746	0.0130
HPC1	HPMH21	HPMH11	CONDUIT	65.1	0.4070	0.0130
HPC14	HPMH6	HPMH5	CONDUIT	28.3	0.3528	0.0250
HPC15	CULV5002	CULV5004	CONDUIT	34.4	0.8727	0.0250
HPC19	HPMH16	CULV5002	CONDUIT	651.7	0.1363	0.0250
HPC2	HPMH12	HPMH20	CONDUIT	9.2	0.1088	0.0130
HPC20	HPMH40	HPMH23	CONDUIT	61.9	0.1535	0.0130
HPC21_1	CULV5004	J2	CONDUIT	76.7	0.3833	0.0250
HPC21_2	J4	CULV5466	CONDUIT	321.0	0.2115	0.0250
HPC22	HPMH23	HPMH42	CONDUIT	56.6	0.0336	0.0130
HPC24	HPMH25	HPMH43	CONDUIT	14.8	-7.6732	0.0130
HPC25	HPMH20	HPMH25	CONDUIT	94.7	0.1901	0.0130
HPC26	CULV5467	HPMH45	CONDUIT	406.1	0.6292	0.0250
HPC27	CULV5466	CULV5467	CONDUIT	20.7	0.9640	0.0250
HPC28	HPMH34	HPMH39	CONDUIT	53.5	2.6626	0.0250
HPC29	HPMH26	HPMH4	CONDUIT	30.4	0.3949	0.0250
HPC3	HPMH37	Hewlett_Park	CONDUIT	43.4	0.4358	0.0250
HPC35_1	HPMH47	CULV5453	CONDUIT	148.2	0.1147	0.0250
HPC36	HPMH11	HPMH12	CONDUIT	97.8	0.5386	0.0130
HPC37	CULV5451	CULV5450	CONDUIT	12.7	0.6948	0.0250
HPC38	CULV5444	CULV5445	CONDUIT	12.2	1.6414	0.0250
HPC39	HPMH42	HPMH36	CONDUIT	64.9	1.4498	0.0250
HPC4	HPMH41	Hewlett_Park_Wetland	CONDUIT	223.9	0.2966	0.0250
HPC40	CULV5454	CULV5451	CONDUIT	32.1	2.0014	0.0250
HPC42	CULV5450	CULV5452	CONDUIT	9.7	5.7679	0.0250
HPC43	CULV5447	CULV5446	CONDUIT	16.8	1.1455	0.0250
HPC44	CULV5453	CULV5452	CONDUIT	19.3	0.0016	0.0250
HPC45	CULV5452	CULV5447	CONDUIT	31.7	0.4324	0.0250
HPC46	CULV5440	CULV5444	CONDUIT	51.8	0.1717	0.0250
HPC47	CULV5445	CULV5446	CONDUIT	14.1	7.4543	0.0250
HPC48	CULV5446	HPMH45	CONDUIT	194.6	0.0514	0.0250
HPC49	HPMH45	HPMH46	CONDUIT	63.9	0.4853	0.0250
HPC5	Hewlett_Park_Wetland	HPMH47	CONDUIT	43.9	-0.5010	0.0250
HPC6	HPMH46	J348	CONDUIT	544.4	0.1819	0.0250
SRM1	B15STM16	B15STM15	CONDUIT	54.5	3.3231	0.0130
SRM1000	J242	J338	CONDUIT	38.4	3.7542	0.0130
SRM1002	J142	J337	CONDUIT	37.3	3.7866	0.0130
SRM1008	HPMH19	HPMH13	CONDUIT	40.4	0.2351	0.0130
SRM101	B16STM675	B16STM193	CONDUIT	48.1	5.2536	0.0130
SRM1012	HPMH18	HPMH17	CONDUIT	71.1	0.1575	0.0130
SRM1013	HPMH17	HPMH15	CONDUIT	73.7	0.1505	0.0130
SRM1014	HPMH14	HPMH15	CONDUIT	82.1	0.1497	0.0130
SRM1015	HPMH13	HPMH14	CONDUIT	62.4	0.1507	0.0130
SRM1017	HPMH19	HPMH18	CONDUIT	85.0	0.1918	0.0130
SRM1018	HPMH40	HPMH18	CONDUIT	61.5	0.1464	0.0130
SRM102	GCMH33	B17STM679	CONDUIT	59.9	0.5640	0.0130
SRM103	A16STM689	GCMH62	CONDUIT	63.1	0.7132	0.0130
SRM104	GCMH62	B16STM690	CONDUIT	44.8	1.2497	0.0130
SRM1040	HPMH15	HPMH41	CONDUIT	56.7	0.0988	0.0130
SRM105	B16STM690	GCMH84	CONDUIT	59.3	2.7835	0.0130
SRM1053	GCMH111	GCMH38	CONDUIT	17.7	1.9820	0.0130
SRM106	B15STM692	GCMH83	CONDUIT	71.2	0.4212	0.0130
SRM107_2	J20	B15STM692	CONDUIT	28.3	0.7168	0.0130
SRM108	C17STM1081	C17STM1079	CONDUIT	40.6	0.3814	0.0130
SRM109	I12STM1471	I12STM1489	CONDUIT	74.3	0.7676	0.0130
SRM109-S	I12STM1471	I12STM1489	CONDUIT	88.2	0.8387	0.0130
SRM110	I12STM1507	I12STM1508	CONDUIT	61.2	0.2417	0.0130
SRM111	I12STM1503	I12STM1508	CONDUIT	51.0	0.1998	0.0130
SRM112	I12STM1488	I12STM1507	CONDUIT	48.2	0.2180	0.0130
SRM114	B14STM39	B13STM41	CONDUIT	92.7	1.6729	0.0130
SRM116	B13STM42	B13STM43	CONDUIT	36.7	1.2001	0.0130
SRM120	A13STM46	B13STM47	CONDUIT	54.0	1.5559	0.0130
SRM120-S	A13STM46	B13STM47	CONDUIT	54.0	1.0557	0.0130
SRM121	A13STM49	A12STM48	CONDUIT	108.2	1.3214	0.0130
SRM122	B13STM47	A12STM48	CONDUIT	59.5	1.4614	0.0130
SRM122-S	B13STM47	A12STM48	CONDUIT	59.5	3.8827	0.0130
SRM123	A12STM48	A12STM50	CONDUIT	47.8	3.9168	0.0130
SRM123-S	A12STM48	A12STM50	CONDUIT	47.8	4.6303	0.0130
SRM124	A12STM50	A12STM51	CONDUIT	37.7	1.4609	0.0130
SRM124-S	A12STM50	A12STM51	CONDUIT	37.7	11.1975	0.0130
SRM125	A12STM53	A12STM52	CONDUIT	56.5	0.7970	0.0130
SRM125-S	A12STM53	A12STM52	CONDUIT	56.5	-0.3418	0.0130

SRM13	GCMH76	B14STM30	CONDUIT	135.7	0.6971	0.0130
SRM130	I12STM1508	I12STM1513	CONDUIT	85.9	0.0990	0.0130
SRM1306	J535	J155	CONDUIT	31.0	0.1709	0.0130
SRM1306-S	J535	J155	CONDUIT	36.0	0.0500	0.0130
SRM1308	J155	J156	CONDUIT	14.9	0.1613	0.0130
SRM1308-S	J155	J156	CONDUIT	24.2	3.1598	0.0130
SRM1309	J156	J157	CONDUIT	41.3	0.1937	0.0130
SRM1309-S	J156	J157	CONDUIT	41.3	0.6005	0.0130
SRM131	I12STM1513	I12STM1514	CONDUIT	47.5	0.1010	0.0130
SRM1310	J537	F9STM259	CONDUIT	47.6	0.2102	0.0250
SRM132	I12STM1514	I12STM1515	CONDUIT	71.6	0.0992	0.0130
SRM134	HPMH10	J10STM1875	CONDUIT	47.8	0.6988	0.0130
SRM136	A5STM160	A5STM1	CONDUIT	92.4	1.8182	0.0130
SRM136-S	A5STM160	A5STM1	CONDUIT	92.4	1.9481	0.0130
SRM137	A5STM158	A5STM1	CONDUIT	55.2	2.2486	0.0130
SRM137-S	A5STM158	A5STM1	CONDUIT	55.2	2.4119	0.0130
SRM138	A15STM2	A15STM3	CONDUIT	90.4	2.8779	0.0130
SRM138-S	A15STM2	A15STM3	CONDUIT	90.4	2.8447	0.0130
SRM139	A15STM3	A15STM4	CONDUIT	95.9	0.6674	0.0130
SRM139-S	A15STM3	A15STM4	CONDUIT	95.9	0.7613	0.0130
SRM13-S	GCMH76	B14STM30	CONDUIT	135.7	0.6860	0.0130
SRM14	GCMH35	GCMH36	CONDUIT	98.7	2.7537	0.0130
SRM142	GCMH60	A14STM25	CONDUIT	143.6	0.2297	0.0130
SRM144	B15STM15	B15STM8	CONDUIT	34.2	4.2981	0.0130
SRM144-S	B15STM15	B15STM8	CONDUIT	34.2	4.3859	0.0130
SRM145	B15STM8	GCMH6	CONDUIT	18.6	0.1395	0.0130
SRM145-S	B15STM8	GCMH6	CONDUIT	18.6	2.1623	0.0130
SRM146	B15STM14	B15STM15	CONDUIT	51.4	1.0698	0.0130
SRM146-S	B15STM14	B15STM15	CONDUIT	51.4	1.2838	0.0130
SRM147	B15STM9	B15STM13	CONDUIT	32.9	0.6691	0.0130
SRM148	B15STM10	B15STM13	CONDUIT	51.1	2.1535	0.0130
SRM148-S	B15STM10	B15STM13	CONDUIT	51.1	2.1927	0.0130
SRM149	B15STM13	B15STM14	CONDUIT	85.1	2.2219	0.0130
SRM149-S	B15STM13	B15STM14	CONDUIT	85.1	3.3869	0.0130
SRM14-S	GCMH35	GCMH36	CONDUIT	98.7	2.3511	0.0130
SRM150	B15STM12	B15STM11	CONDUIT	46.0	0.1956	0.0130
SRM151	A12STM51	A12STM52	CONDUIT	23.4	1.6703	0.0130
SRM151-S	A12STM51	A12STM52	CONDUIT	23.4	-8.9860	0.0130
SRM152	A13STM54	A12STM53	CONDUIT	96.7	0.8581	0.0130
SRM152-S	A13STM54	A12STM53	CONDUIT	96.7	1.6087	0.0130
SRM153	GCMH94	A13STM54	CONDUIT	50.0	0.7794	0.0130
SRM154	A12STM55	A12STM56	CONDUIT	30.5	0.9195	0.0130
SRM155	A12STM56	A12STM58	CONDUIT	31.7	1.5504	0.0130
SRM156	A12STM58	A12STM57	CONDUIT	60.8	1.3975	0.0130
SRM158	B11STM238	A11STM239	CONDUIT	100.6	1.3147	0.0130
SRM158-S	B11STM238	A11STM239	CONDUIT	100.6	0.4074	0.0130
SRM16	GCMH101	GCMH35	CONDUIT	108.8	1.8511	0.0130
SRM162	F14STM59	F14STM60	CONDUIT	50.5	6.5098	0.0130
SRM162-S	F14STM59	F14STM60	CONDUIT	50.5	5.6734	0.0130
SRM163	F14STM60	F14STM61	CONDUIT	95.1	5.0976	0.0130
SRM163-S	F14STM60	F14STM61	CONDUIT	95.1	5.2983	0.0130
SRM164	F14STM61	G14STM62	CONDUIT	75.9	4.3792	0.0130
SRM164-S	F14STM61	G14STM62	CONDUIT	75.9	3.8507	0.0130
SRM165	G14STM62	G14STM63	CONDUIT	58.5	3.0118	0.0130
SRM165-S	G14STM62	G14STM63	CONDUIT	58.5	1.7450	0.0130
SRM166	G14STM63	G14STM64	CONDUIT	85.9	2.6888	0.0130
SRM166-S	G14STM63	G14STM64	CONDUIT	85.9	2.6189	0.0130
SRM168	G14STM64	G14STM65	CONDUIT	76.5	2.8098	0.0130
SRM168-S	G14STM64	G14STM65	CONDUIT	76.5	2.6921	0.0130
SRM16-S	GCMH101	GCMH35	CONDUIT	108.8	1.7324	0.0130
SRM17	B14STM30	B13STM41	CONDUIT	48.3	1.3043	0.0130
SRM170	G14STM71	G14STM67	CONDUIT	94.1	1.3389	0.0130
SRM170-S	G14STM71	G14STM67	CONDUIT	94.1	0.3613	0.0130
SRM171	G14STM66	G14STM67	CONDUIT	66.8	0.2696	0.0130
SRM1710	GCMH114	GCMH7	CONDUIT	46.2	1.5601	0.0130
SRM1711	GCMH7	GCMH115	CONDUIT	14.7	7.7957	0.0130
SRM1712	GCMH7	GCMH8	CONDUIT	54.8	5.4126	0.0130
SRM1713	GCMH8	GCMH9	CONDUIT	42.2	5.4185	0.0130
SRM1714	GCMH9	GCMH27	CONDUIT	99.4	3.1003	0.0130
SRM1715	GCMH27	GCMH29	CONDUIT	63.1	1.0880	0.0130
SRM1716	GCMH29	GCMH30	CONDUIT	131.6	2.2611	0.0130
SRM1717	GCMH30	GCMH31	CONDUIT	15.2	1.9138	0.0130
SRM1718	GCMH116	GCMH31	CONDUIT	11.8	0.2637	0.0130
SRM1719	GCMH28	GCMH31	CONDUIT	46.3	0.6086	0.0130
SRM171-S	G14STM66	G14STM67	CONDUIT	66.8	-3.4913	0.0130

SRM1720	GCMH14	GCMH28	CONDUIT	53.1	1.8411	0.0130
SRM1721	GCMH13	GCMH14	CONDUIT	41.7	2.0622	0.0130
SRM1722	GCMH9	GCMH10	CONDUIT	82.9	4.4167	0.0130
SRM1723	GCMH10	GCMH13	CONDUIT	31.8	0.4405	0.0130
SRM1724	GCMH12	GCMH13	CONDUIT	44.5	1.4668	0.0130
SRM1725	GCMH11	GCMH12	CONDUIT	17.8	5.0327	0.0130
SRM1726	GCMH117	GCMH11	CONDUIT	15.5	4.2858	0.0130
SRM1727	GCMH14	GCMH26	CONDUIT	77.1	0.8487	0.0130
SRM1728	GCMH26	GCMH25	CONDUIT	11.9	0.9700	0.0130
SRM1729	GCMH25	GCMH20	CONDUIT	72.3	0.9284	0.0130
SRM1730	GCMH18	GCMH20	CONDUIT	49.8	0.3491	0.0130
SRM1731	GCMH17	GCMH18	CONDUIT	32.0	0.4190	0.0130
SRM1732	GCMH118	GCMH15	CONDUIT	24.0	2.0257	0.0130
SRM1733	GCMH15	GCMH19	CONDUIT	80.5	1.0804	0.0130
SRM1734	GCMH119	GCMH19	CONDUIT	22.5	2.6858	0.0130
SRM1735	GCMH120	GCMH19	CONDUIT	14.0	2.7441	0.0130
SRM1736	GCMH19	GCMH20	CONDUIT	9.8	1.0515	0.0130
SRM1737	GCMH20	GCMH22	CONDUIT	36.3	1.4062	0.0130
SRM1738	GCMH22	Waterford_Station_Pond1	CONDUIT	50.7	2.3695	0.0130
SRM1739	GCMH31	GCMH24	CONDUIT	136.9	0.5209	0.0130
SRM1740	GCMH24	GCMH23	CONDUIT	62.1	1.5155	0.0130
SRM1741	GCMH23	Waterford_Station_Pond1	CONDUIT	60.6	2.1789	0.0130
SRM1743	GCMH21	GCMH121	CONDUIT	34.0	0.2175	0.0130
SRM1744	GCMH16	GCMH122	CONDUIT	46.4	0.4999	0.0130
SRM176	H14STM70	H14STM69	CONDUIT	96.3	2.9821	0.0130
SRM176-S	H14STM70	H14STM69	CONDUIT	96.3	1.3399	0.0130
SRM178	G14STM74	G14STM72	CONDUIT	47.4	2.4883	0.0130
SRM178-S	G14STM74	G14STM72	CONDUIT	47.4	3.9241	0.0130
SRM179	G14STM72	G14STM71	CONDUIT	38.9	1.3632	0.0130
SRM179-S	G14STM72	G14STM71	CONDUIT	38.9	0.9259	0.0130
SRM18	B14STM36	B14STM40	CONDUIT	47.1	2.4610	0.0130
SRM180	G14STM75	G14STM74	CONDUIT	93.4	2.4836	0.0130
SRM180-S	G14STM75	G14STM74	CONDUIT	93.4	3.0943	0.0130
SRM181	G14STM76	G14STM75	CONDUIT	83.9	2.1569	0.0130
SRM181-S	G14STM76	G14STM75	CONDUIT	83.9	4.2930	0.0130
SRM19	B13STM240	B13STM42	CONDUIT	48.8	2.3966	0.0130
SRM195	I11STM92	I10STM93	CONDUIT	53.3	0.2494	0.0130
SRM195-S	I11STM92	I10STM93	CONDUIT	53.3	0.8120	0.0130
SRM196	I10STM93	I10STM94	CONDUIT	70.5	0.2412	0.0130
SRM196-S	I10STM93	I10STM94	CONDUIT	70.5	0.5364	0.0130
SRM197	I10STM94	I10STM95	CONDUIT	34.8	0.3881	0.0130
SRM197-S	I10STM94	I10STM95	CONDUIT	34.8	-0.3708	0.0130
SRM198	I10STM95	I9STM96	CONDUIT	123.8	0.3596	0.0130
SRM198-S	I10STM95	I9STM96	CONDUIT	123.8	0.1067	0.0130
SRM199	I9STM143	I9STM96	CONDUIT	87.2	0.3441	0.0130
SRM199-S	I9STM143	I9STM96	CONDUIT	87.2	-0.0906	0.0130
SRM1-S	B15STM16	B15STM15	CONDUIT	54.5	3.4150	0.0130
SRM2	B15STM17	B15STM16	CONDUIT	58.4	3.7031	0.0130
SRM20	B13STM43	A13STM45	CONDUIT	44.3	1.4228	0.0130
SRM200	I9STM96	I9STM97	CONDUIT	66.3	0.4375	0.0130
SRM200-S	I9STM96	I9STM97	CONDUIT	66.3	0.8238	0.0130
SRM201	I9STM97	I9STM98	CONDUIT	54.2	0.3137	0.0130
SRM201-S	I9STM97	I9STM98	CONDUIT	54.2	0.5775	0.0130
SRM202	I9STM98	I8STM99	CONDUIT	135.7	0.5194	0.0130
SRM202-S	I9STM98	I8STM99	CONDUIT	135.7	0.5651	0.0130
SRM204	I8STM99	I8STM100	CONDUIT	108.5	0.1844	0.0130
SRM204-S	I8STM99	I8STM100	CONDUIT	108.5	0.3319	0.0130
SRM206	I8STM102	I8STM100	CONDUIT	43.9	0.5701	0.0130
SRM206-S	I8STM102	I8STM100	CONDUIT	43.9	0.4356	0.0130
SRM208	I8STM100	I8STM104	CONDUIT	55.7	0.0897	0.0130
SRM208-S	I8STM100	I8STM104	CONDUIT	55.7	0.1077	0.0130
SRM209	I8STM104	I8STM106	CONDUIT	125.5	0.1546	0.0130
SRM209-S	I8STM104	I8STM106	CONDUIT	125.5	0.1355	0.0130
SRM21	A13STM44	B13STM43	CONDUIT	82.2	1.0709	0.0130
SRM214	J7STM109	J7STM110	CONDUIT	50.5	0.1346	0.0130
SRM215	J7STM110	HPMH29	CONDUIT	51.8	0.2006	0.0130
SRM215-S	J7STM110	HPMH29	CONDUIT	51.8	3.1655	0.0130
SRM216	I8STM111	I8STM100	CONDUIT	44.3	0.2260	0.0130
SRM216-S	I8STM111	I8STM100	CONDUIT	44.3	-0.9356	0.0130
SRM218	J8STM112	J8STM113	CONDUIT	67.3	0.2481	0.0130
SRM218-S	J8STM112	J8STM113	CONDUIT	67.3	-0.6433	0.0130
SRM219	HPMH48	J8STM120	CONDUIT	48.7	0.1109	0.0130
SRM219-S	HPMH48	J8STM120	CONDUIT	48.7	0.2075	0.0130
SRM22	A13STM45	A13STM46	CONDUIT	66.4	1.4150	0.0130
SRM220	J8STM118	J8STM117	CONDUIT	79.7	0.3411	0.0130

SRM220-S	J8STM118	J8STM117	CONDUIT	79.7	-0.5618	0.0130
SRM221	J9STM115	J8STM117	CONDUIT	45.0	0.2488	0.0130
SRM221-S	J9STM115	J8STM117	CONDUIT	45.0	0.4531	0.0130
SRM222	J8STM117	J8STM113	CONDUIT	50.5	0.2932	0.0130
SRM222-S	J8STM117	J8STM113	CONDUIT	50.5	0.2952	0.0130
SRM223	J9STM114	J9STM115	CONDUIT	38.6	0.0933	0.0130
SRM223-S	J9STM114	J9STM115	CONDUIT	38.6	-0.9408	0.0130
SRM224	J9STM116	J9STM115	CONDUIT	47.0	0.3279	0.0130
SRM224-S	J9STM116	J9STM115	CONDUIT	47.0	-0.6047	0.0130
SRM225	J9STM1871	J9STM116	CONDUIT	55.1	0.1542	0.0130
SRM225-S	J9STM1871	J9STM116	CONDUIT	55.1	0.6278	0.0130
SRM227	J8STM119	J8STM113	CONDUIT	67.5	0.2562	0.0130
SRM227-S	J8STM119	J8STM113	CONDUIT	67.5	-0.6621	0.0130
SRM228	J8STM121	J7STM122	CONDUIT	51.2	0.2110	0.0130
SRM228-S	J8STM121	J7STM122	CONDUIT	51.2	0.4239	0.0130
SRM229	J8STM120	J8STM121	CONDUIT	43.1	0.1532	0.0130
SRM229-S	J8STM120	J8STM121	CONDUIT	43.1	-0.1137	0.0130
SRM23	A12STM52	A12STM55	CONDUIT	55.8	1.0572	0.0130
SRM230	J7STM122	J7STM123	CONDUIT	45.1	0.1443	0.0130
SRM230-S	J7STM122	J7STM123	CONDUIT	45.1	-0.4550	0.0130
SRM231	J7STM123	J7STM124	CONDUIT	48.5	0.1588	0.0130
SRM231-S	J7STM123	J7STM124	CONDUIT	48.5	0.4517	0.0130
SRM232	J7STM124	J7STM110	CONDUIT	45.5	0.1055	0.0130
SRM232-S	J7STM124	J7STM110	CONDUIT	45.5	0.7694	0.0130
SRM233	I7STM125	J7STM110	CONDUIT	123.4	0.3169	0.0130
SRM233-S	I7STM125	J7STM110	CONDUIT	123.4	0.0486	0.0130
SRM238	I8STM132	I7STM129	CONDUIT	48.0	0.1459	0.0130
SRM238-S	I8STM132	I7STM129	CONDUIT	48.0	0.2647	0.0130
SRM239	I8STM152	I8STM130	CONDUIT	49.6	0.1007	0.0130
SRM239-S	I8STM152	I8STM130	CONDUIT	49.6	0.1390	0.0130
SRM24	A15STM4	Lakeway_Landing_Phase1	CONDUIT	40.5	4.7220	0.0130
SRM240	I8STM130	H7STM133	CONDUIT	96.8	0.2067	0.0130
SRM240-S	I8STM130	H7STM133	CONDUIT	96.8	0.1013	0.0130
SRM242	H8STM134	H7STM133	CONDUIT	94.0	0.1969	0.0130
SRM242-S	H8STM134	H7STM133	CONDUIT	94.0	0.2991	0.0130
SRM243	H8STM135	H8STM134	CONDUIT	32.6	0.2457	0.0130
SRM243-S	H8STM135	H8STM134	CONDUIT	32.6	-0.3010	0.0130
SRM244	D14STM248	D14STM247	CONDUIT	89.3	2.4644	0.0130
SRM244-S	D14STM248	D14STM247	CONDUIT	89.3	2.1562	0.0130
SRM245	D14STM247	D14STM249	CONDUIT	102.1	1.8223	0.0130
SRM245-S	D14STM247	D14STM249	CONDUIT	102.1	1.9547	0.0130
SRM246	D13STM250	D13STM251	CONDUIT	68.9	1.8152	0.0130
SRM246-S	D13STM250	D13STM251	CONDUIT	92.6	0.7995	0.0130
SRM247	D13STM251	C13STM252	CONDUIT	132.8	1.8222	0.0130
SRM247-S	D13STM251	C13STM252	CONDUIT	134.3	-1.7089	0.0130
SRM248	C13STM252	C12STM253	CONDUIT	118.4	1.7395	0.0130
SRM248-S	C13STM252	C12STM253	CONDUIT	118.4	-0.0220	0.0130
SRM249	C12STM253	C12STM254	CONDUIT	88.5	1.8191	0.0130
SRM249-S	C12STM253	C12STM254	CONDUIT	88.5	3.7928	0.0130
SRM25	A15STM6	GCMH60	CONDUIT	59.8	0.2174	0.0130
SRM250	D12STM255	C12STM256	CONDUIT	126.5	0.1344	0.0130
SRM250-S	D12STM255	C12STM256	CONDUIT	126.5	-0.6452	0.0130
SRM251	I13STM1525	I13STM1526	CONDUIT	89.1	1.1043	0.0130
SRM251-S	I13STM1525	I13STM1526	CONDUIT	89.1	1.3422	0.0130
SRM252	I14STM1528	I13STM1527	CONDUIT	43.8	0.2398	0.0130
SRM253	I13STM1527	I14STM1530	CONDUIT	55.3	1.0462	0.0130
SRM253-S	I13STM1527	I14STM1530	CONDUIT	55.3	0.9396	0.0130
SRM254	I14STM1522	I14STM1529	CONDUIT	54.2	2.9722	0.0130
SRM254-S	I14STM1522	I14STM1529	CONDUIT	54.2	2.6581	0.0130
SRM255	I14STM1529	I14STM1530	CONDUIT	41.6	3.0043	0.0130
SRM255-S	I14STM1529	I14STM1530	CONDUIT	41.6	2.6216	0.0130
SRM256	I14STM1530	I13STM1478	CONDUIT	103.0	1.5061	0.0130
SRM256-S	I14STM1530	I13STM1478	CONDUIT	103.0	1.6314	0.0130
SRM257	H13STM1532	H13STM1533	CONDUIT	100.1	0.4853	0.0130
SRM257-S	H13STM1532	H13STM1533	CONDUIT	100.1	0.9487	0.0130
SRM258	H13STM2276	H13STM1532	CONDUIT	79.9	0.3428	0.0130
SRM258-S	H13STM2276	H13STM1532	CONDUIT	79.9	0.9384	0.0130
SRM259	H13STM1531	H13STM1532	CONDUIT	32.5	0.4677	0.0130
SRM259-S	H13STM1531	H13STM1532	CONDUIT	32.5	0.8615	0.0130
SRM26	B15STM8	A15STM7	CONDUIT	53.3	2.5884	0.0130
SRM261	J10STM1873	J9STM1872	CONDUIT	82.3	0.2273	0.0130
SRM261-S	J10STM1873	J9STM1872	CONDUIT	82.3	0.5956	0.0130
SRM262	J9STM1872	J9STM1871	CONDUIT	95.8	0.2892	0.0130
SRM262-S	J9STM1872	J9STM1871	CONDUIT	95.8	0.4124	0.0130
SRM263	J10STM1877	J10STM1876	CONDUIT	57.6	0.2465	0.0130

SRM263-S	J10STM1877	J10STM1876	CONDUIT	57.6	1.3870	0.0130
SRM264	J10STM1874	J10STM1873	CONDUIT	54.4	0.2242	0.0130
SRM264-S	J10STM1874	J10STM1873	CONDUIT	54.4	-0.4319	0.0130
SRM266	H8STM136	H8STM135	CONDUIT	85.4	0.2986	0.0130
SRM266-S	H8STM136	H8STM135	CONDUIT	85.4	0.5070	0.0130
SRM267	H9STM138	H8STM137	CONDUIT	90.9	0.4123	0.0130
SRM267-S	H9STM138	H8STM137	CONDUIT	90.9	0.5454	0.0130
SRM268	H8STM137	H8STM136	CONDUIT	45.5	0.5168	0.0130
SRM268-S	H8STM137	H8STM136	CONDUIT	45.5	0.5938	0.0130
SRM269	I9STM139	I8STM140	CONDUIT	91.3	0.7664	0.0130
SRM269-S	I9STM139	I8STM140	CONDUIT	91.3	1.0171	0.0130
SRM27	A11STM239	GCMH66	CONDUIT	62.4	0.6742	0.0130
SRM270	I8STM140	I8STM141	CONDUIT	40.2	0.4981	0.0130
SRM270-S	I8STM140	I8STM141	CONDUIT	40.2	-0.3387	0.0130
SRM272	I10STM144	I10STM145	CONDUIT	41.3	0.0606	0.0130
SRM272-S	I10STM144	I10STM145	CONDUIT	41.3	-1.0931	0.0130
SRM273	J61	I10STM146	CONDUIT	21.9	0.6387	0.0130
SRM274	I10STM145	I10STM146	CONDUIT	45.4	0.2006	0.0130
SRM274-S	I10STM145	I10STM146	CONDUIT	45.4	0.5313	0.0130
SRM275	I10STM146	I10STM147	CONDUIT	41.9	0.2004	0.0130
SRM275-S	I10STM146	I10STM147	CONDUIT	41.9	0.5990	0.0130
SRM276	I9STM149	I9STM148	CONDUIT	28.3	0.2831	0.0130
SRM276-S	I9STM149	I9STM148	CONDUIT	28.3	-0.1026	0.0130
SRM277	I10STM147	I9STM148	CONDUIT	58.0	0.1983	0.0130
SRM277-S	I10STM147	I9STM148	CONDUIT	58.0	0.6002	0.0130
SRM28	A12STM57	GCMH66	CONDUIT	36.6	1.3689	0.0130
SRM280	J106	I11STM153	CONDUIT	371.5	0.5437	0.0130
SRM280-S	J106	I11STM153	CONDUIT	371.5	0.5101	0.0130
SRM281	I11STM154	J11STM155	CONDUIT	157.2	0.6298	0.0130
SRM281-S	I11STM154	J11STM155	CONDUIT	157.2	0.5261	0.0130
SRM283	J11STM155	J11STM156	CONDUIT	74.1	0.6208	0.0130
SRM283-S	J11STM155	J11STM156	CONDUIT	74.1	1.1647	0.0130
SRM284	J11STM156	J11STM157	CONDUIT	94.1	0.6281	0.0130
SRM284-S	J11STM156	J11STM157	CONDUIT	94.1	-0.5856	0.0130
SRM287	A5STM161	A5STM160	CONDUIT	88.6	2.3484	0.0130
SRM287-S	A5STM161	A5STM160	CONDUIT	88.6	2.0321	0.0130
SRM288	A6STM163	A6STM162	CONDUIT	44.8	1.6952	0.0130
SRM289	A7STM165	A7STM166	CONDUIT	55.7	3.6126	0.0130
SRM289-S	A7STM165	A7STM166	CONDUIT	55.7	2.9096	0.0130
SRM290	A7STM166	B7STM167	CONDUIT	50.9	3.6527	0.0130
SRM290-S	A7STM166	B7STM167	CONDUIT	50.9	4.1709	0.0130
SRM291	B7STM167	B7STM168	CONDUIT	82.7	3.6465	0.0130
SRM291-S	B7STM167	B7STM168	CONDUIT	82.7	3.9081	0.0130
SRM292	B7STM170	B7STM169	CONDUIT	59.3	0.4971	0.0130
SRM293	B7STM168	B7STM169	CONDUIT	34.0	1.8200	0.0130
SRM293-S	B7STM168	B7STM169	CONDUIT	34.0	4.2017	0.0130
SRM298	B7STM176	B7STM175	CONDUIT	40.6	3.1481	0.0130
SRM298-S	B7STM176	B7STM175	CONDUIT	40.6	-0.6481	0.0130
SRM299	B7STM175	B7STM177	CONDUIT	119.3	0.2112	0.0130
SRM299-S	B7STM175	B7STM177	CONDUIT	119.3	0.4526	0.0130
SRM2-S	B15STM17	B15STM16	CONDUIT	58.4	3.7203	0.0130
SRM3	B15STM18	B15STM17	CONDUIT	39.8	1.2559	0.0130
SRM30	G14STM65	J105	CONDUIT	66.5	0.7824	0.0130
SRM300	B7STM177	C7STM178	CONDUIT	61.3	0.1876	0.0130
SRM300-S	B7STM177	C7STM178	CONDUIT	61.3	0.1632	0.0130
SRM301	C7STM178	C7STM179	CONDUIT	52.2	0.1972	0.0130
SRM301-S	C7STM178	C7STM179	CONDUIT	52.2	0.6893	0.0130
SRM303	C6STM180	C7STM179	CONDUIT	76.7	0.6505	0.0130
SRM303-S	C6STM180	C7STM179	CONDUIT	80.3	-1.1775	0.0130
SRM304	C7STM179	C7STM182	CONDUIT	113.2	0.0875	0.0130
SRM304-S	C7STM179	C7STM182	CONDUIT	119.7	-0.1922	0.0130
SRM307	B7STM184	C7STM185	CONDUIT	140.1	0.2155	0.0130
SRM307-S	B7STM184	C7STM185	CONDUIT	140.1	0.4068	0.0130
SRM308	C7STM185	C7STM187	CONDUIT	43.3	0.3143	0.0130
SRM308-S	C7STM185	C7STM187	CONDUIT	43.3	-0.4160	0.0130
SRM31	G14STM68	Pier_View	CONDUIT	31.8	-3.8722	0.0130
SRM310	C7STM187	C7STM182	CONDUIT	72.4	0.2583	0.0130
SRM310-S	C7STM187	C7STM182	CONDUIT	72.4	0.3039	0.0130
SRM312	C7STM187	C8STM188	CONDUIT	68.3	0.6264	0.0130
SRM312-S	C7STM187	C8STM188	CONDUIT	68.3	0.4683	0.0130
SRM313	B8STM191	B8STM190	CONDUIT	122.0	0.9817	0.0130
SRM313-S	B8STM191	B8STM190	CONDUIT	122.0	0.8932	0.0130
SRM314	B8STM190	C8STM189	CONDUIT	129.2	0.3105	0.0130
SRM314-S	B8STM190	C8STM189	CONDUIT	129.2	0.4026	0.0130
SRM315	GCMH3	B7STM175	CONDUIT	105.7	0.6472	0.0130

SRM315-S	GCMH3	B7STM175	CONDUIT	105.7	0.4163	0.0130
SRM316	B16STM194	B16STM192	CONDUIT	44.9	1.4939	0.0130
SRM316-S	B16STM194	B16STM192	CONDUIT	44.9	1.3155	0.0130
SRM317	B16STM192	B16STM193	CONDUIT	74.6	0.7772	0.0130
SRM318	B15STM195	B16STM194	CONDUIT	46.6	1.2457	0.0130
SRM318-S	B15STM195	B16STM194	CONDUIT	46.6	-0.6014	0.0130
SRM319	C15STM196	B15STM197	CONDUIT	50.9	2.1595	0.0130
SRM32	J342	J343	CONDUIT	33.8	4.5313	0.0130
SRM320	C15STM198	C15STM196	CONDUIT	72.0	2.3068	0.0130
SRM321	C15STM200	B15STM199	CONDUIT	101.2	0.6919	0.0130
SRM321-S	C15STM200	B15STM199	CONDUIT	101.2	0.8877	0.0130
SRM322	C15STM201	C15STM200	CONDUIT	42.3	0.4967	0.0130
SRM322-S	C15STM201	C15STM200	CONDUIT	42.3	0.6906	0.0130
SRM323	C15STM202	C15STM201	CONDUIT	98.1	0.3161	0.0130
SRM323-S	C15STM202	C15STM201	CONDUIT	98.1	1.2644	0.0130
SRM325	GCMH95	B14STM204	CONDUIT	46.1	4.0629	0.0130
SRM325-S	GCMH95	B14STM204	CONDUIT	46.1	3.2798	0.0130
SRM326	B14STM204	B14STM214	CONDUIT	115.8	3.7779	0.0130
SRM326-S	B14STM204	B14STM214	CONDUIT	115.8	3.1716	0.0130
SRM327	C14STM206	C14STM205	CONDUIT	40.2	2.5371	0.0130
SRM327-S	C14STM206	C14STM205	CONDUIT	40.2	4.3306	0.0130
SRM328	C14STM207	C14STM208	CONDUIT	44.1	0.5105	0.0130
SRM328-S	C14STM207	C14STM208	CONDUIT	44.1	-0.8169	0.0130
SRM329	C14STM208	C14STM209	CONDUIT	50.3	4.2172	0.0130
SRM329-S	C14STM208	C14STM209	CONDUIT	50.3	4.2152	0.0130
SRM33	G14STM73	G14STM72	CONDUIT	90.4	3.4737	0.0130
SRM332	C14STM212	C14STM209	CONDUIT	98.5	1.0122	0.0130
SRM332-S	C14STM212	C14STM209	CONDUIT	98.5	0.4873	0.0130
SRM334	GCMH74	C14STM213	CONDUIT	22.9	0.5975	0.0130
SRM335	B14STM214	B13STM215	CONDUIT	118.1	2.1133	0.0130
SRM335-S	B14STM214	B13STM215	CONDUIT	118.1	3.0398	0.0130
SRM336	B13STM215	B13STM216	CONDUIT	75.8	1.4315	0.0130
SRM336-S	B13STM215	B13STM216	CONDUIT	75.8	0.6887	0.0130
SRM337	B13STM216	B13STM224	CONDUIT	81.6	1.2740	0.0130
SRM337-S	B13STM216	B13STM224	CONDUIT	81.6	1.3659	0.0130
SRM338	C13STM217	C13STM219	CONDUIT	61.3	0.3962	0.0130
SRM338-S	C13STM217	C13STM219	CONDUIT	61.3	0.5723	0.0130
SRM339	C13STM219	B12STM220	CONDUIT	108.9	0.4161	0.0130
SRM339-S	C13STM219	B12STM220	CONDUIT	108.9	0.6587	0.0130
SRM341	C12STM221	B12STM220	CONDUIT	115.1	0.7018	0.0130
SRM341-S	C12STM221	B12STM220	CONDUIT	115.1	0.5411	0.0130
SRM342	C12STM222	GCMH71	CONDUIT	52.7	-0.0399	0.0130
SRM342-S	C12STM222	GCMH71	CONDUIT	52.7	0.7477	0.0130
SRM343	C12STM223	C12STM222	CONDUIT	140.4	2.0415	0.0130
SRM343-S	C12STM223	C12STM222	CONDUIT	140.4	2.0686	0.0130
SRM345	B13STM225	B13STM226	CONDUIT	34.1	1.2294	0.0130
SRM345-S	B13STM225	B13STM226	CONDUIT	34.1	0.8655	0.0130
SRM346	B13STM224	B13STM226	CONDUIT	54.0	1.3754	0.0130
SRM346-S	B13STM224	B13STM226	CONDUIT	54.0	1.3160	0.0130
SRM347	B13STM226	B12STM227	CONDUIT	63.4	1.3657	0.0130
SRM347-S	B13STM226	B12STM227	CONDUIT	63.4	1.5755	0.0130
SRM349	GCMH67	GCMH68	CONDUIT	23.9	0.6733	0.0130
SRM350	GCMH70	GCMH68	CONDUIT	46.4	0.3991	0.0130
SRM351	B12STM227	B12STM228	CONDUIT	40.9	4.2479	0.0130
SRM351-S	B12STM227	B12STM228	CONDUIT	40.9	4.1327	0.0130
SRM352	B12STM228	B12STM229	CONDUIT	59.0	5.5896	0.0130
SRM352-S	B12STM228	B12STM229	CONDUIT	59.0	5.5589	0.0130
SRM353	B12STM229	B12STM230	CONDUIT	45.3	2.2719	0.0130
SRM353-S	B12STM229	B12STM230	CONDUIT	45.3	3.7513	0.0130
SRM354	B12STM230	B11STM231	CONDUIT	111.2	1.7768	0.0130
SRM354-S	B12STM230	B11STM231	CONDUIT	111.2	2.0153	0.0130
SRM355	B11STM231	B11STM238	CONDUIT	102.9	0.5794	0.0130
SRM355-S	B11STM231	B11STM238	CONDUIT	102.9	-0.5055	0.0130
SRM356	B11STM232	B11STM231	CONDUIT	92.9	0.8669	0.0130
SRM356-S	B11STM232	B11STM231	CONDUIT	92.9	0.4738	0.0130
SRM363	B13STM241	B13STM240	CONDUIT	55.1	2.9075	0.0130
SRM363-S	B13STM241	B13STM240	CONDUIT	55.1	0.6903	0.0130
SRM364	B13STM242	B13STM241	CONDUIT	74.8	0.4305	0.0130
SRM364-S	B13STM242	B13STM241	CONDUIT	74.8	-0.6296	0.0130
SRM366	D14STM244	D13STM250	CONDUIT	111.8	1.6458	0.0130
SRM366-S	D14STM244	D13STM250	CONDUIT	111.8	1.6727	0.0130
SRM368	D14STM246	D14STM245	CONDUIT	35.0	1.8100	0.0130
SRM368-S	D14STM246	D14STM245	CONDUIT	35.0	2.5527	0.0130
SRM369	D14STM245	D14STM247	CONDUIT	75.9	1.8180	0.0130
SRM369-S	D14STM245	D14STM247	CONDUIT	75.9	3.4122	0.0130

SRM371	C12STM256	C11STM258	CONDUIT	60.1	1.8131	0.0130
SRM371-S	C12STM256	C11STM258	CONDUIT	60.1	4.7785	0.0130
SRM372	C11STM258	C11STM257	CONDUIT	45.7	1.8171	0.0130
SRM372-S	C11STM258	C11STM257	CONDUIT	45.7	4.6301	0.0130
SRM374	J372	J351	CONDUIT	47.6	0.9857	0.0130
SRM374-S	J372	J351	CONDUIT	47.6	0.7755	0.0130
SRM376	J373	J352	CONDUIT	63.6	1.1487	0.0130
SRM376-S	J373	J352	CONDUIT	63.6	1.1487	0.0130
SRM377	J374	J375	CONDUIT	63.8	1.2658	0.0250
SRM377-S	J374	J375	CONDUIT	63.8	1.7359	0.0130
SRM378	J8	J374	CONDUIT	131.3	1.3819	0.0250
SRM378-S	J8	J374	CONDUIT	131.3	1.3819	0.0130
SRM379	J7	J8	CONDUIT	14.6	0.3142	0.0250
SRM379-S	J7	J8	CONDUIT	14.6	0.3142	0.0130
SRM381	J376	J7	CONDUIT	70.1	1.1480	0.0130
SRM381-S	J376	J7	CONDUIT	70.1	1.1480	0.0130
SRM382	J377	J7	CONDUIT	99.8	0.1333	0.0250
SRM382-S	J377	J7	CONDUIT	99.8	0.1333	0.0130
SRM383	J378	F9STM259	CONDUIT	70.2	1.3540	0.0250
SRM383-S	J378	F9STM259	CONDUIT	70.2	1.3540	0.0130
SRM387	J354	F8STM265	CONDUIT	54.0	3.1548	0.0250
SRM387-S	J354	F8STM265	CONDUIT	54.0	0.4145	0.0130
SRM388	J379	J356	CONDUIT	28.9	0.2006	0.0130
SRM388-S	J379	J356	CONDUIT	28.9	-0.8369	0.0130
SRM390	J380	G8STM260	CONDUIT	15.4	0.2535	0.0130
SRM390-S	J380	G8STM260	CONDUIT	15.4	1.4627	0.0130
SRM391	G8STM269	J380	CONDUIT	5.5	0.2366	0.0130
SRM391-S	G8STM269	J380	CONDUIT	5.5	0.8919	0.0130
SRM393	J381	J382	CONDUIT	31.3	0.4760	0.0130
SRM393-S	J381	J382	CONDUIT	31.3	0.4760	0.0130
SRM394	J382	G8STM260	CONDUIT	7.4	22.3429	0.0130
SRM394-S	J382	G8STM260	CONDUIT	7.4	-0.2152	0.0130
SRM395	G8STM260	G7STM262	CONDUIT	111.7	0.9264	0.0130
SRM395-S	G8STM260	G7STM262	CONDUIT	111.7	0.6176	0.0130
SRM396	G7STM261	G7STM262	CONDUIT	102.5	0.9328	0.0130
SRM396-S	G7STM261	G7STM262	CONDUIT	102.5	0.3005	0.0130
SRM3-S	B15STM18	B15STM17	CONDUIT	39.8	2.2862	0.0130
SRM4	B15STM19	B15STM18	CONDUIT	33.6	0.9224	0.0130
SRM400	J375	J384	CONDUIT	14.4	1.0033	0.0250
SRM400-S	J375	J384	CONDUIT	14.4	-3.2342	0.0130
SRM402	J384	J385	CONDUIT	58.0	0.1328	0.0250
SRM403	J55	G8STM269	CONDUIT	98.9	0.2509	0.0250
SRM405	J387	F9STM264	CONDUIT	108.4	0.3431	0.0250
SRM406	J385	J387	CONDUIT	13.1	0.0023	0.0250
SRM408	F9STM264	J388	CONDUIT	15.1	0.3123	0.0250
SRM410	J388	F8STM265	CONDUIT	85.0	0.3059	0.0250
SRM411	F8STM265	F8STM266	CONDUIT	19.3	0.3049	0.0250
SRM411-S	F8STM265	F8STM266	CONDUIT	19.3	-0.3463	0.0130
SRM414	F8STM266	J49	CONDUIT	97.9	0.3055	0.0250
SRM415	J50	J51	CONDUIT	40.0	0.4771	0.0250
SRM420	J389	G7STM261	CONDUIT	190.5	0.2100	0.0250
SRM420-S	J389	G7STM261	CONDUIT	190.5	-0.0877	0.0130
SRM422	F14STM271	F14STM272	CONDUIT	138.3	2.2590	0.0130
SRM422-S	F14STM271	F14STM272	CONDUIT	138.3	2.7656	0.0130
SRM424	F14STM273	J390	CONDUIT	25.9	2.4414	0.0130
SRM426	B16STM672	B16STM671	CONDUIT	103.6	0.9655	0.0130
SRM426-S	B16STM672	B16STM671	CONDUIT	103.6	1.7961	0.0130
SRM427	B16STM671	B16STM192	CONDUIT	47.2	1.4822	0.0130
SRM427-S	B16STM671	B16STM192	CONDUIT	55.4	1.9677	0.0130
SRM428	B17STM673	B16STM672	CONDUIT	110.8	0.4151	0.0130
SRM428-S	B17STM673	B16STM672	CONDUIT	110.8	1.8141	0.0130
SRM429	B17STM677	B16STM678	CONDUIT	61.8	1.0303	0.0130
SRM429-S	B17STM677	B16STM678	CONDUIT	61.8	1.3263	0.0130
SRM430	B16STM674	B16STM675	CONDUIT	39.9	0.3407	0.0130
SRM430-S	B16STM674	B16STM675	CONDUIT	39.9	2.0546	0.0130
SRM431	B17STM676	B17STM677	CONDUIT	36.0	4.8075	0.0130
SRM431-S	B17STM676	B17STM677	CONDUIT	36.0	4.4760	0.0130
SRM432	B17STM684	B17STM686	CONDUIT	71.5	0.4321	0.0130
SRM432-S	B17STM684	B17STM686	CONDUIT	71.5	-0.7942	0.0130
SRM433	B16STM678	B16STM674	CONDUIT	38.9	0.4040	0.0130
SRM433-S	B16STM678	B16STM674	CONDUIT	38.9	1.9819	0.0130
SRM434	B17STM679	B17STM680	CONDUIT	45.9	1.8933	0.0130
SRM434-S	B17STM679	B17STM680	CONDUIT	45.9	2.3532	0.0130
SRM435	B17STM680	B17STM683	CONDUIT	44.6	4.6513	0.0130
SRM435-S	B17STM680	B17STM683	CONDUIT	44.6	4.2085	0.0130

SRM436	A17STM681	A17STM682	CONDUIT	131.4	1.5935	0.0130
SRM437	A17STM682	B17STM683	CONDUIT	148.5	0.8520	0.0130
SRM438	B17STM683	B17STM685	CONDUIT	51.0	1.6835	0.0130
SRM438-S	B17STM683	B17STM685	CONDUIT	51.0	1.7150	0.0130
SRM439	B17STM685	B17STM684	CONDUIT	28.5	1.0742	0.0130
SRM439-S	B17STM685	B17STM684	CONDUIT	28.5	-0.6389	0.0130
SRM440	B17STM686	B16STM678	CONDUIT	45.9	0.2787	0.0130
SRM440-S	B17STM686	B16STM678	CONDUIT	45.9	-0.3701	0.0130
SRM441	A16STM687	A16STM688	CONDUIT	63.1	1.8230	0.0130
SRM441-S	A16STM687	A16STM688	CONDUIT	63.1	1.9816	0.0130
SRM442	A16STM688	A16STM689	CONDUIT	47.2	0.5089	0.0130
SRM442-S	A16STM688	A16STM689	CONDUIT	47.2	0.7209	0.0130
SRM445	A15STM691	A16STM689	CONDUIT	149.3	0.3818	0.0130
SRM445-S	A15STM691	A16STM689	CONDUIT	149.3	-0.4153	0.0130
SRM448	B17STM1071	B17STM673	CONDUIT	36.5	2.8513	0.0130
SRM448-S	B17STM1071	B17STM673	CONDUIT	36.5	2.7141	0.0130
SRM449	B17STM1072	B17STM1071	CONDUIT	69.4	0.7058	0.0130
SRM449-S	B17STM1072	B17STM1071	CONDUIT	69.4	0.1728	0.0130
SRM450	C17STM1075	C17STM1074	CONDUIT	98.8	0.7511	0.0130
SRM450-S	C17STM1075	C17STM1074	CONDUIT	98.8	0.0304	0.0130
SRM451	C17STM1090	B17STM1072	CONDUIT	42.9	0.4735	0.0130
SRM451-S	C17STM1090	B17STM1072	CONDUIT	42.9	-1.3529	0.0130
SRM452	C17STM1073	C17STM1074	CONDUIT	61.8	0.5240	0.0130
SRM452-S	C17STM1073	C17STM1074	CONDUIT	61.8	0.1294	0.0130
SRM453	C17STM1074	C17STM1090	CONDUIT	33.3	0.1743	0.0130
SRM453-S	C17STM1074	C17STM1090	CONDUIT	33.3	-0.0301	0.0130
SRM454	C18STM1077	C17STM1076	CONDUIT	94.1	0.4324	0.0130
SRM454-S	C18STM1077	C17STM1076	CONDUIT	94.1	0.0425	0.0130
SRM455	C17STM1080	C17STM1075	CONDUIT	31.6	0.3573	0.0130
SRM455-S	C17STM1080	C17STM1075	CONDUIT	31.6	0.6009	0.0130
SRM456	C17STM1076	C17STM1075	CONDUIT	73.7	0.3014	0.0130
SRM456-S	C17STM1076	C17STM1075	CONDUIT	73.7	0.0950	0.0130
SRM457	C17STM1078	C17STM1079	CONDUIT	70.6	0.3655	0.0130
SRM458	C17STM1079	C17STM1080	CONDUIT	66.8	0.2771	0.0130
SRM459	B17STM1082	B17STM1072	CONDUIT	24.9	0.9504	0.0130
SRM459-S	B17STM1082	B17STM1072	CONDUIT	24.9	-0.8061	0.0130
SRM46	I8STM142	I8STM99	CONDUIT	51.1	0.3114	0.0130
SRM460	B17STM1083	B17STM1082	CONDUIT	23.9	0.8584	0.0130
SRM460-S	B17STM1083	B17STM1082	CONDUIT	23.9	-0.6281	0.0130
SRM461	B18STM1084	B17STM1083	CONDUIT	34.7	0.2391	0.0130
SRM461-S	B18STM1084	B17STM1083	CONDUIT	34.7	0.6943	0.0130
SRM462	C16STM1088	C16STM1085	CONDUIT	88.2	0.3732	0.0130
SRM462-S	C16STM1088	C16STM1085	CONDUIT	88.2	0.5332	0.0130
SRM463	C16STM1086	C16STM1088	CONDUIT	41.0	0.4760	0.0130
SRM463-S	C16STM1086	C16STM1088	CONDUIT	41.0	-0.5859	0.0130
SRM464	C16STM1087	C16STM1088	CONDUIT	45.7	0.5383	0.0130
SRM464-S	C16STM1087	C16STM1088	CONDUIT	45.7	0.5252	0.0130
SRM465	C16STM1089	C16STM1087	CONDUIT	50.4	0.3768	0.0130
SRM465-S	C16STM1089	C16STM1087	CONDUIT	50.4	-0.5553	0.0130
SRM466	C16STM1085	B16STM672	CONDUIT	107.2	0.4737	0.0130
SRM466-S	C16STM1085	B16STM672	CONDUIT	107.2	0.8486	0.0130
SRM467	I13STM1476	I13STM1474	CONDUIT	71.9	0.5913	0.0130
SRM467-S	I13STM1476	I13STM1474	CONDUIT	71.9	0.9878	0.0130
SRM468	I12STM1472	I12STM1473	CONDUIT	44.0	0.2407	0.0130
SRM469	I13STM1475	I13STM1474	CONDUIT	33.7	1.1060	0.0130
SRM469-S	I13STM1475	I13STM1474	CONDUIT	33.7	0.5337	0.0130
SRM47	I8STM101	I8STM102	CONDUIT	18.1	0.3040	0.0130
SRM470	I13STM1474	I12STM1473	CONDUIT	37.1	1.2000	0.0130
SRM470-S	I13STM1474	I12STM1473	CONDUIT	37.1	0.6741	0.0130
SRM471	I13STM1476	I13STM1496	CONDUIT	118.1	0.5011	0.0130
SRM471-S	I13STM1476	I13STM1496	CONDUIT	118.1	0.7703	0.0130
SRM472	I13STM1477	I13STM1496	CONDUIT	44.1	0.2401	0.0130
SRM473	I13STM1480	I12STM1481	CONDUIT	91.6	0.5909	0.0130
SRM473-S	I13STM1480	I12STM1481	CONDUIT	91.6	-0.0328	0.0130
SRM474	I13STM1478	I13STM1479	CONDUIT	63.1	0.7365	0.0130
SRM474-S	I13STM1478	I13STM1479	CONDUIT	63.1	0.6019	0.0130
SRM475	I13STM1479	I13STM1480	CONDUIT	49.7	0.5251	0.0130
SRM475-S	I13STM1479	I13STM1480	CONDUIT	49.7	0.5634	0.0130
SRM476	I13STM1482	I12STM1483	CONDUIT	63.9	0.5036	0.0130
SRM476-S	I13STM1482	I12STM1483	CONDUIT	63.9	0.5787	0.0130
SRM477	I12STM1483	I12STM1481	CONDUIT	57.1	0.4673	0.0130
SRM477-S	I12STM1483	I12STM1481	CONDUIT	57.1	-0.7001	0.0130
SRM478	I12STM1481	I12STM1484	CONDUIT	52.3	0.3022	0.0130
SRM478-S	I12STM1481	I12STM1484	CONDUIT	52.3	0.5164	0.0130
SRM479	I12STM1515	J9	CONDUIT	34.3	0.1195	0.0130

SRM479-S	I12STM1515	J9	CONDUIT	34.3	-1.3119	0.0130
SRM48	I8STM103	I8STM101	CONDUIT	26.9	0.7448	0.0130
SRM480	I12STM1486	I12STM1485	CONDUIT	128.6	0.3182	0.0130
SRM480-S	I12STM1486	I12STM1485	CONDUIT	128.6	0.2256	0.0130
SRM481	I12STM1484	I12STM1485	CONDUIT	49.9	0.2983	0.0130
SRM481-S	I12STM1484	I12STM1485	CONDUIT	49.9	-0.3003	0.0130
SRM482	I12STM1487	I12STM1486	CONDUIT	43.5	0.5011	0.0130
SRM482-S	I12STM1487	I12STM1486	CONDUIT	43.5	0.8734	0.0130
SRM483	I12STM1489	I12STM1488	CONDUIT	15.7	1.2630	0.0130
SRM483-S	I12STM1489	I12STM1488	CONDUIT	15.7	2.0415	0.0130
SRM484	H12STM1492	I12STM1488	CONDUIT	97.8	0.5432	0.0130
SRM484-S	H12STM1492	I12STM1488	CONDUIT	97.8	0.8593	0.0130
SRM485	H12STM1493	H12STM1492	CONDUIT	54.5	0.5704	0.0130
SRM485-S	H12STM1493	H12STM1492	CONDUIT	54.5	0.8253	0.0130
SRM486	H13STM1494	H12STM1495	CONDUIT	71.4	1.9973	0.0130
SRM486-S	H13STM1494	H12STM1495	CONDUIT	71.4	1.8348	0.0130
SRM487	H12STM1495	H12STM1493	CONDUIT	33.0	0.6308	0.0130
SRM487-S	H12STM1495	H12STM1493	CONDUIT	33.0	0.8795	0.0130
SRM488	I13STM1496	I13STM1478	CONDUIT	53.6	0.3396	0.0130
SRM488-S	I13STM1496	I13STM1478	CONDUIT	53.6	0.5598	0.0130
SRM489	H12STM1537	J26	CONDUIT	50.7	0.5030	0.0130
SRM489-S	H12STM1537	J26	CONDUIT	50.7	1.1244	0.0130
SRM49	J344	I8STM104	CONDUIT	141.5	0.2473	0.0130
SRM490	H12STM1498	H11STM1499	CONDUIT	109.5	0.5407	0.0130
SRM490-S	H12STM1498	H11STM1499	CONDUIT	109.5	0.5937	0.0130
SRM491	H11STM1499	H11STM1500	CONDUIT	109.0	0.2193	0.0130
SRM491-S	H11STM1499	H11STM1500	CONDUIT	109.0	0.1376	0.0130
SRM492	H11STM1500	I11STM1501	CONDUIT	25.8	0.2209	0.0130
SRM492-S	H11STM1500	I11STM1501	CONDUIT	25.8	-0.6977	0.0130
SRM493	I11STM1501	I12STM1502	CONDUIT	52.4	0.2616	0.0130
SRM493-S	I11STM1501	I12STM1502	CONDUIT	52.4	0.4964	0.0130
SRM494	I12STM1502	I12STM1503	CONDUIT	31.4	0.3565	0.0130
SRM494-S	I12STM1502	I12STM1503	CONDUIT	31.4	-0.4456	0.0130
SRM495	I13STM1536	I13STM1475	CONDUIT	64.8	0.6963	0.0130
SRM495-S	I13STM1536	I13STM1475	CONDUIT	64.8	0.8646	0.0130
SRM496	H13STM1533	I13STM1534	CONDUIT	35.2	1.1264	0.0130
SRM496-S	H13STM1533	I13STM1534	CONDUIT	35.2	0.9363	0.0130
SRM497	I13STM1534	I13STM1536	CONDUIT	16.1	0.5332	0.0130
SRM497-S	I13STM1534	I13STM1536	CONDUIT	16.1	0.9921	0.0130
SRM498	H12STM1506	I12STM1504	CONDUIT	52.6	0.2432	0.0130
SRM498-S	H12STM1506	I12STM1504	CONDUIT	52.6	-0.4180	0.0130
SRM499	H12STM1505	H12STM1506	CONDUIT	42.5	0.4990	0.0130
SRM499-S	H12STM1505	H12STM1506	CONDUIT	42.5	0.9415	0.0130
SRM4-S	B15STM19	B15STM18	CONDUIT	33.6	2.1428	0.0130
SRM5	B15STM20	B15STM19	CONDUIT	49.9	0.2607	0.0130
SRM50	I8STM131	I8STM132	CONDUIT	65.4	0.4587	0.0130
SRM500	J391	H14STM1518	CONDUIT	91.7	1.8246	0.0130
SRM500-S	J391	H14STM1518	CONDUIT	91.7	1.7318	0.0130
SRM501	I14STM1517	H14STM1518	CONDUIT	115.1	0.2173	0.0130
SRM501-S	I14STM1517	H14STM1518	CONDUIT	115.1	0.1999	0.0130
SRM502	H14STM1518	I14STM1520	CONDUIT	81.6	2.0346	0.0130
SRM502-S	H14STM1518	I14STM1520	CONDUIT	81.6	2.8072	0.0130
SRM503	H13STM1519	I14STM1520	CONDUIT	128.2	0.4437	0.0130
SRM503-S	H13STM1519	I14STM1520	CONDUIT	128.2	0.7954	0.0130
SRM504	I14STM1520	I13STM1525	CONDUIT	94.8	2.3592	0.0130
SRM504-S	I14STM1520	I13STM1525	CONDUIT	94.8	2.3317	0.0130
SRM505	I14STM1521	I14STM1522	CONDUIT	99.9	-0.1001	0.0130
SRM505-S	I14STM1521	I14STM1522	CONDUIT	99.9	0.9314	0.0130
SRM506	I14STM1520	I14STM1521	CONDUIT	89.0	0.5585	0.0130
SRM506-S	I14STM1520	I14STM1521	CONDUIT	89.0	1.1913	0.0130
SRM507	I13STM1526	I13STM1527	CONDUIT	54.7	1.1418	0.0130
SRM507-S	I13STM1526	I13STM1527	CONDUIT	54.7	1.0851	0.0130
SRM509	J10STM1876	J10STM1873	CONDUIT	64.6	0.2784	0.0130
SRM509-S	J10STM1876	J10STM1873	CONDUIT	64.6	0.5399	0.0130
SRM51	J10STM1875	J10STM1874	CONDUIT	69.0	0.6784	0.0130
SRM510	A13STM2273	A13STM2274	CONDUIT	75.3	2.5365	0.0130
SRM510-S	A13STM2273	A13STM2274	CONDUIT	77.5	2.4035	0.0130
SRM511	A13STM2275	A13STM2272	CONDUIT	55.5	2.0378	0.0130
SRM511-S	A13STM2275	A13STM2272	CONDUIT	55.5	2.1658	0.0130
SRM512	A13STM2271	A13STM2272	CONDUIT	49.4	0.5449	0.0130
SRM512-S	A13STM2271	A13STM2272	CONDUIT	49.4	1.0068	0.0130
SRM513	A13STM2272	A13STM2273	CONDUIT	45.5	4.5272	0.0130
SRM513-S	A13STM2272	A13STM2273	CONDUIT	48.0	4.5561	0.0130
SRM514	A13STM2274	A13STM54	CONDUIT	55.1	1.0300	0.0130
SRM514-S	A13STM2274	A13STM54	CONDUIT	55.1	2.8881	0.0130

SRM515	I14STM1524	I14STM1522	CONDUIT	18.1	2.8190	0.0130
SRM515-S	I14STM1524	I14STM1522	CONDUIT	18.1	3.0620	0.0130
SRM516	I13STM1525	H13STM2276	CONDUIT	54.8	0.3087	0.0130
SRM516-S	I13STM1525	H13STM2276	CONDUIT	54.8	1.0229	0.0130
SRM517	GCMH1	GCMH32	CONDUIT	115.0	2.3862	0.0130
SRM517-S	GCMH1	GCMH32	CONDUIT	115.0	1.8057	0.0130
SRM518	GCMH58	GCMH32	CONDUIT	6.4	1.8960	0.0130
SRM518-S	GCMH58	GCMH32	CONDUIT	6.4	-0.9087	0.0130
SRM519	GCMH109	GCMH61	CONDUIT	51.2	0.5668	0.0130
SRM519-S	GCMH109	GCMH61	CONDUIT	51.2	0.1915	0.0130
SRM51-S	J10STM1875	J10STM1874	CONDUIT	69.0	0.7886	0.0130
SRM52	I8STM141	I8STM142	CONDUIT	53.4	0.3033	0.0130
SRM520	GCMH61	GCMH58	CONDUIT	40.6	0.2243	0.0130
SRM520-S	GCMH61	GCMH58	CONDUIT	40.6	0.4091	0.0130
SRM521	GCMH97	GCMH61	CONDUIT	36.6	2.8101	0.0130
SRM522	GCMH32	B7STM170	CONDUIT	69.5	1.6988	0.0130
SRM523	GCMH132	GCMH55	CONDUIT	120.0	3.0428	0.0130
SRM523-S	GCMH132	GCMH55	CONDUIT	120.0	2.7649	0.0130
SRM524	I12STM1485	J9	CONDUIT	25.8	0.3486	0.0130
SRM524-S	I12STM1485	J9	CONDUIT	25.8	1.5495	0.0130
SRM525_2	J69	J13	CONDUIT	41.3	0.1939	0.0130
SRM526	J13	J12	CONDUIT	145.2	0.0999	0.0130
SRM527	J12	J11	CONDUIT	125.0	0.1000	0.0130
SRM527-S	J12	J11	CONDUIT	125.0	0.2400	0.0130
SRM528	J11	J10	CONDUIT	136.6	0.1003	0.0130
SRM528-S	J11	J10	CONDUIT	136.6	-0.2929	0.0130
SRM529	J10	J11STM157	CONDUIT	30.8	0.1038	0.0130
SRM529-S	J10	J11STM157	CONDUIT	30.8	0.0010	0.0130
SRM53	I9STM148	I9STM150	CONDUIT	45.1	0.1553	0.0130
SRM530	J11STM157	J274	CONDUIT	11.5	0.3228	0.0130
SRM530-S	J11STM157	J274	CONDUIT	11.5	1.5006	0.0130
SRM532	A14STM34	A14STM33	CONDUIT	18.8	0.3458	0.0130
SRM533	A15STM5	A15STM6	CONDUIT	40.0	0.2500	0.0130
SRM535	GCMH6	B14STM35	CONDUIT	131.1	0.9399	0.0130
SRM535-S	GCMH6	B14STM35	CONDUIT	131.1	0.8392	0.0130
SRM536	B14STM40	B14STM39	CONDUIT	7.4	2.5789	0.0130
SRM537	B15STM11	B15STM10	CONDUIT	6.1	0.8173	0.0130
SRM538	C11STM257	C11STM237	CONDUIT	9.1	1.8603	0.0130
SRM54	I8STM151	I8STM152	CONDUIT	81.2	0.2462	0.0130
SRM540	HPMH7	J7STM123	CONDUIT	67.7	0.2497	0.0130
SRM541	HPMH8	J8STM121	CONDUIT	67.9	0.2503	0.0130
SRM542	HPMH9	J7STM124	CONDUIT	72.8	0.2006	0.0130
SRM542-S	HPMH9	J7STM124	CONDUIT	72.8	-0.0412	0.0130
SRM544	HPMH33	HPMH34	CONDUIT	16.0	0.4699	0.0130
SRM548	B15STM197	B15STM195	CONDUIT	96.7	0.4859	0.0130
SRM548-S	B15STM197	B15STM195	CONDUIT	96.7	0.0310	0.0130
SRM549	B15STM199	B15STM197	CONDUIT	63.2	0.4907	0.0130
SRM549-S	B15STM199	B15STM197	CONDUIT	63.2	0.3641	0.0130
SRM54-S	I8STM151	I8STM152	CONDUIT	81.2	-0.2745	0.0130
SRM55	I11STM153	I11STM154	CONDUIT	58.3	0.6347	0.0130
SRM550	GCMH34	GCMH39	CONDUIT	40.3	0.8439	0.0130
SRM551	GCMH39	GCMH44	CONDUIT	29.9	1.6709	0.0130
SRM552	GCMH44	GCMH96	CONDUIT	34.0	0.4412	0.0130
SRM553	GCMH96	B16STM671	CONDUIT	82.8	0.5073	0.0130
SRM555	J25	I13STM1496	CONDUIT	51.3	0.3939	0.0130
SRM556	I13STM1497	I13STM1482	CONDUIT	17.3	0.4973	0.0130
SRM556-S	I13STM1497	I13STM1482	CONDUIT	17.3	1.3301	0.0130
SRM557	I12STM1473	I12STM1471	CONDUIT	11.9	0.9809	0.0130
SRM557-S	I12STM1473	I12STM1471	CONDUIT	11.9	0.6707	0.0130
SRM55-S	I11STM153	I11STM154	CONDUIT	58.3	0.3070	0.0130
SRM561	I12STM1511	I12STM1514	CONDUIT	11.9	0.0026	0.0130
SRM562	I12STM1504	I12STM1503	CONDUIT	5.5	0.2379	0.0130
SRM562-S	I12STM1504	I12STM1503	CONDUIT	5.5	2.3794	0.0130
SRM563	J26	H12STM1498	CONDUIT	50.5	0.4967	0.0130
SRM563-S	J26	H12STM1498	CONDUIT	50.5	1.0489	0.0130
SRM565	GCMH55	GCMH109	CONDUIT	43.5	2.2029	0.0130
SRM565-S	GCMH55	GCMH109	CONDUIT	43.5	-0.2779	0.0130
SRM566	GCMH98	A6STM163	CONDUIT	6.7	1.7438	0.0130
SRM567	J29	J30	CONDUIT	67.0	0.2239	0.0130
SRM567-S	J29	J30	CONDUIT	67.0	0.0746	0.0130
SRM568	J30	J31	CONDUIT	33.3	0.1739	0.0130
SRM568-S	J30	J31	CONDUIT	33.3	-0.7527	0.0130
SRM569	J31	J32	CONDUIT	89.6	0.1473	0.0130
SRM569-S	J31	J32	CONDUIT	89.6	0.0167	0.0130
SRM57	A14STM32	A14STM31	CONDUIT	46.5	0.4001	0.0130

SRM573	J32	J33	CONDUIT	14.8	0.3380	0.0130
SRM573-S	J32	J33	CONDUIT	14.8	1.0615	0.0130
SRM574	J33	J34	CONDUIT	91.9	0.0947	0.0130
SRM574-S	J33	J34	CONDUIT	91.9	-0.0871	0.0130
SRM575	J34	J35	CONDUIT	108.1	0.0832	0.0130
SRM575-S	J34	J35	CONDUIT	108.1	-0.1322	0.0130
SRM578	J35	J36	CONDUIT	10.9	0.2102	0.0130
SRM578-S	J35	J36	CONDUIT	10.9	0.3381	0.0130
SRM579	J36	J37	CONDUIT	64.7	0.1516	0.0130
SRM579-S	J36	J37	CONDUIT	64.7	0.1376	0.0130
SRM57-S	A14STM32	A14STM31	CONDUIT	46.5	-0.9077	0.0130
SRM58	A14STM31	A14STM27	CONDUIT	56.3	0.7049	0.0130
SRM580	J37	J38	CONDUIT	99.0	0.1091	0.0130
SRM580-S	J37	J38	CONDUIT	99.0	-0.2890	0.0130
SRM581	J38	J39	CONDUIT	15.5	0.1870	0.0130
SRM581-S	J38	J39	CONDUIT	15.5	-0.2515	0.0130
SRM582	J39	J40	CONDUIT	51.0	0.1864	0.0130
SRM582-S	J39	J40	CONDUIT	51.0	-0.1785	0.0130
SRM584	J40	J41	CONDUIT	61.5	0.1139	0.0130
SRM584-S	J40	J41	CONDUIT	61.5	0.4002	0.0130
SRM585	J41	J42	CONDUIT	74.0	0.0527	0.0130
SRM585-S	J41	J42	CONDUIT	74.0	-0.1229	0.0130
SRM586	J42	J43	CONDUIT	41.2	0.2403	0.0130
SRM586-S	J42	J43	CONDUIT	41.2	-0.0898	0.0130
SRM587	J43	J44	CONDUIT	55.1	0.1741	0.0130
SRM587-S	J43	J44	CONDUIT	55.1	0.0326	0.0130
SRM588	F8STM266	J44	CONDUIT	2.6	59.1991	0.0130
SRM589	J44	J45	CONDUIT	32.7	0.0306	0.0130
SRM589-S	J44	J45	CONDUIT	32.7	0.0917	0.0130
SRM58-S	A14STM31	A14STM27	CONDUIT	56.3	0.8593	0.0130
SRM59	B14STM35	A14STM33	CONDUIT	56.0	0.9005	0.0130
SRM590	J45	J46	CONDUIT	36.1	0.1771	0.0130
SRM590-S	J45	J46	CONDUIT	36.1	-0.0720	0.0130
SRM591	J46	J47	CONDUIT	50.9	0.0845	0.0130
SRM591-S	J46	J47	CONDUIT	50.9	0.0373	0.0130
SRM592	J47	J48	CONDUIT	52.8	0.1193	0.0130
SRM592-S	J47	J48	CONDUIT	52.8	-0.1762	0.0130
SRM593	J51	J48	CONDUIT	1.4	71.2560	0.0130
SRM593-S	J51	J48	CONDUIT	1.4	2.1653	0.0130
SRM594	J49	J50	CONDUIT	33.5	0.4891	0.0250
SRM595	J51	F8STM270	CONDUIT	31.0	0.2486	0.0130
SRM596	J356	J51	CONDUIT	51.4	4.2359	0.0250
SRM596-S	J356	J51	CONDUIT	51.4	0.0156	0.0130
SRM597	J48	J52	CONDUIT	52.6	0.0836	0.0130
SRM597-S	J48	J52	CONDUIT	52.6	0.3687	0.0130
SRM598	J52	J53	CONDUIT	49.0	0.1020	0.0130
SRM598-S	J52	J53	CONDUIT	49.0	0.4201	0.0130
SRM599	J53	J54	CONDUIT	18.6	0.1075	0.0130
SRM599-S	J53	J54	CONDUIT	18.6	0.0016	0.0130
SRM59-S	B14STM35	A14STM33	CONDUIT	56.0	1.2632	0.0130
SRM5-S	B15STM20	B15STM19	CONDUIT	49.9	-1.0629	0.0130
SRM6	B15STM22	B15STM21	CONDUIT	49.1	0.2036	0.0130
SRM60	A14STM33	A14STM31	CONDUIT	51.0	1.0104	0.0130
SRM600	F8STM270	J55	CONDUIT	83.6	0.2500	0.0250
SRM602	J54	J56	CONDUIT	18.6	0.1612	0.0130
SRM602-S	J54	J56	CONDUIT	18.6	0.4298	0.0130
SRM603	J56	J57	CONDUIT	64.7	0.0927	0.0130
SRM603-S	J56	J57	CONDUIT	64.7	-0.2009	0.0130
SRM604	J57	J58	CONDUIT	13.3	0.2635	0.0130
SRM604-S	J57	J58	CONDUIT	13.3	1.6717	0.0130
SRM605	J58	J59	CONDUIT	47.7	0.2725	0.0130
SRM605-S	J58	J59	CONDUIT	47.7	1.1069	0.0130
SRM606	J59	J60	CONDUIT	60.7	0.2965	0.0130
SRM606-S	J59	J60	CONDUIT	60.7	0.3294	0.0130
SRM607	J8STM113	HPMH48	CONDUIT	44.4	0.1216	0.0130
SRM60-S	A14STM33	A14STM31	CONDUIT	51.0	0.6082	0.0130
SRM61	B14STM37	B14STM36	CONDUIT	44.3	2.4595	0.0130
SRM610	GCMH149	GCMH155	CONDUIT	95.2	0.7840	0.0130
SRM610-S	GCMH149	GCMH155	CONDUIT	95.2	0.7147	0.0130
SRM612	GCMH150	GCMH149	CONDUIT	14.0	1.5004	0.0130
SRM612-S	GCMH150	GCMH149	CONDUIT	14.0	2.2866	0.0130
SRM613	GCMH156	GCMH150	CONDUIT	109.0	1.7115	0.0130
SRM613-S	GCMH156	GCMH150	CONDUIT	109.0	3.4227	0.0130
SRM614	GCMH151	GCMH156	CONDUIT	109.4	1.6036	0.0130
SRM614-S	GCMH151	GCMH156	CONDUIT	109.4	2.3500	0.0130

SRM615	GCMH51	GCMH151	CONDUIT	45.1	1.2996	0.0130
SRM615-S	GCMH51	GCMH151	CONDUIT	45.1	-0.3326	0.0130
SRM616	GCMH152	GCMH151	CONDUIT	40.9	1.6795	0.0130
SRM616-S	GCMH152	GCMH151	CONDUIT	40.9	1.8580	0.0130
SRM617	GCMH154	GCMH152	CONDUIT	14.6	0.3156	0.0130
SRM617-S	GCMH154	GCMH152	CONDUIT	14.6	3.2951	0.0130
SRM618	GCMH141	GCMH154	CONDUIT	49.8	1.0989	0.0130
SRM618-S	GCMH141	GCMH154	CONDUIT	49.8	-1.2656	0.0130
SRM619	GCMH139	GCMH141	CONDUIT	45.2	0.4134	0.0130
SRM61-S	B14STM37	B14STM36	CONDUIT	57.8	1.7836	0.0130
SRM620	GCMH141	GCMH138	CONDUIT	52.9	1.0156	0.0130
SRM620-S	GCMH138	GCMH141	CONDUIT	52.9	-1.1726	0.0130
SRM621	GCMH138	GCMH52	CONDUIT	12.1	1.6493	0.0130
SRM621-S	GCMH138	GCMH52	CONDUIT	12.1	1.0720	0.0130
SRM622	GCMH52	GCMH160	CONDUIT	83.9	0.4730	0.0130
SRM622-S	GCMH52	GCMH160	CONDUIT	83.9	0.6433	0.0130
SRM623	GCMH160	GCMH159	CONDUIT	16.6	0.8459	0.0130
SRM623-S	GCMH160	GCMH159	CONDUIT	16.6	-1.0876	0.0130
SRM624	GCMH159	GCMH137	CONDUIT	44.7	1.1350	0.0130
SRM624-S	GCMH159	GCMH137	CONDUIT	44.7	0.5372	0.0130
SRM625	GCMH133	GCMH159	CONDUIT	58.2	0.7201	0.0130
SRM626	GCMH137	GCMH136	CONDUIT	79.7	2.6223	0.0130
SRM626-S	GCMH137	GCMH136	CONDUIT	79.7	3.0619	0.0130
SRM627	GCMH136	GCMH155	CONDUIT	80.0	2.6623	0.0130
SRM627-S	GCMH136	GCMH155	CONDUIT	80.0	5.1571	0.0130
SRM628	GCMH155	GCMH158	CONDUIT	61.0	0.9994	0.0130
SRM628-S	GCMH155	GCMH158	CONDUIT	61.0	1.0158	0.0130
SRM629	GCMH158	GCMH157	CONDUIT	40.4	0.9015	0.0130
SRM629-S	GCMH158	GCMH157	CONDUIT	40.4	1.0155	0.0130
SRM63	B14STM38	B14STM37	CONDUIT	36.1	1.4417	0.0130
SRM630	GCMH157	GCMH50	CONDUIT	40.5	1.6760	0.0130
SRM630-S	GCMH157	GCMH50	CONDUIT	40.5	1.8787	0.0130
SRM631	GCMH38	GCMH157	CONDUIT	49.6	1.9575	0.0130
SRM631-S	GCMH38	GCMH157	CONDUIT	57.7	4.5474	0.0130
SRM632	GCMH50	D14STM246	CONDUIT	124.4	1.1957	0.0130
SRM632-S	GCMH50	Beacon_Hill	CONDUIT	135.6	3.2662	0.0130
SRM633	GCMH157	GCMH99	CONDUIT	13.2	1.3964	0.0130
SRM633-S	GCMH157	GCMH99	CONDUIT	13.2	-12.6357	0.0130
SRM634	GCMH50	GCMH87	CONDUIT	49.5	3.6844	0.0130
SRM635	GCMH42	GCMH86	CONDUIT	17.6	0.4366	0.0130
SRM63-S	B14STM38	B14STM37	CONDUIT	36.1	1.0230	0.0130
SRM64	A6STM159	GCMH77	CONDUIT	45.2	0.5746	0.0130
SRM640	GCMH46	D14STM246	CONDUIT	12.6	0.8870	0.0130
SRM641	I8STM106	HPMH37	CONDUIT	9.0	0.8585	0.0130
SRM641-S	I8STM106	HPMH37	CONDUIT	9.0	3.9053	0.0130
SRM642	GCMH100	GCMH134	CONDUIT	19.7	0.5725	0.0130
SRM643	GCMH134	GCMH135	CONDUIT	98.9	1.3216	0.0130
SRM643-S	GCMH134	GCMH135	CONDUIT	98.9	1.0718	0.0130
SRM646	GCMH135	GCMH101	CONDUIT	45.0	1.6813	0.0130
SRM646-S	GCMH135	GCMH101	CONDUIT	45.0	2.6613	0.0130
SRM64-S	A6STM159	GCMH77	CONDUIT	45.2	4.4911	0.0100
SRM65	A5STM1	A6STM159	CONDUIT	11.6	0.9520	0.0130
SRM650	GCMH102	GCMH139	CONDUIT	9.0	0.2887	0.0130
SRM655	GCMH143	GCMH142	CONDUIT	98.3	0.5156	0.0130
SRM655-S	GCMH143	GCMH142	CONDUIT	98.3	-0.6366	0.0130
SRM656	GCMH144	GCMH143	CONDUIT	112.8	0.5667	0.0130
SRM656-S	GCMH144	GCMH143	CONDUIT	112.8	1.2523	0.0130
SRM658	GCMH142	GCMH135	CONDUIT	113.6	0.3602	0.0130
SRM658-S	GCMH142	GCMH135	CONDUIT	113.6	1.0427	0.0130
SRM65-S	A5STM1	A6STM159	CONDUIT	11.6	2.2507	0.0130
SRM66	A6STM162	B6STM164	CONDUIT	98.7	1.5458	0.0130
SRM661	B11STM231	GCMH146	CONDUIT	67.2	0.2084	0.0130
SRM661-S	B11STM231	GCMH146	CONDUIT	67.2	1.1164	0.0130
SRM662	GCMH146	GCMH145	CONDUIT	132.5	0.4000	0.0130
SRM662-S	GCMH146	GCMH145	CONDUIT	132.5	0.5660	0.0130
SRM666	GCMH145	GCMH107	CONDUIT	9.0	1.3333	0.0130
SRM666-S	GCMH145	GCMH107	CONDUIT	9.0	19.5030	0.0130
SRM668	GCMH147	GCMH146	CONDUIT	40.7	0.4911	0.0130
SRM668-S	GCMH147	GCMH146	CONDUIT	40.7	-0.3929	0.0130
SRM67	B6STM164	GCMH91	CONDUIT	47.2	1.3870	0.0130
SRM68	B6STM174	GCMH63	CONDUIT	31.8	0.0723	0.0130
SRM680	J101	J103	CONDUIT	168.1	1.0412	0.0130
SRM680-S	J101	J103	CONDUIT	168.1	0.0839	0.0130
SRM681	J102	J101	CONDUIT	38.8	1.0303	0.0130
SRM681-S	J102	J101	CONDUIT	38.8	0.5177	0.0130

SRM682	J97	J102	CONDUIT	118.4	1.0475	0.0130
SRM682-S	J97	J102	CONDUIT	118.4	1.1303	0.0130
SRM683	J98	J97	CONDUIT	42.5	1.0354	0.0130
SRM683-S	J98	J97	CONDUIT	42.5	0.8542	0.0130
SRM684	J100	J98	CONDUIT	61.5	1.0401	0.0130
SRM684-S	J100	J98	CONDUIT	61.5	0.7882	0.0130
SRM685	J104	J99	CONDUIT	145.6	1.0441	0.0130
SRM687	J99	J100	CONDUIT	102.7	1.0415	0.0130
SRM688	J105	J104	CONDUIT	31.6	1.0459	0.0130
SRM689	J103	J106	CONDUIT	25.6	0.7819	0.0130
SRM689-S	J103	J106	CONDUIT	25.6	2.2642	0.0130
SRM69	GCMH63	GCMH92	CONDUIT	36.2	0.2401	0.0130
SRM691	J109	J110	CONDUIT	166.1	5.4533	0.0130
SRM691-S	J109	J110	CONDUIT	166.1	3.9395	0.0130
SRM693	J422	J107	CONDUIT	32.3	3.8436	0.0130
SRM694	J107	J109	CONDUIT	23.8	7.0414	0.0130
SRM696	B8STM191	GCMH3	CONDUIT	95.2	0.3834	0.0130
SRM696-S	B8STM191	GCMH3	CONDUIT	95.2	0.3257	0.0130
SRM698	J111	J112	CONDUIT	49.2	7.6175	0.0130
SRM699	J112	J113	CONDUIT	140.7	3.6342	0.0130
SRM7	B15STM21	B15STM19	CONDUIT	46.2	0.1949	0.0130
SRM70	B7STM172	B6STM173	CONDUIT	118.5	0.7521	0.0130
SRM700	J110	J114	CONDUIT	81.8	5.3884	0.0130
SRM700-S	J110	J114	CONDUIT	81.8	5.4376	0.0130
SRM701	J114	J115	CONDUIT	106.3	5.3898	0.0130
SRM701-S	J114	J115	CONDUIT	106.3	3.9123	0.0130
SRM702	J113	J114	CONDUIT	47.5	11.0749	0.0130
SRM703	J115	J438	CONDUIT	148.9	2.4652	0.0130
SRM703-S	J115	J438	CONDUIT	148.9	4.3832	0.0130
SRM71	C6STM181	C6STM180	CONDUIT	21.2	0.4439	0.0130
SRM71-S	C6STM181	C6STM180	CONDUIT	32.9	-0.3225	0.0130
SRM723	J122	J123	CONDUIT	135.2	0.5695	0.0250
SRM723-S	J122	J123	CONDUIT	135.2	0.8514	0.0130
SRM724	J121	J103	CONDUIT	113.0	0.7522	0.0130
SRM724-S	J121	J103	CONDUIT	113.0	0.5823	0.0130
SRM725_ADD	J426_ADD	J427_ADD	CONDUIT	11.0	0.7973	0.0250
SRM725-S_ADD	J426_ADD	J427_ADD	CONDUIT	14.8	8.7335	0.0130
SRM726	J428	J426	CONDUIT	83.6	0.7272	0.0250
SRM726_ADD	J428_ADD	J426_ADD	CONDUIT	83.6	0.7272	0.0250
SRM726-S	J428	J426	CONDUIT	83.6	0.7272	0.0130
SRM726-S_ADD	J428_ADD	J426_ADD	CONDUIT	83.6	0.7272	0.0130
SRM727	J429	J428	CONDUIT	20.1	2.4450	0.0250
SRM727_ADD	J429_ADD	J428_ADD	CONDUIT	20.1	2.4450	0.0250
SRM728	J430	J428	CONDUIT	15.2	0.0020	0.0250
SRM728_ADD	J430_ADD	J428_ADD	CONDUIT	15.2	0.0020	0.0250
SRM728-S	J430	J428	CONDUIT	15.2	-0.2833	0.0130
SRM728-S_ADD	J430_ADD	J428_ADD	CONDUIT	15.2	-0.2833	0.0130
SRM73	C7STM183	GCMH93	CONDUIT	38.8	0.1134	0.0130
SRM730	J431	J430	CONDUIT	52.3	3.0042	0.0250
SRM730_ADD	J431_ADD	J430_ADD	CONDUIT	52.3	3.0042	0.0250
SRM730-S	J431	J430	CONDUIT	52.3	3.0865	0.0130
SRM730-S_ADD	J431_ADD	J430_ADD	CONDUIT	52.3	3.0865	0.0130
SRM731	J141	J142	CONDUIT	65.6	0.3139	0.0130
SRM733	J140	J141	CONDUIT	14.9	0.3433	0.0130
SRM733-S	J140	J141	CONDUIT	14.9	-2.6933	0.0130
SRM735	J151	J152	CONDUIT	87.6	2.3165	0.0130
SRM735-S	J151	J152	CONDUIT	87.6	2.8660	0.0130
SRM736	J152	J141	CONDUIT	98.9	1.8066	0.0130
SRM736-S	J152	J141	CONDUIT	98.9	2.7707	0.0130
SRM738	J147	J146	CONDUIT	66.1	4.8956	0.0130
SRM739	J146	J145	CONDUIT	78.7	3.7134	0.0130
SRM739-S	J146	J145	CONDUIT	78.7	5.0262	0.0130
SRM740	J145	J144	CONDUIT	77.4	5.2425	0.0130
SRM740-S	J145	J144	CONDUIT	77.4	4.8108	0.0130
SRM741	J144	J143	CONDUIT	120.7	2.1763	0.0130
SRM742	J143	J141	CONDUIT	45.1	1.2499	0.0130
SRM743	J433	J148	CONDUIT	19.9	5.0787	0.0130
SRM743-S	J433	J148	CONDUIT	19.9	2.8308	0.0130
SRM744	J148	J149	CONDUIT	100.6	5.2446	0.0130
SRM744-S	J148	J149	CONDUIT	100.6	5.9546	0.0130
SRM745	J149	J151	CONDUIT	51.4	2.8556	0.0130
SRM745-S	J149	J151	CONDUIT	51.4	3.4826	0.0130
SRM746	J150	J149	CONDUIT	45.7	0.4008	0.0130
SRM747	J139	J125	CONDUIT	140.7	0.9398	0.0130
SRM747-S	J139	J125	CONDUIT	140.7	1.5286	0.0130

SRM748	J138	J128	CONDUIT	62.5	0.3534	0.0130
SRM748-S	J138	J128	CONDUIT	62.5	1.1514	0.0130
SRM749	J130	J129	CONDUIT	118.9	-0.5305	0.0130
SRM749-S	J130	J129	CONDUIT	118.9	1.7826	0.0130
SRM75	C8STM188	Willow_Springs	CONDUIT	52.1	-0.0019	0.0130
SRM750	J129	J127	CONDUIT	23.9	1.2361	0.0130
SRM750-S	J129	J127	CONDUIT	23.9	0.4190	0.0130
SRM751	J127	J472	CONDUIT	39.9	1.4523	0.0130
SRM751-S	J127	J472	CONDUIT	39.9	-0.6059	0.0130
SRM752	J125	J126	CONDUIT	35.3	0.3000	0.0130
SRM752-S	J125	J126	CONDUIT	35.3	0.3962	0.0130
SRM753	J128	J127	CONDUIT	44.8	0.3995	0.0130
SRM753-S	J128	J127	CONDUIT	44.8	0.5134	0.0130
SRM754	J126	J127	CONDUIT	67.2	0.2008	0.0130
SRM754-S	J126	J127	CONDUIT	67.2	0.2380	0.0130
SRM755	J435	J125	CONDUIT	21.9	0.5012	0.0130
SRM756	J131	J132	CONDUIT	36.0	3.0004	0.0130
SRM756-S	J131	J132	CONDUIT	36.0	0.8609	0.0130
SRM757	J132	J133	CONDUIT	41.1	2.7940	0.0130
SRM757-S	J132	J133	CONDUIT	41.1	2.5088	0.0130
SRM758	J133	J134	CONDUIT	19.2	2.4451	0.0130
SRM758-S	J133	J134	CONDUIT	19.2	2.7574	0.0130
SRM759	J134	J137	CONDUIT	42.4	0.1887	0.0130
SRM76	B16STM193	GCMH85	CONDUIT	27.4	6.9024	0.0130
SRM760	J135	J136	CONDUIT	46.3	3.0008	0.0130
SRM760-S	J135	J136	CONDUIT	46.3	3.3490	0.0130
SRM761	J136	J138	CONDUIT	42.0	3.1007	0.0130
SRM761-S	J136	J138	CONDUIT	42.0	2.9983	0.0130
SRM762	J137	J136	CONDUIT	44.5	0.5995	0.0130
SRM763	J262	G14STM76	CONDUIT	45.3	0.6492	0.0130
SRM763-S	J262	G14STM76	CONDUIT	45.3	2.0517	0.0130
SRM764	J264	J263	CONDUIT	37.9	0.5827	0.0130
SRM764-S	J264	J263	CONDUIT	37.9	-0.1582	0.0130
SRM765	J260	J261	CONDUIT	133.2	4.5081	0.0130
SRM765-S	J260	J261	CONDUIT	133.2	4.5194	0.0130
SRM769	J438	J116	CONDUIT	17.5	1.7724	0.0130
SRM769-S	J438	J116	CONDUIT	17.5	4.9624	0.0130
SRM77	C14STM210	C14STM213	CONDUIT	65.6	2.6269	0.0130
SRM770	J440	J441	CONDUIT	98.0	1.4495	0.0130
SRM770-S	J440	J441	CONDUIT	98.0	2.7425	0.0130
SRM772	J442	J444	CONDUIT	12.4	1.6068	0.0130
SRM772-S	J442	J444	CONDUIT	12.4	4.2693	0.0130
SRM773	C13STM218	C13STM217	CONDUIT	16.9	0.4261	0.0130
SRM774	C14STM205	C14STM207	CONDUIT	10.9	4.8695	0.0130
SRM774-S	C14STM205	C14STM207	CONDUIT	10.9	-1.6459	0.0130
SRM775	C14STM209	C14STM210	CONDUIT	6.6	2.4179	0.0130
SRM775-S	C14STM209	C14STM210	CONDUIT	6.6	-0.7601	0.0130
SRM776	B13STM41	B13STM42	CONDUIT	11.6	1.0371	0.0130
SRM78	C14STM211	C14STM212	CONDUIT	49.2	0.9200	0.0130
SRM79	C14STM213	B14STM214	CONDUIT	55.4	0.6229	0.0130
SRM798	J279	J280	CONDUIT	51.5	0.2079	0.0250
SRM798-S	J279	J280	CONDUIT	51.5	-0.1166	0.0130
SRM7-S	B15STM21	B15STM19	CONDUIT	46.2	2.3393	0.0130
SRM8	B15STM24	B16STM23	CONDUIT	53.1	0.1885	0.0130
SRM80	B12STM220	GCMH67	CONDUIT	51.0	0.6673	0.0130
SRM800	J278	J279	CONDUIT	88.6	0.4188	0.0250
SRM800-S	J278	J279	CONDUIT	88.6	0.1693	0.0130
SRM801	J276	J282	CONDUIT	79.9	0.3430	0.0250
SRM801-S	J276	J282	CONDUIT	79.9	0.0376	0.0130
SRM802	J275	J276	CONDUIT	93.1	0.5359	0.0250
SRM802-S	J275	J276	CONDUIT	93.1	1.0955	0.0130
SRM803	J288	I12STM1481	CONDUIT	42.7	0.5949	0.0130
SRM803-S	J288	I12STM1481	CONDUIT	42.7	-0.7307	0.0130
SRM804	J280	J281	CONDUIT	65.7	0.2559	0.0250
SRM804-S	J280	J281	CONDUIT	65.7	0.0005	0.0130
SRM805	J283	J282	CONDUIT	49.6	0.4960	0.0250
SRM806	J282	J281	CONDUIT	52.3	0.3957	0.0250
SRM806-S	J282	J281	CONDUIT	52.3	0.1721	0.0130
SRM807	J277	J278	CONDUIT	36.0	0.3475	0.0250
SRM807-S	J277	J278	CONDUIT	36.0	0.6394	0.0130
SRM808	J281	J285	CONDUIT	43.8	0.9705	0.0250
SRM808-S	J281	J285	CONDUIT	43.8	-0.2968	0.0130
SRM809	J287	J288	CONDUIT	59.4	0.6146	0.0250
SRM809-S	J287	J288	CONDUIT	59.4	0.4917	0.0130
SRM81	GCMH68	B12STM227	CONDUIT	55.3	0.8458	0.0130

SRM810	J286	I12STM1484	CONDUIT	141.4	0.1351	0.0130
SRM814	J453	J454	CONDUIT	177.0	0.2248	0.0130
SRM815	J454	J455	CONDUIT	191.6	0.2244	0.0130
SRM816	J455	F8STM265	CONDUIT	94.6	0.2252	0.0130
SRM82	C11STM234	B11STM233	CONDUIT	57.1	1.7685	0.0130
SRM826	B7STM169	B7STM171	CONDUIT	26.4	0.2081	0.0130
SRM826-S	B7STM169	B7STM171	CONDUIT	26.4	1.5290	0.0130
SRM83	B11STM233	B11STM232	CONDUIT	51.8	1.5338	0.0130
SRM830	GCMH47	D14STM246	CONDUIT	17.8	1.6819	0.0130
SRM831	GCMH49	GCMH47	CONDUIT	35.6	1.9692	0.0130
SRM832	GCMH48	GCMH49	CONDUIT	75.9	1.9839	0.0130
SRM833	GCMH73	GCMH72	CONDUIT	100.1	0.7124	0.0130
SRM834	GCMH71	GCMH72	CONDUIT	54.7	0.0006	0.0130
SRM836	J444	J440	CONDUIT	81.4	1.6577	0.0130
SRM836-S	J444	J440	CONDUIT	81.4	4.9158	0.0130
SRM838	HPMH38	J7STM109	CONDUIT	49.3	0.0974	0.0130
SRM839	J469	J344	CONDUIT	53.4	0.7120	0.0130
SRM84	C11STM235	C11STM234	CONDUIT	53.0	1.6234	0.0130
SRM840	I9STM150	J469	CONDUIT	67.5	0.2370	0.0130
SRM844	J291	I12STM1485	CONDUIT	138.7	0.1976	0.0130
SRM844-S	J291	I12STM1485	CONDUIT	138.7	-0.9447	0.0130
SRM845	J290	J291	CONDUIT	53.1	0.1620	0.0130
SRM845-S	J290	J291	CONDUIT	53.1	-0.3390	0.0130
SRM846	J285	J286	CONDUIT	73.5	0.3931	0.0130
SRM847	J292	J471	CONDUIT	56.7	0.1200	0.0130
SRM847-S	J292	J471	CONDUIT	56.7	-1.6414	0.0130
SRM848	J293	J471	CONDUIT	59.9	0.2002	0.0130
SRM848-S	J293	J471	CONDUIT	59.9	-0.7341	0.0130
SRM849	J471	J285	CONDUIT	44.1	0.1202	0.0130
SRM849-S	J471	J285	CONDUIT	44.1	-1.7244	0.0130
SRM85	C11STM236	C11STM235	CONDUIT	44.6	1.8180	0.0130
SRM850	J284	J281	CONDUIT	42.7	0.4307	0.0130
SRM850-S	J284	J281	CONDUIT	42.7	-0.1404	0.0130
SRM851	J289	J275	CONDUIT	67.8	0.2095	0.0250
SRM851-S	J289	J275	CONDUIT	70.9	1.4969	0.0130
SRM852	J472	J289	CONDUIT	41.7	1.4252	0.0250
SRM852-S	J472	J289	CONDUIT	41.7	0.8181	0.0130
SRM853	J258	J259	CONDUIT	36.2	2.9621	0.0130
SRM853-S	J258	J259	CONDUIT	36.2	3.0588	0.0130
SRM854	J259	J260	CONDUIT	32.4	4.5991	0.0130
SRM854-S	J259	J260	CONDUIT	32.4	4.9394	0.0130
SRM855	J261	J262	CONDUIT	104.6	2.8092	0.0130
SRM855-S	J261	J262	CONDUIT	104.6	2.8331	0.0130
SRM856	J263	J262	CONDUIT	26.5	0.5660	0.0130
SRM856-S	J263	J262	CONDUIT	26.5	0.0415	0.0130
SRM857	J265	J264	CONDUIT	115.0	0.6130	0.0130
SRM857-S	J265	J264	CONDUIT	115.0	0.6652	0.0130
SRM858	J277	J276	CONDUIT	57.2	0.4422	0.0250
SRM858-S	J277	J276	CONDUIT	57.2	0.3496	0.0130
SRM859	J116	J440	CONDUIT	114.4	1.0052	0.0130
SRM859-S	J116	J440	CONDUIT	114.4	0.4440	0.0130
SRM86	C11STM237	C11STM236	CONDUIT	103.4	1.8188	0.0130
SRM863	J185	J183	CONDUIT	56.3	0.0835	0.0130
SRM863-S	J185	J183	CONDUIT	56.3	-0.0817	0.0130
SRM864	J207	J208	CONDUIT	39.3	0.1500	0.0130
SRM864-S	J207	J208	CONDUIT	39.3	-0.4270	0.0130
SRM865	J210	J211	CONDUIT	59.8	0.1705	0.0130
SRM865-S	J210	J211	CONDUIT	59.8	0.6303	0.0130
SRM866	J211	J212	CONDUIT	50.7	0.1203	0.0130
SRM866-S	J211	J212	CONDUIT	50.7	-1.2132	0.0130
SRM867	J212	J213	CONDUIT	50.8	0.1201	0.0130
SRM867-S	J212	J213	CONDUIT	50.8	0.6420	0.0130
SRM869	J213	J214	CONDUIT	59.8	0.1003	0.0130
SRM869-S	J213	J214	CONDUIT	59.8	0.1488	0.0130
SRM870	J214	J215	CONDUIT	61.5	0.2211	0.0130
SRM870-S	J214	J215	CONDUIT	61.5	0.4991	0.0130
SRM871	J215	J190	CONDUIT	51.3	0.0819	0.0130
SRM871-S	J215	J190	CONDUIT	51.3	-0.0975	0.0130
SRM872	J190	J189	CONDUIT	30.5	0.0655	0.0130
SRM872-S	J190	J189	CONDUIT	30.5	0.1375	0.0130
SRM873	J208	J209	CONDUIT	25.4	0.3459	0.0130
SRM873-S	J208	J209	CONDUIT	25.4	-1.9895	0.0130
SRM876	J477	J210	CONDUIT	66.6	0.1997	0.0130
SRM876-S	J477	J210	CONDUIT	71.8	-1.3229	0.0130
SRM88	D14STM243	D14STM244	CONDUIT	74.5	0.4025	0.0130

SRM880	J478	J183	CONDUIT	19.7	4.0867	0.0130
SRM880-S	J478	J183	CONDUIT	19.7	0.2330	0.0130
SRM881	J189	J188	CONDUIT	29.9	0.0602	0.0130
SRM881-S	J189	J188	CONDUIT	29.9	-0.2675	0.0130
SRM882	J479	J184	CONDUIT	65.2	0.4004	0.0130
SRM882-S	J479	J184	CONDUIT	65.2	1.0109	0.0130
SRM883	J184	J186	CONDUIT	27.9	0.5200	0.0130
SRM883-S	J184	J186	CONDUIT	27.9	-1.2051	0.0130
SRM884	J480	J185	CONDUIT	21.0	5.4164	0.0130
SRM884-S	J480	J185	CONDUIT	25.1	-0.5540	0.0130
SRM885	J188	J185	CONDUIT	50.5	0.1385	0.0130
SRM885-S	J188	J185	CONDUIT	50.5	0.3701	0.0130
SRM886	J481	J190	CONDUIT	80.0	0.5738	0.0130
SRM886-S	J481	J190	CONDUIT	84.3	-0.5576	0.0130
SRM887	J482	J188	CONDUIT	61.0	0.3277	0.0130
SRM887-S	J482	J188	CONDUIT	66.2	-0.4170	0.0130
SRM888	J209	J210	CONDUIT	61.9	0.1502	0.0130
SRM888-S	J209	J210	CONDUIT	61.9	-0.7655	0.0130
SRM889	J206	J207	CONDUIT	16.5	0.1396	0.0130
SRM889-S	J206	J207	CONDUIT	16.5	0.4614	0.0130
SRM89	J351	J157	CONDUIT	63.6	0.2689	0.0130
SRM890	J483	J206	CONDUIT	44.1	0.1993	0.0130
SRM890-S	J483	J206	CONDUIT	47.6	-0.2923	0.0130
SRM891	J484	J206	CONDUIT	37.3	0.2011	0.0130
SRM891-S	J484	J206	CONDUIT	37.3	-0.3084	0.0130
SRM892	J186	J485	CONDUIT	67.6	0.1479	0.0130
SRM892-S	J186	J485	CONDUIT	67.6	-0.5489	0.0130
SRM893	J183	J186	CONDUIT	11.0	0.8088	0.0130
SRM893-S	J183	J186	CONDUIT	11.0	-0.3362	0.0130
SRM89-S	J351	J157	CONDUIT	63.6	1.3510	0.0130
SRM9	GCMH37	GCMH38	CONDUIT	106.2	1.4600	0.0130
SRM90	J352	J351	CONDUIT	55.8	2.5532	0.0130
SRM905	J120	J499	CONDUIT	29.4	0.6459	0.0130
SRM905-S	J120	J499	CONDUIT	29.4	0.0010	0.0130
SRM906-20171208	J153	J154	CONDUIT	95.8	0.8736	0.0250
SRM906-20171208-S	J153	J154	CONDUIT	95.8	0.2150	0.0130
SRM90-S	J352	J351	CONDUIT	55.8	2.9123	0.0130
SRM915	J499	J510	CONDUIT	88.2	0.6346	0.0130
SRM915-S	J499	J510	CONDUIT	88.2	1.0880	0.0130
SRM92	F9STM259	J354	CONDUIT	64.3	1.2362	0.0250
SRM926	J384	J38	CONDUIT	13.1	1.5257	0.0130
SRM926-S	J38	J384	CONDUIT	13.1	-0.2746	0.0130
SRM927	J234	J238	CONDUIT	81.3	1.3723	0.0130
SRM927-S	J234	J238	CONDUIT	81.3	3.6654	0.0130
SRM928	J266	J229	CONDUIT	53.5	1.8323	0.0130
SRM929	J516	J269	CONDUIT	24.2	0.9079	0.0130
SRM929-S	J516	J269	CONDUIT	24.2	-1.0029	0.0130
SRM92-S	F9STM259	J354	CONDUIT	64.3	1.2362	0.0130
SRM93	J355	J356	CONDUIT	27.3	0.0843	0.0250
SRM931	J237	J236	CONDUIT	12.9	0.5968	0.0130
SRM931-S	J237	J236	CONDUIT	12.9	-0.2868	0.0130
SRM932	J234	J235	CONDUIT	74.7	1.0397	0.0130
SRM932-S	J234	J235	CONDUIT	74.7	0.6463	0.0130
SRM933	J228	J234	CONDUIT	20.7	1.2781	0.0130
SRM933-S	J228	J234	CONDUIT	20.7	0.8956	0.0130
SRM934	J229	J228	CONDUIT	52.3	1.0066	0.0130
SRM934-S	J229	J228	CONDUIT	52.3	0.3062	0.0130
SRM936	J230	J229	CONDUIT	26.3	0.8693	0.0130
SRM936-S	J230	J229	CONDUIT	26.3	0.4897	0.0130
SRM938	J233	J232	CONDUIT	29.1	6.8361	0.0130
SRM938-S	J233	J232	CONDUIT	29.1	5.2859	0.0130
SRM939	J519	J268	CONDUIT	15.4	2.3853	0.0130
SRM93-S	J355	J356	CONDUIT	27.3	-0.6485	0.0130
SRM941	J267	J147	CONDUIT	87.5	1.7968	0.0130
SRM942_2	J21	J267	CONDUIT	223.8	0.9729	0.0130
SRM943	J235	J236	CONDUIT	79.9	2.9697	0.0130
SRM943-S	J235	J236	CONDUIT	79.9	3.8531	0.0130
SRM944	J521	J235	CONDUIT	17.4	0.9680	0.0130
SRM945	J239	Crestview	CONDUIT	28.9	0.2489	0.0130
SRM946	J236	J239	CONDUIT	88.4	0.3361	0.0130
SRM947	J238	J237	CONDUIT	50.3	0.5742	0.0130
SRM947-S	J238	J237	CONDUIT	50.3	1.2299	0.0130
SRM950	J269	J225	CONDUIT	139.3	1.0255	0.0130
SRM950-S	J269	J225	CONDUIT	139.3	1.5456	0.0130
SRM951	J225	J226	CONDUIT	46.0	2.5338	0.0130

SRM951-S	J225	J226	CONDUIT	46.0	3.2478	0.0130
SRM952	J224	J225	CONDUIT	53.1	3.0250	0.0130
SRM952-S	J224	J225	CONDUIT	53.1	2.8609	0.0130
SRM954	J227	J228	CONDUIT	108.5	1.0129	0.0130
SRM954-S	J227	J228	CONDUIT	108.5	2.1865	0.0130
SRM955	J231	J230	CONDUIT	42.9	0.7942	0.0130
SRM955-S	J231	J230	CONDUIT	42.9	0.6498	0.0130
SRM956	J268	J227	CONDUIT	14.6	1.1956	0.0130
SRM957	J525	J268	CONDUIT	23.5	0.4037	0.0130
SRM958	J226	J227	CONDUIT	53.5	1.7800	0.0130
SRM958-S	J226	J227	CONDUIT	53.5	2.3823	0.0130
SRM959	J154	J231	CONDUIT	73.5	2.6602	0.0130
SRM959-S	J154	J231	CONDUIT	73.5	4.3828	0.0130
SRM960	J232	J154	CONDUIT	58.5	3.5049	0.0130
SRM960-S	J232	J154	CONDUIT	58.5	4.8309	0.0130
SRM961	J270	J227	CONDUIT	147.2	1.0062	0.0130
SRM961-S	J270	J227	CONDUIT	147.2	0.5768	0.0130
SRM963	GCMH41	GCMH42	CONDUIT	52.6	2.2786	0.0130
SRM964	GCMH110	GCMH40	CONDUIT	57.0	0.2736	0.0130
SRM964-S	GCMH110	GCMH40	CONDUIT	57.0	0.8821	0.0130
SRM965	GCMH40	GCMH41	CONDUIT	109.6	0.1615	0.0130
SRM965-S	GCMH40	GCMH41	CONDUIT	109.6	0.1916	0.0130
SRM966	GCMH99	GCMH43	CONDUIT	37.4	0.7173	0.0130
SRM966-S	GCMH99	GCMH43	CONDUIT	37.4	1.5578	0.0130
SRM967	GCMH43	GCMH40	CONDUIT	142.4	0.2451	0.0130
SRM967-S	GCMH43	GCMH40	CONDUIT	142.4	-0.4987	0.0130
SRM984	J527	J246	CONDUIT	10.5	1.8095	0.0130
SRM984-S	J527	J246	CONDUIT	10.5	4.4512	0.0130
SRM985	J246	J245	CONDUIT	47.0	2.7930	0.0130
SRM985-S	J246	J245	CONDUIT	47.0	2.9357	0.0130
SRM986	J245	J243	CONDUIT	111.7	2.6526	0.0130
SRM986-S	J245	J243	CONDUIT	111.7	3.5473	0.0130
SRM987	J244	J243	CONDUIT	112.6	0.3987	0.0130
SRM987-S	J244	J243	CONDUIT	112.6	0.5062	0.0130
SRM988	J243	J242	CONDUIT	46.0	0.3784	0.0130
SRM989	J302	J240	CONDUIT	37.1	1.5438	0.0130
SRM989-S	J302	J240	CONDUIT	37.1	1.8623	0.0130
SRM99	F14STM272	F14STM273	CONDUIT	33.6	2.9525	0.0130
SRM990	J240	J241	CONDUIT	110.0	1.4922	0.0130
SRM990-S	J240	J241	CONDUIT	110.0	1.3086	0.0130
SRM991	J241	J242	CONDUIT	60.0	0.4284	0.0130
SRM992	J528	J241	CONDUIT	64.2	3.8982	0.0130
SRM992-S	J528	J241	CONDUIT	64.2	3.2556	0.0130
SRM993	J301	J245	CONDUIT	112.7	1.0146	0.0130
SRM993-S	J301	J245	CONDUIT	112.7	0.3994	0.0130
SRM994	J301	J244	CONDUIT	110.6	2.7955	0.0130
SRM994-S	J301	J244	CONDUIT	110.6	3.4737	0.0130
SRM995	J299	J247	CONDUIT	93.8	0.3976	0.0130
SRM995-S	J299	J247	CONDUIT	93.8	0.0213	0.0130
SRM996	J247	J246	CONDUIT	62.1	0.3738	0.0130
SRM996-S	J247	J246	CONDUIT	62.1	0.8700	0.0130
SRM997	J300	J246	CONDUIT	48.5	2.9812	0.0130
SRM9-S	GCMH37	GCMH38	CONDUIT	116.6	1.9552	0.0130
Vista_Ryders_Ridge Crestview1		J248	CONDUIT	97.0	0.3402	0.0130
C18		G7STM262	J358_ADD	TYPE3 PUMP		
P1		J485	J9-Stan	TYPE3 PUMP		
P2		Hewlett_Park_Wetland	HPMH46	TYPE2 PUMP		
GCC16		GCMH130	C17STM1078	ORIFICE		
GCC28		Fox_Run_PH14	A14STM34	ORIFICE		
GCC37		Fox_Run_PH6-7	GCMH82	ORIFICE		
OR1		Hewlett_Park	HPMH38	ORIFICE		
OR2		Pier_View	J342	ORIFICE		
OR3		Waterford_Station_Pond2	GCMH88	ORIFICE		
OR4		Waterford_Station_Pond3	J68	ORIFICE		
OR5		Hawk's_Crest	CULV5475_Inlet	ORIFICE		
OR6		Prop-Golf_Course_Creek_Pond	GCMH88	ORIFICE		
OR7		Tank1-S3435	740_ADD	ORIFICE		
OR8		Tank2-S3547	734_ADD	ORIFICE		
SRM107_1		Lakeway_Landing_Ph2	J20	ORIFICE		
SRM1742		Waterford_Station_Pond1	GCMH21	ORIFICE		
SRM525_1		J9	J69	ORIFICE		
SRM639		Beacon_Hill	GCMH46	ORIFICE		
SRM942_1		Crestview	J21	ORIFICE		
SRM999		J248	J529	ORIFICE		
C67		SU1	GCMH79	WEIR		

W1	Westwood_Lane	A6STM162	WEIR
W2	CULV5453	CULV5452	WEIR
P3	J24-Stan	HPMH46	OUTLET

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Cross Section Summary
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Conduit	Full Shape	Full Hyd. Depth	Max. Area	No. of Rad.	Full Width	Barrels	Flow
1000_ADD	CIRCULAR	0.90	0.64	0.23	0.90	1	1171.51
1000-S_ADD	CG-CG	0.30	1.49	0.24	5.71	1	2961.26
1001_ADD	CIRCULAR	0.90	0.64	0.23	0.90	1	628.93
1001-S_ADD	CG-CG	0.30	1.49	0.24	5.71	1	3393.07
1002_ADD	CIRCULAR	0.60	0.28	0.15	0.60	1	408.01
1003_ADD	CIRCULAR	0.60	0.28	0.15	0.60	1	166.73
1003-S_ADD	CG-CG	0.30	1.49	0.24	5.71	1	154.47
1004_ADD	CIRCULAR	0.30	0.07	0.07	0.30	1	64.15
1005_ADD	CIRCULAR	0.30	0.07	0.07	0.30	1	91.17
1005-S_ADD	CG-CG	0.30	1.49	0.24	5.71	1	3327.42
1006_ADD	CIRCULAR	0.30	0.07	0.07	0.30	1	60.94
1007_ADD	CIRCULAR	0.30	0.07	0.07	0.30	1	89.97
1007-S_ADD	CG-CG	0.30	1.49	0.24	5.71	1	1533.89
1008_ADD	CIRCULAR	0.45	0.16	0.11	0.45	1	111.80
1008-S_ADD	CG-CG	0.30	1.49	0.24	5.71	1	536.19
1009_ADD	CIRCULAR	0.60	0.28	0.15	0.60	1	215.25
1009-S_ADD	CG-CG	0.30	1.49	0.24	5.71	1	3853.31
1011_ADD	CIRCULAR	0.60	0.28	0.15	0.60	1	201.24
993_ADD	CIRCULAR	0.60	0.28	0.15	0.60	1	496.20
993-S_ADD	CG-CG	0.30	1.49	0.24	5.71	1	4103.61
994_ADD	CIRCULAR	0.60	0.28	0.15	0.60	1	559.96
994-S_ADD	CG-CG	0.30	1.49	0.24	5.71	1	2777.25
995_ADD	CIRCULAR	0.60	0.28	0.15	0.60	1	385.95
996_ADD	CIRCULAR	0.75	0.44	0.19	0.75	1	374.06
996-S_ADD	CG-CG	0.30	1.49	0.24	5.71	1	4014.99
997_ADD	CIRCULAR	0.30	0.07	0.07	0.30	1	91.98
998_ADD	CIRCULAR	0.60	0.28	0.15	0.60	1	290.19
999_ADD	CIRCULAR	0.60	0.28	0.15	0.60	1	418.89
C1	TRAPEZOIDAL	1.00	6.00	0.64	9.00	1	13657.19
C10	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	13257.98
C10Stan	TRAPEZOIDAL	1.00	4.50	0.61	7.00	1	36116.93
C11	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	14447.37
C11Stan	TRAPEZOIDAL	1.00	4.50	0.61	7.00	1	5010.61
C12	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	5926.04
C12Stan	TRAPEZOIDAL	1.00	4.50	0.61	7.00	1	5174.94
C13	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	21795.85
C13Stan	TRAPEZOIDAL	1.00	4.50	0.61	7.00	1	5010.61
C14	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	6787.40
C15	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	11449.94
C16	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	17366.74
C17	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	15482.27
C18-S1	CG-CG	0.30	1.49	0.24	5.71	1	7623.52
C18-S2	CG-CG	0.30	1.49	0.24	5.71	1	6852.41
C18-S3	CG-CG	0.30	1.49	0.24	5.71	1	4759.68
C18-S4	CG-CG	0.30	1.49	0.24	5.71	1	9921.77
C18-S5	CG-CG	0.30	1.49	0.24	5.71	1	2828.48
C18-S6	CG-CG	0.30	1.49	0.24	5.71	1	4983.41
C18-S7	CG-CG	0.30	1.49	0.24	5.71	1	4114.52
C18-S8	CG-CG	0.30	1.49	0.24	5.71	1	2106.32
C19	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	5028.51
C19_ADD	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	7546.97
C1Stan	TRAPEZOIDAL	1.00	4.50	0.61	7.00	1	13156.96
C2	CIRCULAR	0.38	0.11	0.09	0.38	1	434.47
C20	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	9471.73
C20-S	CG-CG	0.30	1.49	0.24	5.71	1	11633.72
C20-S1	CG-CG	0.30	1.49	0.24	5.71	1	3752.06
C20-S2	CG-CG	0.30	1.49	0.24	5.71	1	3055.11
C20-S3	CG-CG	0.30	1.49	0.24	5.71	1	2112.37
C20-S4	CG-CG	0.30	1.49	0.24	5.71	1	1842.17
C20-S5	CG-CG	0.30	1.49	0.24	5.71	1	4671.10
C20-S6	CG-CG	0.30	1.49	0.24	5.71	1	2583.17
C20-S7Stan	CG-CG	0.30	1.49	0.24	5.71	1	1290.58
C20Stan	CIRCULAR	0.53	0.22	0.13	0.53	1	202.08
C21	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	3894.06

C21-S	CG-CG	0.30	1.49	0.24	5.71	1	1200.05
C21-S1Stan	CG-CG	0.30	1.49	0.24	5.71	1	3717.21
C21Stan	CIRCULAR	0.53	0.22	0.13	0.53	1	272.56
C22	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	2785.96
C22-SStan	CG-CG	0.30	1.49	0.24	5.71	1	2701.33
C22Stan	CIRCULAR	0.53	0.22	0.13	0.53	1	210.37
C23	CIRCULAR	1.50	1.77	0.38	1.50	1	7377.29
C23Stan	TRAPEZOIDAL	1.00	4.50	0.61	7.00	1	4311.01
C24	CIRCULAR	1.20	1.13	0.30	1.20	1	1125.80
C24-S1	CG-CG	0.30	1.49	0.24	5.71	1	8080.54
C24-SStan	CG-CG	0.30	1.49	0.24	5.71	1	2912.53
C24Stan	CIRCULAR	0.53	0.22	0.13	0.53	1	235.47
C25	CIRCULAR	0.20	0.03	0.05	0.20	1	42.25
C25-S	CG-CG	0.30	1.49	0.24	5.71	1	5900.20
C25Stan	TRAPEZOIDAL	1.50	8.63	0.86	9.50	1	13921.73
C26	CIRCULAR	0.30	0.07	0.07	0.30	1	15.27
C26_2	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	8816.79
C27	CIRCULAR	1.00	0.79	0.25	1.00	1	1770.45
C28	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	18448.37
C29	CIRCULAR	0.53	0.22	0.13	0.53	1	175.75
C29Stan	CIRCULAR	0.53	0.22	0.13	0.53	1	175.75
C2Stan	TRAPEZOIDAL	1.00	4.50	0.61	7.00	1	7125.21
C3	CIRCULAR	0.30	0.07	0.07	0.30	1	143.59
C30	RECT_CLOSED	1.00	1.50	0.30	1.50	1	2234.90
C31	TRAPEZOIDAL	1.00	6.00	0.64	9.00	1	27309.04
C31Stan	TRAPEZOIDAL	1.00	4.50	0.61	7.00	1	4724.43
C32	TRAPEZOIDAL	1.00	6.00	0.64	9.00	1	27104.12
C32_1	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	5704.63
C32_3	CIRCULAR	1.00	0.79	0.25	1.00	1	834.49
C32_4	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	10529.79
C32Stan	TRAPEZOIDAL	1.00	4.50	0.61	7.00	1	12315.94
C33	CIRCULAR	0.53	0.22	0.13	0.53	1	158.97
C33-S	CG-CG	0.30	1.49	0.24	5.71	1	2922.20
C34	CIRCULAR	0.45	0.16	0.11	0.45	1	268.67
C34-S	CG-CG	0.30	1.49	0.24	5.71	1	909.27
C35	CIRCULAR	0.53	0.22	0.13	0.53	1	181.75
C35-S	CG-CG	0.30	1.49	0.24	5.71	1	2818.78
C36	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	2892.45
C36_2_ADD	TRAPEZOIDAL	0.99	3.92	0.54	6.93	1	6550.55
C37	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	5711.92
C38	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	7560.58
C38Stan	TRAPEZOIDAL	1.50	8.63	0.86	9.50	1	11267.85
C39	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	10198.40
C39-SStan	CG-CG	0.30	1.49	0.24	5.71	1	3242.76
C39Stan	CIRCULAR	0.38	0.11	0.09	0.38	1	110.96
C3-S	CG-CG	0.30	1.49	0.24	5.71	1	4993.44
C3Stan	TRAPEZOIDAL	1.00	4.50	0.61	7.00	1	7089.64
C4	CIRCULAR	0.30	0.07	0.07	0.30	1	23.78
C40	CIRCULAR	1.00	0.79	0.25	1.00	1	1605.60
C40-SStan	CG-CG	0.30	1.49	0.24	5.71	1	2579.32
C40Stan	CIRCULAR	0.38	0.11	0.09	0.38	1	111.07
C41	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	12609.13
C41-SStan	CG-CG	0.30	1.49	0.24	5.71	1	2950.52
C41Stan	CIRCULAR	0.38	0.11	0.09	0.38	1	175.36
C42	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	4349.80
C42-SStan	CG-CG	0.30	1.49	0.24	5.71	1	2701.13
C42Stan	CIRCULAR	0.45	0.16	0.11	0.45	1	110.36
C43	CIRCULAR	1.00	0.79	0.25	1.00	1	1307.56
C43-SStan	CG-CG	0.30	1.49	0.24	5.71	1	2512.47
C43Stan	CIRCULAR	0.45	0.16	0.11	0.45	1	120.90
C44	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	5151.04
C44-SStan	CG-CG	0.30	1.49	0.24	5.71	1	877.72
C44Stan	CIRCULAR	0.45	0.16	0.11	0.45	1	127.36
C45	CIRCULAR	1.00	0.79	0.25	1.00	1	1219.70
C45-SStan	CG-CG	0.30	1.49	0.24	5.71	1	2895.21
C45Stan	CIRCULAR	0.45	0.16	0.11	0.45	1	156.25
C46	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	8739.98
C46-SStan	CG-CG	0.30	1.49	0.24	5.71	1	3441.32
C46Stan	CIRCULAR	0.45	0.16	0.11	0.45	1	156.24
C47	CIRCULAR	1.00	0.79	0.25	1.00	1	1274.26
C47-SStan	CG-CG	0.30	1.49	0.24	5.71	1	1014.08
C47Stan	CIRCULAR	0.53	0.22	0.13	0.53	1	253.36
C48	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	5514.10
C48-SStan	CG-CG	0.30	1.49	0.24	5.71	1	3285.94
C48Stan	CIRCULAR	0.60	0.28	0.15	0.60	1	301.02

C49	TRAPEZOIDAL	1.00	6.00	0.64	9.00	1	3966.45
C49_1	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	14228.82
C49_2	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	14230.14
C49-SStan	CG-CG	0.30	1.49	0.24	5.71	1	3251.00
C49Stan	CIRCULAR	0.68	0.36	0.17	0.68	1	428.82
C4-S	CG-CG	0.30	1.49	0.24	5.71	1	2805.42
C4Stan	TRAPEZOIDAL	1.00	4.50	0.61	7.00	1	7087.39
C5	CIRCULAR	1.20	1.13	0.30	1.20	1	3093.30
C50	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	3646.82
C50-SStan	CG-CG	0.30	1.49	0.24	5.71	1	1651.94
C50Stan	CIRCULAR	0.68	0.36	0.17	0.68	1	429.11
C51	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	7826.49
C51-SStan	CG-CG	0.30	1.49	0.24	5.71	1	2600.74
C51Stan	CIRCULAR	0.68	0.36	0.17	0.68	1	593.93
C52	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	4520.19
C52-SStan	CG-CG	0.30	1.49	0.24	5.71	1	2121.12
C52Stan	CIRCULAR	0.68	0.36	0.17	0.68	1	840.43
C53	CIRCULAR	1.20	1.13	0.30	1.20	1	924.32
C53_1_ADD	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	18163.52
C53_ADD	CIRCULAR	0.80	0.50	0.20	0.80	1	1943.52
C53-SStan	CG-CG	0.30	1.49	0.24	5.71	1	1301.74
C53Stan	CIRCULAR	0.68	0.36	0.17	0.68	1	532.11
C54	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	3471.01
C54_1_ADD	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	16646.49
C54_ADD	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	20690.86
C54-SStan	CG-CG	0.30	1.49	0.24	5.71	1	919.77
C54Stan	CIRCULAR	0.75	0.44	0.19	0.75	1	534.13
C55	CIRCULAR	0.30	0.07	0.07	0.30	1	220.89
C55-S	CG-CG	0.30	1.49	0.24	5.71	1	4301.78
C56	CIRCULAR	0.30	0.07	0.07	0.30	1	45.92
C56-S	CG-CG	0.30	1.49	0.24	5.71	1	1514.00
C57	CIRCULAR	0.53	0.22	0.13	0.53	1	255.25
C58	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	3941.99
C58-SStan	CG-CG	0.30	1.49	0.24	5.71	1	6003.62
C58Stan	CIRCULAR	0.75	0.44	0.19	0.75	1	540.50
C59	CIRCULAR	0.75	0.44	0.19	0.75	1	961.92
C59-S	CG-CG	0.30	1.49	0.24	5.71	1	5874.46
C5-S	CG-CG	0.30	1.49	0.24	5.71	1	2939.59
C5Stan	TRAPEZOIDAL	1.00	4.50	0.61	7.00	1	7088.22
C6	CIRCULAR	1.20	1.13	0.30	1.20	1	3087.16
C60	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	1851.61
C60_ADD	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	3202.92
C61	TRAPEZOIDAL	1.00	6.00	0.64	9.00	1	5785.50
C61-SStan	CG-CG	0.30	1.49	0.24	5.71	1	1323.65
C61Stan	CIRCULAR	0.75	0.44	0.19	0.75	1	553.88
C62	CIRCULAR	0.75	0.44	0.19	0.75	1	1243.25
C62-SStan	CG-CG	0.30	1.49	0.24	5.71	1	2257.26
C62Stan	CIRCULAR	0.75	0.44	0.19	0.75	1	556.05
C63	CIRCULAR	1.05	0.87	0.26	1.05	1	2470.38
C63-S	CG-CG	0.30	1.49	0.24	5.71	1	2701.62
C63Stan	CIRCULAR	0.75	0.44	0.19	0.75	1	667.82
C64	CIRCULAR	1.05	0.87	0.26	1.05	1	6238.34
C64-S	CG-CG	0.30	1.49	0.24	5.71	1	7692.71
C64Stan	CIRCULAR	0.75	0.44	0.19	0.75	1	787.55
C65	CIRCULAR	1.05	0.87	0.26	1.05	1	1531.92
C65-S	CG-CG	0.30	1.49	0.24	5.71	1	2635.65
C65Stan	CIRCULAR	0.75	0.44	0.19	0.75	1	629.96
C66	CIRCULAR	0.60	0.28	0.15	0.60	1	705.87
C66Stan	CIRCULAR	0.75	0.44	0.19	0.75	1	832.72
C67-SStan	CG-CG	0.30	1.49	0.24	5.71	1	2671.73
C67Stan	CIRCULAR	0.38	0.11	0.09	0.38	1	110.80
C68	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	9878.24
C68Stan	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	9878.24
C69	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	16166.75
C6-S	CG-CG	0.30	1.49	0.24	5.71	1	5929.55
C6Stan	TRAPEZOIDAL	1.00	4.50	0.61	7.00	1	7098.29
C7	CIRCULAR	1.20	1.13	0.30	1.20	1	3076.40
C70	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	16235.52
C71	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	15817.94
C72	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	15987.14
C72-SStan	CG-CG	0.30	1.49	0.24	5.71	1	3299.73
C72Stan	CIRCULAR	0.38	0.11	0.09	0.38	1	383.12
C73	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	16076.01
C74	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	16356.50
C75	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	16138.12

C76	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	11139.18
C77	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	13221.48
C78	CIRCULAR	1.20	1.13	0.30	1.20	1	493.18
C78_ADD	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	8025.54
C79	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	2443.15
C7-S	CG-CG	0.30	1.49	0.24	5.71	1	3449.52
C7Stan	TRAPEZOIDAL	1.00	4.50	0.61	7.00	1	10953.59
C8	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	30337.39
C80	CIRCULAR	1.20	1.13	0.30	1.20	1	802.25
C81	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	6235.49
C83	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	6055.28
C84	CIRCULAR	0.45	0.16	0.11	0.45	1	318.59
C85	CIRCULAR	0.45	0.16	0.11	0.45	1	579.37
C86	CIRCULAR	0.75	0.44	0.19	0.75	1	497.90
C87	CIRCULAR	1.20	1.13	0.30	1.20	2	1433.39
C88	CIRCULAR	0.80	0.50	0.20	0.80	1	956.39
C88_ADD	CIRCULAR	0.30	0.07	0.07	0.30	1	530.45
C88-S	CG-CG	0.30	1.49	0.24	5.71	1	6523.44
C88Stan	CIRCULAR	0.80	0.50	0.20	0.80	1	956.39
C89	CIRCULAR	0.80	0.50	0.20	0.80	1	846.28
C89_ADD	CIRCULAR	0.30	0.07	0.07	0.30	1	186.42
C89Stan	CIRCULAR	0.80	0.50	0.20	0.80	1	846.28
C8Stan	TRAPEZOIDAL	1.00	4.50	0.61	7.00	1	13263.17
C9	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	81265.29
C90_ADD	CIRCULAR	0.90	0.64	0.23	0.90	1	519.18
C91_1_ADD	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	3321.26
C91_2_ADD	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	3324.63
C91_3_ADD	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	8149.86
C91_4_ADD	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	8150.46
C91_ADD	CIRCULAR	0.60	0.28	0.15	0.60	1	1361.24
C92_ADD	CIRCULAR	0.60	0.28	0.15	0.60	1	650.22
C93_ADD	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	15151.56
C94_ADD	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	6657.20
C95_ADD	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	10046.52
C99_ADD	CIRCULAR	0.90	0.64	0.23	0.90	1	535.50
C9Stan	TRAPEZOIDAL	1.00	4.50	0.61	7.00	1	11657.81
GCC1	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	7032.08
GCC10	CIRCULAR	0.50	0.20	0.12	0.50	1	360.52
GCC11	CIRCULAR	0.45	0.16	0.11	0.45	1	118.25
GCC12	CIRCULAR	0.38	0.11	0.09	0.38	1	424.92
GCC13	CIRCULAR	0.20	0.03	0.05	0.20	1	22.63
GCC13-S	CG-CG	0.30	1.49	0.24	5.71	1	1034.34
GCC15	CIRCULAR	0.38	0.11	0.09	0.38	1	558.05
GCC17	CIRCULAR	0.30	0.07	0.07	0.30	1	179.68
GCC18	CIRCULAR	0.75	0.44	0.19	0.75	1	51.51
GCC19	CIRCULAR	0.45	0.16	0.11	0.45	1	316.05
GCC2	CIRCULAR	1.50	1.77	0.38	1.50	2	919.30
GCC20	CIRCULAR	0.38	0.11	0.09	0.38	1	99.57
GCC21	CIRCULAR	0.45	0.16	0.11	0.45	1	127.73
GCC22	CIRCULAR	0.68	0.36	0.17	0.68	1	488.70
GCC23	CIRCULAR	0.45	0.16	0.11	0.45	1	185.53
GCC23-S	CG-CG	0.30	1.49	0.24	5.71	1	1312.15
GCC24	CIRCULAR	1.05	0.87	0.26	1.05	1	1639.71
GCC25	CIRCULAR	1.50	1.77	0.38	1.50	1	19678.15
GCC26	CIRCULAR	0.75	0.44	0.19	0.75	1	1440.43
GCC27	CIRCULAR	0.30	0.07	0.07	0.30	1	132.90
GCC29	CIRCULAR	0.60	0.28	0.15	0.60	1	806.18
GCC29-S	CG-CG	0.30	1.49	0.24	5.71	1	2004.26
GCC3	TRAPEZOIDAL	1.50	12.75	0.95	13.00	1	1767.87
GCC30	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	4969.70
GCC31	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	9826.83
GCC32	TRAPEZOIDAL	1.50	12.75	0.95	13.00	1	7299.67
GCC33	TRAPEZOIDAL	1.50	12.75	0.95	13.00	1	25043.86
GCC34	TRAPEZOIDAL	1.50	12.75	0.95	13.00	1	25599.61
GCC35	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	3993.51
GCC36	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	5833.17
GCC38	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	21589.98
GCC39	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	7562.43
GCC4	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	16106.68
GCC40	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	9848.59
GCC41	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	14078.33
GCC42	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	10675.82
GCC43	CIRCULAR	1.50	1.77	0.38	1.50	1	3469.80
GCC44	CIRCULAR	1.50	1.77	0.38	1.50	1	1783.80
GCC45	CIRCULAR	1.50	1.77	0.38	1.50	2	3464.94

GCC46	TRAPEZOIDAL	1.50	12.75	0.95	13.00	1	7325.52
GCC47	CIRCULAR	1.00	0.79	0.25	1.00	1	1208.00
GCC48	CIRCULAR	1.00	0.79	0.25	1.00	1	1759.49
GCC49	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	16509.17
GCC5	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	6103.73
GCC50	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	19746.74
GCC51	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	4350.05
GCC52	CIRCULAR	1.00	0.79	0.25	1.00	1	1014.52
GCC53	CIRCULAR	1.00	0.79	0.25	1.00	1	810.51
GCC54	CIRCULAR	0.75	0.44	0.19	0.75	1	1524.17
GCC54-S	CG-CG	0.30	1.49	0.24	5.71	1	2185.25
GCC55	CIRCULAR	1.05	0.87	0.26	1.05	1	3687.43
GCC55-S	CG-CG	0.30	1.49	0.24	5.71	1	8138.73
GCC56	CIRCULAR	0.38	0.11	0.09	0.38	1	203.86
GCC57	CIRCULAR	0.30	0.07	0.07	0.30	1	69.21
GCC58	RECT_OPEN	0.30	0.30	0.19	1.00	1	1066.44
GCC59	TRAPEZOIDAL	1.00	3.00	0.47	6.00	1	24801.70
GCC6	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	15059.33
GCC60	CIRCULAR	1.05	0.87	0.26	1.05	1	1241.65
GCC61	CIRCULAR	0.30	0.07	0.07	0.30	1	144.29
GCC61-S	CG-CG	0.30	1.49	0.24	5.71	1	3958.86
GCC62	CIRCULAR	0.38	0.11	0.09	0.38	1	209.48
GCC62-S	CG-CG	0.30	1.49	0.24	5.71	1	5460.74
GCC63	CIRCULAR	0.20	0.03	0.05	0.20	1	13.29
GCC63-S	CG-CG	0.30	1.49	0.24	5.71	1	4123.36
GCC64	CIRCULAR	0.45	0.16	0.11	0.45	1	569.23
GCC65	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	15897.58
GCC66	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	6864.92
GCC67	TRAPEZOIDAL	1.50	12.75	0.95	13.00	1	61867.12
GCC68	TRAPEZOIDAL	1.30	6.37	0.69	8.80	1	15305.18
GCC7	CIRCULAR	0.30	0.07	0.07	0.30	1	159.38
GCC70	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	11668.86
GCC71	TRAPEZOIDAL	1.50	12.75	0.95	13.00	1	33263.40
GCC72	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	3933.54
GCC73	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	11671.22
GCC74	TRAPEZOIDAL	1.00	4.00	0.55	7.00	1	1911.27
GCC75	CIRCULAR	0.30	0.07	0.07	0.30	1	66.02
GCC8	CIRCULAR	0.50	0.20	0.12	0.50	1	283.00
GCC9	CIRCULAR	0.50	0.20	0.12	0.50	1	286.23
HPC1	CIRCULAR	0.20	0.03	0.05	0.20	1	20.92
HPC14	CIRCULAR	1.20	1.13	0.30	1.20	2	1204.29
HPC15	CIRCULAR	1.20	1.13	0.30	1.20	2	1894.01
HPC19	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	15496.42
HPC2	CIRCULAR	0.38	0.11	0.09	0.38	1	57.83
HPC20	CIRCULAR	0.38	0.11	0.09	0.38	1	68.70
HPC21_1	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	25989.25
HPC21_2	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	19305.92
HPC22	CIRCULAR	0.38	0.11	0.09	0.38	1	32.13
HPC24	CIRCULAR	0.38	0.11	0.09	0.38	1	485.70
HPC25	CIRCULAR	0.38	0.11	0.09	0.38	1	76.46
HPC26	TRAPEZOIDAL	1.50	11.25	0.90	12.00	1	33299.12
HPC27	CIRCULAR	1.20	1.13	0.30	1.20	1	1990.63
HPC28	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	45891.96
HPC29	CIRCULAR	1.20	1.13	0.30	1.20	2	1274.11
HPC3	TRAPEZOIDAL	1.00	5.00	0.67	7.00	1	10100.97
HPC35_1	TRAPEZOIDAL	2.00	18.00	1.15	15.00	1	26775.90
HPC36	CIRCULAR	0.38	0.11	0.09	0.38	1	128.68
HPC37	CIRCULAR	0.60	0.28	0.15	0.60	1	266.15
HPC38	CIRCULAR	0.80	0.50	0.20	0.80	1	881.03
HPC39	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	33863.48
HPC4	TRAPEZOIDAL	1.50	8.25	0.79	10.00	1	15316.28
HPC40	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	27929.71
HPC42	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	47414.33
HPC43	CIRCULAR	0.60	0.28	0.15	0.60	1	341.75
HPC44	CIRCULAR	0.45	0.16	0.11	0.45	1	5.89
HPC45	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	29946.22
HPC46	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	8180.81
HPC47	TRAPEZOIDAL	1.00	6.50	0.66	9.50	1	53901.62
HPC48	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	10322.07
HPC49	CIRCULAR	1.20	1.13	0.30	1.20	2	1412.43
HPC5	TRAPEZOIDAL	2.00	10.00	1.01	9.00	1	28420.17
HPC6	TRAPEZOIDAL	1.50	12.00	0.92	12.50	1	19420.13
SRM1	CIRCULAR	0.30	0.07	0.07	0.30	1	176.29
SRM1000	CIRCULAR	0.75	0.44	0.19	0.75	1	2157.18
SRM1002	CIRCULAR	0.90	0.64	0.23	0.90	1	3522.94

SRM1008	CIRCULAR	0.38	0.11	0.09	0.38	1	85.01
SRM101	CIRCULAR	0.75	0.44	0.19	0.75	1	2551.88
SRM1012	CIRCULAR	0.45	0.16	0.11	0.45	1	113.15
SRM1013	CIRCULAR	0.45	0.16	0.11	0.45	1	110.62
SRM1014	CIRCULAR	0.38	0.11	0.09	0.38	1	67.85
SRM1015	CIRCULAR	0.38	0.11	0.09	0.38	1	68.07
SRM1017	CIRCULAR	0.38	0.11	0.09	0.38	1	76.80
SRM1018	CIRCULAR	0.38	0.11	0.09	0.38	1	67.08
SRM102	CIRCULAR	0.38	0.11	0.09	0.38	1	131.68
SRM103	CIRCULAR	0.60	0.28	0.15	0.60	1	518.57
SRM104	CIRCULAR	0.60	0.28	0.15	0.60	1	686.45
SRM1040	CIRCULAR	0.60	0.28	0.15	0.60	1	193.01
SRM105	CIRCULAR	0.60	0.28	0.15	0.60	1	1024.47
SRM1053	CIRCULAR	0.38	0.11	0.09	0.38	1	246.85
SRM106	CIRCULAR	0.90	0.64	0.23	0.90	1	1174.99
SRM107_2	CIRCULAR	0.90	0.64	0.23	0.90	1	1532.75
SRM108	CIRCULAR	0.30	0.07	0.07	0.30	1	59.73
SRM109	CIRCULAR	0.53	0.22	0.13	0.53	1	376.82
SRM109-S	CG-CG	0.30	1.49	0.24	5.71	1	4003.88
SRM110	CIRCULAR	0.75	0.44	0.19	0.75	1	547.39
SRM111	CIRCULAR	0.53	0.22	0.13	0.53	1	192.25
SRM112	CIRCULAR	0.75	0.44	0.19	0.75	1	519.88
SRM114	CIRCULAR	0.38	0.11	0.09	0.38	1	226.79
SRM116	CIRCULAR	0.60	0.28	0.15	0.60	1	672.68
SRM120	CIRCULAR	0.60	0.28	0.15	0.60	1	765.93
SRM120-S	CG-CG	0.30	1.49	0.24	5.71	1	4491.95
SRM121	CIRCULAR	0.30	0.07	0.07	0.30	1	111.17
SRM122	CIRCULAR	0.60	0.28	0.15	0.60	1	742.30
SRM122-S	CG-CG	0.30	1.49	0.24	5.71	1	8614.52
SRM123	CIRCULAR	0.60	0.28	0.15	0.60	1	1215.25
SRM123-S	CG-CG	0.30	1.49	0.24	5.71	1	9407.44
SRM124	CIRCULAR	0.60	0.28	0.15	0.60	1	742.18
SRM124-S	CG-CG	0.30	1.49	0.24	5.71	1	14629.38
SRM125	CIRCULAR	0.53	0.22	0.13	0.53	1	383.96
SRM125-S	CG-CG	0.30	1.49	0.24	5.71	1	2556.00
SRM13	CIRCULAR	0.60	0.28	0.15	0.60	1	512.68
SRM130	CIRCULAR	0.75	0.44	0.19	0.75	1	350.24
SRM1306	CIRCULAR	0.30	0.07	0.07	0.30	1	39.98
SRM1306-S	AC-AC	0.15	0.66	0.11	5.95	1	255.99
SRM1308	CIRCULAR	0.30	0.07	0.07	0.30	1	38.84
SRM1308-S	AC-AC	0.15	0.66	0.11	5.95	1	2034.12
SRM1309	CIRCULAR	0.30	0.07	0.07	0.30	1	42.56
SRM1309-S	AC-AC	0.15	0.66	0.11	5.95	1	886.77
SRM131	CIRCULAR	0.75	0.44	0.19	0.75	1	353.84
SRM1310	CIRCULAR	0.30	0.07	0.07	0.30	1	23.06
SRM132	CIRCULAR	0.75	0.44	0.19	0.75	1	350.70
SRM134	CIRCULAR	0.30	0.07	0.07	0.30	1	80.84
SRM136	CIRCULAR	0.30	0.07	0.07	0.30	1	130.40
SRM136-S	CG-CG	0.30	1.49	0.24	5.71	1	6102.07
SRM137	CIRCULAR	0.30	0.07	0.07	0.30	1	145.02
SRM137-S	CG-CG	0.30	1.49	0.24	5.71	1	6789.64
SRM138	CIRCULAR	0.30	0.07	0.07	0.30	1	164.06
SRM138-S	CG-CG	0.30	1.49	0.24	5.71	1	7373.68
SRM139	CIRCULAR	0.30	0.07	0.07	0.30	1	79.01
SRM139-S	CG-CG	0.30	1.49	0.24	5.71	1	3814.56
SRM13-S	CG-CG	0.30	1.49	0.24	5.71	1	3621.07
SRM14	CIRCULAR	0.68	0.36	0.17	0.68	1	1394.97
SRM142	CIRCULAR	1.05	0.87	0.26	1.05	1	1308.95
SRM144	CIRCULAR	0.38	0.11	0.09	0.38	1	363.51
SRM144-S	CG-CG	0.30	1.49	0.24	5.71	1	9155.83
SRM145	CIRCULAR	0.38	0.11	0.09	0.38	1	65.48
SRM145-S	CG-CG	0.30	1.49	0.24	5.71	1	6428.70
SRM146	CIRCULAR	0.38	0.11	0.09	0.38	1	181.36
SRM146-S	CG-CG	0.30	1.49	0.24	5.71	1	4953.53
SRM147	CIRCULAR	0.30	0.07	0.07	0.30	1	79.10
SRM148	CIRCULAR	0.30	0.07	0.07	0.30	1	141.91
SRM148-S	CG-CG	0.30	1.49	0.24	5.71	1	6473.67
SRM149	CIRCULAR	0.38	0.11	0.09	0.38	1	261.37
SRM149-S	CG-CG	0.30	1.49	0.24	5.71	1	8045.77
SRM14-S	CG-CG	0.30	1.49	0.24	5.71	1	6703.45
SRM150	CIRCULAR	0.30	0.07	0.07	0.30	1	42.77
SRM151	CIRCULAR	0.60	0.28	0.15	0.60	1	793.60
SRM151-S	CG-CG	0.30	1.49	0.24	5.71	1	13105.40
SRM152	CIRCULAR	0.53	0.22	0.13	0.53	1	398.40
SRM152-S	CG-CG	0.30	1.49	0.24	5.71	1	5545.10

SRM153	CIRCULAR	0.45	0.16	0.11	0.45	1	251.71
SRM154	CIRCULAR	0.75	0.44	0.19	0.75	1	1067.59
SRM155	CIRCULAR	0.75	0.44	0.19	0.75	1	1386.29
SRM156	CIRCULAR	0.75	0.44	0.19	0.75	1	1316.14
SRM158	CIRCULAR	1.50	1.77	0.38	1.50	1	8105.76
SRM158-S	CG-CG	0.30	1.49	0.24	5.71	1	2790.48
SRM16	CIRCULAR	0.60	0.28	0.15	0.60	1	835.44
SRM162	CIRCULAR	0.38	0.11	0.09	0.38	1	447.37
SRM162-S	CG-CG	0.30	1.49	0.24	5.71	1	10413.26
SRM163	CIRCULAR	0.45	0.16	0.11	0.45	1	643.75
SRM163-S	CG-CG	0.30	1.49	0.24	5.71	1	10063.12
SRM164	CIRCULAR	0.53	0.22	0.13	0.53	1	900.02
SRM164-S	CG-CG	0.30	1.49	0.24	5.71	1	8579.02
SRM165	CIRCULAR	0.53	0.22	0.13	0.53	1	746.40
SRM165-S	CG-CG	0.30	1.49	0.24	5.71	1	5775.09
SRM166	CIRCULAR	0.53	0.22	0.13	0.53	1	705.24
SRM166-S	CG-CG	0.30	1.49	0.24	5.71	1	7075.04
SRM168	CIRCULAR	0.53	0.22	0.13	0.53	1	720.93
SRM168-S	CG-CG	0.30	1.49	0.24	5.71	1	7173.17
SRM16-S	CG-CG	0.30	1.49	0.24	5.71	1	5754.30
SRM17	CIRCULAR	0.60	0.28	0.15	0.60	1	701.27
SRM170	CIRCULAR	0.75	0.44	0.19	0.75	1	1288.28
SRM170-S	CG-CG	0.30	1.49	0.24	5.71	1	2627.74
SRM171	CIRCULAR	0.45	0.16	0.11	0.45	1	148.03
SRM1710	CIRCULAR	0.20	0.03	0.05	0.20	1	40.97
SRM1711	CIRCULAR	0.20	0.03	0.05	0.20	1	91.58
SRM1712	CIRCULAR	0.20	0.03	0.05	0.20	1	76.31
SRM1713	CIRCULAR	0.20	0.03	0.05	0.20	1	76.35
SRM1714	CIRCULAR	0.20	0.03	0.05	0.20	1	57.75
SRM1715	CIRCULAR	0.30	0.07	0.07	0.30	1	100.87
SRM1716	CIRCULAR	0.30	0.07	0.07	0.30	1	145.42
SRM1717	CIRCULAR	0.30	0.07	0.07	0.30	1	133.78
SRM1718	CIRCULAR	0.30	0.07	0.07	0.30	1	49.66
SRM1719	CIRCULAR	0.45	0.16	0.11	0.45	1	222.44
SRM171-S	CG-CG	0.30	1.49	0.24	5.71	1	8168.82
SRM1720	CIRCULAR	0.30	0.07	0.07	0.30	1	131.22
SRM1721	CIRCULAR	0.53	0.22	0.13	0.53	1	617.62
SRM1722	CIRCULAR	0.30	0.07	0.07	0.30	1	203.24
SRM1723	CIRCULAR	0.38	0.11	0.09	0.38	1	116.37
SRM1724	CIRCULAR	0.53	0.22	0.13	0.53	1	520.89
SRM1725	CIRCULAR	0.53	0.22	0.13	0.53	1	964.85
SRM1726	CIRCULAR	0.45	0.16	0.11	0.45	1	590.27
SRM1727	CIRCULAR	0.60	0.28	0.15	0.60	1	565.69
SRM1728	CIRCULAR	0.60	0.28	0.15	0.60	1	604.77
SRM1729	CIRCULAR	0.60	0.28	0.15	0.60	1	591.66
SRM1730	CIRCULAR	0.20	0.03	0.05	0.20	1	19.38
SRM1731	CIRCULAR	0.20	0.03	0.05	0.20	1	21.23
SRM1732	CIRCULAR	0.53	0.22	0.13	0.53	1	612.13
SRM1733	CIRCULAR	0.53	0.22	0.13	0.53	1	447.04
SRM1734	CIRCULAR	0.30	0.07	0.07	0.30	1	158.49
SRM1735	CIRCULAR	0.30	0.07	0.07	0.30	1	160.20
SRM1736	CIRCULAR	0.53	0.22	0.13	0.53	1	441.03
SRM1737	CIRCULAR	0.75	0.44	0.19	0.75	1	1320.23
SRM1738	CIRCULAR	0.75	0.44	0.19	0.75	1	1713.81
SRM1739	CIRCULAR	0.45	0.16	0.11	0.45	1	205.79
SRM1740	CIRCULAR	0.45	0.16	0.11	0.45	1	351.01
SRM1741	CIRCULAR	0.45	0.16	0.11	0.45	1	420.88
SRM1743	CIRCULAR	0.45	0.16	0.11	0.45	1	132.97
SRM1744	CIRCULAR	0.45	0.16	0.11	0.45	1	201.60
SRM176	CIRCULAR	0.38	0.11	0.09	0.38	1	302.79
SRM176-S	CG-CG	0.30	1.49	0.24	5.71	1	5060.59
SRM178	CIRCULAR	0.60	0.28	0.15	0.60	1	968.63
SRM178-S	CG-CG	0.30	1.49	0.24	5.71	1	8660.35
SRM179	CIRCULAR	0.75	0.44	0.19	0.75	1	1299.89
SRM179-S	CG-CG	0.30	1.49	0.24	5.71	1	4206.75
SRM18	CIRCULAR	0.38	0.11	0.09	0.38	1	275.07
SRM180	CIRCULAR	0.60	0.28	0.15	0.60	1	967.70
SRM180-S	CG-CG	0.30	1.49	0.24	5.71	1	7690.38
SRM181	CIRCULAR	0.60	0.28	0.15	0.60	1	901.82
SRM181-S	CG-CG	0.30	1.49	0.24	5.71	1	9058.28
SRM19	CIRCULAR	0.38	0.11	0.09	0.38	1	271.44
SRM195	CIRCULAR	0.45	0.16	0.11	0.45	1	142.39
SRM195-S	CG-CG	0.30	1.49	0.24	5.71	1	3939.52
SRM196	CIRCULAR	0.45	0.16	0.11	0.45	1	140.04
SRM196-S	CG-CG	0.30	1.49	0.24	5.71	1	3201.89

SRM197	CIRCULAR	0.45	0.16	0.11	0.45	1	177.62
SRM197-S	CG-CG	0.30	1.49	0.24	5.71	1	2662.28
SRM198	CIRCULAR	0.45	0.16	0.11	0.45	1	170.97
SRM198-S	CG-CG	0.30	1.49	0.24	5.71	1	1427.80
SRM199	CIRCULAR	0.53	0.22	0.13	0.53	1	252.28
SRM199-S	CG-CG	0.30	1.49	0.24	5.71	1	1315.96
SRM1-S	CG-CG	0.30	1.49	0.24	5.71	1	8079.02
SRM2	CIRCULAR	0.30	0.07	0.07	0.30	1	186.10
SRM20	CIRCULAR	0.60	0.28	0.15	0.60	1	732.45
SRM200	CIRCULAR	0.60	0.28	0.15	0.60	1	406.16
SRM200-S	CG-CG	0.30	1.49	0.24	5.71	1	3967.94
SRM201	CIRCULAR	0.60	0.28	0.15	0.60	1	343.90
SRM201-S	CG-CG	0.30	1.49	0.24	5.71	1	3322.36
SRM202	CIRCULAR	0.68	0.36	0.17	0.68	1	605.85
SRM202-S	CG-CG	0.30	1.49	0.24	5.71	1	3286.44
SRM204	CIRCULAR	0.75	0.44	0.19	0.75	1	478.05
SRM204-S	CG-CG	0.30	1.49	0.24	5.71	1	2518.53
SRM206	CIRCULAR	0.38	0.11	0.09	0.38	1	132.39
SRM206-S	CG-CG	0.30	1.49	0.24	5.71	1	2885.29
SRM208	CIRCULAR	0.90	0.64	0.23	0.90	1	542.32
SRM208-S	CG-CG	0.30	1.49	0.24	5.71	1	1434.60
SRM209	CIRCULAR	0.90	0.64	0.23	0.90	1	711.89
SRM209-S	CG-CG	0.30	1.49	0.24	5.71	1	1609.25
SRM21	CIRCULAR	0.30	0.07	0.07	0.30	1	100.08
SRM214	CIRCULAR	0.60	0.28	0.15	0.60	1	225.29
SRM215	CIRCULAR	1.05	0.87	0.26	1.05	1	1223.23
SRM215-S	CG-CG	0.30	1.49	0.24	5.71	1	7778.31
SRM216	CIRCULAR	0.30	0.07	0.07	0.30	1	45.97
SRM216-S	CG-CG	0.30	1.49	0.24	5.71	1	4228.77
SRM218	CIRCULAR	0.38	0.11	0.09	0.38	1	87.34
SRM218-S	CG-CG	0.30	1.49	0.24	5.71	1	3506.48
SRM219	CIRCULAR	1.05	0.87	0.26	1.05	1	909.58
SRM219-S	CG-CG	0.30	1.49	0.24	5.71	1	1991.43
SRM22	CIRCULAR	0.60	0.28	0.15	0.60	1	730.43
SRM220	CIRCULAR	0.38	0.11	0.09	0.38	1	102.40
SRM220-S	AC-AC	0.15	0.66	0.11	5.95	1	857.70
SRM221	CIRCULAR	0.90	0.64	0.23	0.90	1	902.95
SRM221-S	CG-CG	0.30	1.49	0.24	5.71	1	2942.77
SRM222	CIRCULAR	0.90	0.64	0.23	0.90	1	980.28
SRM222-S	CG-CG	0.30	1.49	0.24	5.71	1	2375.20
SRM223	CIRCULAR	0.38	0.11	0.09	0.38	1	53.56
SRM223-S	CG-CG	0.30	1.49	0.24	5.71	1	4240.58
SRM224	CIRCULAR	0.75	0.44	0.19	0.75	1	637.53
SRM224-S	CG-CG	0.30	1.49	0.24	5.71	1	3399.71
SRM225	CIRCULAR	0.75	0.44	0.19	0.75	1	437.24
SRM225-S	CG-CG	0.30	1.49	0.24	5.71	1	3464.09
SRM227	CIRCULAR	0.38	0.11	0.09	0.38	1	88.76
SRM227-S	CG-CG	0.30	1.49	0.24	5.71	1	3557.28
SRM228	CIRCULAR	1.05	0.87	0.26	1.05	1	1254.34
SRM228-S	CG-CG	0.30	1.49	0.24	5.71	1	2846.41
SRM229	CIRCULAR	1.05	0.87	0.26	1.05	1	1068.79
SRM229-S	CG-CG	0.30	1.49	0.24	5.71	1	1474.28
SRM23	CIRCULAR	0.75	0.44	0.19	0.75	1	1144.76
SRM230	CIRCULAR	1.05	0.87	0.26	1.05	1	1037.25
SRM230-S	CG-CG	0.30	1.49	0.24	5.71	1	2948.96
SRM231	CIRCULAR	1.05	0.87	0.26	1.05	1	1088.25
SRM231-S	CG-CG	0.30	1.49	0.24	5.71	1	2938.11
SRM232	CIRCULAR	1.05	0.87	0.26	1.05	1	887.09
SRM232-S	CG-CG	0.30	1.49	0.24	5.71	1	3834.85
SRM233	CIRCULAR	0.53	0.22	0.13	0.53	1	242.12
SRM233-S	CG-CG	0.30	1.49	0.24	5.71	1	964.10
SRM238	CIRCULAR	0.45	0.16	0.11	0.45	1	108.90
SRM238-S	CG-CG	0.30	1.49	0.24	5.71	1	2249.07
SRM239	CIRCULAR	0.45	0.16	0.11	0.45	1	90.49
SRM239-S	CG-CG	0.30	1.49	0.24	5.71	1	1630.03
SRM24	CIRCULAR	0.30	0.07	0.07	0.30	1	210.15
SRM240	CIRCULAR	0.45	0.16	0.11	0.45	1	129.63
SRM240-S	CG-CG	0.30	1.49	0.24	5.71	1	1391.35
SRM242	CIRCULAR	0.53	0.22	0.13	0.53	1	190.84
SRM242-S	CG-CG	0.30	1.49	0.24	5.71	1	2390.82
SRM243	CIRCULAR	0.53	0.22	0.13	0.53	1	213.18
SRM243-S	CG-CG	0.30	1.49	0.24	5.71	1	2398.42
SRM244	CIRCULAR	0.45	0.16	0.11	0.45	1	447.60
SRM244-S	CG-CG	0.30	1.49	0.24	5.71	1	6419.68
SRM245	CIRCULAR	0.75	0.44	0.19	0.75	1	1502.95

SRM245-S	CG-CG	0.30	1.49	0.24	5.71	1	6112.26
SRM246	CIRCULAR	1.05	0.87	0.26	1.05	1	3679.26
SRM246-S	CG-CG	0.30	1.49	0.24	5.71	1	3909.10
SRM247	CIRCULAR	1.05	0.87	0.26	1.05	1	3686.45
SRM247-S	CG-CG	0.30	1.49	0.24	5.71	1	5715.12
SRM248	CIRCULAR	1.05	0.87	0.26	1.05	1	3601.80
SRM248-S	CG-CG	0.30	1.49	0.24	5.71	1	647.74
SRM249	CIRCULAR	1.05	0.87	0.26	1.05	1	3683.26
SRM249-S	CG-CG	0.30	1.49	0.24	5.71	1	8514.27
SRM25	CIRCULAR	1.05	0.87	0.26	1.05	1	1273.25
SRM250	CIRCULAR	0.60	0.28	0.15	0.60	1	225.13
SRM250-S	CG-CG	0.30	1.49	0.24	5.71	1	3511.78
SRM251	CIRCULAR	0.20	0.03	0.05	0.20	1	34.47
SRM251-S	CG-CG	0.30	1.49	0.24	5.71	1	5064.96
SRM252	CIRCULAR	0.30	0.07	0.07	0.30	1	47.35
SRM253	CIRCULAR	0.38	0.11	0.09	0.38	1	179.35
SRM253-S	CG-CG	0.30	1.49	0.24	5.71	1	4237.78
SRM254	CIRCULAR	0.30	0.07	0.07	0.30	1	166.72
SRM254-S	CG-CG	0.30	1.49	0.24	5.71	1	7127.75
SRM255	CIRCULAR	0.30	0.07	0.07	0.30	1	167.62
SRM255-S	CG-CG	0.30	1.49	0.24	5.71	1	7078.62
SRM256	CIRCULAR	0.45	0.16	0.11	0.45	1	349.91
SRM256-S	CG-CG	0.30	1.49	0.24	5.71	1	5583.95
SRM257	CIRCULAR	0.53	0.22	0.13	0.53	1	299.63
SRM257-S	CG-CG	0.30	1.49	0.24	5.71	1	4258.34
SRM258	CIRCULAR	0.45	0.16	0.11	0.45	1	166.94
SRM258-S	CG-CG	0.30	1.49	0.24	5.71	1	4235.01
SRM259	CIRCULAR	0.20	0.03	0.05	0.20	1	22.43
SRM259-S	CG-CG	0.30	1.49	0.24	5.71	1	4057.81
SRM26	CIRCULAR	0.38	0.11	0.09	0.38	1	282.10
SRM261	CIRCULAR	0.75	0.44	0.19	0.75	1	530.82
SRM261-S	CG-CG	0.30	1.49	0.24	5.71	1	3374.12
SRM262	CIRCULAR	0.75	0.44	0.19	0.75	1	598.69
SRM262-S	CG-CG	0.30	1.49	0.24	5.71	1	2807.38
SRM263	CIRCULAR	0.75	0.44	0.19	0.75	1	552.75
SRM263-S	CG-CG	0.30	1.49	0.24	5.71	1	5148.86
SRM264	CIRCULAR	0.45	0.16	0.11	0.45	1	135.01
SRM264-S	CG-CG	0.30	1.49	0.24	5.71	1	2873.13
SRM266	CIRCULAR	0.45	0.16	0.11	0.45	1	155.79
SRM266-S	CG-CG	0.30	1.49	0.24	5.71	1	3112.87
SRM267	CIRCULAR	0.30	0.07	0.07	0.30	1	62.10
SRM267-S	CG-CG	0.30	1.49	0.24	5.71	1	3228.63
SRM268	CIRCULAR	0.38	0.11	0.09	0.38	1	126.05
SRM268-S	CG-CG	0.30	1.49	0.24	5.71	1	3368.83
SRM269	CIRCULAR	0.30	0.07	0.07	0.30	1	84.66
SRM269-S	CG-CG	0.30	1.49	0.24	5.71	1	4409.15
SRM27	CIRCULAR	1.50	1.77	0.38	1.50	1	5804.57
SRM270	CIRCULAR	0.38	0.11	0.09	0.38	1	123.75
SRM270-S	CG-CG	0.30	1.49	0.24	5.71	1	2544.29
SRM272	CIRCULAR	0.38	0.11	0.09	0.38	1	43.16
SRM272-S	CG-CG	0.30	1.49	0.24	5.71	1	4570.91
SRM273	CIRCULAR	0.30	0.07	0.07	0.30	1	77.28
SRM274	CIRCULAR	0.38	0.11	0.09	0.38	1	78.54
SRM274-S	CG-CG	0.30	1.49	0.24	5.71	1	3186.73
SRM275	CIRCULAR	0.38	0.11	0.09	0.38	1	78.50
SRM275-S	CG-CG	0.30	1.49	0.24	5.71	1	3383.52
SRM276	CIRCULAR	0.38	0.11	0.09	0.38	1	93.29
SRM276-S	AC-AC	0.15	0.66	0.11	5.95	1	366.57
SRM277	CIRCULAR	0.38	0.11	0.09	0.38	1	78.09
SRM277-S	CG-CG	0.30	1.49	0.24	5.71	1	3386.92
SRM28	CIRCULAR	0.75	0.44	0.19	0.75	1	1302.63
SRM280	CIRCULAR	1.50	1.77	0.38	1.50	1	5212.61
SRM280-S	CG-CG	0.30	1.49	0.24	5.71	1	3122.29
SRM281	CIRCULAR	1.50	1.77	0.38	1.50	1	5609.99
SRM281-S	CG-CG	0.30	1.49	0.24	5.71	1	3170.92
SRM283	CIRCULAR	1.50	1.77	0.38	1.50	1	5569.97
SRM283-S	CG-CG	0.30	1.49	0.24	5.71	1	4718.24
SRM284	CIRCULAR	1.50	1.77	0.38	1.50	1	5602.44
SRM284-S	CG-CG	0.30	1.49	0.24	5.71	1	3345.40
SRM287	CIRCULAR	0.20	0.03	0.05	0.20	1	50.27
SRM287-S	CG-CG	0.30	1.49	0.24	5.71	1	6232.22
SRM288	CIRCULAR	1.05	0.87	0.26	1.05	1	3555.57
SRM289	CIRCULAR	0.30	0.07	0.07	0.30	1	183.81
SRM289-S	CG-CG	0.30	1.49	0.24	5.71	1	7457.27
SRM290	CIRCULAR	0.30	0.07	0.07	0.30	1	184.83

SRM290-S	CG-CG	0.30	1.49	0.24	5.71	1	8928.51
SRM291	CIRCULAR	0.30	0.07	0.07	0.30	1	184.67
SRM291-S	CG-CG	0.30	1.49	0.24	5.71	1	8642.72
SRM292	CIRCULAR	0.60	0.28	0.15	0.60	1	432.93
SRM293	CIRCULAR	0.45	0.16	0.11	0.45	1	384.66
SRM293-S	CG-CG	0.30	1.49	0.24	5.71	1	8961.48
SRM298	CIRCULAR	0.25	0.05	0.06	0.25	1	105.52
SRM298-S	CG-CG	0.30	1.49	0.24	5.71	1	3519.42
SRM299	CIRCULAR	0.38	0.11	0.09	0.38	1	80.59
SRM299-S	CG-CG	0.30	1.49	0.24	5.71	1	2941.29
SRM2-S	CG-CG	0.30	1.49	0.24	5.71	1	8432.47
SRM3	CIRCULAR	0.30	0.07	0.07	0.30	1	108.38
SRM30	CIRCULAR	0.75	0.44	0.19	0.75	1	984.78
SRM300	CIRCULAR	0.45	0.16	0.11	0.45	1	123.51
SRM300-S	CG-CG	0.30	1.49	0.24	5.71	1	1765.99
SRM301	CIRCULAR	0.53	0.22	0.13	0.53	1	191.00
SRM301-S	CG-CG	0.30	1.49	0.24	5.71	1	3629.80
SRM303	CIRCULAR	0.45	0.16	0.11	0.45	1	229.96
SRM303-S	CG-CG	0.30	1.49	0.24	5.71	1	4743.94
SRM304	CIRCULAR	0.68	0.36	0.17	0.68	1	248.64
SRM304-S	CG-CG	0.30	1.49	0.24	5.71	1	1916.52
SRM307	CIRCULAR	0.25	0.05	0.06	0.25	1	27.61
SRM307-S	CG-CG	0.30	1.49	0.24	5.71	1	2788.28
SRM308	CIRCULAR	0.45	0.16	0.11	0.45	1	159.84
SRM308-S	CG-CG	0.30	1.49	0.24	5.71	1	2819.62
SRM31	CIRCULAR	1.05	0.87	0.26	1.05	1	5373.79
SRM310	CIRCULAR	0.30	0.07	0.07	0.30	1	49.15
SRM310-S	CG-CG	0.30	1.49	0.24	5.71	1	2410.07
SRM312	CIRCULAR	0.45	0.16	0.11	0.45	1	225.66
SRM312-S	CG-CG	0.30	1.49	0.24	5.71	1	2991.88
SRM313	CIRCULAR	0.25	0.05	0.06	0.25	1	58.92
SRM313-S	CG-CG	0.30	1.49	0.24	5.71	1	4131.76
SRM314	CIRCULAR	0.30	0.07	0.07	0.30	1	53.89
SRM314-S	CG-CG	0.30	1.49	0.24	5.71	1	2774.05
SRM315	CIRCULAR	0.25	0.05	0.06	0.25	1	47.85
SRM315-S	CG-CG	0.30	1.49	0.24	5.71	1	2820.94
SRM316	CIRCULAR	0.53	0.22	0.13	0.53	1	525.68
SRM316-S	CG-CG	0.30	1.49	0.24	5.71	1	5014.30
SRM317	CIRCULAR	0.90	0.64	0.23	0.90	1	1596.09
SRM318	CIRCULAR	0.53	0.22	0.13	0.53	1	480.03
SRM318-S	CG-CG	0.30	1.49	0.24	5.71	1	3390.26
SRM319	CIRCULAR	0.30	0.07	0.07	0.30	1	142.11
SRM32	CIRCULAR	0.60	0.28	0.15	0.60	1	1307.11
SRM320	CIRCULAR	0.30	0.07	0.07	0.30	1	146.88
SRM321	CIRCULAR	0.45	0.16	0.11	0.45	1	237.17
SRM321-S	CG-CG	0.30	1.49	0.24	5.71	1	4119.01
SRM322	CIRCULAR	0.38	0.11	0.09	0.38	1	123.57
SRM322-S	CG-CG	0.30	1.49	0.24	5.71	1	3633.16
SRM323	CIRCULAR	0.38	0.11	0.09	0.38	1	98.58
SRM323-S	CG-CG	0.30	1.49	0.24	5.71	1	4916.04
SRM325	CIRCULAR	0.30	0.07	0.07	0.30	1	194.93
SRM325-S	CG-CG	0.30	1.49	0.24	5.71	1	7917.54
SRM326	CIRCULAR	0.30	0.07	0.07	0.30	1	187.97
SRM326-S	CG-CG	0.30	1.49	0.24	5.71	1	7785.86
SRM327	CIRCULAR	0.30	0.07	0.07	0.30	1	154.04
SRM327-S	CG-CG	0.30	1.49	0.24	5.71	1	9097.86
SRM328	CIRCULAR	0.30	0.07	0.07	0.30	1	69.10
SRM328-S	CG-CG	0.30	1.49	0.24	5.71	1	3951.33
SRM329	CIRCULAR	0.30	0.07	0.07	0.30	1	198.59
SRM329-S	CG-CG	0.30	1.49	0.24	5.71	1	8975.82
SRM33	CIRCULAR	0.53	0.22	0.13	0.53	1	801.60
SRM332	CIRCULAR	0.30	0.07	0.07	0.30	1	97.29
SRM332-S	CG-CG	0.30	1.49	0.24	5.71	1	3051.81
SRM334	CIRCULAR	0.30	0.07	0.07	0.30	1	74.75
SRM335	CIRCULAR	0.45	0.16	0.11	0.45	1	414.49
SRM335-S	CG-CG	0.30	1.49	0.24	5.71	1	7622.33
SRM336	CIRCULAR	0.53	0.22	0.13	0.53	1	514.59
SRM336-S	CG-CG	0.30	1.49	0.24	5.71	1	3628.04
SRM337	CIRCULAR	0.68	0.36	0.17	0.68	1	948.86
SRM337-S	CG-CG	0.30	1.49	0.24	5.71	1	5109.52
SRM338	CIRCULAR	0.60	0.28	0.15	0.60	1	386.51
SRM338-S	CG-CG	0.30	1.49	0.24	5.71	1	3307.32
SRM339	CIRCULAR	0.60	0.28	0.15	0.60	1	396.12
SRM339-S	CG-CG	0.30	1.49	0.24	5.71	1	3548.17
SRM341	CIRCULAR	0.38	0.11	0.09	0.38	1	146.89

SRM341-S	CG-CG	0.30	1.49	0.24	5.71	1	3215.95
SRM342	CIRCULAR	0.38	0.11	0.09	0.38	1	35.00
SRM342-S	CG-CG	0.30	1.49	0.24	5.71	1	3780.34
SRM343	CIRCULAR	0.30	0.07	0.07	0.30	1	138.18
SRM343-S	CG-CG	0.30	1.49	0.24	5.71	1	6287.88
SRM345	CIRCULAR	0.15	0.02	0.04	0.15	1	16.89
SRM345-S	CG-CG	0.30	1.49	0.24	5.71	1	4067.33
SRM346	CIRCULAR	0.68	0.36	0.17	0.68	1	985.87
SRM346-S	CG-CG	0.30	1.49	0.24	5.71	1	5015.36
SRM347	CIRCULAR	0.68	0.36	0.17	0.68	1	982.41
SRM347-S	CG-CG	0.30	1.49	0.24	5.71	1	5487.56
SRM349	CIRCULAR	0.60	0.28	0.15	0.60	1	503.84
SRM350	CIRCULAR	0.30	0.07	0.07	0.30	1	61.09
SRM351	CIRCULAR	0.68	0.36	0.17	0.68	1	1732.59
SRM351-S	CG-CG	0.30	1.49	0.24	5.71	1	8887.60
SRM352	CIRCULAR	0.90	0.64	0.23	0.90	1	4280.25
SRM352-S	CG-CG	0.30	1.49	0.24	5.71	1	10307.71
SRM353	CIRCULAR	0.90	0.64	0.23	0.90	1	2728.79
SRM353-S	CG-CG	0.30	1.49	0.24	5.71	1	8467.58
SRM354	CIRCULAR	0.90	0.64	0.23	0.90	1	2413.26
SRM354-S	CG-CG	0.30	1.49	0.24	5.71	1	6206.41
SRM355	CIRCULAR	1.50	1.77	0.38	1.50	1	5381.00
SRM355-S	CG-CG	0.30	1.49	0.24	5.71	1	3108.35
SRM356	CIRCULAR	1.50	1.77	0.38	1.50	1	6581.90
SRM356-S	CG-CG	0.30	1.49	0.24	5.71	1	3009.29
SRM363	CIRCULAR	0.38	0.11	0.09	0.38	1	298.98
SRM363-S	CG-CG	0.30	1.49	0.24	5.71	1	3632.22
SRM364	CIRCULAR	0.38	0.11	0.09	0.38	1	115.04
SRM364-S	CG-CG	0.30	1.49	0.24	5.71	1	3469.09
SRM366	CIRCULAR	1.05	0.87	0.26	1.05	1	3503.45
SRM366-S	CG-CG	0.30	1.49	0.24	5.71	1	5654.20
SRM368	CIRCULAR	0.53	0.22	0.13	0.53	1	578.63
SRM368-S	CG-CG	0.30	1.49	0.24	5.71	1	6985.01
SRM369	CIRCULAR	0.60	0.28	0.15	0.60	1	827.94
SRM369-S	CG-CG	0.30	1.49	0.24	5.71	1	8075.70
SRM371	CIRCULAR	1.05	0.87	0.26	1.05	1	3677.15
SRM371-S	CG-CG	0.30	1.49	0.24	5.71	1	9556.80
SRM372	CIRCULAR	1.05	0.87	0.26	1.05	1	3681.22
SRM372-S	CG-CG	0.30	1.49	0.24	5.71	1	9407.22
SRM374	CIRCULAR	0.30	0.07	0.07	0.30	1	96.01
SRM374-S	CG-CG	0.30	1.49	0.24	5.71	1	3850.07
SRM376	CIRCULAR	0.30	0.07	0.07	0.30	1	103.65
SRM376-S	CG-CG	0.30	1.49	0.24	5.71	1	4685.55
SRM377	CIRCULAR	0.45	0.16	0.11	0.45	1	166.81
SRM377-S	CG-CG	0.30	1.49	0.24	5.71	1	5760.04
SRM378	CIRCULAR	0.45	0.16	0.11	0.45	1	174.29
SRM378-S	CG-CG	0.30	1.49	0.24	5.71	1	5139.39
SRM379	CIRCULAR	0.45	0.16	0.11	0.45	1	83.11
SRM379-S	CG-CG	0.30	1.49	0.24	5.71	1	2450.53
SRM381	CIRCULAR	0.45	0.16	0.11	0.45	1	305.50
SRM381-S	CG-CG	0.30	1.49	0.24	5.71	1	4684.24
SRM382	CIRCULAR	0.30	0.07	0.07	0.30	1	18.36
SRM382-S	CG-CG	0.30	1.49	0.24	5.71	1	1596.10
SRM383	CIRCULAR	0.30	0.07	0.07	0.30	1	58.51
SRM383-S	CG-CG	0.30	1.49	0.24	5.71	1	5087.12
SRM387	CIRCULAR	0.30	0.07	0.07	0.30	1	89.32
SRM387-S	CG-CG	0.30	1.49	0.24	5.71	1	2814.74
SRM388	CIRCULAR	0.30	0.07	0.07	0.30	1	43.31
SRM388-S	CG-CG	0.30	1.49	0.24	5.71	1	3999.49
SRM390	CIRCULAR	0.75	0.44	0.19	0.75	1	560.57
SRM390-S	CG-CG	0.30	1.49	0.24	5.71	1	5287.44
SRM391	CIRCULAR	0.75	0.44	0.19	0.75	1	541.57
SRM391-S	CG-CG	0.30	1.49	0.24	5.71	1	4128.84
SRM393	CIRCULAR	0.30	0.07	0.07	0.30	1	66.72
SRM393-S	CG-CG	0.30	1.49	0.24	5.71	1	3016.31
SRM394	CIRCULAR	0.30	0.07	0.07	0.30	1	457.11
SRM394-S	CG-CG	0.30	1.49	0.24	5.71	1	2028.22
SRM395	CIRCULAR	0.90	0.64	0.23	0.90	1	1742.54
SRM395-S	CG-CG	0.30	1.49	0.24	5.71	1	3435.73
SRM396	CIRCULAR	0.90	0.64	0.23	0.90	1	1748.50
SRM396-S	CG-CG	0.30	1.49	0.24	5.71	1	2396.57
SRM3-S	CG-CG	0.30	1.49	0.24	5.71	1	6610.37
SRM4	CIRCULAR	0.30	0.07	0.07	0.30	1	92.88
SRM400	CIRCULAR	0.30	0.07	0.07	0.30	1	50.37
SRM400-S	CG-CG	0.30	1.49	0.24	5.71	1	7862.34

SRM402	CIRCULAR	0.30	0.07	0.07	0.30	1	18.32
SRM403	CIRCULAR	0.75	0.44	0.19	0.75	1	289.98
SRM405	CIRCULAR	0.30	0.07	0.07	0.30	1	29.45
SRM406	CIRCULAR	0.30	0.07	0.07	0.30	1	2.42
SRM408	CIRCULAR	0.30	0.07	0.07	0.30	1	28.10
SRM410	CIRCULAR	0.30	0.07	0.07	0.30	1	27.81
SRM411	CIRCULAR	0.30	0.07	0.07	0.30	1	27.77
SRM411-S	CG-CG	0.30	1.49	0.24	5.71	1	2572.62
SRM414	CIRCULAR	0.60	0.28	0.15	0.60	1	176.48
SRM415	CIRCULAR	0.60	0.28	0.15	0.60	1	220.54
SRM420	CIRCULAR	0.40	0.13	0.10	0.40	1	49.63
SRM420-S	CG-CG	0.30	1.49	0.24	5.71	1	1294.47
SRM422	CIRCULAR	0.30	0.07	0.07	0.30	1	145.35
SRM422-S	CG-CG	0.30	1.49	0.24	5.71	1	7270.49
SRM424	CIRCULAR	0.38	0.11	0.09	0.38	1	273.97
SRM426	CIRCULAR	0.75	0.44	0.19	0.75	1	1093.99
SRM426-S	CG-CG	0.30	1.49	0.24	5.71	1	5859.12
SRM427	CIRCULAR	0.75	0.44	0.19	0.75	1	1355.47
SRM427-S	CG-CG	0.30	1.49	0.24	5.71	1	6132.63
SRM428	CIRCULAR	0.60	0.28	0.15	0.60	1	395.62
SRM428-S	CG-CG	0.30	1.49	0.24	5.71	1	5888.39
SRM429	CIRCULAR	0.30	0.07	0.07	0.30	1	98.16
SRM429-S	CG-CG	0.30	1.49	0.24	5.71	1	5034.88
SRM430	CIRCULAR	0.75	0.44	0.19	0.75	1	649.85
SRM430-S	CG-CG	0.30	1.49	0.24	5.71	1	6266.63
SRM431	CIRCULAR	0.30	0.07	0.07	0.30	1	212.04
SRM431-S	CG-CG	0.30	1.49	0.24	5.71	1	9249.30
SRM432	CIRCULAR	0.75	0.44	0.19	0.75	1	731.81
SRM432-S	CG-CG	0.30	1.49	0.24	5.71	1	3896.16
SRM433	CIRCULAR	0.75	0.44	0.19	0.75	1	707.68
SRM433-S	CG-CG	0.30	1.49	0.24	5.71	1	6154.72
SRM434	CIRCULAR	0.38	0.11	0.09	0.38	1	241.26
SRM434-S	CG-CG	0.30	1.49	0.24	5.71	1	6706.47
SRM435	CIRCULAR	0.45	0.16	0.11	0.45	1	614.92
SRM435-S	CG-CG	0.30	1.49	0.24	5.71	1	8968.69
SRM436	CIRCULAR	0.38	0.11	0.09	0.38	1	221.34
SRM437	CIRCULAR	0.45	0.16	0.11	0.45	1	263.19
SRM438	CIRCULAR	0.53	0.22	0.13	0.53	1	558.05
SRM438-S	CG-CG	0.30	1.49	0.24	5.71	1	5725.22
SRM439	CIRCULAR	0.60	0.28	0.15	0.60	1	636.41
SRM439-S	CG-CG	0.30	1.49	0.24	5.71	1	3494.36
SRM440	CIRCULAR	0.75	0.44	0.19	0.75	1	587.72
SRM440-S	CG-CG	0.30	1.49	0.24	5.71	1	2659.65
SRM441	CIRCULAR	0.30	0.07	0.07	0.30	1	130.57
SRM441-S	CG-CG	0.30	1.49	0.24	5.71	1	6154.17
SRM442	CIRCULAR	0.45	0.16	0.11	0.45	1	203.39
SRM442-S	CG-CG	0.30	1.49	0.24	5.71	1	3711.98
SRM445	CIRCULAR	0.45	0.16	0.11	0.45	1	176.19
SRM445-S	CG-CG	0.30	1.49	0.24	5.71	1	2817.49
SRM448	CIRCULAR	0.60	0.28	0.15	0.60	1	1036.88
SRM448-S	CG-CG	0.30	1.49	0.24	5.71	1	7202.49
SRM449	CIRCULAR	0.60	0.28	0.15	0.60	1	515.88
SRM449-S	CG-CG	0.30	1.49	0.24	5.71	1	1817.60
SRM450	CIRCULAR	0.53	0.22	0.13	0.53	1	372.73
SRM450-S	CG-CG	0.30	1.49	0.24	5.71	1	761.83
SRM451	CIRCULAR	0.60	0.28	0.15	0.60	1	422.52
SRM451-S	CG-CG	0.30	1.49	0.24	5.71	1	5085.08
SRM452	CIRCULAR	0.30	0.07	0.07	0.30	1	70.00
SRM452-S	CG-CG	0.30	1.49	0.24	5.71	1	1572.50
SRM453	CIRCULAR	0.60	0.28	0.15	0.60	1	256.36
SRM453-S	CG-CG	0.30	1.49	0.24	5.71	1	757.87
SRM454	CIRCULAR	0.30	0.07	0.07	0.30	1	63.59
SRM454-S	AC-AC	0.15	0.66	0.11	5.95	1	235.90
SRM455	CIRCULAR	0.38	0.11	0.09	0.38	1	104.82
SRM455-S	CG-CG	0.30	1.49	0.24	5.71	1	3388.85
SRM456	CIRCULAR	0.38	0.11	0.09	0.38	1	96.25
SRM456-S	AC-AC	0.15	0.66	0.11	5.95	1	352.74
SRM457	CIRCULAR	0.30	0.07	0.07	0.30	1	58.46
SRM458	CIRCULAR	0.38	0.11	0.09	0.38	1	92.29
SRM459	CIRCULAR	0.53	0.22	0.13	0.53	1	419.29
SRM459-S	CG-CG	0.30	1.49	0.24	5.71	1	3925.08
SRM46	CIRCULAR	0.45	0.16	0.11	0.45	1	159.12
SRM460	CIRCULAR	0.53	0.22	0.13	0.53	1	398.47
SRM460-S	CG-CG	0.30	1.49	0.24	5.71	1	3464.75
SRM461	CIRCULAR	0.30	0.07	0.07	0.30	1	47.29

SRM461-S	CG-CG	0.30	1.49	0.24	5.71	1	3642.84
SRM462	CIRCULAR	0.68	0.36	0.17	0.68	1	513.56
SRM462-S	CG-CG	0.30	1.49	0.24	5.71	1	3192.29
SRM463	CIRCULAR	0.38	0.11	0.09	0.38	1	120.97
SRM463-S	CG-CG	0.30	1.49	0.24	5.71	1	3346.29
SRM464	CIRCULAR	0.68	0.36	0.17	0.68	1	616.78
SRM464-S	CG-CG	0.30	1.49	0.24	5.71	1	3168.30
SRM465	CIRCULAR	0.68	0.36	0.17	0.68	1	516.00
SRM465-S	CG-CG	0.30	1.49	0.24	5.71	1	3257.71
SRM466	CIRCULAR	0.68	0.36	0.17	0.68	1	578.57
SRM466-S	CG-CG	0.30	1.49	0.24	5.71	1	4027.24
SRM467	CIRCULAR	0.20	0.03	0.05	0.20	1	25.22
SRM467-S	CG-CG	0.30	1.49	0.24	5.71	1	4345.15
SRM468	CIRCULAR	0.30	0.07	0.07	0.30	1	47.44
SRM469	CIRCULAR	0.53	0.22	0.13	0.53	1	452.31
SRM469-S	CG-CG	0.30	1.49	0.24	5.71	1	3193.86
SRM47	CIRCULAR	0.38	0.11	0.09	0.38	1	96.67
SRM470	CIRCULAR	0.53	0.22	0.13	0.53	1	471.13
SRM470-S	CG-CG	0.30	1.49	0.24	5.71	1	3589.47
SRM471	CIRCULAR	0.20	0.03	0.05	0.20	1	23.22
SRM471-S	CG-CG	0.30	1.49	0.24	5.71	1	3836.93
SRM472	CIRCULAR	0.30	0.07	0.07	0.30	1	47.39
SRM473	CIRCULAR	0.75	0.44	0.19	0.75	1	855.85
SRM473-S	CG-CG	0.30	1.49	0.24	5.71	1	791.39
SRM474	CIRCULAR	0.53	0.22	0.13	0.53	1	369.10
SRM474-S	CG-CG	0.30	1.49	0.24	5.71	1	3391.69
SRM475	CIRCULAR	0.75	0.44	0.19	0.75	1	806.80
SRM475-S	CG-CG	0.30	1.49	0.24	5.71	1	3281.42
SRM476	CIRCULAR	0.20	0.03	0.05	0.20	1	23.28
SRM476-S	CG-CG	0.30	1.49	0.24	5.71	1	3325.71
SRM477	CIRCULAR	0.30	0.07	0.07	0.30	1	66.11
SRM477-S	CG-CG	0.30	1.49	0.24	5.71	1	3657.89
SRM478	CIRCULAR	0.90	0.64	0.23	0.90	1	995.18
SRM478-S	CG-CG	0.30	1.49	0.24	5.71	1	3141.53
SRM479	CIRCULAR	0.75	0.44	0.19	0.75	1	384.90
SRM479-S	CG-CG	0.30	1.49	0.24	5.71	1	5007.40
SRM48	CIRCULAR	0.38	0.11	0.09	0.38	1	151.33
SRM480	CIRCULAR	0.30	0.07	0.07	0.30	1	54.55
SRM480-S	CG-CG	0.30	1.49	0.24	5.71	1	2076.48
SRM481	CIRCULAR	0.90	0.64	0.23	0.90	1	988.80
SRM481-S	CG-CG	0.30	1.49	0.24	5.71	1	2395.79
SRM482	CIRCULAR	0.20	0.03	0.05	0.20	1	23.22
SRM482-S	CG-CG	0.30	1.49	0.24	5.71	1	4085.84
SRM483	CIRCULAR	0.53	0.22	0.13	0.53	1	483.35
SRM483-S	CG-CG	0.30	1.49	0.24	5.71	1	6246.56
SRM484	CIRCULAR	0.30	0.07	0.07	0.30	1	71.27
SRM484-S	CG-CG	0.30	1.49	0.24	5.71	1	4052.59
SRM485	CIRCULAR	0.30	0.07	0.07	0.30	1	73.04
SRM485-S	CG-CG	0.30	1.49	0.24	5.71	1	3971.68
SRM486	CIRCULAR	0.20	0.03	0.05	0.20	1	46.36
SRM486-S	CG-CG	0.30	1.49	0.24	5.71	1	5921.87
SRM487	CIRCULAR	0.30	0.07	0.07	0.30	1	76.81
SRM487-S	CG-CG	0.30	1.49	0.24	5.71	1	4100.10
SRM488	CIRCULAR	0.38	0.11	0.09	0.38	1	102.18
SRM488-S	CG-CG	0.30	1.49	0.24	5.71	1	3271.09
SRM489	CIRCULAR	0.20	0.03	0.05	0.20	1	23.26
SRM489-S	CG-CG	0.30	1.49	0.24	5.71	1	4635.77
SRM49	CIRCULAR	0.53	0.22	0.13	0.53	1	213.90
SRM490	CIRCULAR	0.30	0.07	0.07	0.30	1	71.11
SRM490-S	CG-CG	0.30	1.49	0.24	5.71	1	3368.64
SRM491	CIRCULAR	0.45	0.16	0.11	0.45	1	133.52
SRM491-S	CG-CG	0.30	1.49	0.24	5.71	1	1621.87
SRM492	CIRCULAR	0.45	0.16	0.11	0.45	1	134.02
SRM492-S	CG-CG	0.30	1.49	0.24	5.71	1	3651.72
SRM493	CIRCULAR	0.45	0.16	0.11	0.45	1	145.83
SRM493-S	CG-CG	0.30	1.49	0.24	5.71	1	3080.36
SRM494	CIRCULAR	0.45	0.16	0.11	0.45	1	170.23
SRM494-S	CG-CG	0.30	1.49	0.24	5.71	1	2918.25
SRM495	CIRCULAR	0.53	0.22	0.13	0.53	1	358.89
SRM495-S	CG-CG	0.30	1.49	0.24	5.71	1	4065.13
SRM496	CIRCULAR	0.53	0.22	0.13	0.53	1	456.46
SRM496-S	CG-CG	0.30	1.49	0.24	5.71	1	4230.24
SRM497	CIRCULAR	0.53	0.22	0.13	0.53	1	314.07
SRM497-S	CG-CG	0.30	1.49	0.24	5.71	1	4354.58
SRM498	CIRCULAR	0.30	0.07	0.07	0.30	1	47.69

SRM498-S	CG-CG	0.30	1.49	0.24	5.71	1	2826.45
SRM499	CIRCULAR	0.20	0.03	0.05	0.20	1	23.17
SRM499-S	CG-CG	0.30	1.49	0.24	5.71	1	4241.97
SRM4-S	CG-CG	0.30	1.49	0.24	5.71	1	6399.62
SRM5	CIRCULAR	0.30	0.07	0.07	0.30	1	49.38
SRM50	CIRCULAR	0.38	0.11	0.09	0.38	1	118.76
SRM500	CIRCULAR	0.20	0.03	0.05	0.20	1	44.31
SRM500-S	CG-CG	0.30	1.49	0.24	5.71	1	5753.31
SRM501	CIRCULAR	0.30	0.07	0.07	0.30	1	45.08
SRM501-S	CG-CG	0.30	1.49	0.24	5.71	1	1954.60
SRM502	CIRCULAR	0.30	0.07	0.07	0.30	1	137.94
SRM502-S	CG-CG	0.30	1.49	0.24	5.71	1	7324.96
SRM503	CIRCULAR	0.20	0.03	0.05	0.20	1	21.85
SRM503-S	CG-CG	0.30	1.49	0.24	5.71	1	3899.01
SRM504	CIRCULAR	0.38	0.11	0.09	0.38	1	269.32
SRM504-S	CG-CG	0.30	1.49	0.24	5.71	1	6675.83
SRM505	CIRCULAR	0.30	0.07	0.07	0.30	1	30.60
SRM505-S	CG-CG	0.30	1.49	0.24	5.71	1	4219.13
SRM506	CIRCULAR	0.20	0.03	0.05	0.20	1	24.51
SRM506-S	CG-CG	0.30	1.49	0.24	5.71	1	4771.76
SRM507	CIRCULAR	0.30	0.07	0.07	0.30	1	103.33
SRM507-S	CG-CG	0.30	1.49	0.24	5.71	1	4554.15
SRM509	CIRCULAR	0.75	0.44	0.19	0.75	1	587.49
SRM509-S	CG-CG	0.30	1.49	0.24	5.71	1	3212.31
SRM51	CIRCULAR	0.30	0.07	0.07	0.30	1	79.65
SRM510	CIRCULAR	0.30	0.07	0.07	0.30	1	154.02
SRM510-S	CG-CG	0.30	1.49	0.24	5.71	1	6777.78
SRM511	CIRCULAR	0.20	0.03	0.05	0.20	1	46.82
SRM511-S	CG-CG	0.30	1.49	0.24	5.71	1	6433.86
SRM512	CIRCULAR	0.20	0.03	0.05	0.20	1	24.21
SRM512-S	CG-CG	0.30	1.49	0.24	5.71	1	4386.78
SRM513	CIRCULAR	0.30	0.07	0.07	0.30	1	205.77
SRM513-S	CG-CG	0.30	1.49	0.24	5.71	1	9331.78
SRM514	CIRCULAR	0.30	0.07	0.07	0.30	1	98.15
SRM514-S	CG-CG	0.30	1.49	0.24	5.71	1	7429.70
SRM515	CIRCULAR	0.30	0.07	0.07	0.30	1	162.37
SRM515-S	CG-CG	0.30	1.49	0.24	5.71	1	7650.10
SRM516	CIRCULAR	0.45	0.16	0.11	0.45	1	158.41
SRM516-S	CG-CG	0.30	1.49	0.24	5.71	1	4421.60
SRM517	CIRCULAR	0.38	0.11	0.09	0.38	1	270.85
SRM517-S	CG-CG	0.30	1.49	0.24	5.71	1	5874.82
SRM518	CIRCULAR	0.45	0.16	0.11	0.45	1	392.60
SRM518-S	CG-CG	0.30	1.49	0.24	5.71	1	4167.51
SRM519	CIRCULAR	0.38	0.11	0.09	0.38	1	132.01
SRM519-S	CG-CG	0.30	1.49	0.24	5.71	1	1913.40
SRM51-S	CG-CG	0.30	1.49	0.24	5.71	1	3882.32
SRM52	CIRCULAR	0.38	0.11	0.09	0.38	1	96.57
SRM520	CIRCULAR	0.45	0.16	0.11	0.45	1	135.02
SRM520-S	CG-CG	0.30	1.49	0.24	5.71	1	2796.25
SRM521	CIRCULAR	0.30	0.07	0.07	0.30	1	162.11
SRM522	CIRCULAR	0.45	0.16	0.11	0.45	1	371.62
SRM523	CIRCULAR	0.30	0.07	0.07	0.30	1	168.69
SRM523-S	CG-CG	0.30	1.49	0.24	5.71	1	7269.54
SRM524	CIRCULAR	0.90	0.64	0.23	0.90	1	1068.91
SRM524-S	CG-CG	0.30	1.49	0.24	5.71	1	5442.03
SRM525_2	CIRCULAR	1.05	0.87	0.26	1.05	1	1202.57
SRM526	CIRCULAR	1.05	0.87	0.26	1.05	1	863.05
SRM527	CIRCULAR	1.05	0.87	0.26	1.05	1	863.54
SRM527-S	CG-CG	0.30	1.49	0.24	5.71	1	2141.66
SRM528	CIRCULAR	1.05	0.87	0.26	1.05	1	864.93
SRM528-S	CG-CG	0.30	1.49	0.24	5.71	1	2365.98
SRM529	CIRCULAR	1.05	0.87	0.26	1.05	1	879.69
SRM529-S	CG-CG	0.30	1.49	0.24	5.71	1	137.44
SRM53	CIRCULAR	0.30	0.07	0.07	0.30	1	38.11
SRM530	CIRCULAR	1.50	1.77	0.38	1.50	1	4016.33
SRM530-S	CG-CG	0.30	1.49	0.24	5.71	1	5355.57
SRM532	CIRCULAR	0.30	0.07	0.07	0.30	1	56.87
SRM533	CIRCULAR	1.05	0.87	0.26	1.05	1	1365.38
SRM535	CIRCULAR	0.38	0.11	0.09	0.38	1	169.99
SRM535-S	CG-CG	0.30	1.49	0.24	5.71	1	4004.87
SRM536	CIRCULAR	0.38	0.11	0.09	0.38	1	281.58
SRM537	CIRCULAR	0.30	0.07	0.07	0.30	1	87.43
SRM538	CIRCULAR	1.05	0.87	0.26	1.05	1	3724.72
SRM54	CIRCULAR	0.38	0.11	0.09	0.38	1	87.01
SRM540	CIRCULAR	0.38	0.11	0.09	0.38	1	87.61

SRM541	CIRCULAR	0.38	0.11	0.09	0.38	1	87.72
SRM542	CIRCULAR	0.45	0.16	0.11	0.45	1	127.70
SRM542-S	CG-CG	0.30	1.49	0.24	5.71	1	887.56
SRM544	CIRCULAR	0.30	0.07	0.07	0.30	1	66.29
SRM548	CIRCULAR	0.53	0.22	0.13	0.53	1	299.80
SRM548-S	CG-CG	0.30	1.49	0.24	5.71	1	769.93
SRM549	CIRCULAR	0.45	0.16	0.11	0.45	1	199.73
SRM549-S	CG-CG	0.30	1.49	0.24	5.71	1	2637.94
SRM54-S	AC-AC	0.15	0.66	0.11	5.95	1	599.59
SRM55	CIRCULAR	1.50	1.77	0.38	1.50	1	5631.89
SRM550	CIRCULAR	0.30	0.07	0.07	0.30	1	88.84
SRM551	CIRCULAR	0.30	0.07	0.07	0.30	1	125.00
SRM552	CIRCULAR	0.30	0.07	0.07	0.30	1	64.24
SRM553	CIRCULAR	0.38	0.11	0.09	0.38	1	124.89
SRM555	CIRCULAR	0.30	0.07	0.07	0.30	1	60.70
SRM556	CIRCULAR	0.20	0.03	0.05	0.20	1	23.13
SRM556-S	CG-CG	0.30	1.49	0.24	5.71	1	5042.13
SRM557	CIRCULAR	0.53	0.22	0.13	0.53	1	425.97
SRM557-S	CG-CG	0.30	1.49	0.24	5.71	1	3580.40
SRM55-S	CG-CG	0.30	1.49	0.24	5.71	1	2422.52
SRM561	CIRCULAR	0.30	0.07	0.07	0.30	1	4.90
SRM562	CIRCULAR	0.30	0.07	0.07	0.30	1	47.17
SRM562-S	CG-CG	0.30	1.49	0.24	5.71	1	6743.79
SRM563	CIRCULAR	0.20	0.03	0.05	0.20	1	23.12
SRM563-S	CG-CG	0.30	1.49	0.24	5.71	1	4477.56
SRM565	CIRCULAR	0.30	0.07	0.07	0.30	1	143.53
SRM565-S	CG-CG	0.30	1.49	0.24	5.71	1	2304.57
SRM566	CIRCULAR	1.05	0.87	0.26	1.05	1	3606.26
SRM567	CIRCULAR	0.45	0.16	0.11	0.45	1	134.90
SRM567-S	CG-CG	0.30	1.49	0.24	5.71	1	1194.24
SRM568	CIRCULAR	0.45	0.16	0.11	0.45	1	118.91
SRM568-S	CG-CG	0.30	1.49	0.24	5.71	1	3792.92
SRM569	CIRCULAR	0.50	0.20	0.12	0.50	1	144.94
SRM569-S	CG-CG	0.30	1.49	0.24	5.71	1	565.67
SRM57	CIRCULAR	0.38	0.11	0.09	0.38	1	110.91
SRM573	CIRCULAR	0.75	0.44	0.19	0.75	1	647.32
SRM573-S	CG-CG	0.30	1.49	0.24	5.71	1	4504.32
SRM574	CIRCULAR	0.75	0.44	0.19	0.75	1	342.61
SRM574-S	CG-CG	0.30	1.49	0.24	5.71	1	1290.09
SRM575	CIRCULAR	0.75	0.44	0.19	0.75	1	321.18
SRM575-S	CG-CG	0.30	1.49	0.24	5.71	1	1589.76
SRM578	CIRCULAR	0.75	0.44	0.19	0.75	1	510.44
SRM578-S	CG-CG	0.30	1.49	0.24	5.71	1	2542.26
SRM579	CIRCULAR	0.75	0.44	0.19	0.75	1	433.43
SRM579-S	CG-CG	0.30	1.49	0.24	5.71	1	1621.96
SRM57-S	CG-CG	0.30	1.49	0.24	5.71	1	4165.26
SRM58	CIRCULAR	0.60	0.28	0.15	0.60	1	515.53
SRM580	CIRCULAR	0.75	0.44	0.19	0.75	1	367.80
SRM580-S	CG-CG	0.30	1.49	0.24	5.71	1	2350.29
SRM581	CIRCULAR	0.75	0.44	0.19	0.75	1	481.48
SRM581-S	CG-CG	0.30	1.49	0.24	5.71	1	2192.55
SRM582	CIRCULAR	0.75	0.44	0.19	0.75	1	480.65
SRM582-S	CG-CG	0.30	1.49	0.24	5.71	1	1847.25
SRM584	CIRCULAR	0.75	0.44	0.19	0.75	1	375.71
SRM584-S	CG-CG	0.30	1.49	0.24	5.71	1	2765.71
SRM585	CIRCULAR	0.75	0.44	0.19	0.75	1	255.55
SRM585-S	CG-CG	0.30	1.49	0.24	5.71	1	1532.87
SRM586	CIRCULAR	0.75	0.44	0.19	0.75	1	545.78
SRM586-S	CG-CG	0.30	1.49	0.24	5.71	1	1310.21
SRM587	CIRCULAR	0.75	0.44	0.19	0.75	1	464.55
SRM587-S	CG-CG	0.30	1.49	0.24	5.71	1	789.89
SRM588	CIRCULAR	0.60	0.28	0.15	0.60	1	4724.55
SRM589	CIRCULAR	0.75	0.44	0.19	0.75	1	194.62
SRM589-S	CG-CG	0.30	1.49	0.24	5.71	1	1323.71
SRM58-S	CG-CG	0.30	1.49	0.24	5.71	1	4052.71
SRM59	CIRCULAR	0.45	0.16	0.11	0.45	1	270.56
SRM590	CIRCULAR	0.75	0.44	0.19	0.75	1	468.59
SRM590-S	CG-CG	0.30	1.49	0.24	5.71	1	1172.80
SRM591	CIRCULAR	0.75	0.44	0.19	0.75	1	323.55
SRM591-S	CG-CG	0.30	1.49	0.24	5.71	1	844.53
SRM592	CIRCULAR	0.75	0.44	0.19	0.75	1	384.62
SRM592-S	CG-CG	0.30	1.49	0.24	5.71	1	1835.00
SRM593	CIRCULAR	0.30	0.07	0.07	0.30	1	816.33
SRM593-S	CG-CG	0.30	1.49	0.24	5.71	1	6433.19
SRM594	CIRCULAR	0.60	0.28	0.15	0.60	1	223.31

SRM595	CIRCULAR	0.30	0.07	0.07	0.30	1	48.22
SRM596	CIRCULAR	0.30	0.07	0.07	0.30	1	103.50
SRM596-S	CG-CG	0.30	1.49	0.24	5.71	1	545.58
SRM597	CIRCULAR	0.75	0.44	0.19	0.75	1	321.94
SRM597-S	CG-CG	0.30	1.49	0.24	5.71	1	2654.56
SRM598	CIRCULAR	0.75	0.44	0.19	0.75	1	355.52
SRM598-S	CG-CG	0.30	1.49	0.24	5.71	1	2833.66
SRM599	CIRCULAR	0.75	0.44	0.19	0.75	1	364.97
SRM599-S	CG-CG	0.30	1.49	0.24	5.71	1	176.92
SRM59-S	CG-CG	0.30	1.49	0.24	5.71	1	4913.64
SRM5-S	CG-CG	0.30	1.49	0.24	5.71	1	4507.27
SRM6	CIRCULAR	0.30	0.07	0.07	0.30	1	43.64
SRM60	CIRCULAR	0.53	0.22	0.13	0.53	1	432.31
SRM600	CIRCULAR	0.75	0.44	0.19	0.75	1	289.49
SRM602	CIRCULAR	0.75	0.44	0.19	0.75	1	446.99
SRM602-S	CG-CG	0.30	1.49	0.24	5.71	1	2866.27
SRM603	CIRCULAR	0.75	0.44	0.19	0.75	1	338.98
SRM603-S	CG-CG	0.30	1.49	0.24	5.71	1	1959.34
SRM604	CIRCULAR	0.75	0.44	0.19	0.75	1	571.52
SRM604-S	CG-CG	0.30	1.49	0.24	5.71	1	5652.51
SRM605	CIRCULAR	0.75	0.44	0.19	0.75	1	581.19
SRM605-S	CG-CG	0.30	1.49	0.24	5.71	1	4599.54
SRM606	CIRCULAR	0.75	0.44	0.19	0.75	1	606.21
SRM606-S	CG-CG	0.30	1.49	0.24	5.71	1	2509.21
SRM607	CIRCULAR	1.05	0.87	0.26	1.05	1	952.41
SRM60-S	CG-CG	0.30	1.49	0.24	5.71	1	3409.35
SRM61	CIRCULAR	0.30	0.07	0.07	0.30	1	151.66
SRM610	CIRCULAR	0.38	0.11	0.09	0.38	1	155.26
SRM610-S	CG-CG	0.30	1.49	0.24	5.71	1	3695.87
SRM612	CIRCULAR	0.30	0.07	0.07	0.30	1	118.46
SRM612-S	CG-CG	0.30	1.49	0.24	5.71	1	6610.96
SRM613	CIRCULAR	0.30	0.07	0.07	0.30	1	126.52
SRM613-S	CG-CG	0.30	1.49	0.24	5.71	1	8088.21
SRM614	CIRCULAR	0.30	0.07	0.07	0.30	1	122.46
SRM614-S	CG-CG	0.30	1.49	0.24	5.71	1	6701.87
SRM615	CIRCULAR	0.30	0.07	0.07	0.30	1	110.24
SRM615-S	AC-AC	0.15	0.66	0.11	5.95	1	659.97
SRM616	CIRCULAR	0.30	0.07	0.07	0.30	1	125.33
SRM616-S	CG-CG	0.30	1.49	0.24	5.71	1	5959.23
SRM617	CIRCULAR	0.30	0.07	0.07	0.30	1	54.33
SRM617-S	CG-CG	0.30	1.49	0.24	5.71	1	7935.97
SRM618	CIRCULAR	0.20	0.03	0.05	0.20	1	34.38
SRM618-S	CG-CG	0.30	1.49	0.24	5.71	1	4918.33
SRM619	CIRCULAR	0.38	0.11	0.09	0.38	1	112.73
SRM61-S	CG-CG	0.30	1.49	0.24	5.71	1	5838.71
SRM620	CIRCULAR	0.38	0.11	0.09	0.38	1	176.70
SRM620-S	CG-CG	0.30	1.49	0.24	5.71	1	4734.12
SRM621	CIRCULAR	0.38	0.11	0.09	0.38	1	225.18
SRM621-S	CG-CG	0.30	1.49	0.24	5.71	1	4526.43
SRM622	CIRCULAR	0.38	0.11	0.09	0.38	1	120.59
SRM622-S	CG-CG	0.30	1.49	0.24	5.71	1	3506.61
SRM623	CIRCULAR	0.45	0.16	0.11	0.45	1	262.24
SRM623-S	CG-CG	0.30	1.49	0.24	5.71	1	4559.35
SRM624	CIRCULAR	0.45	0.16	0.11	0.45	1	303.75
SRM624-S	CG-CG	0.30	1.49	0.24	5.71	1	3204.40
SRM625	CIRCULAR	0.45	0.16	0.11	0.45	1	241.95
SRM626	CIRCULAR	0.45	0.16	0.11	0.45	1	461.72
SRM626-S	CG-CG	0.30	1.49	0.24	5.71	1	7649.97
SRM627	CIRCULAR	0.45	0.16	0.11	0.45	1	465.23
SRM627-S	CG-CG	0.30	1.49	0.24	5.71	1	9928.16
SRM628	CIRCULAR	0.60	0.28	0.15	0.60	1	613.87
SRM628-S	CG-CG	0.30	1.49	0.24	5.71	1	4406.29
SRM629	CIRCULAR	0.60	0.28	0.15	0.60	1	583.03
SRM629-S	CG-CG	0.30	1.49	0.24	5.71	1	4405.51
SRM63	CIRCULAR	0.30	0.07	0.07	0.30	1	116.12
SRM630	CIRCULAR	0.60	0.28	0.15	0.60	1	794.94
SRM630-S	CG-CG	0.30	1.49	0.24	5.71	1	5992.36
SRM631	CIRCULAR	0.38	0.11	0.09	0.38	1	245.32
SRM631-S	CG-CG	0.30	1.49	0.24	5.71	1	9322.82
SRM632	CIRCULAR	0.38	0.11	0.09	0.38	1	191.73
SRM632-S	CG-CG	0.30	1.49	0.24	5.71	1	7901.15
SRM633	CIRCULAR	0.20	0.03	0.05	0.20	1	38.76
SRM633-S	CG-CG	0.30	1.49	0.24	5.71	1	15540.54
SRM634	CIRCULAR	0.53	0.22	0.13	0.53	1	825.55
SRM635	CIRCULAR	0.68	0.36	0.17	0.68	1	555.43

SRM63-S	CG-CG	0.30	1.49	0.24	5.71	1	4421.80
SRM64	CIRCULAR	0.45	0.16	0.11	0.45	1	216.14
SRM640	CIRCULAR	0.45	0.16	0.11	0.45	1	268.52
SRM641	CIRCULAR	0.90	0.64	0.23	0.90	1	1677.49
SRM641-S	CG-CG	0.30	1.49	0.24	5.71	1	8639.60
SRM642	CIRCULAR	0.45	0.16	0.11	0.45	1	215.73
SRM643	CIRCULAR	0.45	0.16	0.11	0.45	1	327.78
SRM643-S	CG-CG	0.30	1.49	0.24	5.71	1	4526.15
SRM646	CIRCULAR	0.60	0.28	0.15	0.60	1	796.20
SRM646-S	CG-CG	0.30	1.49	0.24	5.71	1	7131.99
SRM64-S	RECT_OPEN	0.30	0.30	0.19	1.00	1	2082.85
SRM65	CIRCULAR	0.45	0.16	0.11	0.45	1	278.20
SRM650	CIRCULAR	0.38	0.11	0.09	0.38	1	94.21
SRM655	CIRCULAR	0.60	0.28	0.15	0.60	1	440.92
SRM655-S	CG-CG	0.30	1.49	0.24	5.71	1	3488.22
SRM656	CIRCULAR	0.20	0.03	0.05	0.20	1	24.69
SRM656-S	CG-CG	0.30	1.49	0.24	5.71	1	4892.41
SRM658	CIRCULAR	0.60	0.28	0.15	0.60	1	368.52
SRM658-S	CG-CG	0.30	1.49	0.24	5.71	1	4464.21
SRM65-S	CG-CG	0.30	1.49	0.24	5.71	1	6558.77
SRM66	CIRCULAR	1.05	0.87	0.26	1.05	1	3395.34
SRM661	CIRCULAR	0.45	0.16	0.11	0.45	1	130.16
SRM661-S	CG-CG	0.30	1.49	0.24	5.71	1	4619.31
SRM662	CIRCULAR	0.60	0.28	0.15	0.60	1	388.34
SRM662-S	CG-CG	0.30	1.49	0.24	5.71	1	3289.04
SRM666	CIRCULAR	0.60	0.28	0.15	0.60	1	709.03
SRM666-S	CG-CG	0.30	1.49	0.24	5.71	1	19307.07
SRM668	CIRCULAR	0.30	0.07	0.07	0.30	1	67.77
SRM668-S	CG-CG	0.30	1.49	0.24	5.71	1	2740.33
SRM67	CIRCULAR	1.05	0.87	0.26	1.05	1	3216.18
SRM68	CIRCULAR	0.45	0.16	0.11	0.45	1	76.66
SRM680	CIRCULAR	1.05	0.87	0.26	1.05	1	2786.62
SRM680-S	CG-CG	0.30	1.49	0.24	5.71	1	1266.25
SRM681	CIRCULAR	1.05	0.87	0.26	1.05	1	2771.98
SRM681-S	CG-CG	0.30	1.49	0.24	5.71	1	3145.66
SRM682	CIRCULAR	1.05	0.87	0.26	1.05	1	2794.98
SRM682-S	CG-CG	0.30	1.49	0.24	5.71	1	4647.93
SRM683	CIRCULAR	1.05	0.87	0.26	1.05	1	2778.80
SRM683-S	CG-CG	0.30	1.49	0.24	5.71	1	4040.57
SRM684	CIRCULAR	1.05	0.87	0.26	1.05	1	2785.13
SRM684-S	CG-CG	0.30	1.49	0.24	5.71	1	3881.35
SRM685	CIRCULAR	0.90	0.64	0.23	0.90	1	1849.90
SRM687	CIRCULAR	0.90	0.64	0.23	0.90	1	1847.60
SRM688	CIRCULAR	0.75	0.44	0.19	0.75	1	1138.64
SRM689	CIRCULAR	1.50	1.77	0.38	1.50	1	6251.09
SRM689-S	CG-CG	0.30	1.49	0.24	5.71	1	6578.38
SRM69	CIRCULAR	0.45	0.16	0.11	0.45	1	139.70
SRM691	CIRCULAR	0.53	0.22	0.13	0.53	1	1004.36
SRM691-S	CG-CG	0.30	1.49	0.24	5.71	1	8677.31
SRM693	CIRCULAR	0.45	0.16	0.11	0.45	1	558.99
SRM694	CIRCULAR	0.45	0.16	0.11	0.45	1	756.59
SRM696	CIRCULAR	0.25	0.05	0.06	0.25	1	36.83
SRM696-S	CG-CG	0.30	1.49	0.24	5.71	1	2494.84
SRM698	CIRCULAR	0.38	0.11	0.09	0.38	1	483.94
SRM699	CIRCULAR	0.38	0.11	0.09	0.38	1	334.26
SRM7	CIRCULAR	0.30	0.07	0.07	0.30	1	42.69
SRM70	CIRCULAR	0.45	0.16	0.11	0.45	1	247.26
SRM700	CIRCULAR	0.53	0.22	0.13	0.53	1	998.36
SRM700-S	CG-CG	0.30	1.49	0.24	5.71	1	10194.54
SRM701	CIRCULAR	0.60	0.28	0.15	0.60	1	1425.57
SRM701-S	CG-CG	0.30	1.49	0.24	5.71	1	8647.29
SRM702	CIRCULAR	0.38	0.11	0.09	0.38	1	583.51
SRM703	CIRCULAR	0.75	0.44	0.19	0.75	1	1748.06
SRM703-S	CG-CG	0.30	1.49	0.24	5.71	1	9152.91
SRM71	CIRCULAR	0.45	0.16	0.11	0.45	1	189.97
SRM71-S	CG-CG	0.30	1.49	0.24	5.71	1	2482.75
SRM723	CIRCULAR	0.30	0.07	0.07	0.30	1	37.95
SRM723-S	CG-CG	0.30	1.49	0.24	5.71	1	4033.87
SRM724	CIRCULAR	1.35	1.43	0.34	1.35	1	4629.44
SRM724-S	CG-CG	0.30	1.49	0.24	5.71	1	3336.10
SRM725_ADD	CIRCULAR	0.38	0.11	0.09	0.38	1	81.41
SRM725-S_ADD	CG-CG	0.30	1.49	0.24	5.71	1	12919.91
SRM726	CIRCULAR	0.38	0.11	0.09	0.38	1	77.75
SRM726_ADD	CIRCULAR	0.38	0.11	0.09	0.38	1	77.75
SRM726-S	CG-CG	0.30	1.49	0.24	5.71	1	3728.02

SRM726-S_ADD	CG-CG	0.30	1.49	0.24	5.71	1	3728.02
SRM727	CIRCULAR	0.38	0.11	0.09	0.38	1	142.57
SRM727_ADD	CIRCULAR	0.38	0.11	0.09	0.38	1	142.57
SRM728	CIRCULAR	0.38	0.11	0.09	0.38	1	4.09
SRM728_ADD	CIRCULAR	0.38	0.11	0.09	0.38	1	4.09
SRM728-S	CG-CG	0.30	1.49	0.24	5.71	1	2326.91
SRM728-S_ADD	CG-CG	0.30	1.49	0.24	5.71	1	2326.91
SRM73	CIRCULAR	0.68	0.36	0.17	0.68	1	283.05
SRM730	CIRCULAR	0.38	0.11	0.09	0.38	1	158.03
SRM730_ADD	CIRCULAR	0.38	0.11	0.09	0.38	1	158.03
SRM730-S	CG-CG	0.30	1.49	0.24	5.71	1	7680.72
SRM730-S_ADD	CG-CG	0.30	1.49	0.24	5.71	1	7680.72
SRM731	CIRCULAR	0.90	0.64	0.23	0.90	1	1014.31
SRM733	CIRCULAR	0.45	0.16	0.11	0.45	1	167.05
SRM733-S	CG-CG	0.30	1.49	0.24	5.71	1	7174.79
SRM735	CIRCULAR	0.45	0.16	0.11	0.45	1	433.96
SRM735-S	CG-CG	0.30	1.49	0.24	5.71	1	7401.29
SRM736	CIRCULAR	0.45	0.16	0.11	0.45	1	383.23
SRM736-S	CG-CG	0.30	1.49	0.24	5.71	1	7277.10
SRM738	CIRCULAR	0.30	0.07	0.07	0.30	1	213.97
SRM739	CIRCULAR	0.30	0.07	0.07	0.30	1	186.36
SRM739-S	CG-CG	0.30	1.49	0.24	5.71	1	9801.31
SRM740	CIRCULAR	0.38	0.11	0.09	0.38	1	401.47
SRM740-S	CG-CG	0.30	1.49	0.24	5.71	1	9588.99
SRM741	CIRCULAR	0.45	0.16	0.11	0.45	1	420.62
SRM742	CIRCULAR	0.60	0.28	0.15	0.60	1	686.51
SRM743	CIRCULAR	0.45	0.16	0.11	0.45	1	642.55
SRM743-S	CG-CG	0.30	1.49	0.24	5.71	1	7355.70
SRM744	CIRCULAR	0.45	0.16	0.11	0.45	1	652.96
SRM744-S	CG-CG	0.30	1.49	0.24	5.71	1	10668.25
SRM745	CIRCULAR	0.45	0.16	0.11	0.45	1	481.81
SRM745-S	CG-CG	0.30	1.49	0.24	5.71	1	8158.60
SRM746	CIRCULAR	0.30	0.07	0.07	0.30	1	61.23
SRM747	CIRCULAR	0.20	0.03	0.05	0.20	1	31.80
SRM747-S	CG-CG	0.30	1.49	0.24	5.71	1	5405.21
SRM748	CIRCULAR	0.38	0.11	0.09	0.38	1	104.23
SRM748-S	CG-CG	0.30	1.49	0.24	5.71	1	4691.10
SRM749	CIRCULAR	0.38	0.11	0.09	0.38	1	127.71
SRM749-S	CG-CG	0.30	1.49	0.24	5.71	1	5837.08
SRM75	CIRCULAR	0.68	0.36	0.17	0.68	1	36.84
SRM750	CIRCULAR	0.38	0.11	0.09	0.38	1	194.94
SRM750-S	CG-CG	0.30	1.49	0.24	5.71	1	2829.83
SRM751	CIRCULAR	0.53	0.22	0.13	0.53	1	518.30
SRM751-S	CG-CG	0.30	1.49	0.24	5.71	1	3403.01
SRM752	CIRCULAR	0.45	0.16	0.11	0.45	1	156.17
SRM752-S	CG-CG	0.30	1.49	0.24	5.71	1	2751.96
SRM753	CIRCULAR	0.45	0.16	0.11	0.45	1	180.22
SRM753-S	CG-CG	0.30	1.49	0.24	5.71	1	3132.38
SRM754	CIRCULAR	0.45	0.16	0.11	0.45	1	127.76
SRM754-S	CG-CG	0.30	1.49	0.24	5.71	1	2132.66
SRM755	CIRCULAR	0.30	0.07	0.07	0.30	1	68.46
SRM756	CIRCULAR	0.30	0.07	0.07	0.30	1	167.51
SRM756-S	CG-CG	0.30	1.49	0.24	5.71	1	4056.37
SRM757	CIRCULAR	0.30	0.07	0.07	0.30	1	161.65
SRM757-S	CG-CG	0.30	1.49	0.24	5.71	1	6924.70
SRM758	CIRCULAR	0.30	0.07	0.07	0.30	1	151.22
SRM758-S	CG-CG	0.30	1.49	0.24	5.71	1	7259.71
SRM759	CIRCULAR	0.30	0.07	0.07	0.30	1	42.01
SRM76	CIRCULAR	0.90	0.64	0.23	0.90	1	4756.41
SRM760	CIRCULAR	0.20	0.03	0.05	0.20	1	56.82
SRM760-S	CG-CG	0.30	1.49	0.24	5.71	1	8000.57
SRM761	CIRCULAR	0.30	0.07	0.07	0.30	1	170.29
SRM761-S	CG-CG	0.30	1.49	0.24	5.71	1	7570.11
SRM762	CIRCULAR	0.30	0.07	0.07	0.30	1	74.88
SRM763	CIRCULAR	0.60	0.28	0.15	0.60	1	494.75
SRM763-S	CG-CG	0.30	1.49	0.24	5.71	1	6262.21
SRM764	CIRCULAR	0.30	0.07	0.07	0.30	1	73.82
SRM764-S	CG-CG	0.30	1.49	0.24	5.71	1	1738.89
SRM765	CIRCULAR	0.30	0.07	0.07	0.30	1	205.33
SRM765-S	CG-CG	0.30	1.49	0.24	5.71	1	9294.03
SRM769	CIRCULAR	0.90	0.64	0.23	0.90	1	2410.25
SRM769-S	CG-CG	0.30	1.49	0.24	5.71	1	9738.91
SRM77	CIRCULAR	0.30	0.07	0.07	0.30	1	156.74
SRM770	CIRCULAR	1.05	0.87	0.26	1.05	1	3287.86
SRM770-S	CG-CG	0.30	1.49	0.24	5.71	1	7240.07

SRM772	CIRCULAR	0.20	0.03	0.05	0.20	1	41.58
SRM772-S	CG-CG	0.30	1.49	0.24	5.71	1	9033.24
SRM773	CIRCULAR	0.60	0.28	0.15	0.60	1	400.82
SRM774	CIRCULAR	0.30	0.07	0.07	0.30	1	213.40
SRM774-S	CG-CG	0.30	1.49	0.24	5.71	1	5608.71
SRM775	CIRCULAR	0.30	0.07	0.07	0.30	1	150.37
SRM775-S	CG-CG	0.30	1.49	0.24	5.71	1	3811.63
SRM776	CIRCULAR	0.60	0.28	0.15	0.60	1	625.34
SRM78	CIRCULAR	0.30	0.07	0.07	0.30	1	92.76
SRM79	CIRCULAR	0.45	0.16	0.11	0.45	1	225.03
SRM798	CIRCULAR	0.45	0.16	0.11	0.45	1	67.60
SRM798-S	CG-CG	0.30	1.49	0.24	5.71	1	1492.64
SRM7-S	CG-CG	0.30	1.49	0.24	5.71	1	6686.60
SRM8	CIRCULAR	0.30	0.07	0.07	0.30	1	41.98
SRM80	CIRCULAR	0.60	0.28	0.15	0.60	1	501.61
SRM800	CIRCULAR	0.38	0.11	0.09	0.38	1	59.01
SRM800-S	CG-CG	0.30	1.49	0.24	5.71	1	1799.07
SRM801	CIRCULAR	0.75	0.44	0.19	0.75	1	339.06
SRM801-S	CG-CG	0.30	1.49	0.24	5.71	1	847.22
SRM802	CIRCULAR	0.60	0.28	0.15	0.60	1	233.75
SRM802-S	CG-CG	0.30	1.49	0.24	5.71	1	4575.90
SRM803	CIRCULAR	0.30	0.07	0.07	0.30	1	74.59
SRM803-S	CG-CG	0.30	1.49	0.24	5.71	1	3737.19
SRM804	CIRCULAR	0.45	0.16	0.11	0.45	1	74.99
SRM804-S	CG-CG	0.30	1.49	0.24	5.71	1	94.19
SRM805	CIRCULAR	0.38	0.11	0.09	0.38	1	64.21
SRM806	CIRCULAR	0.75	0.44	0.19	0.75	1	364.20
SRM806-S	CG-CG	0.30	1.49	0.24	5.71	1	1813.46
SRM807	CIRCULAR	0.20	0.03	0.05	0.20	1	10.05
SRM807-S	CG-CG	0.30	1.49	0.24	5.71	1	3495.75
SRM808	CIRCULAR	0.75	0.44	0.19	0.75	1	570.34
SRM808-S	CG-CG	0.30	1.49	0.24	5.71	1	2381.94
SRM809	CIRCULAR	0.20	0.03	0.05	0.20	1	13.37
SRM809-S	CG-CG	0.30	1.49	0.24	5.71	1	3065.57
SRM81	CIRCULAR	0.60	0.28	0.15	0.60	1	564.72
SRM810	CIRCULAR	0.90	0.64	0.23	0.90	1	665.46
SRM814	CIRCULAR	0.30	0.07	0.07	0.30	1	45.85
SRM815	CIRCULAR	0.30	0.07	0.07	0.30	1	45.82
SRM816	CIRCULAR	0.30	0.07	0.07	0.30	1	45.90
SRM82	CIRCULAR	1.20	1.13	0.30	1.20	1	5185.10
SRM826	CIRCULAR	0.75	0.44	0.19	0.75	1	507.92
SRM826-S	CG-CG	0.30	1.49	0.24	5.71	1	5405.88
SRM83	CIRCULAR	1.20	1.13	0.30	1.20	1	4828.79
SRM830	CIRCULAR	0.30	0.07	0.07	0.30	1	125.42
SRM831	CIRCULAR	0.30	0.07	0.07	0.30	1	135.71
SRM832	CIRCULAR	0.30	0.07	0.07	0.30	1	136.21
SRM833	CIRCULAR	0.38	0.11	0.09	0.38	1	147.99
SRM834	CIRCULAR	0.30	0.07	0.07	0.30	1	2.28
SRM836	CIRCULAR	0.20	0.03	0.05	0.20	1	42.23
SRM836-S	CG-CG	0.30	1.49	0.24	5.71	1	9693.12
SRM838	CIRCULAR	0.30	0.07	0.07	0.30	1	30.18
SRM839	CIRCULAR	0.30	0.07	0.07	0.30	1	81.60
SRM84	CIRCULAR	1.20	1.13	0.30	1.20	1	4967.74
SRM840	CIRCULAR	0.30	0.07	0.07	0.30	1	47.08
SRM844	CIRCULAR	0.45	0.16	0.11	0.45	1	126.74
SRM844-S	CG-CG	0.30	1.49	0.24	5.71	1	4249.34
SRM845	CIRCULAR	0.45	0.16	0.11	0.45	1	114.75
SRM845-S	CG-CG	0.30	1.49	0.24	5.71	1	2545.50
SRM846	CIRCULAR	0.75	0.44	0.19	0.75	1	698.04
SRM847	CIRCULAR	0.45	0.16	0.11	0.45	1	98.77
SRM847-S	CG-CG	0.30	1.49	0.24	5.71	1	5601.08
SRM848	CIRCULAR	0.30	0.07	0.07	0.30	1	43.27
SRM848-S	CG-CG	0.30	1.49	0.24	5.71	1	3745.79
SRM849	CIRCULAR	0.45	0.16	0.11	0.45	1	98.87
SRM849-S	CG-CG	0.30	1.49	0.24	5.71	1	5740.96
SRM85	CIRCULAR	1.20	1.13	0.30	1.20	1	5257.03
SRM850	CIRCULAR	0.20	0.03	0.05	0.20	1	21.53
SRM850-S	CG-CG	0.30	1.49	0.24	5.71	1	1638.40
SRM851	CIRCULAR	0.68	0.36	0.17	0.68	1	200.08
SRM851-S	CG-CG	0.30	1.49	0.24	5.71	1	5348.94
SRM852	CIRCULAR	0.53	0.22	0.13	0.53	1	266.99
SRM852-S	CG-CG	0.30	1.49	0.24	5.71	1	3954.36
SRM853	CIRCULAR	0.20	0.03	0.05	0.20	1	56.45
SRM853-S	CG-CG	0.30	1.49	0.24	5.71	1	7646.16
SRM854	CIRCULAR	0.30	0.07	0.07	0.30	1	207.39

SRM854-S	CG-CG	0.30	1.49	0.24	5.71	1	9716.36
SRM855	CIRCULAR	0.38	0.11	0.09	0.38	1	293.88
SRM855-S	CG-CG	0.30	1.49	0.24	5.71	1	7358.62
SRM856	CIRCULAR	0.38	0.11	0.09	0.38	1	131.92
SRM856-S	CG-CG	0.30	1.49	0.24	5.71	1	890.70
SRM857	CIRCULAR	0.20	0.03	0.05	0.20	1	25.68
SRM857-S	CG-CG	0.30	1.49	0.24	5.71	1	3565.61
SRM858	CIRCULAR	0.20	0.03	0.05	0.20	1	11.34
SRM858-S	CG-CG	0.30	1.49	0.24	5.71	1	2584.92
SRM859	CIRCULAR	0.90	0.64	0.23	0.90	1	1815.16
SRM859-S	CG-CG	0.30	1.49	0.24	5.71	1	2913.24
SRM86	CIRCULAR	1.05	0.87	0.26	1.05	1	3682.94
SRM863	CIRCULAR	0.60	0.28	0.15	0.60	1	177.45
SRM863-S	CG-CG	0.30	1.49	0.24	5.71	1	1249.87
SRM864	CIRCULAR	0.38	0.11	0.09	0.38	1	67.90
SRM864-S	CG-CG	0.30	1.49	0.24	5.71	1	2856.86
SRM865	CIRCULAR	0.45	0.16	0.11	0.45	1	117.74
SRM865-S	CG-CG	0.30	1.49	0.24	5.71	1	3470.79
SRM866	CIRCULAR	0.45	0.16	0.11	0.45	1	98.90
SRM866-S	CG-CG	0.30	1.49	0.24	5.71	1	4815.40
SRM867	CIRCULAR	0.53	0.22	0.13	0.53	1	149.06
SRM867-S	CG-CG	0.30	1.49	0.24	5.71	1	3502.87
SRM869	CIRCULAR	0.53	0.22	0.13	0.53	1	136.21
SRM869-S	CG-CG	0.30	1.49	0.24	5.71	1	1686.30
SRM870	CIRCULAR	0.53	0.22	0.13	0.53	1	202.24
SRM870-S	CG-CG	0.30	1.49	0.24	5.71	1	3088.72
SRM871	CIRCULAR	0.60	0.28	0.15	0.60	1	175.69
SRM871-S	CG-CG	0.30	1.49	0.24	5.71	1	1364.83
SRM872	CIRCULAR	0.60	0.28	0.15	0.60	1	157.12
SRM872-S	CG-CG	0.30	1.49	0.24	5.71	1	1621.09
SRM873	CIRCULAR	0.38	0.11	0.09	0.38	1	103.13
SRM873-S	CG-CG	0.30	1.49	0.24	5.71	1	6166.44
SRM876	CIRCULAR	0.30	0.07	0.07	0.30	1	43.21
SRM876-S	CG-CG	0.30	1.49	0.24	5.71	1	5028.44
SRM88	CIRCULAR	0.60	0.28	0.15	0.60	1	389.57
SRM880	CIRCULAR	0.30	0.07	0.07	0.30	1	195.50
SRM880-S	CG-CG	0.30	1.49	0.24	5.71	1	2110.49
SRM881	CIRCULAR	0.60	0.28	0.15	0.60	1	150.64
SRM881-S	CG-CG	0.30	1.49	0.24	5.71	1	2261.13
SRM882	CIRCULAR	0.30	0.07	0.07	0.30	1	61.19
SRM882-S	CG-CG	0.30	1.49	0.24	5.71	1	4395.68
SRM883	CIRCULAR	0.30	0.07	0.07	0.30	1	69.74
SRM883-S	CG-CG	0.30	1.49	0.24	5.71	1	4799.26
SRM884	CIRCULAR	0.30	0.07	0.07	0.30	1	225.07
SRM884-S	CG-CG	0.30	1.49	0.24	5.71	1	3253.94
SRM885	CIRCULAR	0.60	0.28	0.15	0.60	1	228.55
SRM885-S	CG-CG	0.30	1.49	0.24	5.71	1	2659.61
SRM886	CIRCULAR	0.30	0.07	0.07	0.30	1	73.26
SRM886-S	CG-CG	0.30	1.49	0.24	5.71	1	3264.72
SRM887	CIRCULAR	0.30	0.07	0.07	0.30	1	55.36
SRM887-S	CG-CG	0.30	1.49	0.24	5.71	1	2823.06
SRM888	CIRCULAR	0.38	0.11	0.09	0.38	1	67.95
SRM888-S	CG-CG	0.30	1.49	0.24	5.71	1	3825.16
SRM889	CIRCULAR	0.30	0.07	0.07	0.30	1	36.14
SRM889-S	CG-CG	0.30	1.49	0.24	5.71	1	2969.81
SRM89	CIRCULAR	0.30	0.07	0.07	0.30	1	50.15
SRM890	CIRCULAR	0.30	0.07	0.07	0.30	1	43.18
SRM890-S	CG-CG	0.30	1.49	0.24	5.71	1	2363.66
SRM891	CIRCULAR	0.30	0.07	0.07	0.30	1	43.37
SRM891-S	CG-CG	0.30	1.49	0.24	5.71	1	2427.68
SRM892	CIRCULAR	0.68	0.36	0.17	0.68	1	323.33
SRM892-S	CG-CG	0.30	1.49	0.24	5.71	1	3238.91
SRM893	CIRCULAR	0.60	0.28	0.15	0.60	1	552.24
SRM893-S	CG-CG	0.30	1.49	0.24	5.71	1	2535.09
SRM89-S	CG-CG	0.30	1.49	0.24	5.71	1	5081.61
SRM9	CIRCULAR	0.38	0.11	0.09	0.38	1	211.87
SRM90	CIRCULAR	0.30	0.07	0.07	0.30	1	154.53
SRM905	CIRCULAR	1.20	1.13	0.30	1.20	1	3133.62
SRM905-S	CG-CG	0.30	1.49	0.24	5.71	1	140.73
SRM906-20171208	CIRCULAR	0.30	0.07	0.07	0.30	1	47.00
SRM906-20171208-S	CG-CG	0.30	1.49	0.24	5.71	1	2027.14
SRM90-S	CG-CG	0.30	1.49	0.24	5.71	1	7460.83
SRM915	CIRCULAR	1.20	1.13	0.30	1.20	1	3106.03
SRM915-S	CG-CG	0.30	1.49	0.24	5.71	1	4560.07
SRM92	CIRCULAR	0.30	0.07	0.07	0.30	1	55.91

SRM926	CIRCULAR	0.30	0.07	0.07	0.30	1	119.45
SRM926-S	CG-CG	0.30	1.49	0.24	5.71	1	2290.96
SRM927	CIRCULAR	0.75	0.44	0.19	0.75	1	1304.25
SRM927-S	CG-CG	0.30	1.49	0.24	5.71	1	8369.98
SRM928	CIRCULAR	0.30	0.07	0.07	0.30	1	130.91
SRM929	CIRCULAR	0.20	0.03	0.05	0.20	1	31.25
SRM929-S	CG-CG	0.30	1.49	0.24	5.71	1	4378.10
SRM92-S	CG-CG	0.30	1.49	0.24	5.71	1	4860.90
SRM93	CIRCULAR	0.30	0.07	0.07	0.30	1	14.60
SRM931	CIRCULAR	0.90	0.64	0.23	0.90	1	1398.62
SRM931-S	CG-CG	0.30	1.49	0.24	5.71	1	2341.20
SRM932	CIRCULAR	0.20	0.03	0.05	0.20	1	33.45
SRM932-S	CG-CG	0.30	1.49	0.24	5.71	1	3514.65
SRM933	CIRCULAR	0.75	0.44	0.19	0.75	1	1258.68
SRM933-S	CG-CG	0.30	1.49	0.24	5.71	1	4137.39
SRM934	CIRCULAR	0.60	0.28	0.15	0.60	1	616.06
SRM934-S	CG-CG	0.30	1.49	0.24	5.71	1	2419.04
SRM936	CIRCULAR	0.60	0.28	0.15	0.60	1	572.51
SRM936-S	CG-CG	0.30	1.49	0.24	5.71	1	3059.25
SRM938	CIRCULAR	0.30	0.07	0.07	0.30	1	252.85
SRM938-S	CG-CG	0.30	1.49	0.24	5.71	1	10051.39
SRM939	CIRCULAR	0.30	0.07	0.07	0.30	1	149.36
SRM93-S	CG-CG	0.30	1.49	0.24	5.71	1	3520.72
SRM941	CIRCULAR	0.30	0.07	0.07	0.30	1	129.63
SRM942_2	CIRCULAR	0.30	0.07	0.07	0.30	1	95.39
SRM943	CIRCULAR	0.30	0.07	0.07	0.30	1	166.65
SRM943-S	CG-CG	0.30	1.49	0.24	5.71	1	8581.66
SRM944	CIRCULAR	0.20	0.03	0.05	0.20	1	32.27
SRM945	CIRCULAR	1.05	0.87	0.26	1.05	1	1362.30
SRM946	CIRCULAR	1.05	0.87	0.26	1.05	1	1583.27
SRM947	CIRCULAR	0.90	0.64	0.23	0.90	1	1371.82
SRM947-S	CG-CG	0.30	1.49	0.24	5.71	1	4848.34
SRM950	CIRCULAR	0.38	0.11	0.09	0.38	1	177.56
SRM950-S	CG-CG	0.30	1.49	0.24	5.71	1	5435.12
SRM951	CIRCULAR	0.45	0.16	0.11	0.45	1	453.85
SRM951-S	CG-CG	0.30	1.49	0.24	5.71	1	7878.79
SRM952	CIRCULAR	0.38	0.11	0.09	0.38	1	304.96
SRM952-S	CG-CG	0.30	1.49	0.24	5.71	1	7394.71
SRM954	CIRCULAR	0.68	0.36	0.17	0.68	1	846.03
SRM954-S	CG-CG	0.30	1.49	0.24	5.71	1	6464.61
SRM955	CIRCULAR	0.60	0.28	0.15	0.60	1	547.22
SRM955-S	CG-CG	0.30	1.49	0.24	5.71	1	3524.09
SRM956	CIRCULAR	0.30	0.07	0.07	0.30	1	105.74
SRM957	CIRCULAR	0.38	0.11	0.09	0.38	1	111.41
SRM958	CIRCULAR	0.60	0.28	0.15	0.60	1	819.23
SRM958-S	CG-CG	0.30	1.49	0.24	5.71	1	6747.82
SRM959	CIRCULAR	0.45	0.16	0.11	0.45	1	465.04
SRM959-S	CG-CG	0.30	1.49	0.24	5.71	1	9152.52
SRM960	CIRCULAR	0.38	0.11	0.09	0.38	1	328.26
SRM960-S	CG-CG	0.30	1.49	0.24	5.71	1	9609.06
SRM961	CIRCULAR	0.30	0.07	0.07	0.30	1	97.00
SRM961-S	CG-CG	0.30	1.49	0.24	5.71	1	3320.24
SRM963	CIRCULAR	0.68	0.36	0.17	0.68	1	1268.96
SRM964	CIRCULAR	0.60	0.28	0.15	0.60	1	321.17
SRM964-S	CG-CG	0.30	1.49	0.24	5.71	1	4106.14
SRM965	CIRCULAR	0.68	0.36	0.17	0.68	1	337.78
SRM965-S	CG-CG	0.30	1.49	0.24	5.71	1	1913.45
SRM966	CIRCULAR	0.20	0.03	0.05	0.20	1	27.78
SRM966-S	CG-CG	0.30	1.49	0.24	5.71	1	5456.59
SRM967	CIRCULAR	0.45	0.16	0.11	0.45	1	141.16
SRM967-S	CG-CG	0.30	1.49	0.24	5.71	1	3087.24
SRM984	CIRCULAR	0.45	0.16	0.11	0.45	1	383.54
SRM984-S	CG-CG	0.30	1.49	0.24	5.71	1	9223.66
SRM985	CIRCULAR	0.45	0.16	0.11	0.45	1	476.51
SRM985-S	CG-CG	0.30	1.49	0.24	5.71	1	7490.67
SRM986	CIRCULAR	0.53	0.22	0.13	0.53	1	700.47
SRM986-S	CG-CG	0.30	1.49	0.24	5.71	1	8234.06
SRM987	CIRCULAR	0.30	0.07	0.07	0.30	1	61.06
SRM987-S	CG-CG	0.30	1.49	0.24	5.71	1	3110.36
SRM988	CIRCULAR	0.75	0.44	0.19	0.75	1	684.88
SRM989	CIRCULAR	0.20	0.03	0.05	0.20	1	40.75
SRM989-S	CG-CG	0.30	1.49	0.24	5.71	1	5966.13
SRM99	CIRCULAR	0.45	0.16	0.11	0.45	1	489.92
SRM990	CIRCULAR	0.30	0.07	0.07	0.30	1	118.13
SRM990-S	CG-CG	0.30	1.49	0.24	5.71	1	5001.21

SRM991	CIRCULAR	0.53	0.22	0.13	0.53	1	281.49
SRM992	CIRCULAR	0.30	0.07	0.07	0.30	1	190.94
SRM992-S	CG-CG	0.30	1.49	0.24	5.71	1	7888.21
SRM993	CIRCULAR	0.20	0.03	0.05	0.20	1	33.04
SRM993-S	CG-CG	0.30	1.49	0.24	5.71	1	2763.02
SRM994	CIRCULAR	0.20	0.03	0.05	0.20	1	54.84
SRM994-S	CG-CG	0.30	1.49	0.24	5.71	1	8148.19
SRM995	CIRCULAR	0.30	0.07	0.07	0.30	1	60.98
SRM995-S	CG-CG	0.30	1.49	0.24	5.71	1	638.32
SRM996	CIRCULAR	0.30	0.07	0.07	0.30	1	59.12
SRM996-S	CG-CG	0.30	1.49	0.24	5.71	1	4077.71
SRM997	CIRCULAR	0.30	0.07	0.07	0.30	1	166.97
SRM9-S	CG-CG	0.30	1.49	0.24	5.71	1	6113.16
Vista_Ryders_Ridge	CIRCULAR	0.53	0.22	0.13	0.53	1	250.85

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Transect Summary
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Transect AC-AC

Area:

0.0005	0.0020	0.0046	0.0081	0.0126
0.0182	0.0248	0.0324	0.0410	0.0507
0.0615	0.0734	0.0864	0.1005	0.1158
0.1321	0.1495	0.1680	0.1876	0.2083
0.2301	0.2530	0.2770	0.3021	0.3283
0.3550	0.3818	0.4085	0.4353	0.4621
0.4889	0.5157	0.5425	0.5694	0.5962
0.6231	0.6499	0.6768	0.7037	0.7306
0.7575	0.7844	0.8113	0.8382	0.8652
0.8921	0.9191	0.9460	0.9730	1.0000

Hrad:

0.0137	0.0275	0.0412	0.0549	0.0686
0.0824	0.0961	0.1098	0.1228	0.1357
0.1488	0.1619	0.1752	0.1886	0.2019
0.2154	0.2289	0.2424	0.2559	0.2695
0.2830	0.2966	0.3102	0.3238	0.3373
0.3644	0.3914	0.4184	0.4453	0.4722
0.4991	0.5259	0.5526	0.5793	0.6059
0.6325	0.6591	0.6856	0.7121	0.7385
0.7648	0.7911	0.8174	0.8436	0.8698
0.8959	0.9220	0.9481	0.9741	1.0000

Width:

0.0375	0.0750	0.1124	0.1499	0.1874
0.2249	0.2624	0.2998	0.3395	0.3802
0.4209	0.4616	0.5023	0.5430	0.5837
0.6244	0.6651	0.7058	0.7465	0.7872
0.8279	0.8686	0.9093	0.9501	0.9908
0.9911	0.9915	0.9919	0.9922	0.9926
0.9930	0.9933	0.9937	0.9941	0.9945
0.9948	0.9952	0.9956	0.9959	0.9963
0.9967	0.9970	0.9974	0.9978	0.9982
0.9985	0.9989	0.9993	0.9996	1.0000

Transect AC-CG

Area:

0.0009	0.0034	0.0077	0.0136	0.0214
0.0310	0.0424	0.0557	0.0708	0.0878
0.1067	0.1274	0.1497	0.1723	0.1948
0.2174	0.2400	0.2625	0.2851	0.3077
0.3303	0.3528	0.3754	0.3980	0.4206
0.4438	0.4669	0.4901	0.5133	0.5364
0.5596	0.5828	0.6059	0.6291	0.6523
0.6755	0.6986	0.7218	0.7450	0.7682
0.7914	0.8145	0.8377	0.8609	0.8841
0.9073	0.9304	0.9536	0.9768	1.0000

Hrad:

0.0124	0.0248	0.0372	0.0496	0.0613
0.0731	0.0851	0.0972	0.1094	0.1216
0.1339	0.1462	0.1645	0.1890	0.2133
0.2375	0.2616	0.2857	0.3096	0.3335
0.3573	0.3809	0.4045	0.4280	0.4406
0.4640	0.4873	0.5105	0.5337	0.5567

0.5797	0.6025	0.6253	0.6480	0.6706
0.6931	0.7156	0.7379	0.7602	0.7824
0.8045	0.8266	0.8485	0.8704	0.8922
0.9139	0.9356	0.9571	0.9786	1.0000

Width:

0.0736	0.1472	0.2207	0.2943	0.3732
0.4532	0.5331	0.6131	0.6931	0.7730
0.8530	0.9330	0.9730	0.9731	0.9732
0.9733	0.9734	0.9735	0.9736	0.9737
0.9738	0.9739	0.9740	0.9741	0.9992
0.9992	0.9992	0.9993	0.9993	0.9993
0.9994	0.9994	0.9994	0.9995	0.9995
0.9995	0.9996	0.9996	0.9996	0.9997
0.9997	0.9997	0.9998	0.9998	0.9998
0.9999	0.9999	0.9999	1.0000	1.0000

Transect AC-Half

Area:

0.0005	0.0019	0.0043	0.0077	0.0120
0.0172	0.0235	0.0307	0.0388	0.0482
0.0586	0.0702	0.0829	0.0968	0.1118
0.1280	0.1453	0.1637	0.1833	0.2040
0.2259	0.2489	0.2730	0.2983	0.3247
0.3517	0.3787	0.4057	0.4327	0.4597
0.4867	0.5137	0.5407	0.5677	0.5947
0.6217	0.6487	0.6757	0.7027	0.7297
0.7568	0.7838	0.8108	0.8378	0.8648
0.8919	0.9189	0.9459	0.9730	1.0000

Hrad:

0.0138	0.0276	0.0414	0.0552	0.0690
0.0828	0.0966	0.1104	0.1226	0.1346
0.1469	0.1595	0.1723	0.1853	0.1985
0.2117	0.2250	0.2383	0.2518	0.2652
0.2787	0.2923	0.3059	0.3195	0.3331
0.3604	0.3876	0.4148	0.4420	0.4691
0.4961	0.5231	0.5501	0.5770	0.6038
0.6306	0.6573	0.6840	0.7106	0.7371
0.7637	0.7901	0.8165	0.8429	0.8692
0.8955	0.9217	0.9478	0.9739	1.0000

Width:

0.0354	0.0709	0.1063	0.1418	0.1772
0.2126	0.2481	0.2835	0.3234	0.3656
0.4078	0.4500	0.4921	0.5343	0.5765
0.6187	0.6608	0.7030	0.7452	0.7874
0.8295	0.8717	0.9139	0.9561	0.9982
0.9983	0.9984	0.9985	0.9985	0.9986
0.9987	0.9987	0.9988	0.9989	0.9989
0.9990	0.9991	0.9992	0.9992	0.9993
0.9994	0.9994	0.9995	0.9996	0.9996
0.9997	0.9998	0.9999	0.9999	1.0000

Transect CG-CG

Area:

0.0008	0.0033	0.0074	0.0131	0.0206
0.0301	0.0414	0.0547	0.0699	0.0871
0.1062	0.1272	0.1499	0.1729	0.1958
0.2188	0.2418	0.2647	0.2877	0.3107
0.3336	0.3566	0.3796	0.4025	0.4255
0.4485	0.4714	0.4944	0.5174	0.5403
0.5633	0.5863	0.6093	0.6322	0.6552
0.6782	0.7012	0.7242	0.7471	0.7701
0.7931	0.8161	0.8391	0.8621	0.8851
0.9080	0.9310	0.9540	0.9770	1.0000

Hrad:

0.0123	0.0246	0.0370	0.0493	0.0603
0.0715	0.0832	0.0950	0.1069	0.1190
0.1311	0.1432	0.1613	0.1856	0.2098
0.2340	0.2580	0.2819	0.3057	0.3295
0.3531	0.3767	0.4001	0.4235	0.4468
0.4699	0.4930	0.5160	0.5389	0.5617
0.5845	0.6071	0.6297	0.6521	0.6745
0.6968	0.7190	0.7411	0.7631	0.7851
0.8069	0.8287	0.8504	0.8720	0.8936
0.9150	0.9364	0.9577	0.9789	1.0000

Width:

0.0715	0.1429	0.2144	0.2858	0.3678
0.4519	0.5360	0.6201	0.7042	0.7883
0.8724	0.9565	0.9986	0.9986	0.9987
0.9987	0.9987	0.9988	0.9988	0.9988
0.9989	0.9989	0.9990	0.9990	0.9990
0.9991	0.9991	0.9992	0.9992	0.9992
0.9993	0.9993	0.9993	0.9994	0.9994
0.9995	0.9995	0.9995	0.9996	0.9996
0.9997	0.9997	0.9997	0.9998	0.9998
0.9998	0.9999	0.9999	1.0000	1.0000

Transect CG-Half

Area:

0.0007	0.0029	0.0065	0.0115	0.0182
0.0269	0.0377	0.0505	0.0654	0.0823
0.1013	0.1223	0.1452	0.1683	0.1914
0.2145	0.2376	0.2607	0.2838	0.3069
0.3300	0.3531	0.3762	0.3993	0.4224
0.4455	0.4686	0.4917	0.5148	0.5379
0.5610	0.5841	0.6072	0.6303	0.6534
0.6765	0.6996	0.7227	0.7458	0.7689
0.7921	0.8152	0.8383	0.8614	0.8845
0.9076	0.9307	0.9538	0.9769	1.0000

Hrad:

0.0124	0.0248	0.0372	0.0496	0.0586
0.0686	0.0795	0.0908	0.1025	0.1143
0.1263	0.1384	0.1568	0.1813	0.2058
0.2301	0.2544	0.2785	0.3025	0.3265
0.3503	0.3740	0.3977	0.4212	0.4446
0.4680	0.4912	0.5143	0.5374	0.5603
0.5832	0.6059	0.6286	0.6512	0.6736
0.6960	0.7183	0.7405	0.7626	0.7846
0.8066	0.8284	0.8502	0.8718	0.8934
0.9149	0.9363	0.9576	0.9789	1.0000

Width:

0.0621	0.1243	0.1864	0.2486	0.3330
0.4219	0.5108	0.5997	0.6886	0.7775
0.8664	0.9553	0.9997	0.9997	0.9997
0.9997	0.9998	0.9998	0.9998	0.9998
0.9998	0.9998	0.9998	0.9998	0.9998
0.9998	0.9998	0.9998	0.9998	0.9999
0.9999	0.9999	0.9999	0.9999	0.9999
0.9999	0.9999	0.9999	0.9999	0.9999
0.9999	0.9999	0.9999	1.0000	1.0000
1.0000	1.0000	1.0000	1.0000	1.0000

Transect Ditch

Area:

0.0069	0.0144	0.0224	0.0309	0.0400
0.0496	0.0597	0.0704	0.0816	0.0933
0.1056	0.1184	0.1317	0.1456	0.1600
0.1749	0.1904	0.2064	0.2229	0.2400
0.2576	0.2757	0.2944	0.3136	0.3333
0.3536	0.3744	0.3957	0.4176	0.4400
0.4629	0.4864	0.5104	0.5349	0.5600
0.5856	0.6117	0.6384	0.6656	0.6933
0.7216	0.7504	0.7797	0.8096	0.8400
0.8709	0.9024	0.9344	0.9669	1.0000

Hrad:

0.0348	0.0668	0.0966	0.1247	0.1512
0.1766	0.2010	0.2246	0.2474	0.2696
0.2913	0.3125	0.3333	0.3538	0.3739
0.3938	0.4134	0.4327	0.4519	0.4709
0.4897	0.5084	0.5270	0.5454	0.5637
0.5818	0.5999	0.6179	0.6359	0.6537
0.6715	0.6892	0.7068	0.7244	0.7419
0.7594	0.7768	0.7942	0.8115	0.8288
0.8461	0.8633	0.8805	0.8976	0.9148
0.9319	0.9489	0.9660	0.9830	1.0000

Width:

0.2160	0.2320	0.2480	0.2640	0.2800
0.2960	0.3120	0.3280	0.3440	0.3600
0.3760	0.3920	0.4080	0.4240	0.4400
0.4560	0.4720	0.4880	0.5040	0.5200
0.5360	0.5520	0.5680	0.5840	0.6000

0.6160	0.6320	0.6480	0.6640	0.6800
0.6960	0.7120	0.7280	0.7440	0.7600
0.7760	0.7920	0.8080	0.8240	0.8400
0.8560	0.8720	0.8880	0.9040	0.9200
0.9360	0.9520	0.9680	0.9840	1.0000

Transect DT-AC

Area:

0.0002	0.0008	0.0019	0.0034	0.0053
0.0076	0.0103	0.0135	0.0171	0.0211
0.0255	0.0303	0.0356	0.0413	0.0474
0.0539	0.0608	0.0682	0.0760	0.0842
0.0928	0.1019	0.1114	0.1213	0.1316
0.1423	0.1535	0.1651	0.1771	0.1895
0.2023	0.2156	0.2293	0.2444	0.2644
0.2895	0.3196	0.3549	0.3952	0.4407
0.4912	0.5466	0.6031	0.6597	0.7163
0.7730	0.8297	0.8864	0.9432	1.0000

Hrad:

0.0283	0.0566	0.0849	0.1132	0.1415
0.1698	0.1981	0.2264	0.2547	0.2830
0.3113	0.3396	0.3679	0.3962	0.4245
0.4528	0.4811	0.5094	0.5377	0.5660
0.5943	0.6226	0.6509	0.6792	0.7075
0.7358	0.7641	0.7924	0.8207	0.8490
0.8773	0.9056	0.9339	0.8768	0.7985
0.7400	0.6968	0.6658	0.6448	0.6318
0.6254	0.5571	0.6132	0.6692	0.7248
0.7803	0.8356	0.8906	0.9454	1.0000

Width:

0.0074	0.0148	0.0222	0.0296	0.0370
0.0444	0.0519	0.0593	0.0667	0.0741
0.0815	0.0889	0.0963	0.1037	0.1111
0.1185	0.1259	0.1333	0.1407	0.1481
0.1556	0.1630	0.1704	0.1778	0.1852
0.1926	0.2000	0.2074	0.2148	0.2222
0.2296	0.2370	0.2444	0.3067	0.3963
0.4859	0.5756	0.6652	0.7548	0.8444
0.9341	0.9941	0.9948	0.9956	0.9963
0.9970	0.9978	0.9985	0.9993	1.0000

Transect DT-CG

Area:

0.0002	0.0008	0.0017	0.0031	0.0048
0.0069	0.0094	0.0123	0.0156	0.0193
0.0233	0.0278	0.0326	0.0378	0.0434
0.0493	0.0557	0.0625	0.0696	0.0771
0.0850	0.0933	0.1020	0.1110	0.1205
0.1324	0.1491	0.1703	0.1962	0.2267
0.2619	0.3005	0.3392	0.3779	0.4166
0.4554	0.4942	0.5330	0.5718	0.6106
0.6495	0.6883	0.7272	0.7661	0.8051
0.8440	0.8830	0.9220	0.9610	1.0000

Hrad:

0.0206	0.0411	0.0617	0.0822	0.1028
0.1233	0.1439	0.1644	0.1850	0.2056
0.2261	0.2467	0.2672	0.2878	0.3083
0.3289	0.3494	0.3700	0.3906	0.4111
0.4317	0.4522	0.4728	0.4933	0.5139
0.4479	0.4032	0.3735	0.3548	0.3444
0.3404	0.3239	0.3645	0.4049	0.4451
0.4851	0.5248	0.5644	0.6037	0.6428
0.6817	0.7205	0.7590	0.7973	0.8354
0.8733	0.9110	0.9485	0.9858	1.0000

Width:

0.0096	0.0193	0.0289	0.0386	0.0482
0.0578	0.0675	0.0771	0.0867	0.0964
0.1060	0.1157	0.1253	0.1349	0.1446
0.1542	0.1639	0.1735	0.1831	0.1928
0.2024	0.2120	0.2217	0.2313	0.2410
0.3571	0.4733	0.5894	0.7055	0.8217
0.9378	0.9672	0.9677	0.9682	0.9687
0.9692	0.9696	0.9701	0.9706	0.9711
0.9716	0.9720	0.9725	0.9730	0.9735
0.9740	0.9745	0.9749	0.9754	1.0000

Transect DT-DT

Area:

0.0003	0.0013	0.0030	0.0053	0.0083
0.0120	0.0163	0.0213	0.0270	0.0333
0.0403	0.0480	0.0563	0.0653	0.0750
0.0853	0.0963	0.1080	0.1203	0.1333
0.1470	0.1613	0.1763	0.1920	0.2083
0.2253	0.2430	0.2613	0.2803	0.3000
0.3203	0.3413	0.3630	0.3853	0.4083
0.4320	0.4563	0.4813	0.5070	0.5333
0.5620	0.5947	0.6313	0.6720	0.7167
0.7653	0.8180	0.8747	0.9353	1.0000

Hrad:

0.0327	0.0655	0.0982	0.1309	0.1637
0.1964	0.2291	0.2619	0.2946	0.3273
0.3601	0.3928	0.4255	0.4583	0.4910
0.5237	0.5565	0.5892	0.6219	0.6547
0.6874	0.7201	0.7529	0.7856	0.8183
0.8511	0.8838	0.9165	0.9493	0.9820
1.0147	1.0475	1.0802	1.1130	1.1457
1.1784	1.2112	1.2439	1.2766	1.3094
1.2045	1.1308	1.0790	1.0428	1.0185
1.0031	0.9949	0.9923	0.9943	1.0000

Width:

0.0100	0.0200	0.0300	0.0400	0.0500
0.0600	0.0700	0.0800	0.0900	0.1000
0.1100	0.1200	0.1300	0.1400	0.1500
0.1600	0.1700	0.1800	0.1900	0.2000
0.2100	0.2200	0.2300	0.2400	0.2500
0.2600	0.2700	0.2800	0.2900	0.3000
0.3100	0.3200	0.3300	0.3400	0.3500
0.3600	0.3700	0.3800	0.3900	0.4000
0.4600	0.5200	0.5800	0.6400	0.7000
0.7600	0.8200	0.8800	0.9400	1.0000

Transect DT-Half

Area:

0.0003	0.0013	0.0030	0.0053	0.0083
0.0120	0.0163	0.0213	0.0270	0.0333
0.0403	0.0480	0.0563	0.0653	0.0750
0.0853	0.0963	0.1080	0.1203	0.1333
0.1470	0.1613	0.1763	0.1920	0.2083
0.2253	0.2430	0.2613	0.2803	0.3000
0.3203	0.3413	0.3630	0.3853	0.4083
0.4320	0.4563	0.4813	0.5070	0.5333
0.5620	0.5947	0.6313	0.6720	0.7167
0.7653	0.8180	0.8747	0.9353	1.0000

Hrad:

0.0330	0.0659	0.0989	0.1319	0.1649
0.1978	0.2308	0.2638	0.2968	0.3297
0.3627	0.3957	0.4287	0.4616	0.4946
0.5276	0.5606	0.5935	0.6265	0.6595
0.6925	0.7254	0.7584	0.7914	0.8244
0.8573	0.8903	0.9233	0.9563	0.9892
1.0222	1.0552	1.0882	1.1211	1.1541
1.1871	1.2201	1.2530	1.2860	1.3190
1.2114	1.1360	1.0828	1.0457	1.0206
1.0047	0.9960	0.9930	0.9946	1.0000

Width:

0.0100	0.0200	0.0300	0.0400	0.0500
0.0600	0.0700	0.0800	0.0900	0.1000
0.1100	0.1200	0.1300	0.1400	0.1500
0.1600	0.1700	0.1800	0.1900	0.2000
0.2100	0.2200	0.2300	0.2400	0.2500
0.2600	0.2700	0.2800	0.2900	0.3000
0.3100	0.3200	0.3300	0.3400	0.3500
0.3600	0.3700	0.3800	0.3900	0.4000
0.4600	0.5200	0.5800	0.6400	0.7000
0.7600	0.8200	0.8800	0.9400	1.0000

****

NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,

not just on results from each reporting time step.
****

****
Analysis Options
****
Flow Units ..... LPS
Process Models:
Rainfall/Runoff ..... YES
RDII ..... NO
Snowmelt ..... NO
Groundwater ..... NO
Flow Routing ..... YES
Ponding Allowed ..... NO
Water Quality ..... NO
Infiltration Method ..... GREEN_AMPT
Flow Routing Method ..... DYNWAVE
Starting Date 05/22/2018 00:00:00
Ending Date 05/23/2018 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:00:10
Wet Time Step 00:00:10
Dry Time Step 00:00:10
Routing Time Step ..... 1.00 sec
Variable Time Step ..... YES
Maximum Trials 8
Number of Threads 4
Head Tolerance ..... 0.001500 m

Runoff Quantity Continuity	Volume hectare-m	Depth mm
Total Precipitation	100.118	26.918
Evaporation Loss	0.000	0.000
Infiltration Loss	79.424	21.354
Surface Runoff	19.337	5.199
Final Storage	1.358	0.365
Continuity Error (%)	-0.001	

Flow Routing Continuity	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	19.337	193.373
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	16.059	160.588
Flooding Loss	2.238	22.381
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	4.806	48.061
Final Stored Volume	5.931	59.314
Continuity Error (%)	-0.352	

****
Highest Continuity Errors
****
Node J22 (100.00%)
Node HPMH11 (71.36%)
Node GCMH23 (23.23%)
Node GCMH24 (17.71%)
Node J130 (16.95%)

****
Time-Step Critical Elements
****
Link GCC54 (48.48%)

****

Highest Flow Instability Indexes
****
Link SRM727 (23)
Link SRM530 (20)
Link SRM999 (15)
Link GCC37 (15)
Link C61 (15)

****
Routing Time Step Summary
****

Minimum Time Step	:	0.13 sec
Average Time Step	:	0.76 sec
Maximum Time Step	:	1.00 sec
Percent in Steady State	:	0.00
Average Iterations per Step	:	3.03
Percent Not Converging	:	15.14

****
Subcatchment Runoff Summary
****

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Total Runoff mm	Total Runoff mm	Peak Runoff 10^6 ltr	Runoff Coeff LPS	
GC1	26.92	0.00	0.00	25.52	1.32	21.41	21206.73	0.049	
GC10_1	26.92	0.00	0.00	24.58	2.26	0.02	13.26	0.084	
GC10_2	26.92	0.00	0.00	25.68	1.16	0.02	15.50	0.043	
GC100	26.92	0.00	0.00	16.30	9.98	0.01	7.86	0.371	
GC1000	26.92	0.00	0.00	9.84	16.03	0.01	13.88	0.596	
GC1001	26.92	0.00	0.00	16.53	9.75	0.01	6.23	0.362	
GC1002	26.92	0.00	0.00	16.71	9.56	0.01	5.73	0.355	
GC1003	26.92	0.00	0.00	9.70	16.18	0.01	12.04	0.601	
GC1004	26.92	0.00	0.00	7.67	18.12	0.07	64.82	0.673	
GC1005	26.92	0.00	0.00	7.52	18.28	0.04	41.70	0.679	
GC1006	26.92	0.00	0.00	7.44	18.36	0.03	33.72	0.682	
GC1007	26.92	0.00	0.00	16.56	9.72	0.01	7.70	0.361	
GC1008	26.92	0.00	0.00	7.35	18.45	0.02	28.89	0.685	
GC1009	26.92	0.00	0.00	7.52	18.28	0.04	41.46	0.679	
GC101	26.92	0.00	0.00	16.70	9.58	0.01	9.41	0.356	
GC1010	26.92	0.00	0.00	7.60	18.20	0.05	51.04	0.676	
GC1011	26.92	0.00	0.00	7.26	18.54	0.02	20.94	0.689	
GC1012	26.92	0.00	0.00	7.30	18.50	0.02	22.17	0.687	
GC1013	26.92	0.00	0.00	16.48	9.80	0.01	7.50	0.364	
GC1014	26.92	0.00	0.00	16.55	9.72	0.01	6.13	0.361	
GC1015	26.92	0.00	0.00	16.77	9.51	0.01	7.45	0.353	
GC1016	26.92	0.00	0.00	14.26	11.86	0.01	7.76	0.440	
GC1017	26.92	0.00	0.00	9.87	16.01	0.01	8.07	0.595	
GC1018	26.92	0.00	0.00	16.61	9.67	0.01	8.11	0.359	
GC1019	26.92	0.00	0.00	18.55	7.73	0.03	23.39	0.287	
GC102	26.92	0.00	0.00	16.84	9.43	0.01	8.06	0.351	
GC1020	26.92	0.00	0.00	16.49	9.79	0.01	7.20	0.364	
GC1021	26.92	0.00	0.00	16.97	9.31	0.01	7.94	0.346	
GC1022_1	26.92	0.00	0.00	7.81	17.99	0.11	85.85	0.668	
GC1022_2	26.92	0.00	0.00	7.26	18.54	0.02	20.10	0.689	
GC1023	26.92	0.00	0.00	16.76	9.52	0.01	7.50	0.354	
GC1024	26.92	0.00	0.00	16.82	9.46	0.01	9.01	0.352	
GC1025	26.92	0.00	0.00	9.80	16.08	0.01	11.81	0.597	
GC1027	26.92	0.00	0.00	16.47	9.81	0.01	6.40	0.364	
GC1028	26.92	0.00	0.00	16.60	9.68	0.01	8.99	0.360	
GC1029	26.92	0.00	0.00	9.86	16.01	0.01	7.29	0.595	
GC103	26.92	0.00	0.00	13.78	12.34	0.01	7.10	0.459	
GC1030	26.92	0.00	0.00	9.86	16.02	0.01	7.34	0.595	
GC1031	26.92	0.00	0.00	16.62	9.66	0.01	7.89	0.359	
GC1032	26.92	0.00	0.00	14.28	11.84	0.01	8.16	0.440	
GC1033	26.92	0.00	0.00	7.60	18.20	0.05	50.90	0.676	
GC1034	26.92	0.00	0.00	16.56	9.72	0.01	7.39	0.361	
GC1035	26.92	0.00	0.00	16.53	9.75	0.01	7.29	0.362	
GC1036	26.92	0.00	0.00	16.78	9.50	0.01	6.95	0.353	
GC1037	26.92	0.00	0.00	7.44	18.36	0.03	33.72	0.682	
GC1038	26.92	0.00	0.00	16.90	9.38	0.01	8.03	0.348	

GC1039	26.92	0.00	0.00	16.47	9.80	0.01	6.35	0.364
GC104	26.92	0.00	0.00	13.42	12.70	0.00	5.93	0.472
GC1040	26.92	0.00	0.00	16.77	9.51	0.01	7.24	0.353
GC1041	26.92	0.00	0.00	16.59	9.69	0.01	8.23	0.360
GC1042	26.92	0.00	0.00	9.97	15.91	0.01	10.28	0.591
GC1043	26.92	0.00	0.00	16.77	9.51	0.01	6.98	0.353
GC1044	26.92	0.00	0.00	14.23	11.89	0.01	10.84	0.442
GC1045	26.92	0.00	0.00	16.82	9.46	0.01	7.31	0.351
GC1046	26.92	0.00	0.00	9.71	16.17	0.01	9.62	0.601
GC1047	26.92	0.00	0.00	16.64	9.64	0.01	7.63	0.358
GC1048	26.92	0.00	0.00	9.81	16.07	0.01	6.60	0.597
GC1049	26.92	0.00	0.00	16.67	9.60	0.01	7.34	0.357
GC105	26.92	0.00	0.00	16.50	9.78	0.01	6.96	0.363
GC1050	26.92	0.00	0.00	7.21	18.59	0.01	16.93	0.691
GC1051	26.92	0.00	0.00	9.85	16.03	0.01	6.47	0.596
GC1052	26.92	0.00	0.00	19.49	6.94	0.28	311.65	0.258
GC1053	26.92	0.00	0.00	16.47	9.81	0.01	6.53	0.364
GC1054	26.92	0.00	0.00	7.55	18.24	0.04	45.58	0.678
GC1055	26.92	0.00	0.00	16.67	9.60	0.01	6.67	0.357
GC1056	26.92	0.00	0.00	16.77	9.51	0.01	6.90	0.353
GC1057	26.92	0.00	0.00	14.38	11.74	0.01	8.34	0.436
GC1058	26.92	0.00	0.00	25.49	1.19	0.01	5.32	0.044
GC1059	26.92	0.00	0.00	9.72	16.16	0.01	11.90	0.600
GC106	26.92	0.00	0.00	16.41	9.87	0.01	7.26	0.367
GC1060	26.92	0.00	0.00	16.64	9.64	0.01	6.08	0.358
GC1061	26.92	0.00	0.00	16.70	9.58	0.01	6.91	0.356
GC1062	26.92	0.00	0.00	16.68	9.60	0.01	6.95	0.357
GC1063	26.92	0.00	0.00	16.73	9.55	0.01	5.98	0.355
GC1064	26.92	0.00	0.00	16.71	9.57	0.01	6.02	0.356
GC1065	26.92	0.00	0.00	16.65	9.63	0.01	6.16	0.358
GC1066	26.92	0.00	0.00	16.67	9.61	0.01	6.11	0.357
GC1067	26.92	0.00	0.00	9.85	16.03	0.01	7.48	0.595
GC1068	26.92	0.00	0.00	9.86	16.02	0.01	7.44	0.595
GC1069	26.92	0.00	0.00	9.86	16.02	0.01	7.40	0.595
GC107	26.92	0.00	0.00	16.78	9.50	0.01	7.24	0.353
GC1070	26.92	0.00	0.00	7.22	18.57	0.01	17.86	0.690
GC1071	26.92	0.00	0.00	16.66	9.62	0.01	7.56	0.357
GC1072	26.92	0.00	0.00	17.00	9.28	0.01	8.86	0.345
GC1073	26.92	0.00	0.00	9.79	16.09	0.01	7.13	0.598
GC1074	26.92	0.00	0.00	16.45	9.83	0.01	6.56	0.365
GC1075	26.92	0.00	0.00	16.38	9.90	0.01	6.71	0.368
GC1076	26.92	0.00	0.00	14.03	12.09	0.01	8.87	0.449
GC1077	26.92	0.00	0.00	16.56	9.72	0.01	7.16	0.361
GC1078	26.92	0.00	0.00	16.45	9.82	0.01	7.61	0.365
GC1079	26.92	0.00	0.00	9.57	16.31	0.01	7.67	0.606
GC108	26.92	0.00	0.00	17.44	8.84	0.01	12.58	0.328
GC1080	26.92	0.00	0.00	9.74	16.14	0.01	7.01	0.599
GC1081	26.92	0.00	0.00	16.77	9.51	0.01	7.09	0.353
GC1082	26.92	0.00	0.00	9.79	16.09	0.01	11.21	0.598
GC1083	26.92	0.00	0.00	16.52	9.76	0.01	6.78	0.362
GC1084	26.92	0.00	0.00	16.59	9.69	0.01	6.70	0.360
GC1085	26.92	0.00	0.00	16.52	9.76	0.01	6.76	0.362
GC1086	26.92	0.00	0.00	16.58	9.70	0.01	6.64	0.360
GC1087	26.92	0.00	0.00	9.99	15.89	0.01	10.95	0.590
GC1088	26.92	0.00	0.00	16.37	9.91	0.01	6.85	0.368
GC1089	26.92	0.00	0.00	9.22	16.57	0.17	166.83	0.616
GC109	26.92	0.00	0.00	9.73	16.15	0.01	12.80	0.600
GC1090	26.92	0.00	0.00	9.80	16.08	0.01	8.04	0.597
GC1091	26.92	0.00	0.00	9.77	16.10	0.01	6.71	0.598
GC1092	26.92	0.00	0.00	9.76	16.12	0.01	6.80	0.599
GC1093	26.92	0.00	0.00	16.56	9.72	0.01	7.46	0.361
GC1094	26.92	0.00	0.00	16.54	9.74	0.01	6.41	0.362
GC1095	26.92	0.00	0.00	16.34	9.94	0.01	6.98	0.369
GC1096	26.92	0.00	0.00	16.63	9.65	0.01	6.47	0.359
GC1097	26.92	0.00	0.00	16.32	9.96	0.01	6.93	0.370
GC1098	26.92	0.00	0.00	16.53	9.75	0.01	6.75	0.362
GC1099	26.92	0.00	0.00	16.60	9.67	0.01	6.52	0.359
GC11	26.92	0.00	0.00	26.63	0.20	0.10	49.83	0.008
GC110	26.92	0.00	0.00	13.54	12.58	0.01	7.11	0.467
GC1100	26.92	0.00	0.00	16.60	9.67	0.01	7.00	0.359
GC1101	26.92	0.00	0.00	14.31	11.81	0.01	8.67	0.439
GC1102	26.92	0.00	0.00	16.61	9.67	0.01	6.70	0.359
GC1103	26.92	0.00	0.00	16.46	9.82	0.01	6.64	0.365
GC1104	26.92	0.00	0.00	9.58	16.30	0.01	7.64	0.606
GC1105	26.92	0.00	0.00	16.51	9.77	0.01	6.79	0.363

GC1106	26.92	0.00	0.00	16.60	9.68	0.01	6.75	0.360
GC1107	26.92	0.00	0.00	16.67	9.61	0.01	6.74	0.357
GC1108	26.92	0.00	0.00	16.95	9.33	0.01	10.22	0.347
GC1109	26.92	0.00	0.00	14.07	12.05	0.01	8.80	0.448
GC111	26.92	0.00	0.00	9.78	16.10	0.01	14.82	0.598
GC1110	26.92	0.00	0.00	16.94	9.34	0.01	8.25	0.347
GC1111	26.92	0.00	0.00	16.41	9.87	0.01	6.58	0.367
GC1112	26.92	0.00	0.00	9.56	16.32	0.01	8.23	0.606
GC1113	26.92	0.00	0.00	7.67	18.13	0.06	62.77	0.673
GC1114	26.92	0.00	0.00	16.72	9.56	0.01	7.14	0.355
GC1115	26.92	0.00	0.00	17.04	9.24	0.01	8.24	0.343
GC1116	26.92	0.00	0.00	16.69	9.59	0.01	7.56	0.356
GC1117	26.92	0.00	0.00	16.53	9.75	0.01	6.00	0.362
GC1118	26.92	0.00	0.00	9.59	16.29	0.01	7.54	0.605
GC1119	26.92	0.00	0.00	17.04	9.24	0.01	8.54	0.343
GC112	26.92	0.00	0.00	13.70	12.42	0.01	7.47	0.461
GC1120	26.92	0.00	0.00	17.77	8.51	0.02	14.72	0.316
GC1121	26.92	0.00	0.00	24.85	1.99	0.00	3.39	0.074
GC1122	26.92	0.00	0.00	9.81	16.07	0.01	6.58	0.597
GC1123	26.92	0.00	0.00	9.84	16.04	0.01	6.51	0.596
GC1124	26.92	0.00	0.00	9.63	16.25	0.01	7.75	0.604
GC1125	26.92	0.00	0.00	14.01	12.11	0.01	8.85	0.450
GC1126	26.92	0.00	0.00	14.26	11.86	0.01	8.03	0.441
GC1127	26.92	0.00	0.00	9.57	16.31	0.01	7.69	0.606
GC1128	26.92	0.00	0.00	16.41	9.87	0.01	6.60	0.366
GC1129	26.92	0.00	0.00	16.48	9.80	0.01	7.52	0.364
GC113	26.92	0.00	0.00	13.72	12.39	0.01	8.09	0.460
GC1130	26.92	0.00	0.00	9.64	16.24	0.01	7.76	0.603
GC1131	26.92	0.00	0.00	7.35	18.45	0.02	24.69	0.685
GC1132	26.92	0.00	0.00	16.64	9.63	0.01	6.90	0.358
GC1133	26.92	0.00	0.00	9.59	16.28	0.01	7.52	0.605
GC1134	26.92	0.00	0.00	16.64	9.64	0.01	6.16	0.358
GC1135	26.92	0.00	0.00	14.00	12.12	0.01	8.41	0.450
GC1136	26.92	0.00	0.00	9.66	16.22	0.01	7.74	0.603
GC1137	26.92	0.00	0.00	9.79	16.09	0.01	6.65	0.598
GC1138	26.92	0.00	0.00	14.26	11.86	0.01	8.50	0.440
GC1139	26.92	0.00	0.00	9.84	16.04	0.01	6.51	0.596
GC114	26.92	0.00	0.00	9.78	16.10	0.01	13.24	0.598
GC1140	26.92	0.00	0.00	7.63	18.17	0.05	51.82	0.675
GC1141	26.92	0.00	0.00	18.20	8.07	0.03	22.03	0.300
GC1142	26.92	0.00	0.00	7.32	18.47	0.02	22.35	0.686
GC1143	26.92	0.00	0.00	9.57	16.31	0.01	7.65	0.606
GC1144	26.92	0.00	0.00	9.64	16.24	0.01	7.88	0.603
GC1145	26.92	0.00	0.00	13.98	12.14	0.01	8.69	0.451
GC1146	26.92	0.00	0.00	7.30	18.50	0.02	24.47	0.687
GC1147	26.92	0.00	0.00	9.65	16.23	0.01	7.85	0.603
GC1148	26.92	0.00	0.00	9.60	16.28	0.01	7.46	0.605
GC1149	26.92	0.00	0.00	16.99	9.29	0.01	8.71	0.345
GC115	26.92	0.00	0.00	9.82	16.06	0.01	13.19	0.597
GC1150	26.92	0.00	0.00	17.86	8.42	0.02	14.90	0.313
GC1151	26.92	0.00	0.00	16.72	9.56	0.01	8.15	0.355
GC1152	26.92	0.00	0.00	17.12	9.15	0.01	8.57	0.340
GC1153	26.92	0.00	0.00	14.21	11.91	0.01	7.91	0.442
GC1154	26.92	0.00	0.00	13.96	12.16	0.01	8.12	0.452
GC1155	26.92	0.00	0.00	16.76	9.52	0.01	6.53	0.354
GC1156	26.92	0.00	0.00	16.87	9.41	0.01	7.95	0.350
GC1157	26.92	0.00	0.00	16.47	9.81	0.01	7.21	0.364
GC1158	26.92	0.00	0.00	9.62	16.26	0.01	7.88	0.604
GC1159	26.92	0.00	0.00	9.83	16.05	0.01	6.52	0.596
GC116	26.92	0.00	0.00	9.72	16.16	0.01	11.75	0.600
GC1160	26.92	0.00	0.00	9.87	16.00	0.01	6.38	0.595
GC1161	26.92	0.00	0.00	9.57	16.31	0.01	7.72	0.606
GC1162	26.92	0.00	0.00	14.00	12.12	0.01	8.81	0.450
GC1163	26.92	0.00	0.00	16.64	9.64	0.01	6.30	0.358
GC1164	26.92	0.00	0.00	9.62	16.26	0.01	7.87	0.604
GC1165	26.92	0.00	0.00	17.19	9.09	0.01	9.87	0.338
GC1166	26.92	0.00	0.00	9.55	16.24	0.06	48.12	0.603
GC1167	26.92	0.00	0.00	14.15	11.97	0.01	7.72	0.445
GC1168	26.92	0.00	0.00	14.00	12.12	0.01	8.80	0.450
GC1169	26.92	0.00	0.00	16.70	9.57	0.01	6.74	0.356
GC117	26.92	0.00	0.00	7.57	18.23	0.05	48.98	0.677
GC1170	26.92	0.00	0.00	9.60	16.28	0.01	7.52	0.605
GC1171	26.92	0.00	0.00	17.24	9.04	0.01	9.69	0.336
GC1172	26.92	0.00	0.00	7.56	18.24	0.04	45.06	0.677
GC1173	26.92	0.00	0.00	9.60	16.28	0.01	7.87	0.605

GC1174	26.92	0.00	0.00	17.38	8.90	0.01	9.79	0.331
GC1175	26.92	0.00	0.00	14.12	12.00	0.01	8.61	0.446
GC1176	26.92	0.00	0.00	14.19	11.93	0.01	8.28	0.443
GC1177	26.92	0.00	0.00	9.62	16.25	0.01	7.63	0.604
GC1178	26.92	0.00	0.00	14.25	11.86	0.01	8.43	0.441
GC1179	26.92	0.00	0.00	14.28	11.84	0.01	8.01	0.440
GC118	26.92	0.00	0.00	9.77	16.11	0.01	12.49	0.598
GC1180	26.92	0.00	0.00	9.78	16.10	0.01	6.69	0.598
GC1181	26.92	0.00	0.00	9.84	16.04	0.01	6.50	0.596
GC1182	26.92	0.00	0.00	17.38	8.90	0.01	10.53	0.331
GC1183	26.92	0.00	0.00	14.28	11.84	0.01	7.52	0.440
GC1184	26.92	0.00	0.00	9.59	16.29	0.01	7.47	0.605
GC1185	26.92	0.00	0.00	9.74	16.14	0.01	10.65	0.600
GC1186	26.92	0.00	0.00	14.22	11.90	0.01	7.96	0.442
GC1187	26.92	0.00	0.00	9.72	16.16	0.01	10.77	0.600
GC1188	26.92	0.00	0.00	9.60	16.28	0.01	7.52	0.605
GC1189	26.92	0.00	0.00	9.71	16.17	0.01	10.77	0.601
GC119	26.92	0.00	0.00	9.74	16.14	0.01	12.38	0.600
GC1190	26.92	0.00	0.00	16.63	9.65	0.01	6.22	0.358
GC1191	26.92	0.00	0.00	14.22	11.90	0.01	8.15	0.442
GC1192	26.92	0.00	0.00	17.31	8.97	0.01	9.76	0.333
GC1193	26.92	0.00	0.00	9.73	16.15	0.01	11.05	0.600
GC1194	26.92	0.00	0.00	9.75	16.13	0.01	11.91	0.599
GC1195	26.92	0.00	0.00	9.72	16.16	0.01	11.14	0.600
GC1196	26.92	0.00	0.00	9.70	16.18	0.01	10.65	0.601
GC1197	26.92	0.00	0.00	9.68	16.20	0.01	11.46	0.602
GC1198	26.92	0.00	0.00	9.79	16.09	0.01	12.03	0.598
GC1199	26.92	0.00	0.00	9.71	16.17	0.01	11.20	0.601
GC12_2	26.92	0.00	0.00	11.70	14.17	2.70	1817.72	0.526
GC12_3	26.92	0.00	0.00	10.84	15.03	1.26	1146.14	0.559
GC12_4	26.92	0.00	0.00	11.98	13.89	3.42	2023.11	0.516
GC120	26.92	0.00	0.00	20.66	5.78	0.11	105.74	0.215
GC1200	26.92	0.00	0.00	9.72	16.16	0.01	10.81	0.600
GC1201	26.92	0.00	0.00	9.74	16.14	0.01	10.97	0.600
GC1202	26.92	0.00	0.00	9.72	16.16	0.01	11.09	0.600
GC1203	26.92	0.00	0.00	9.72	16.16	0.01	11.50	0.600
GC1204	26.92	0.00	0.00	9.69	16.19	0.01	11.77	0.602
GC1205	26.92	0.00	0.00	9.72	16.16	0.01	11.54	0.600
GC1206	26.92	0.00	0.00	9.72	16.16	0.01	11.57	0.600
GC1207	26.92	0.00	0.00	9.71	16.17	0.01	11.58	0.601
GC1208	26.92	0.00	0.00	9.66	16.22	0.01	11.99	0.603
GC1209	26.92	0.00	0.00	9.69	16.19	0.01	11.74	0.601
GC121	26.92	0.00	0.00	7.52	18.28	0.04	42.31	0.679
GC1210	26.92	0.00	0.00	9.69	16.19	0.01	11.70	0.602
GC1211	26.92	0.00	0.00	9.69	16.19	0.01	11.74	0.601
GC1212	26.92	0.00	0.00	9.77	16.11	0.01	6.75	0.599
GC1213	26.92	0.00	0.00	13.99	12.13	0.01	8.83	0.451
GC1214	26.92	0.00	0.00	9.82	16.06	0.01	6.58	0.597
GC1215	26.92	0.00	0.00	9.63	16.25	0.01	7.34	0.604
GC1216	26.92	0.00	0.00	14.05	12.07	0.01	8.60	0.449
GC1217	26.92	0.00	0.00	14.07	12.05	0.01	8.79	0.448
GC1218	26.92	0.00	0.00	14.07	12.05	0.01	8.81	0.448
GC1219	26.92	0.00	0.00	14.02	12.10	0.01	8.78	0.450
GC122	26.92	0.00	0.00	16.31	9.97	0.01	7.41	0.370
GC1220	26.92	0.00	0.00	14.16	11.96	0.01	8.31	0.444
GC1221	26.92	0.00	0.00	14.04	12.08	0.01	8.52	0.449
GC1222	26.92	0.00	0.00	14.01	12.11	0.01	8.43	0.450
GC1223	26.92	0.00	0.00	17.79	8.49	0.02	14.41	0.315
GC1224	26.92	0.00	0.00	16.60	9.68	0.01	6.95	0.360
GC1225	26.92	0.00	0.00	16.73	9.55	0.01	6.40	0.355
GC1226	26.92	0.00	0.00	14.08	12.04	0.01	8.26	0.447
GC1227	26.92	0.00	0.00	16.52	9.76	0.01	7.70	0.363
GC1228	26.92	0.00	0.00	7.48	18.31	0.03	36.02	0.680
GC1229	26.92	0.00	0.00	9.61	16.27	0.01	7.39	0.604
GC123	26.92	0.00	0.00	13.61	12.51	0.01	6.62	0.465
GC1230	26.92	0.00	0.00	16.74	9.54	0.01	6.64	0.354
GC1231	26.92	0.00	0.00	18.49	7.79	0.03	21.88	0.289
GC1232	26.92	0.00	0.00	17.61	8.67	0.01	12.85	0.322
GC1233	26.92	0.00	0.00	16.65	9.62	0.01	6.94	0.358
GC1234	26.92	0.00	0.00	9.58	16.21	0.06	48.76	0.602
GC1235	26.92	0.00	0.00	16.51	9.77	0.01	7.25	0.363
GC1236	26.92	0.00	0.00	16.53	9.75	0.01	7.29	0.362
GC1237	26.92	0.00	0.00	16.53	9.75	0.01	7.26	0.362
GC1238	26.92	0.00	0.00	16.53	9.75	0.01	7.25	0.362
GC1239	26.92	0.00	0.00	9.54	16.34	0.01	7.90	0.607

GC124	26.92	0.00	0.00	13.77	12.35	0.01	7.99	0.459
GC1240	26.92	0.00	0.00	9.82	16.06	0.01	6.56	0.597
GC1241	26.92	0.00	0.00	16.72	9.56	0.01	7.60	0.355
GC1242	26.92	0.00	0.00	9.81	16.07	0.01	6.60	0.597
GC1243	26.92	0.00	0.00	16.83	9.45	0.01	6.93	0.351
GC1244	26.92	0.00	0.00	16.48	9.80	0.01	6.79	0.364
GC1245	26.92	0.00	0.00	7.36	18.44	0.02	25.28	0.685
GC1246	26.92	0.00	0.00	16.62	9.66	0.01	7.92	0.359
GC1247	26.92	0.00	0.00	16.79	9.49	0.01	6.68	0.352
GC1248	26.92	0.00	0.00	16.83	9.45	0.01	7.41	0.351
GC1249	26.92	0.00	0.00	7.39	18.41	0.02	28.67	0.684
GC125	26.92	0.00	0.00	16.51	9.77	0.01	8.03	0.363
GC1250	26.92	0.00	0.00	9.58	16.30	0.01	7.61	0.606
GC1251	26.92	0.00	0.00	16.66	9.61	0.01	6.52	0.357
GC1252	26.92	0.00	0.00	24.99	1.85	0.00	2.84	0.069
GC1253	26.92	0.00	0.00	16.58	9.70	0.01	6.44	0.360
GC1254	26.92	0.00	0.00	16.75	9.53	0.01	5.94	0.354
GC1255	26.92	0.00	0.00	7.53	18.27	0.04	39.86	0.679
GC1256	26.92	0.00	0.00	7.59	18.21	0.04	46.13	0.676
GC1257	26.92	0.00	0.00	9.79	16.09	0.01	6.67	0.598
GC1258	26.92	0.00	0.00	9.84	16.04	0.01	6.51	0.596
GC1259	26.92	0.00	0.00	9.65	16.23	0.01	8.93	0.603
GC126	26.92	0.00	0.00	9.82	16.06	0.01	15.60	0.596
GC1260	26.92	0.00	0.00	7.52	18.28	0.03	37.54	0.679
GC1261	26.92	0.00	0.00	8.69	17.11	0.02	20.98	0.636
GC1262	26.92	0.00	0.00	7.29	18.50	0.02	20.58	0.687
GC1263	26.92	0.00	0.00	16.69	9.59	0.01	6.23	0.356
GC1264	26.92	0.00	0.00	7.80	17.99	0.13	98.49	0.668
GC1265	26.92	0.00	0.00	16.65	9.63	0.01	6.90	0.358
GC1266	26.92	0.00	0.00	9.65	16.23	0.01	8.89	0.603
GC1267	26.92	0.00	0.00	7.50	18.30	0.03	37.73	0.680
GC1268	26.92	0.00	0.00	16.71	9.57	0.01	6.49	0.356
GC1269	26.92	0.00	0.00	14.46	11.66	0.01	12.42	0.433
GC127	26.92	0.00	0.00	16.44	9.84	0.01	6.42	0.366
GC1270	26.92	0.00	0.00	9.79	16.09	0.01	6.66	0.598
GC1271	26.92	0.00	0.00	9.88	16.00	0.01	6.38	0.594
GC1272	26.92	0.00	0.00	16.63	9.65	0.01	6.91	0.359
GC1273	26.92	0.00	0.00	9.64	16.23	0.01	8.83	0.603
GC1274	26.92	0.00	0.00	16.48	9.80	0.01	6.23	0.364
GC1275	26.92	0.00	0.00	7.63	18.17	0.05	53.27	0.675
GC1276	26.92	0.00	0.00	7.42	18.37	0.03	30.25	0.683
GC1277	26.92	0.00	0.00	7.53	18.27	0.04	44.62	0.679
GC1278	26.92	0.00	0.00	25.20	1.63	0.00	2.48	0.061
GC1279	26.92	0.00	0.00	7.56	18.24	0.05	49.56	0.677
GC128	26.92	0.00	0.00	16.48	9.80	0.01	6.81	0.364
GC1280	26.92	0.00	0.00	16.66	9.62	0.01	6.16	0.357
GC1281	26.92	0.00	0.00	16.63	9.65	0.01	6.23	0.358
GC1282	26.92	0.00	0.00	14.47	11.65	0.01	12.57	0.433
GC1283	26.92	0.00	0.00	16.73	9.55	0.01	6.11	0.355
GC1284	26.92	0.00	0.00	7.69	18.11	0.07	63.12	0.673
GC1285	26.92	0.00	0.00	9.64	16.24	0.01	8.87	0.603
GC1286	26.92	0.00	0.00	7.20	18.59	0.01	16.54	0.691
GC1287	26.92	0.00	0.00	16.61	9.67	0.01	6.10	0.359
GC1288	26.92	0.00	0.00	25.75	1.09	0.01	4.41	0.041
GC1289	26.92	0.00	0.00	9.80	16.08	0.01	6.64	0.597
GC129	26.92	0.00	0.00	13.60	12.52	0.01	6.82	0.465
GC1290	26.92	0.00	0.00	9.86	16.02	0.01	6.45	0.595
GC1291	26.92	0.00	0.00	9.67	16.20	0.01	8.75	0.602
GC1292	26.92	0.00	0.00	17.77	8.51	0.02	14.57	0.316
GC1293	26.92	0.00	0.00	14.33	11.78	0.01	9.06	0.438
GC1294	26.92	0.00	0.00	16.61	9.67	0.01	6.42	0.359
GC1295	26.92	0.00	0.00	14.00	12.12	0.01	8.48	0.450
GC1296	26.92	0.00	0.00	14.35	11.77	0.01	8.32	0.437
GC1297	26.92	0.00	0.00	16.68	9.60	0.01	6.80	0.357
GC1298	26.92	0.00	0.00	16.66	9.62	0.01	6.53	0.357
GC1299	26.92	0.00	0.00	9.71	16.17	0.01	10.16	0.601
GC13	26.92	0.00	0.00	7.91	17.88	0.32	169.43	0.664
GC130	26.92	0.00	0.00	16.41	9.87	0.01	7.60	0.367
GC1300	26.92	0.00	0.00	8.66	17.14	0.02	21.32	0.637
GC1301	26.92	0.00	0.00	7.49	18.31	0.03	36.68	0.680
GC1302	26.92	0.00	0.00	16.99	9.29	0.01	8.41	0.345
GC1303	26.92	0.00	0.00	16.67	9.61	0.01	8.93	0.357
GC1304	26.92	0.00	0.00	14.40	11.72	0.01	8.08	0.435
GC1305	26.92	0.00	0.00	16.54	9.73	0.01	6.61	0.362
GC1306	26.92	0.00	0.00	8.68	17.12	0.02	19.44	0.636

GC1307	26.92	0.00	0.00	9.75	16.13	0.01	6.80	0.599
GC1308	26.92	0.00	0.00	9.80	16.08	0.01	6.63	0.597
GC1309	26.92	0.00	0.00	14.36	11.76	0.01	8.61	0.437
GC131	26.92	0.00	0.00	18.70	7.57	0.10	81.76	0.281
GC1310	26.92	0.00	0.00	16.66	9.62	0.01	6.15	0.357
GC1311	26.92	0.00	0.00	16.61	9.67	0.01	6.29	0.359
GC1312	26.92	0.00	0.00	17.58	8.70	0.01	13.91	0.323
GC1313	26.92	0.00	0.00	16.41	9.87	0.01	7.81	0.367
GC1314	26.92	0.00	0.00	14.39	11.73	0.01	7.98	0.436
GC1315	26.92	0.00	0.00	13.93	12.19	0.01	8.11	0.453
GC1316	26.92	0.00	0.00	16.77	9.51	0.01	6.35	0.353
GC1317	26.92	0.00	0.00	14.73	11.39	0.01	10.69	0.423
GC1318	26.92	0.00	0.00	16.58	9.70	0.01	6.50	0.360
GC1319	26.92	0.00	0.00	14.39	11.73	0.01	8.46	0.436
GC132	26.92	0.00	0.00	18.76	7.51	0.10	85.16	0.279
GC1320	26.92	0.00	0.00	16.51	9.77	0.01	8.24	0.363
GC1321	26.92	0.00	0.00	16.65	9.63	0.01	9.31	0.358
GC1322	26.92	0.00	0.00	16.64	9.64	0.01	8.46	0.358
GC1323	26.92	0.00	0.00	16.58	9.70	0.01	8.66	0.360
GC1324	26.92	0.00	0.00	16.60	9.68	0.01	8.58	0.360
GC1325	26.92	0.00	0.00	14.33	11.79	0.01	8.40	0.438
GC1326	26.92	0.00	0.00	14.42	11.70	0.01	8.34	0.434
GC1327	26.92	0.00	0.00	14.36	11.76	0.01	11.66	0.437
GC1328	26.92	0.00	0.00	16.77	9.51	0.01	9.15	0.353
GC1329	26.92	0.00	0.00	9.77	16.11	0.01	6.72	0.598
GC133	26.92	0.00	0.00	18.54	7.74	0.10	87.33	0.287
GC1330	26.92	0.00	0.00	9.85	16.03	0.01	6.47	0.595
GC1331	26.92	0.00	0.00	13.97	12.15	0.01	7.79	0.451
GC1332	26.92	0.00	0.00	7.71	18.08	0.07	66.35	0.672
GC1333	26.92	0.00	0.00	16.92	9.35	0.01	9.26	0.348
GC1334	26.92	0.00	0.00	16.49	9.79	0.01	6.45	0.364
GC1335	26.92	0.00	0.00	5.05	20.58	0.08	75.47	0.765
GC1336	26.92	0.00	0.00	9.91	15.88	0.07	52.00	0.590
GC1337	26.92	0.00	0.00	13.58	12.54	0.01	8.33	0.466
GC1338	26.92	0.00	0.00	16.78	9.50	0.01	6.34	0.353
GC1339	26.92	0.00	0.00	16.86	9.42	0.01	7.03	0.350
GC134	26.92	0.00	0.00	16.45	9.83	0.01	6.49	0.365
GC1340	26.92	0.00	0.00	9.64	16.24	0.01	11.11	0.603
GC1341	26.92	0.00	0.00	13.50	12.62	0.01	7.12	0.469
GC1342	26.92	0.00	0.00	9.70	16.18	0.01	10.63	0.601
GC1343	26.92	0.00	0.00	16.67	9.61	0.01	6.83	0.357
GC1344	26.92	0.00	0.00	9.72	16.16	0.01	10.81	0.600
GC1345	26.92	0.00	0.00	9.69	16.19	0.01	11.11	0.602
GC1346	26.92	0.00	0.00	9.70	16.18	0.01	10.96	0.601
GC1347	26.92	0.00	0.00	9.69	16.18	0.01	10.98	0.601
GC1348	26.92	0.00	0.00	13.38	12.74	0.01	6.39	0.473
GC1349	26.92	0.00	0.00	13.41	12.70	0.01	6.66	0.472
GC135	26.92	0.00	0.00	13.42	12.70	0.01	6.62	0.472
GC1350	26.92	0.00	0.00	13.35	12.77	0.01	7.18	0.475
GC1351	26.92	0.00	0.00	13.55	12.57	0.01	7.55	0.467
GC1352	26.92	0.00	0.00	13.37	12.75	0.01	6.38	0.474
GC1353	26.92	0.00	0.00	13.32	12.80	0.00	6.10	0.475
GC1354	26.92	0.00	0.00	13.42	12.70	0.01	6.63	0.472
GC1355	26.92	0.00	0.00	13.31	12.80	0.00	6.05	0.476
GC1356	26.92	0.00	0.00	9.62	16.26	0.01	9.16	0.604
GC1357	26.92	0.00	0.00	9.61	16.27	0.01	9.21	0.604
GC1358	26.92	0.00	0.00	9.62	16.26	0.01	9.24	0.604
GC1359	26.92	0.00	0.00	9.71	16.17	0.01	11.46	0.601
GC136	26.92	0.00	0.00	25.22	1.62	0.01	5.95	0.060
GC1360	26.92	0.00	0.00	13.57	12.55	0.01	6.86	0.466
GC1361	26.92	0.00	0.00	9.62	16.26	0.01	10.22	0.604
GC1362	26.92	0.00	0.00	13.47	12.65	0.01	6.36	0.470
GC1363	26.92	0.00	0.00	13.46	12.66	0.01	6.91	0.470
GC1364	26.92	0.00	0.00	14.03	12.09	0.01	7.71	0.449
GC1365	26.92	0.00	0.00	7.40	18.40	0.02	28.01	0.684
GC1366	26.92	0.00	0.00	16.58	9.70	0.01	6.37	0.360
GC1367	26.92	0.00	0.00	16.66	9.61	0.01	6.14	0.357
GC1368	26.92	0.00	0.00	16.59	9.69	0.01	7.18	0.360
GC1369	26.92	0.00	0.00	16.81	9.47	0.01	7.40	0.352
GC137	26.92	0.00	0.00	25.49	1.18	0.05	18.65	0.044
GC1370	26.92	0.00	0.00	9.77	16.11	0.01	6.75	0.599
GC1371	26.92	0.00	0.00	9.86	16.02	0.01	6.44	0.595
GC1372	26.92	0.00	0.00	16.60	9.68	0.01	6.46	0.360
GC1373	26.92	0.00	0.00	7.81	17.98	0.15	108.77	0.668
GC1374	26.92	0.00	0.00	16.69	9.59	0.01	7.14	0.356

GC1375	26.92	0.00	0.00	7.61	18.19	0.05	53.21	0.676
GC1376	26.92	0.00	0.00	8.66	17.14	0.02	19.54	0.637
GC1377	26.92	0.00	0.00	16.74	9.54	0.01	7.37	0.354
GC1378	26.92	0.00	0.00	14.22	11.89	0.01	8.06	0.442
GC1379	26.92	0.00	0.00	8.63	17.17	0.01	17.70	0.638
GC138	26.92	0.00	0.00	13.57	12.55	0.01	6.61	0.466
GC1380	26.92	0.00	0.00	17.85	8.42	0.02	17.71	0.313
GC1381	26.92	0.00	0.00	16.68	9.59	0.01	6.22	0.356
GC1382	26.92	0.00	0.00	16.56	9.72	0.01	6.16	0.361
GC1383	26.92	0.00	0.00	9.74	16.14	0.01	6.61	0.600
GC1384	26.92	0.00	0.00	9.81	16.06	0.01	6.57	0.597
GC1385	26.92	0.00	0.00	16.98	9.29	0.01	9.50	0.345
GC1386	26.92	0.00	0.00	7.52	18.27	0.03	38.85	0.679
GC1387	26.92	0.00	0.00	16.77	9.51	0.01	6.87	0.353
GC1388	26.92	0.00	0.00	14.11	12.01	0.01	9.94	0.446
GC1389	26.92	0.00	0.00	16.84	9.43	0.01	6.39	0.350
GC139	26.92	0.00	0.00	16.52	9.76	0.01	6.65	0.363
GC1390	26.92	0.00	0.00	16.86	9.42	0.01	6.54	0.350
GC1391	26.92	0.00	0.00	7.37	18.43	0.02	29.38	0.685
GC1392	26.92	0.00	0.00	16.67	9.61	0.01	6.89	0.357
GC1393	26.92	0.00	0.00	16.56	9.72	0.01	6.41	0.361
GC1394	26.92	0.00	0.00	16.67	9.61	0.01	6.13	0.357
GC1395	26.92	0.00	0.00	16.58	9.70	0.01	6.73	0.360
GC1396	26.92	0.00	0.00	7.46	18.34	0.03	38.28	0.681
GC1397	26.92	0.00	0.00	7.29	18.51	0.02	26.46	0.688
GC1398	26.92	0.00	0.00	17.49	8.79	0.01	12.44	0.327
GC1399	26.92	0.00	0.00	9.81	16.07	0.01	6.62	0.597
GC14	26.92	0.00	0.00	25.79	1.05	0.01	5.34	0.039
GC140	26.92	0.00	0.00	13.71	12.41	0.01	7.08	0.461
GC1400	26.92	0.00	0.00	7.11	18.69	0.01	12.78	0.694
GC1401	26.92	0.00	0.00	16.55	9.73	0.01	6.18	0.361
GC1402	26.92	0.00	0.00	16.79	9.49	0.01	6.81	0.352
GC1403	26.92	0.00	0.00	25.65	1.18	0.01	3.43	0.044
GC1404	26.92	0.00	0.00	16.50	9.78	0.01	6.60	0.363
GC1405	26.92	0.00	0.00	16.64	9.64	0.01	7.77	0.358
GC1406	26.92	0.00	0.00	16.78	9.50	0.01	7.94	0.353
GC1407	26.92	0.00	0.00	16.48	9.80	0.01	6.40	0.364
GC1408	26.92	0.00	0.00	16.51	9.77	0.01	6.84	0.363
GC1409	26.92	0.00	0.00	17.28	9.00	0.01	10.84	0.334
GC141	26.92	0.00	0.00	16.42	9.86	0.01	7.21	0.366
GC1410	26.92	0.00	0.00	16.57	9.71	0.01	7.13	0.361
GC1411	26.92	0.00	0.00	7.23	18.57	0.02	20.19	0.690
GC1412	26.92	0.00	0.00	13.26	12.86	0.00	6.27	0.478
GC1413	26.92	0.00	0.00	17.76	8.52	0.01	12.33	0.316
GC1414	26.92	0.00	0.00	16.70	9.58	0.01	7.22	0.356
GC1415	26.92	0.00	0.00	9.76	16.12	0.01	6.78	0.599
GC1416	26.92	0.00	0.00	7.70	18.10	0.07	61.75	0.672
GC1417	26.92	0.00	0.00	7.54	18.26	0.04	42.45	0.678
GC1418	26.92	0.00	0.00	16.71	9.57	0.01	6.80	0.355
GC1419	26.92	0.00	0.00	16.59	9.69	0.01	6.10	0.360
GC142	26.92	0.00	0.00	16.76	9.52	0.01	7.29	0.354
GC1420	26.92	0.00	0.00	16.69	9.59	0.01	5.83	0.356
GC1421	26.92	0.00	0.00	14.33	11.79	0.01	10.83	0.438
GC1422	26.92	0.00	0.00	16.57	9.71	0.01	6.30	0.361
GC1423	26.92	0.00	0.00	16.75	9.53	0.01	6.62	0.354
GC1424	26.92	0.00	0.00	8.72	17.08	0.02	19.87	0.635
GC1425	26.92	0.00	0.00	16.77	9.51	0.01	7.56	0.353
GC1426	26.92	0.00	0.00	14.06	12.06	0.01	8.31	0.448
GC1427	26.92	0.00	0.00	17.83	8.45	0.01	12.91	0.314
GC1428	26.92	0.00	0.00	13.59	12.53	0.01	8.60	0.465
GC1429	26.92	0.00	0.00	13.76	12.35	0.01	11.64	0.459
GC143	26.92	0.00	0.00	16.75	9.52	0.01	7.23	0.354
GC1430	26.92	0.00	0.00	17.29	8.99	0.01	8.69	0.334
GC1431	26.92	0.00	0.00	14.15	11.97	0.01	8.55	0.445
GC1432	26.92	0.00	0.00	13.41	12.70	0.01	8.16	0.472
GC1433	26.92	0.00	0.00	9.84	16.04	0.01	6.50	0.596
GC1434	26.92	0.00	0.00	13.33	12.79	0.01	6.29	0.475
GC1435	26.92	0.00	0.00	13.57	12.55	0.01	10.69	0.466
GC1436	26.92	0.00	0.00	13.48	12.64	0.01	7.51	0.470
GC1437	26.92	0.00	0.00	8.82	16.98	0.02	23.89	0.631
GC1438	26.92	0.00	0.00	7.74	18.06	0.08	72.02	0.671
GC1439	26.92	0.00	0.00	25.89	0.94	0.02	11.79	0.035
GC144	26.92	0.00	0.00	16.71	9.57	0.01	8.60	0.356
GC1440	26.92	0.00	0.00	13.38	12.74	0.01	6.38	0.473
GC1441	26.92	0.00	0.00	7.97	17.80	0.42	156.39	0.661

GC1442	26.92	0.00	0.00	17.55	8.73	0.01	12.71	0.324
GC1443	26.92	0.00	0.00	16.66	9.62	0.01	8.65	0.357
GC1444	26.92	0.00	0.00	13.48	12.64	0.01	7.16	0.470
GC1445	26.92	0.00	0.00	16.60	9.68	0.01	6.67	0.360
GC1446	26.92	0.00	0.00	13.32	12.80	0.01	6.66	0.476
GC1447	26.92	0.00	0.00	13.30	12.82	0.01	7.04	0.476
GC1448	26.92	0.00	0.00	16.56	9.72	0.01	6.17	0.361
GC1449	26.92	0.00	0.00	16.55	9.73	0.01	6.31	0.361
GC145	26.92	0.00	0.00	16.83	9.45	0.01	7.28	0.351
GC1450	26.92	0.00	0.00	13.44	12.68	0.01	6.76	0.471
GC1451	26.92	0.00	0.00	13.36	12.76	0.01	6.41	0.474
GC1452	26.92	0.00	0.00	13.63	12.48	0.01	9.00	0.464
GC1453	26.92	0.00	0.00	13.26	12.86	0.01	6.62	0.478
GC1454	26.92	0.00	0.00	7.73	18.07	0.08	67.23	0.671
GC1455	26.92	0.00	0.00	13.33	12.79	0.00	6.27	0.475
GC1456	26.92	0.00	0.00	14.19	11.93	0.01	8.45	0.443
GC1457	26.92	0.00	0.00	13.31	12.80	0.00	5.86	0.476
GC1458	26.92	0.00	0.00	13.38	12.74	0.01	6.52	0.473
GC1459	26.92	0.00	0.00	17.97	8.30	0.02	14.19	0.308
GC146	26.92	0.00	0.00	7.50	18.30	0.04	42.81	0.680
GC1460	26.92	0.00	0.00	13.17	12.95	0.00	5.37	0.481
GC1461	26.92	0.00	0.00	16.57	9.71	0.01	7.06	0.361
GC1462	26.92	0.00	0.00	16.39	9.88	0.01	7.69	0.367
GC1463	26.92	0.00	0.00	16.52	9.76	0.01	7.22	0.363
GC1464	26.92	0.00	0.00	16.45	9.83	0.01	7.46	0.365
GC1465	26.92	0.00	0.00	16.55	9.73	0.01	8.36	0.362
GC1466	26.92	0.00	0.00	17.55	8.73	0.01	11.48	0.324
GC1467	26.92	0.00	0.00	16.62	9.66	0.01	6.75	0.359
GC1468	26.92	0.00	0.00	16.68	9.60	0.01	6.62	0.357
GC1469	26.92	0.00	0.00	8.72	17.08	0.02	19.68	0.635
GC147	26.92	0.00	0.00	13.47	12.64	0.00	5.85	0.470
GC1470	26.92	0.00	0.00	16.64	9.64	0.01	7.94	0.358
GC1471	26.92	0.00	0.00	16.65	9.63	0.01	6.95	0.358
GC1472	26.92	0.00	0.00	16.83	9.44	0.01	7.53	0.351
GC1473	26.92	0.00	0.00	16.42	9.86	0.01	6.55	0.366
GC1474	26.92	0.00	0.00	16.54	9.74	0.01	6.24	0.362
GC1475	26.92	0.00	0.00	16.60	9.68	0.01	6.06	0.360
GC1476	26.92	0.00	0.00	8.72	17.08	0.02	20.31	0.635
GC1477	26.92	0.00	0.00	8.70	17.10	0.02	19.45	0.635
GC1478	26.92	0.00	0.00	8.72	17.08	0.02	19.18	0.635
GC1479	26.92	0.00	0.00	13.33	12.79	0.01	6.32	0.475
GC148	26.92	0.00	0.00	16.53	9.74	0.01	6.35	0.362
GC1480	26.92	0.00	0.00	13.55	12.56	0.01	10.06	0.467
GC1481	26.92	0.00	0.00	9.95	15.93	0.01	7.93	0.592
GC1482	26.92	0.00	0.00	8.77	17.03	0.02	20.67	0.633
GC1483	26.92	0.00	0.00	7.55	18.25	0.04	43.09	0.678
GC1484	26.92	0.00	0.00	14.10	12.02	0.01	7.45	0.447
GC1485	26.92	0.00	0.00	16.61	9.67	0.01	6.68	0.359
GC1486	26.92	0.00	0.00	17.59	8.68	0.01	12.01	0.323
GC1487	26.92	0.00	0.00	16.71	9.57	0.01	6.73	0.356
GC1488	26.92	0.00	0.00	16.42	9.86	0.01	7.79	0.366
GC1489	26.92	0.00	0.00	8.72	17.07	0.02	20.22	0.634
GC149	26.92	0.00	0.00	16.55	9.73	0.01	6.17	0.362
GC1490	26.92	0.00	0.00	7.27	18.52	0.02	20.59	0.688
GC1491	26.92	0.00	0.00	13.66	12.46	0.01	11.94	0.463
GC1492	26.92	0.00	0.00	13.45	12.67	0.01	7.19	0.471
GC1493	26.92	0.00	0.00	16.45	9.83	0.01	6.51	0.365
GC1494	26.92	0.00	0.00	17.45	8.83	0.01	11.68	0.328
GC1495	26.92	0.00	0.00	16.62	9.66	0.01	5.90	0.359
GC1496	26.92	0.00	0.00	13.33	12.79	0.01	6.30	0.475
GC1497	26.92	0.00	0.00	24.87	1.97	0.00	1.18	0.073
GC1498	26.92	0.00	0.00	16.82	9.46	0.01	6.93	0.351
GC1499	26.92	0.00	0.00	16.85	9.43	0.01	7.52	0.350
GC15	26.92	0.00	0.00	25.83	1.01	0.01	6.51	0.037
GC150	26.92	0.00	0.00	7.74	18.05	0.09	75.38	0.671
GC1500	26.92	0.00	0.00	17.52	8.76	0.01	11.49	0.326
GC1501	26.92	0.00	0.00	16.73	9.55	0.01	6.69	0.355
GC1502	26.92	0.00	0.00	17.17	9.11	0.01	10.04	0.338
GC1503	26.92	0.00	0.00	16.56	9.72	0.01	6.17	0.361
GC1504	26.92	0.00	0.00	17.60	8.68	0.01	11.53	0.322
GC1505	26.92	0.00	0.00	16.71	9.57	0.01	6.57	0.356
GC1506	26.92	0.00	0.00	13.72	12.39	0.01	12.73	0.460
GC1507	26.92	0.00	0.00	17.25	9.03	0.01	12.25	0.335
GC1508	26.92	0.00	0.00	17.15	9.13	0.01	12.76	0.339
GC1509	26.92	0.00	0.00	7.26	18.54	0.01	18.54	0.689

GC151	26.92	0.00	0.00	16.67	9.61	0.01	6.85	0.357
GC1510	26.92	0.00	0.00	13.35	12.77	0.01	6.36	0.474
GC1511	26.92	0.00	0.00	16.79	9.49	0.01	6.52	0.352
GC1512	26.92	0.00	0.00	13.35	12.77	0.01	6.24	0.474
GC1513	26.92	0.00	0.00	16.45	9.82	0.01	7.96	0.365
GC1514	26.92	0.00	0.00	7.33	18.47	0.02	25.06	0.686
GC1515	26.92	0.00	0.00	17.44	8.84	0.01	11.69	0.328
GC1516	26.92	0.00	0.00	16.45	9.83	0.01	6.51	0.365
GC1517	26.92	0.00	0.00	7.72	18.07	0.08	70.36	0.671
GC1518	26.92	0.00	0.00	16.75	9.53	0.01	6.53	0.354
GC1519	26.92	0.00	0.00	13.22	12.90	0.01	7.19	0.479
GC152	26.92	0.00	0.00	16.64	9.64	0.01	6.93	0.358
GC1520	26.92	0.00	0.00	14.20	11.92	0.01	9.31	0.443
GC1521	26.92	0.00	0.00	16.91	9.37	0.01	7.29	0.348
GC1522	26.92	0.00	0.00	16.71	9.57	0.01	6.78	0.355
GC1523	26.92	0.00	0.00	14.20	11.92	0.01	9.16	0.443
GC1524	26.92	0.00	0.00	17.79	8.49	0.02	13.72	0.315
GC1525	26.92	0.00	0.00	7.52	18.28	0.04	42.31	0.679
GC1526	26.92	0.00	0.00	14.20	11.91	0.01	8.85	0.443
GC1527	26.92	0.00	0.00	7.76	18.03	0.09	72.05	0.670
GC1528	26.92	0.00	0.00	7.57	18.23	0.05	49.65	0.677
GC1529	26.92	0.00	0.00	16.73	9.55	0.01	6.82	0.355
GC153	26.92	0.00	0.00	16.68	9.60	0.01	6.83	0.357
GC1530	26.92	0.00	0.00	14.07	12.05	0.01	8.63	0.447
GC1531	26.92	0.00	0.00	13.54	12.58	0.01	6.66	0.467
GC1532	26.92	0.00	0.00	16.70	9.58	0.01	6.78	0.356
GC1533	26.92	0.00	0.00	14.18	11.94	0.01	8.72	0.444
GC1534	26.92	0.00	0.00	13.38	12.74	0.00	6.15	0.473
GC1535	26.92	0.00	0.00	13.33	12.79	0.01	6.31	0.475
GC1536	26.92	0.00	0.00	16.76	9.52	0.01	6.30	0.354
GC1538	26.92	0.00	0.00	17.22	9.06	0.01	10.28	0.337
GC1539	26.92	0.00	0.00	16.75	9.53	0.01	8.78	0.354
GC154	26.92	0.00	0.00	16.56	9.72	0.01	7.88	0.361
GC1540	26.92	0.00	0.00	7.90	17.88	0.28	152.11	0.664
GC1541	26.92	0.00	0.00	14.31	11.81	0.01	10.13	0.439
GC1543	26.92	0.00	0.00	14.15	11.97	0.01	7.91	0.445
GC1544	26.92	0.00	0.00	16.58	9.70	0.01	6.23	0.360
GC1545	26.92	0.00	0.00	16.76	9.52	0.01	7.45	0.354
GC1546	26.92	0.00	0.00	13.20	12.91	0.01	6.83	0.480
GC1547	26.92	0.00	0.00	16.57	9.70	0.01	7.50	0.361
GC1548	26.92	0.00	0.00	16.45	9.83	0.01	8.14	0.365
GC1549	26.92	0.00	0.00	16.53	9.75	0.01	7.84	0.362
GC155	26.92	0.00	0.00	9.79	16.09	0.01	13.15	0.598
GC1550	26.92	0.00	0.00	16.49	9.79	0.01	8.05	0.364
GC1551	26.92	0.00	0.00	16.49	9.79	0.01	7.98	0.364
GC1552	26.92	0.00	0.00	17.62	8.66	0.01	10.95	0.322
GC1553	26.92	0.00	0.00	16.42	9.86	0.01	7.34	0.366
GC1554	26.92	0.00	0.00	16.91	9.37	0.01	7.60	0.348
GC1555	26.92	0.00	0.00	16.67	9.60	0.01	6.82	0.357
GC1556	26.92	0.00	0.00	16.92	9.36	0.01	7.60	0.348
GC1557	26.92	0.00	0.00	16.65	9.63	0.01	7.81	0.358
GC1558	26.92	0.00	0.00	17.28	9.00	0.01	11.12	0.334
GC1559	26.92	0.00	0.00	16.61	9.67	0.01	6.90	0.359
GC156	26.92	0.00	0.00	9.69	16.19	0.01	12.03	0.602
GC1560	26.92	0.00	0.00	14.09	12.03	0.01	7.41	0.447
GC1561	26.92	0.00	0.00	7.41	18.39	0.03	30.80	0.683
GC1562	26.92	0.00	0.00	13.40	12.72	0.01	6.94	0.472
GC1563	26.92	0.00	0.00	13.59	12.53	0.01	6.61	0.465
GC1564	26.92	0.00	0.00	13.31	12.80	0.01	6.35	0.476
GC1565	26.92	0.00	0.00	16.68	9.60	0.01	6.50	0.356
GC1567	26.92	0.00	0.00	16.68	9.60	0.01	7.05	0.357
GC1568	26.92	0.00	0.00	16.64	9.64	0.01	6.05	0.358
GC1569	26.92	0.00	0.00	17.01	9.27	0.01	8.21	0.344
GC157	26.92	0.00	0.00	16.69	9.59	0.01	7.48	0.356
GC1570	26.92	0.00	0.00	14.15	11.97	0.01	7.91	0.445
GC1571	26.92	0.00	0.00	16.92	9.36	0.01	8.03	0.348
GC1572	26.92	0.00	0.00	13.24	12.88	0.01	6.80	0.479
GC1573	26.92	0.00	0.00	17.47	8.81	0.01	13.29	0.327
GC1574	26.92	0.00	0.00	16.75	9.53	0.01	7.00	0.354
GC1575	26.92	0.00	0.00	14.31	11.81	0.01	10.53	0.439
GC1576	26.92	0.00	0.00	13.39	12.73	0.01	6.69	0.473
GC1577	26.92	0.00	0.00	13.51	12.61	0.01	6.89	0.468
GC1578	26.92	0.00	0.00	13.40	12.71	0.01	6.67	0.472
GC1579	26.92	0.00	0.00	13.42	12.70	0.01	6.64	0.472
GC158	26.92	0.00	0.00	13.87	12.25	0.01	8.26	0.455

GC1580	26.92	0.00	0.00	13.42	12.70	0.01	7.07	0.472
GC1581	26.92	0.00	0.00	13.43	12.69	0.01	6.59	0.471
GC1582	26.92	0.00	0.00	7.87	17.91	0.23	142.75	0.666
GC1583	26.92	0.00	0.00	13.40	12.72	0.01	6.67	0.472
GC1584	26.92	0.00	0.00	13.58	12.54	0.01	6.95	0.466
GC1585	26.92	0.00	0.00	24.92	1.92	0.00	2.30	0.071
GC1586	26.92	0.00	0.00	13.83	12.29	0.01	9.28	0.457
GC1587	26.92	0.00	0.00	8.68	17.12	0.02	20.83	0.636
GC1588	26.92	0.00	0.00	13.29	12.83	0.01	6.40	0.477
GC1589	26.92	0.00	0.00	13.38	12.74	0.01	6.51	0.473
GC159	26.92	0.00	0.00	13.45	12.67	0.01	6.54	0.471
GC1590	26.92	0.00	0.00	13.66	12.46	0.01	10.97	0.463
GC1591	26.92	0.00	0.00	7.59	18.21	0.05	50.70	0.676
GC1592	26.92	0.00	0.00	7.83	17.96	0.13	90.65	0.667
GC1593	26.92	0.00	0.00	17.47	8.81	0.01	11.47	0.327
GC1594	26.92	0.00	0.00	16.85	9.43	0.01	7.31	0.350
GC1595	26.92	0.00	0.00	13.59	12.53	0.01	6.64	0.465
GC1596	26.92	0.00	0.00	16.87	9.41	0.01	7.66	0.350
GC1597	26.92	0.00	0.00	16.38	9.90	0.01	7.23	0.368
GC1598	26.92	0.00	0.00	16.66	9.62	0.01	6.61	0.357
GC1599	26.92	0.00	0.00	7.39	18.41	0.03	32.45	0.684
GC16	26.92	0.00	0.00	7.95	17.82	0.43	176.01	0.662
GC160	26.92	0.00	0.00	17.00	9.27	0.01	8.80	0.345
GC1600	26.92	0.00	0.00	16.92	9.36	0.01	7.53	0.348
GC1601	26.92	0.00	0.00	8.72	17.08	0.02	19.16	0.634
GC1602	26.92	0.00	0.00	8.71	17.09	0.02	19.30	0.635
GC1603	26.92	0.00	0.00	16.66	9.62	0.01	5.91	0.357
GC1604	26.92	0.00	0.00	8.88	16.92	0.02	24.77	0.629
GC1605	26.92	0.00	0.00	16.56	9.72	0.01	6.17	0.361
GC1606	26.92	0.00	0.00	8.76	17.04	0.02	19.19	0.633
GC1607	26.92	0.00	0.00	12.67	13.45	0.02	29.01	0.500
GC1608	26.92	0.00	0.00	16.64	9.64	0.01	6.43	0.358
GC1609	26.92	0.00	0.00	13.25	12.87	0.01	6.79	0.478
GC161	26.92	0.00	0.00	16.65	9.63	0.01	6.09	0.358
GC1610	26.92	0.00	0.00	16.74	9.54	0.01	6.76	0.354
GC1611	26.92	0.00	0.00	16.49	9.79	0.01	7.90	0.364
GC1612	26.92	0.00	0.00	17.39	8.89	0.01	11.30	0.330
GC1613	26.92	0.00	0.00	7.59	18.20	0.06	63.49	0.676
GC1614	26.92	0.00	0.00	16.68	9.60	0.01	6.41	0.357
GC1615	26.92	0.00	0.00	13.33	12.79	0.01	6.30	0.475
GC1616	26.92	0.00	0.00	13.46	12.65	0.01	6.54	0.470
GC1617	26.92	0.00	0.00	13.21	12.91	0.00	6.32	0.479
GC1618	26.92	0.00	0.00	13.58	12.54	0.01	7.19	0.466
GC1619	26.92	0.00	0.00	17.47	8.81	0.01	11.79	0.327
GC162	26.92	0.00	0.00	13.65	12.47	0.01	6.49	0.463
GC1620	26.92	0.00	0.00	16.71	9.57	0.01	6.78	0.356
GC1621	26.92	0.00	0.00	14.04	12.08	0.01	7.85	0.449
GC1622	26.92	0.00	0.00	7.36	18.44	0.03	33.87	0.685
GC1623	26.92	0.00	0.00	7.29	18.50	0.02	25.68	0.687
GC1624	26.92	0.00	0.00	13.28	12.83	0.01	6.70	0.477
GC1625	26.92	0.00	0.00	16.71	9.57	0.01	7.64	0.355
GC1626	26.92	0.00	0.00	16.49	9.79	0.01	7.40	0.364
GC1628	26.92	0.00	0.00	16.73	9.55	0.01	6.31	0.355
GC1629	26.92	0.00	0.00	16.72	9.55	0.01	6.81	0.355
GC163	26.92	0.00	0.00	16.49	9.78	0.01	8.39	0.363
GC1630	26.92	0.00	0.00	25.42	1.42	0.01	6.51	0.053
GC1631	26.92	0.00	0.00	16.88	9.40	0.01	7.09	0.349
GC1632	26.92	0.00	0.00	16.54	9.73	0.01	6.67	0.362
GC1633	26.92	0.00	0.00	13.35	12.77	0.01	6.30	0.474
GC1634	26.92	0.00	0.00	14.30	11.82	0.01	8.59	0.439
GC1635	26.92	0.00	0.00	17.18	9.10	0.01	11.06	0.338
GC1636	26.92	0.00	0.00	13.25	12.87	0.01	6.94	0.478
GC1637	26.92	0.00	0.00	13.48	12.64	0.01	6.50	0.470
GC1638	26.92	0.00	0.00	16.61	9.67	0.01	6.13	0.359
GC1639	26.92	0.00	0.00	7.42	18.38	0.02	29.87	0.683
GC164	26.92	0.00	0.00	16.51	9.77	0.01	7.84	0.363
GC1640	26.92	0.00	0.00	25.62	1.22	0.01	4.07	0.045
GC1641	26.92	0.00	0.00	17.26	9.02	0.01	11.66	0.335
GC1642	26.92	0.00	0.00	7.77	18.02	0.12	96.06	0.669
GC1643	26.92	0.00	0.00	7.74	18.05	0.08	69.33	0.671
GC1644	26.92	0.00	0.00	13.59	12.53	0.01	7.55	0.466
GC1645	26.92	0.00	0.00	7.67	18.12	0.06	58.97	0.673
GC1646	26.92	0.00	0.00	13.28	12.84	0.01	6.71	0.477
GC1647	26.92	0.00	0.00	14.39	11.73	0.01	8.55	0.436
GC1648	26.92	0.00	0.00	16.80	9.48	0.01	7.24	0.352

GC1649	26.92	0.00	0.00	14.06	12.05	0.01	7.47	0.448
GC165	26.92	0.00	0.00	13.77	12.35	0.01	8.15	0.459
GC1650	26.92	0.00	0.00	16.77	9.51	0.01	9.32	0.353
GC1651	26.92	0.00	0.00	16.67	9.61	0.01	6.85	0.357
GC1652	26.92	0.00	0.00	13.35	12.76	0.01	6.27	0.474
GC1653	26.92	0.00	0.00	16.54	9.74	0.01	8.27	0.362
GC1654	26.92	0.00	0.00	16.67	9.61	0.01	7.75	0.357
GC1655	26.92	0.00	0.00	13.63	12.49	0.01	11.02	0.464
GC1656	26.92	0.00	0.00	13.29	12.83	0.00	5.98	0.477
GC1657	26.92	0.00	0.00	16.46	9.81	0.01	7.49	0.365
GC1658	26.92	0.00	0.00	17.23	9.05	0.01	11.41	0.336
GC1659	26.92	0.00	0.00	14.20	11.92	0.01	7.83	0.443
GC166	26.92	0.00	0.00	16.34	9.94	0.01	7.47	0.369
GC1660	26.92	0.00	0.00	16.86	9.42	0.01	7.25	0.350
GC1661	26.92	0.00	0.00	16.52	9.75	0.01	6.52	0.362
GC1662	26.92	0.00	0.00	13.45	12.67	0.01	8.37	0.471
GC1663	26.92	0.00	0.00	13.46	12.66	0.01	8.37	0.470
GC1664	26.92	0.00	0.00	13.42	12.70	0.01	7.69	0.472
GC1665	26.92	0.00	0.00	13.26	12.86	0.01	6.77	0.478
GC1666	26.92	0.00	0.00	16.91	9.37	0.01	9.50	0.348
GC1667	26.92	0.00	0.00	13.54	12.58	0.01	7.62	0.467
GC1668	26.92	0.00	0.00	16.69	9.59	0.01	7.63	0.356
GC1669	26.92	0.00	0.00	13.39	12.73	0.01	6.33	0.473
GC167	26.92	0.00	0.00	7.67	18.13	0.06	58.06	0.673
GC1670	26.92	0.00	0.00	13.41	12.71	0.01	6.27	0.472
GC1671	26.92	0.00	0.00	13.75	12.36	0.01	7.92	0.459
GC1672	26.92	0.00	0.00	13.28	12.84	0.00	6.03	0.477
GC1673	26.92	0.00	0.00	13.31	12.81	0.00	5.95	0.476
GC1674	26.92	0.00	0.00	16.68	9.60	0.01	7.74	0.357
GC1675	26.92	0.00	0.00	13.33	12.79	0.00	5.92	0.475
GC1676	26.92	0.00	0.00	13.27	12.85	0.00	6.05	0.477
GC1677	26.92	0.00	0.00	13.35	12.77	0.00	6.23	0.475
GC1678	26.92	0.00	0.00	13.36	12.76	0.00	5.85	0.474
GC1679	26.92	0.00	0.00	13.31	12.81	0.00	5.93	0.476
GC168	26.92	0.00	0.00	16.91	9.37	0.01	9.78	0.348
GC1680	26.92	0.00	0.00	13.41	12.71	0.00	5.91	0.472
GC1681	26.92	0.00	0.00	16.57	9.71	0.01	7.93	0.361
GC1682	26.92	0.00	0.00	16.78	9.50	0.01	8.73	0.353
GC1683	26.92	0.00	0.00	13.26	12.85	0.00	5.99	0.478
GC1684	26.92	0.00	0.00	13.31	12.80	0.01	6.38	0.476
GC1685	26.92	0.00	0.00	24.63	2.21	0.00	1.54	0.082
GC1686	26.92	0.00	0.00	13.31	12.81	0.00	6.25	0.476
GC1687	26.92	0.00	0.00	16.54	9.74	0.01	8.17	0.362
GC1688	26.92	0.00	0.00	13.99	12.13	0.01	11.36	0.451
GC169	26.92	0.00	0.00	25.91	0.93	0.02	11.22	0.035
GC1690	26.92	0.00	0.00	14.05	12.07	0.01	7.84	0.449
GC1691	26.92	0.00	0.00	16.53	9.75	0.01	7.55	0.362
GC1692	26.92	0.00	0.00	16.61	9.67	0.01	7.25	0.359
GC1693	26.92	0.00	0.00	16.51	9.77	0.01	7.58	0.363
GC1694	26.92	0.00	0.00	16.46	9.82	0.01	7.78	0.365
GC1695	26.92	0.00	0.00	13.34	12.78	0.00	5.87	0.475
GC1696	26.92	0.00	0.00	13.42	12.70	0.01	6.57	0.472
GC1697	26.92	0.00	0.00	16.59	9.69	0.01	7.27	0.360
GC1698	26.92	0.00	0.00	13.42	12.70	0.00	5.88	0.472
GC1699	26.92	0.00	0.00	7.49	18.31	0.04	40.82	0.680
GC17	26.92	0.00	0.00	7.96	17.81	0.51	194.12	0.662
GC170	26.92	0.00	0.00	17.05	9.23	0.01	8.07	0.343
GC1700	26.92	0.00	0.00	13.41	12.71	0.00	5.90	0.472
GC1701	26.92	0.00	0.00	13.35	12.77	0.00	5.68	0.474
GC1702	26.92	0.00	0.00	13.44	12.68	0.01	6.20	0.471
GC1703	26.92	0.00	0.00	13.37	12.74	0.01	6.32	0.473
GC1704	26.92	0.00	0.00	13.35	12.77	0.00	6.00	0.475
GC1705	26.92	0.00	0.00	13.37	12.75	0.01	6.33	0.474
GC1706	26.92	0.00	0.00	14.24	11.88	0.01	7.48	0.441
GC1707	26.92	0.00	0.00	17.10	9.18	0.01	12.20	0.341
GC1708	26.92	0.00	0.00	16.68	9.60	0.01	7.99	0.357
GC1709	26.92	0.00	0.00	13.41	12.71	0.01	6.78	0.472
GC171	26.92	0.00	0.00	16.32	9.96	0.01	6.88	0.370
GC1710	26.92	0.00	0.00	16.68	9.60	0.01	6.99	0.357
GC1711	26.92	0.00	0.00	7.71	18.09	0.07	64.12	0.672
GC1712	26.92	0.00	0.00	14.25	11.87	0.01	7.78	0.441
GC1713	26.92	0.00	0.00	16.49	9.79	0.01	7.31	0.364
GC1714	26.92	0.00	0.00	16.58	9.70	0.01	6.77	0.360
GC1715	26.92	0.00	0.00	16.61	9.67	0.01	8.19	0.359
GC1716	26.92	0.00	0.00	13.23	12.89	0.01	6.79	0.479

GC1717	26.92	0.00	0.00	22.04	4.39	0.36	262.07	0.163
GC1718	26.92	0.00	0.00	16.80	9.48	0.01	8.55	0.352
GC1719	26.92	0.00	0.00	16.49	9.79	0.01	6.57	0.364
GC172	26.92	0.00	0.00	16.57	9.71	0.01	6.90	0.361
GC1720	26.92	0.00	0.00	16.55	9.73	0.01	8.56	0.361
GC1721	26.92	0.00	0.00	13.30	12.82	0.00	6.29	0.476
GC1722	26.92	0.00	0.00	16.88	9.40	0.01	7.28	0.349
GC1723	26.92	0.00	0.00	16.60	9.67	0.01	6.95	0.359
GC1724	26.92	0.00	0.00	13.21	12.91	0.00	6.37	0.480
GC1725	26.92	0.00	0.00	13.87	12.24	0.01	10.06	0.455
GC1726	26.92	0.00	0.00	13.34	12.78	0.00	6.05	0.475
GC1727	26.92	0.00	0.00	17.35	8.93	0.01	11.35	0.332
GC1728	26.92	0.00	0.00	14.06	12.06	0.01	7.26	0.448
GC1729	26.92	0.00	0.00	16.60	9.67	0.01	6.95	0.359
GC173	26.92	0.00	0.00	9.77	16.11	0.01	13.03	0.599
GC1730	26.92	0.00	0.00	14.24	11.88	0.01	7.42	0.441
GC1731	26.92	0.00	0.00	13.20	12.91	0.00	6.49	0.480
GC1732	26.92	0.00	0.00	7.68	18.11	0.07	67.17	0.673
GC1733	26.92	0.00	0.00	13.89	12.23	0.01	11.48	0.454
GC1734	26.92	0.00	0.00	14.24	11.87	0.01	7.76	0.441
GC1735	26.92	0.00	0.00	13.33	12.79	0.01	6.67	0.475
GC1736	26.92	0.00	0.00	16.58	9.70	0.01	7.02	0.360
GC1737	26.92	0.00	0.00	16.50	9.78	0.01	6.75	0.363
GC1738	26.92	0.00	0.00	7.71	18.09	0.07	62.82	0.672
GC1739	26.92	0.00	0.00	7.71	18.08	0.08	68.94	0.672
GC174	26.92	0.00	0.00	13.68	12.44	0.01	7.12	0.462
GC1740	26.92	0.00	0.00	17.34	8.94	0.01	12.35	0.332
GC1741	26.92	0.00	0.00	13.30	12.82	0.01	7.68	0.476
GC1742	26.92	0.00	0.00	16.91	9.37	0.01	8.30	0.348
GC1743	26.92	0.00	0.00	13.52	12.60	0.01	7.36	0.468
GC1744	26.92	0.00	0.00	16.53	9.75	0.01	7.19	0.362
GC1745	26.92	0.00	0.00	14.19	11.93	0.01	6.95	0.443
GC1746	26.92	0.00	0.00	14.09	12.03	0.01	12.54	0.447
GC1747	26.92	0.00	0.00	16.51	9.77	0.01	7.25	0.363
GC1748	26.92	0.00	0.00	13.59	12.53	0.01	10.25	0.465
GC1749	26.92	0.00	0.00	14.15	11.96	0.01	8.71	0.444
GC175	26.92	0.00	0.00	13.48	12.63	0.00	5.80	0.469
GC1750	26.92	0.00	0.00	16.45	9.83	0.01	6.99	0.365
GC1751	26.92	0.00	0.00	13.89	12.23	0.01	10.67	0.454
GC1752	26.92	0.00	0.00	13.69	12.42	0.01	10.44	0.462
GC1753	26.92	0.00	0.00	14.59	11.53	0.01	10.92	0.428
GC1755	26.92	0.00	0.00	13.55	12.57	0.01	9.91	0.467
GC1759	26.92	0.00	0.00	17.38	8.90	0.01	11.26	0.331
GC176	26.92	0.00	0.00	16.62	9.66	0.01	7.34	0.359
GC1760	26.92	0.00	0.00	16.49	9.79	0.01	8.38	0.364
GC1761	26.92	0.00	0.00	13.71	12.41	0.01	9.14	0.461
GC1763	26.92	0.00	0.00	17.49	8.79	0.01	11.43	0.327
GC1764	26.92	0.00	0.00	16.76	9.52	0.01	8.60	0.354
GC1765	26.92	0.00	0.00	17.41	8.87	0.01	11.63	0.330
GC1766	26.92	0.00	0.00	17.56	8.72	0.01	11.24	0.324
GC1767	26.92	0.00	0.00	17.40	8.88	0.01	11.65	0.330
GC1768	26.92	0.00	0.00	17.38	8.90	0.01	11.70	0.331
GC1769	26.92	0.00	0.00	14.16	11.96	0.01	7.09	0.444
GC177	26.92	0.00	0.00	24.83	2.01	0.00	2.68	0.075
GC1770	26.92	0.00	0.00	17.55	8.73	0.01	13.58	0.324
GC1771	26.92	0.00	0.00	18.84	7.44	0.03	27.75	0.276
GC1772	26.92	0.00	0.00	17.46	8.82	0.01	12.25	0.328
GC1773	26.92	0.00	0.00	17.73	8.54	0.01	12.32	0.317
GC1774	26.92	0.00	0.00	16.94	9.34	0.01	8.72	0.347
GC1775	26.92	0.00	0.00	25.29	1.55	0.00	3.47	0.057
GC1776	26.92	0.00	0.00	17.12	9.16	0.01	10.92	0.340
GC1777	26.92	0.00	0.00	17.52	8.76	0.01	13.11	0.325
GC1778	26.92	0.00	0.00	17.31	8.96	0.01	11.62	0.333
GC1779	26.92	0.00	0.00	16.64	9.64	0.01	9.80	0.358
GC178	26.92	0.00	0.00	7.64	18.16	0.06	61.66	0.675
GC1780	26.92	0.00	0.00	17.16	9.12	0.01	11.73	0.339
GC1781	26.92	0.00	0.00	16.37	9.91	0.01	8.11	0.368
GC1782	26.92	0.00	0.00	16.38	9.90	0.01	8.21	0.368
GC1783	26.92	0.00	0.00	16.34	9.94	0.01	8.25	0.369
GC1784	26.92	0.00	0.00	16.38	9.89	0.01	8.13	0.368
GC1785	26.92	0.00	0.00	13.42	12.70	0.01	6.81	0.472
GC1786	26.92	0.00	0.00	13.40	12.72	0.01	6.88	0.472
GC1787	26.92	0.00	0.00	16.39	9.89	0.01	7.90	0.367
GC1788	26.92	0.00	0.00	14.74	11.38	0.02	22.00	0.423
GC1789	26.92	0.00	0.00	13.37	12.74	0.01	6.67	0.473

GC179	26.92	0.00	0.00	16.59	9.69	0.01	6.39	0.360
GC1790	26.92	0.00	0.00	13.43	12.69	0.01	6.61	0.471
GC1791	26.92	0.00	0.00	13.42	12.70	0.01	6.61	0.472
GC1792	26.92	0.00	0.00	13.33	12.79	0.01	6.85	0.475
GC1793	26.92	0.00	0.00	13.44	12.68	0.01	6.97	0.471
GC1794	26.92	0.00	0.00	13.54	12.58	0.01	7.62	0.467
GC1795	26.92	0.00	0.00	13.33	12.79	0.01	6.67	0.475
GC1796	26.92	0.00	0.00	13.56	12.56	0.01	7.17	0.466
GC1797	26.92	0.00	0.00	13.56	12.56	0.01	7.61	0.467
GC1798	26.92	0.00	0.00	13.43	12.68	0.01	7.02	0.471
GC1799	26.92	0.00	0.00	13.80	12.32	0.01	13.41	0.458
GC18	26.92	0.00	0.00	7.93	17.85	0.37	177.10	0.663
GC180	26.92	0.00	0.00	17.34	8.93	0.01	11.76	0.332
GC1800	26.92	0.00	0.00	13.47	12.65	0.01	6.75	0.470
GC1801	26.92	0.00	0.00	13.42	12.70	0.01	7.25	0.472
GC1802	26.92	0.00	0.00	16.73	9.55	0.01	6.67	0.355
GC1803	26.92	0.00	0.00	16.64	9.63	0.01	6.90	0.358
GC1804	26.92	0.00	0.00	16.61	9.67	0.01	7.28	0.359
GC1805	26.92	0.00	0.00	13.88	12.23	0.01	12.59	0.454
GC1806	26.92	0.00	0.00	16.75	9.53	0.01	7.29	0.354
GC1807	26.92	0.00	0.00	16.59	9.69	0.01	7.22	0.360
GC1808	26.92	0.00	0.00	14.74	11.37	0.01	12.36	0.423
GC1809	26.92	0.00	0.00	17.30	8.97	0.01	10.48	0.333
GC181	26.92	0.00	0.00	16.85	9.43	0.01	8.14	0.350
GC1810	26.92	0.00	0.00	13.87	12.25	0.01	13.02	0.455
GC1811	26.92	0.00	0.00	14.26	11.86	0.01	14.25	0.440
GC1812	26.92	0.00	0.00	13.44	12.68	0.01	7.20	0.471
GC1813	26.92	0.00	0.00	13.43	12.68	0.01	7.27	0.471
GC1814	26.92	0.00	0.00	13.43	12.69	0.01	6.84	0.472
GC1815	26.92	0.00	0.00	13.48	12.64	0.01	7.15	0.469
GC1816	26.92	0.00	0.00	13.47	12.65	0.01	7.17	0.470
GC1817	26.92	0.00	0.00	13.64	12.48	0.01	9.76	0.463
GC1818	26.92	0.00	0.00	13.46	12.66	0.01	7.20	0.470
GC1819	26.92	0.00	0.00	16.66	9.62	0.01	9.62	0.357
GC182	26.92	0.00	0.00	7.62	18.18	0.05	52.74	0.675
GC1820	26.92	0.00	0.00	13.48	12.64	0.01	7.12	0.469
GC1821	26.92	0.00	0.00	14.06	12.05	0.01	12.52	0.448
GC1822	26.92	0.00	0.00	13.44	12.68	0.01	6.83	0.471
GC1823	26.92	0.00	0.00	13.61	12.51	0.01	8.40	0.465
GC1824	26.92	0.00	0.00	13.70	12.42	0.01	8.92	0.461
GC1825	26.92	0.00	0.00	13.67	12.45	0.01	10.02	0.462
GC1826	26.92	0.00	0.00	13.38	12.74	0.01	6.75	0.473
GC1827	26.92	0.00	0.00	13.82	12.30	0.01	10.31	0.457
GC1828	26.92	0.00	0.00	14.84	11.28	0.01	13.02	0.419
GC1829	26.92	0.00	0.00	13.41	12.71	0.01	6.71	0.472
GC183	26.92	0.00	0.00	13.60	12.52	0.01	6.50	0.465
GC1830	26.92	0.00	0.00	14.17	11.95	0.01	7.07	0.444
GC1831	26.92	0.00	0.00	17.25	9.03	0.01	10.87	0.335
GC1833	26.92	0.00	0.00	14.17	11.95	0.01	13.03	0.444
GC1834	26.92	0.00	0.00	14.53	11.59	0.01	10.48	0.431
GC1835	26.92	0.00	0.00	13.50	12.62	0.01	7.66	0.469
GC1836	26.92	0.00	0.00	13.74	12.38	0.01	10.20	0.460
GC1838	26.92	0.00	0.00	16.62	9.66	0.01	8.28	0.359
GC1839	26.92	0.00	0.00	14.20	11.92	0.01	7.24	0.443
GC184	26.92	0.00	0.00	13.46	12.66	0.01	7.57	0.470
GC1842	26.92	0.00	0.00	7.20	18.60	0.02	22.38	0.691
GC1845_1	26.92	0.00	0.00	25.12	1.72	0.03	20.78	0.064
GC1845_2	26.92	0.00	0.00	24.90	1.93	0.04	32.44	0.072
GC1845_3	26.92	0.00	0.00	24.25	2.58	0.03	29.70	0.096
GC1846	26.92	0.00	0.00	17.27	9.01	0.01	11.28	0.335
GC1847	26.92	0.00	0.00	9.73	16.15	0.01	16.01	0.600
GC1848	26.92	0.00	0.00	10.08	15.80	0.02	23.91	0.587
GC1849	26.92	0.00	0.00	9.81	16.07	0.01	15.35	0.597
GC185	26.92	0.00	0.00	13.76	12.36	0.01	7.99	0.459
GC1850	26.92	0.00	0.00	7.75	18.05	0.10	86.23	0.670
GC1851	26.92	0.00	0.00	9.57	16.31	0.01	8.24	0.606
GC1852	26.92	0.00	0.00	9.58	16.30	0.01	8.12	0.605
GC1853	26.92	0.00	0.00	9.55	16.33	0.01	8.41	0.607
GC1854	26.92	0.00	0.00	9.59	16.29	0.01	8.07	0.605
GC1855	26.92	0.00	0.00	9.55	16.33	0.01	8.46	0.607
GC1856	26.92	0.00	0.00	9.50	16.38	0.01	8.80	0.608
GC1857	26.92	0.00	0.00	9.60	16.28	0.01	9.41	0.605
GC1858	26.92	0.00	0.00	9.54	16.34	0.01	9.95	0.607
GC1859	26.92	0.00	0.00	9.58	16.30	0.01	9.29	0.605
GC186	26.92	0.00	0.00	16.42	9.86	0.01	7.21	0.366

GC1860	26.92	0.00	0.00	16.60	9.68	0.01	8.49	0.360
GC1861	26.92	0.00	0.00	9.61	16.27	0.01	9.09	0.605
GC1862	26.92	0.00	0.00	16.69	9.59	0.01	8.02	0.356
GC1863	26.92	0.00	0.00	16.50	9.78	0.01	8.34	0.363
GC1864	26.92	0.00	0.00	16.69	9.59	0.01	8.97	0.356
GC1865	26.92	0.00	0.00	16.63	9.65	0.01	7.88	0.359
GC1866	26.92	0.00	0.00	9.66	16.22	0.01	11.68	0.603
GC1867	26.92	0.00	0.00	9.65	16.23	0.01	11.51	0.603
GC1868	26.92	0.00	0.00	16.57	9.71	0.01	8.46	0.361
GC1869	26.92	0.00	0.00	9.70	16.18	0.01	11.97	0.601
GC187	26.92	0.00	0.00	16.70	9.58	0.01	7.46	0.356
GC1870	26.92	0.00	0.00	9.71	16.17	0.01	11.98	0.601
GC1871	26.92	0.00	0.00	9.67	16.21	0.01	12.28	0.602
GC1872	26.92	0.00	0.00	9.70	16.18	0.01	12.02	0.601
GC1873	26.92	0.00	0.00	9.70	16.18	0.01	11.92	0.601
GC1874	26.92	0.00	0.00	9.66	16.22	0.01	12.34	0.603
GC1875	26.92	0.00	0.00	17.74	8.54	0.08	68.70	0.317
GC1876	26.92	0.00	0.00	9.91	15.96	0.02	21.57	0.593
GC1877	26.92	0.00	0.00	7.72	18.07	0.09	81.78	0.671
GC1878	26.92	0.00	0.00	16.56	9.72	0.01	7.93	0.361
GC1879	26.92	0.00	0.00	20.23	6.21	0.03	28.63	0.231
GC188	26.92	0.00	0.00	7.74	18.06	0.09	79.75	0.671
GC1880	26.92	0.00	0.00	9.87	16.01	0.01	18.06	0.595
GC1881	26.92	0.00	0.00	17.22	9.06	0.01	13.34	0.337
GC1882	26.92	0.00	0.00	16.50	9.78	0.01	7.49	0.363
GC1883	26.92	0.00	0.00	16.57	9.70	0.01	6.31	0.361
GC1884	26.92	0.00	0.00	16.33	9.95	0.00	5.68	0.370
GC1885	26.92	0.00	0.00	16.45	9.83	0.00	5.72	0.365
GC1886	26.92	0.00	0.00	16.39	9.88	0.00	5.99	0.367
GC1887	26.92	0.00	0.00	16.43	9.85	0.00	5.97	0.366
GC1888	26.92	0.00	0.00	16.36	9.92	0.00	5.24	0.369
GC1889	26.92	0.00	0.00	16.23	10.05	0.00	5.32	0.373
GC189	26.92	0.00	0.00	9.81	16.07	0.01	13.31	0.597
GC1890	26.92	0.00	0.00	16.25	10.03	0.00	5.32	0.373
GC1891	26.92	0.00	0.00	16.31	9.97	0.00	5.48	0.370
GC1892	26.92	0.00	0.00	16.26	10.02	0.00	5.36	0.372
GC1893	26.92	0.00	0.00	16.80	9.48	0.01	9.13	0.352
GC1894	26.92	0.00	0.00	16.33	9.95	0.00	5.73	0.370
GC1895	26.92	0.00	0.00	16.73	9.55	0.01	8.73	0.355
GC1896	26.92	0.00	0.00	16.56	9.72	0.01	8.03	0.361
GC1897	26.92	0.00	0.00	16.47	9.81	0.01	6.15	0.365
GC1898	26.92	0.00	0.00	16.38	9.90	0.00	5.82	0.368
GC1899	26.92	0.00	0.00	19.02	7.42	0.15	165.94	0.276
GC19	26.92	0.00	0.00	7.97	17.80	0.54	194.22	0.661
GC190	26.92	0.00	0.00	9.70	16.18	0.01	11.92	0.601
GC1900	26.92	0.00	0.00	16.38	9.90	0.00	6.06	0.368
GC1901	26.92	0.00	0.00	9.72	16.16	0.01	14.62	0.600
GC1902	26.92	0.00	0.00	7.47	18.33	0.04	44.83	0.681
GC1903	26.92	0.00	0.00	7.53	18.27	0.04	42.03	0.679
GC1904	26.92	0.00	0.00	16.58	9.70	0.01	6.51	0.360
GC1905	26.92	0.00	0.00	7.30	18.50	0.02	23.82	0.687
GC1906	26.92	0.00	0.00	9.66	16.22	0.01	11.83	0.603
GC1907	26.92	0.00	0.00	16.80	9.47	0.01	7.30	0.352
GC1908	26.92	0.00	0.00	16.40	9.88	0.00	5.44	0.367
GC1909	26.92	0.00	0.00	7.55	18.25	0.05	53.65	0.678
GC191	26.92	0.00	0.00	16.52	9.76	0.01	7.76	0.363
GC1910	26.92	0.00	0.00	16.57	9.71	0.01	6.85	0.361
GC1911_1	26.92	0.00	0.00	25.08	1.59	0.04	16.80	0.059
GC1911_2	26.92	0.00	0.00	25.13	1.55	0.02	11.11	0.057
GC1912	26.92	0.00	0.00	16.53	9.75	0.01	7.62	0.362
GC1913	26.92	0.00	0.00	19.22	7.22	0.01	10.38	0.268
GC1914	26.92	0.00	0.00	16.62	9.66	0.01	6.67	0.359
GC1915	26.92	0.00	0.00	17.38	8.89	0.02	14.50	0.330
GC1916	26.92	0.00	0.00	17.24	9.04	0.01	13.75	0.336
GC1917	26.92	0.00	0.00	9.73	16.15	0.01	12.14	0.600
GC1918	26.92	0.00	0.00	16.43	9.85	0.01	8.41	0.366
GC1919	26.92	0.00	0.00	16.54	9.74	0.01	7.95	0.362
GC192	26.92	0.00	0.00	13.79	12.33	0.01	7.63	0.458
GC1920	26.92	0.00	0.00	16.59	9.69	0.01	7.63	0.360
GC1921	26.92	0.00	0.00	16.51	9.77	0.01	7.11	0.363
GC1922	26.92	0.00	0.00	16.52	9.76	0.01	7.75	0.362
GC1923	26.92	0.00	0.00	16.50	9.78	0.01	8.52	0.363
GC1924	26.92	0.00	0.00	16.55	9.73	0.01	6.15	0.362
GC1925	26.92	0.00	0.00	9.62	16.26	0.01	11.57	0.604
GC1926	26.92	0.00	0.00	16.46	9.82	0.02	28.64	0.365

GC1927	26.92	0.00	0.00	16.49	9.79	0.01	6.33	0.364
GC1928	26.92	0.00	0.00	7.64	18.16	0.08	77.54	0.674
GC1929	26.92	0.00	0.00	9.75	16.13	0.01	12.73	0.599
GC193	26.92	0.00	0.00	16.91	9.36	0.01	10.52	0.348
GC1930	26.92	0.00	0.00	9.69	16.19	0.01	13.21	0.601
GC1931	26.92	0.00	0.00	9.74	16.14	0.01	12.80	0.599
GC1932	26.92	0.00	0.00	9.71	16.17	0.01	13.08	0.601
GC1933	26.92	0.00	0.00	9.72	16.16	0.01	12.99	0.600
GC1934	26.92	0.00	0.00	9.71	16.17	0.01	13.15	0.601
GC1935	26.92	0.00	0.00	18.24	8.03	0.03	22.22	0.298
GC1936	26.92	0.00	0.00	9.72	16.16	0.01	15.77	0.600
GC1937	26.92	0.00	0.00	26.16	0.68	0.03	14.96	0.025
GC1938	26.92	0.00	0.00	7.50	18.29	0.04	47.21	0.680
GC1939	26.92	0.00	0.00	16.54	9.74	0.01	7.26	0.362
GC194	26.92	0.00	0.00	13.46	12.66	0.00	5.85	0.470
GC1940	26.92	0.00	0.00	16.15	10.13	0.00	5.45	0.376
GC1941	26.92	0.00	0.00	9.70	16.18	0.01	11.03	0.601
GC1942	26.92	0.00	0.00	16.51	9.77	0.01	6.29	0.363
GC1943	26.92	0.00	0.00	16.71	9.57	0.01	6.69	0.355
GC1944	26.92	0.00	0.00	9.60	16.28	0.01	11.83	0.605
GC1945	26.92	0.00	0.00	16.63	9.65	0.01	7.19	0.358
GC1946	26.92	0.00	0.00	16.62	9.66	0.01	7.27	0.359
GC1947	26.92	0.00	0.00	16.53	9.75	0.01	7.68	0.362
GC1948	26.92	0.00	0.00	16.15	10.13	0.00	5.45	0.376
GC1949	26.92	0.00	0.00	16.65	9.63	0.01	7.30	0.358
GC195	26.92	0.00	0.00	16.33	9.95	0.01	7.33	0.370
GC1950	26.92	0.00	0.00	7.82	17.98	0.13	95.90	0.668
GC1951	26.92	0.00	0.00	16.49	9.79	0.01	6.34	0.364
GC1952	26.92	0.00	0.00	16.49	9.79	0.01	7.69	0.364
GC1953	26.92	0.00	0.00	16.39	9.89	0.00	5.88	0.367
GC1954	26.92	0.00	0.00	7.77	18.02	0.11	89.89	0.670
GC1955	26.92	0.00	0.00	7.73	18.07	0.08	68.82	0.671
GC1956	26.92	0.00	0.00	16.21	10.06	0.00	5.20	0.374
GC1957	26.92	0.00	0.00	16.57	9.71	0.01	7.18	0.361
GC1958	26.92	0.00	0.00	17.31	8.97	0.01	13.55	0.333
GC1959	26.92	0.00	0.00	17.53	8.75	0.02	14.87	0.325
GC196	26.92	0.00	0.00	16.71	9.57	0.01	6.24	0.355
GC1960	26.92	0.00	0.00	17.42	8.86	0.02	14.27	0.329
GC1961	26.92	0.00	0.00	16.49	9.79	0.01	8.44	0.364
GC1962	26.92	0.00	0.00	16.58	9.70	0.01	6.09	0.361
GC1963	26.92	0.00	0.00	9.65	16.23	0.01	11.39	0.603
GC1964	26.92	0.00	0.00	16.32	9.96	0.00	5.72	0.370
GC1965	26.92	0.00	0.00	16.66	9.62	0.01	7.13	0.358
GC1966	26.92	0.00	0.00	16.54	9.74	0.01	7.55	0.362
GC1967	26.92	0.00	0.00	16.21	10.07	0.00	5.24	0.374
GC1968	26.92	0.00	0.00	16.52	9.76	0.01	7.77	0.363
GC1969	26.92	0.00	0.00	16.33	9.95	0.00	6.03	0.370
GC197	26.92	0.00	0.00	13.70	12.42	0.01	6.48	0.461
GC1970	26.92	0.00	0.00	16.34	9.94	0.00	5.49	0.369
GC1971	26.92	0.00	0.00	9.78	16.10	0.01	15.92	0.598
GC1972	26.92	0.00	0.00	16.71	9.57	0.01	8.58	0.356
GC1973	26.92	0.00	0.00	9.72	16.16	0.01	12.98	0.600
GC1974	26.92	0.00	0.00	9.71	16.17	0.01	12.29	0.601
GC1975	26.92	0.00	0.00	9.67	16.21	0.01	12.58	0.602
GC1976	26.92	0.00	0.00	9.66	16.21	0.01	12.66	0.602
GC1977	26.92	0.00	0.00	9.68	16.20	0.01	12.50	0.602
GC1978	26.92	0.00	0.00	9.68	16.20	0.01	12.52	0.602
GC1979	26.92	0.00	0.00	9.66	16.22	0.01	12.69	0.602
GC198	26.92	0.00	0.00	16.31	9.97	0.01	6.90	0.370
GC1980	26.92	0.00	0.00	9.77	16.11	0.01	14.55	0.599
GC1981	26.92	0.00	0.00	19.96	6.47	0.85	881.75	0.241
GC1982	26.92	0.00	0.00	16.13	10.15	0.00	5.88	0.377
GC1983	26.92	0.00	0.00	16.31	9.97	0.00	6.08	0.370
GC1984	26.92	0.00	0.00	17.00	9.28	0.01	11.04	0.345
GC1985	26.92	0.00	0.00	16.39	9.89	0.00	5.36	0.368
GC1986	26.92	0.00	0.00	16.53	9.75	0.01	7.30	0.362
GC1987	26.92	0.00	0.00	9.66	16.22	0.01	11.29	0.602
GC1988	26.92	0.00	0.00	16.34	9.94	0.01	8.26	0.369
GC1989	26.92	0.00	0.00	16.65	9.63	0.01	9.04	0.358
GC199	26.92	0.00	0.00	7.71	18.08	0.08	73.79	0.672
GC1990	26.92	0.00	0.00	25.06	1.78	0.01	4.58	0.066
GC1991	26.92	0.00	0.00	16.02	10.26	0.00	5.22	0.381
GC1992	26.92	0.00	0.00	16.45	9.83	0.00	5.18	0.365
GC1993	26.92	0.00	0.00	16.37	9.91	0.00	5.86	0.368
GC1994	26.92	0.00	0.00	16.61	9.67	0.01	7.26	0.359

GC1995	26.92	0.00	0.00	16.49	9.79	0.01	7.71	0.364
GC1996	26.92	0.00	0.00	16.50	9.78	0.01	7.81	0.363
GC1997	26.92	0.00	0.00	6.17	19.47	0.04	42.21	0.723
GC1998	26.92	0.00	0.00	16.62	9.66	0.01	7.20	0.359
GC1999	26.92	0.00	0.00	16.01	10.27	0.00	5.09	0.382
GC2	26.92	0.00	0.00	26.41	0.43	0.04	21.23	0.016
GC20	26.92	0.00	0.00	13.66	12.45	0.01	8.27	0.463
GC200	26.92	0.00	0.00	13.59	12.53	0.01	6.48	0.465
GC2000	26.92	0.00	0.00	7.56	18.24	0.05	52.57	0.678
GC2001	26.92	0.00	0.00	16.42	9.86	0.00	5.27	0.366
GC2002	26.92	0.00	0.00	16.40	9.88	0.00	5.84	0.367
GC2003	26.92	0.00	0.00	9.65	16.23	0.01	11.39	0.603
GC2004	26.92	0.00	0.00	16.33	9.95	0.01	8.31	0.369
GC2005	26.92	0.00	0.00	17.53	8.75	0.02	15.03	0.325
GC2006	26.92	0.00	0.00	17.59	8.69	0.02	15.50	0.323
GC2007	26.92	0.00	0.00	9.79	16.09	0.01	16.67	0.598
GC2008	26.92	0.00	0.00	16.46	9.82	0.01	7.53	0.365
GC2009	26.92	0.00	0.00	16.27	10.01	0.00	5.78	0.372
GC201	26.92	0.00	0.00	16.65	9.63	0.01	6.99	0.358
GC2010	26.92	0.00	0.00	16.02	10.26	0.00	5.03	0.381
GC2011	26.92	0.00	0.00	19.28	7.16	0.02	17.43	0.266
GC2012	26.92	0.00	0.00	16.42	9.86	0.00	5.26	0.366
GC2013	26.92	0.00	0.00	16.28	10.00	0.00	6.39	0.372
GC2014	26.92	0.00	0.00	16.62	9.66	0.01	6.67	0.359
GC2015	26.92	0.00	0.00	16.51	9.77	0.01	7.58	0.363
GC2016	26.92	0.00	0.00	24.84	2.00	0.00	3.83	0.074
GC2017	26.92	0.00	0.00	16.50	9.78	0.01	7.70	0.363
GC2018	26.92	0.00	0.00	16.03	10.25	0.00	4.99	0.381
GC2019	26.92	0.00	0.00	16.53	9.75	0.01	7.64	0.362
GC202	26.92	0.00	0.00	16.69	9.58	0.01	7.08	0.356
GC2020	26.92	0.00	0.00	19.67	6.60	0.44	326.07	0.245
GC2021	26.92	0.00	0.00	16.38	9.90	0.00	5.64	0.368
GC2022	26.92	0.00	0.00	16.30	9.98	0.01	8.73	0.371
GC2023	26.92	0.00	0.00	9.65	16.23	0.01	11.35	0.603
GC2024	26.92	0.00	0.00	16.58	9.69	0.01	6.28	0.360
GC2025	26.92	0.00	0.00	7.63	18.17	0.06	57.60	0.675
GC2026	26.92	0.00	0.00	16.04	10.24	0.00	4.94	0.380
GC2027	26.92	0.00	0.00	16.57	9.71	0.01	7.62	0.361
GC2028	26.92	0.00	0.00	16.58	9.70	0.01	7.96	0.360
GC2029	26.92	0.00	0.00	16.55	9.73	0.01	7.20	0.361
GC203	26.92	0.00	0.00	16.56	9.72	0.01	8.68	0.361
GC2030	26.92	0.00	0.00	16.55	9.73	0.01	7.45	0.362
GC2031	26.92	0.00	0.00	16.49	9.78	0.01	6.35	0.363
GC2032	26.92	0.00	0.00	16.60	9.68	0.01	7.89	0.360
GC2033	26.92	0.00	0.00	16.66	9.62	0.01	7.04	0.357
GC2034	26.92	0.00	0.00	9.94	15.94	0.01	17.65	0.592
GC2035	26.92	0.00	0.00	20.17	6.27	0.09	86.10	0.233
GC2036	26.92	0.00	0.00	16.05	10.23	0.00	4.92	0.380
GC2037	26.92	0.00	0.00	9.77	16.11	0.01	12.86	0.598
GC2038	26.92	0.00	0.00	16.45	9.83	0.01	7.47	0.365
GC2039	26.92	0.00	0.00	16.51	9.77	0.01	6.93	0.363
GC204	26.92	0.00	0.00	13.77	12.35	0.01	7.96	0.459
GC2040	26.92	0.00	0.00	16.58	9.70	0.01	8.06	0.360
GC2041	26.92	0.00	0.00	16.56	9.72	0.01	7.87	0.361
GC2042	26.92	0.00	0.00	16.52	9.76	0.01	7.38	0.362
GC2043	26.92	0.00	0.00	17.20	9.08	0.05	46.58	0.337
GC2044	26.92	0.00	0.00	9.69	16.19	0.01	11.06	0.601
GC2045	26.92	0.00	0.00	9.69	16.19	0.01	11.71	0.601
GC2046	26.92	0.00	0.00	9.67	16.21	0.01	11.84	0.602
GC2047	26.92	0.00	0.00	9.75	16.13	0.01	13.22	0.599
GC2048	26.92	0.00	0.00	9.68	16.20	0.01	11.82	0.602
GC2049	26.92	0.00	0.00	9.68	16.20	0.01	11.80	0.602
GC205	26.92	0.00	0.00	13.49	12.63	0.01	7.48	0.469
GC2050	26.92	0.00	0.00	9.71	16.17	0.01	11.61	0.601
GC2051	26.92	0.00	0.00	9.69	16.19	0.01	11.67	0.601
GC2052	26.92	0.00	0.00	9.72	16.16	0.01	12.52	0.600
GC2053	26.92	0.00	0.00	16.04	10.24	0.00	4.97	0.380
GC2054	26.92	0.00	0.00	16.68	9.60	0.01	9.48	0.357
GC2055	26.92	0.00	0.00	16.85	9.43	0.01	7.23	0.350
GC2056	26.92	0.00	0.00	16.49	9.79	0.01	7.51	0.364
GC2057	26.92	0.00	0.00	16.43	9.85	0.01	6.53	0.366
GC2058	26.92	0.00	0.00	16.65	9.63	0.01	6.46	0.358
GC2059	26.92	0.00	0.00	16.09	10.19	0.00	4.79	0.379
GC206	26.92	0.00	0.00	7.68	18.12	0.07	62.75	0.673
GC2060	26.92	0.00	0.00	16.59	9.69	0.01	7.08	0.360

GC2061	26.92	0.00	0.00	18.03	8.25	0.02	20.06	0.306
GC2062	26.92	0.00	0.00	16.50	9.78	0.01	6.34	0.363
GC2063	26.92	0.00	0.00	7.75	18.04	0.10	86.75	0.670
GC2064	26.92	0.00	0.00	7.63	18.17	0.06	64.35	0.675
GC2065	26.92	0.00	0.00	16.40	9.88	0.01	7.60	0.367
GC2066	26.92	0.00	0.00	9.68	16.20	0.01	11.13	0.602
GC2067	26.92	0.00	0.00	16.74	9.54	0.01	6.54	0.354
GC2068	26.92	0.00	0.00	16.62	9.65	0.01	9.17	0.359
GC2069	26.92	0.00	0.00	16.27	10.01	0.00	5.91	0.372
GC207	26.92	0.00	0.00	25.56	1.28	1.50	842.42	0.048
GC2070	26.92	0.00	0.00	19.46	6.98	0.03	24.63	0.259
GC2071	26.92	0.00	0.00	16.41	9.87	0.01	6.43	0.367
GC2072	26.92	0.00	0.00	16.26	10.02	0.00	6.15	0.372
GC2073	26.92	0.00	0.00	16.50	9.78	0.01	6.58	0.363
GC2074	26.92	0.00	0.00	16.41	9.87	0.01	7.68	0.367
GC2075	26.92	0.00	0.00	16.68	9.59	0.01	7.45	0.356
GC2076	26.92	0.00	0.00	16.68	9.60	0.01	6.36	0.356
GC2077	26.92	0.00	0.00	16.64	9.64	0.01	8.81	0.358
GC2078	26.92	0.00	0.00	16.22	10.06	0.00	5.04	0.374
GC2079	26.92	0.00	0.00	16.57	9.71	0.01	7.15	0.361
GC208	26.92	0.00	0.00	16.76	9.52	0.01	8.53	0.354
GC2080	26.92	0.00	0.00	16.86	9.42	0.01	7.85	0.350
GC2081	26.92	0.00	0.00	16.31	9.97	0.00	5.94	0.370
GC2082	26.92	0.00	0.00	16.70	9.58	0.01	7.42	0.356
GC2083	26.92	0.00	0.00	9.68	16.20	0.01	11.17	0.602
GC2084	26.92	0.00	0.00	16.55	9.73	0.01	6.33	0.362
GC2085	26.92	0.00	0.00	16.62	9.66	0.01	7.01	0.359
GC2086	26.92	0.00	0.00	16.52	9.76	0.01	6.36	0.363
GC2087	26.92	0.00	0.00	16.35	9.93	0.01	9.14	0.369
GC2088	26.92	0.00	0.00	16.32	9.96	0.00	5.46	0.370
GC2089	26.92	0.00	0.00	16.60	9.68	0.01	8.22	0.360
GC209	26.92	0.00	0.00	16.44	9.84	0.01	7.70	0.365
GC2090	26.92	0.00	0.00	16.45	9.83	0.01	6.57	0.365
GC2091	26.92	0.00	0.00	9.63	16.25	0.01	8.88	0.604
GC2092	26.92	0.00	0.00	16.47	9.81	0.01	6.83	0.364
GC2093	26.92	0.00	0.00	16.53	9.75	0.01	6.63	0.362
GC2094	26.92	0.00	0.00	9.58	16.30	0.01	8.31	0.606
GC2095	26.92	0.00	0.00	9.61	16.27	0.01	8.09	0.605
GC2096	26.92	0.00	0.00	9.61	16.27	0.01	8.07	0.604
GC2097	26.92	0.00	0.00	9.56	16.32	0.01	8.40	0.606
GC2098	26.92	0.00	0.00	16.58	9.70	0.01	6.45	0.360
GC2099	26.92	0.00	0.00	9.57	16.31	0.01	9.56	0.606
GC21	26.92	0.00	0.00	13.79	12.33	0.01	7.12	0.458
GC210	26.92	0.00	0.00	16.65	9.63	0.01	6.50	0.358
GC2100	26.92	0.00	0.00	16.24	10.04	0.00	5.45	0.373
GC2101	26.92	0.00	0.00	16.71	9.57	0.01	8.67	0.355
GC2102	26.92	0.00	0.00	16.57	9.71	0.01	7.92	0.361
GC2103	26.92	0.00	0.00	16.49	9.79	0.01	7.81	0.364
GC2104	26.92	0.00	0.00	16.50	9.78	0.01	7.78	0.363
GC2105	26.92	0.00	0.00	16.54	9.74	0.01	8.83	0.362
GC2106	26.92	0.00	0.00	16.67	9.61	0.01	7.84	0.357
GC2107	26.92	0.00	0.00	16.49	9.79	0.01	7.65	0.364
GC2108	26.92	0.00	0.00	16.55	9.73	0.01	7.43	0.361
GC2109	26.92	0.00	0.00	16.44	9.84	0.01	7.84	0.366
GC211	26.92	0.00	0.00	17.64	8.63	0.01	11.23	0.321
GC2110	26.92	0.00	0.00	16.43	9.85	0.01	7.87	0.366
GC2111	26.92	0.00	0.00	16.64	9.64	0.01	7.85	0.358
GC2112	26.92	0.00	0.00	16.62	9.66	0.01	8.17	0.359
GC2113	26.92	0.00	0.00	16.37	9.91	0.01	8.67	0.368
GC2114	26.92	0.00	0.00	16.31	9.97	0.01	6.34	0.370
GC2115	26.92	0.00	0.00	16.53	9.75	0.01	7.26	0.362
GC2116	26.92	0.00	0.00	9.72	16.16	0.01	11.97	0.600
GC2117	26.92	0.00	0.00	6.43	19.20	0.18	157.78	0.713
GC2118	26.92	0.00	0.00	16.16	10.12	0.00	5.26	0.376
GC2119	26.92	0.00	0.00	16.51	9.77	0.01	6.30	0.363
GC212	26.92	0.00	0.00	13.48	12.64	0.00	5.83	0.470
GC2120	26.92	0.00	0.00	16.51	9.77	0.01	8.25	0.363
GC2121	26.92	0.00	0.00	16.72	9.56	0.01	8.45	0.355
GC2122	26.92	0.00	0.00	16.04	10.24	0.00	4.86	0.380
GC2123	26.92	0.00	0.00	16.42	9.86	0.01	8.93	0.366
GC2124	26.92	0.00	0.00	18.05	8.23	0.02	21.83	0.306
GC2125	26.92	0.00	0.00	16.04	10.24	0.00	4.89	0.381
GC2126	26.92	0.00	0.00	16.65	9.63	0.01	7.70	0.358
GC2127	26.92	0.00	0.00	16.47	9.81	0.01	5.98	0.364
GC2128	26.92	0.00	0.00	16.08	10.20	0.00	4.73	0.379

GC2129	26.92	0.00	0.00	16.23	10.05	0.00	5.47	0.373
GC213	26.92	0.00	0.00	25.15	1.69	0.00	1.88	0.063
GC2130	26.92	0.00	0.00	7.65	18.15	0.06	64.52	0.674
GC2131	26.92	0.00	0.00	16.39	9.89	0.01	8.32	0.367
GC2132	26.92	0.00	0.00	16.50	9.78	0.01	7.37	0.363
GC2133	26.92	0.00	0.00	7.88	17.91	0.19	115.40	0.665
GC2134	26.92	0.00	0.00	7.51	18.28	0.04	45.99	0.679
GC2135	26.92	0.00	0.00	16.72	9.56	0.01	7.83	0.355
GC2136	26.92	0.00	0.00	16.13	10.15	0.00	4.84	0.377
GC2137	26.92	0.00	0.00	16.84	9.43	0.01	8.05	0.351
GC2138	26.92	0.00	0.00	16.13	10.15	0.00	4.84	0.377
GC2139	26.92	0.00	0.00	16.49	9.79	0.01	9.20	0.364
GC214	26.92	0.00	0.00	16.65	9.63	0.01	6.48	0.358
GC2140	26.92	0.00	0.00	16.21	10.07	0.00	4.72	0.374
GC2141	26.92	0.00	0.00	4.85	20.78	0.07	83.07	0.772
GC2142	26.92	0.00	0.00	16.67	9.61	0.01	7.84	0.357
GC2143	26.92	0.00	0.00	16.53	9.75	0.01	7.97	0.362
GC2144	26.92	0.00	0.00	16.24	10.04	0.00	4.65	0.373
GC2145	26.92	0.00	0.00	16.37	9.91	0.00	5.44	0.368
GC2146	26.92	0.00	0.00	16.40	9.88	0.01	6.05	0.367
GC2147	26.92	0.00	0.00	16.50	9.77	0.01	7.19	0.363
GC2148	26.92	0.00	0.00	16.46	9.82	0.01	8.04	0.365
GC2149	26.92	0.00	0.00	16.46	9.82	0.01	7.95	0.365
GC215	26.92	0.00	0.00	16.45	9.83	0.01	7.12	0.365
GC2150	26.92	0.00	0.00	16.15	10.13	0.00	4.36	0.376
GC2151	26.92	0.00	0.00	18.79	7.49	0.04	30.23	0.278
GC2152	26.92	0.00	0.00	16.67	9.61	0.01	10.37	0.357
GC2153	26.92	0.00	0.00	16.42	9.86	0.01	7.70	0.366
GC2154	26.92	0.00	0.00	7.07	18.73	0.01	15.46	0.696
GC2155	26.92	0.00	0.00	16.59	9.69	0.01	8.89	0.360
GC2156	26.92	0.00	0.00	9.65	16.23	0.01	9.58	0.603
GC2157	26.92	0.00	0.00	7.86	17.93	0.15	95.67	0.666
GC2158	26.92	0.00	0.00	16.16	10.12	0.00	4.26	0.376
GC2159	26.92	0.00	0.00	7.91	17.87	0.25	132.33	0.664
GC216	26.92	0.00	0.00	16.81	9.47	0.01	7.16	0.352
GC2160	26.92	0.00	0.00	9.66	16.22	0.01	9.46	0.603
GC2161	26.92	0.00	0.00	16.44	9.84	0.01	7.96	0.365
GC2162	26.92	0.00	0.00	7.47	18.33	0.04	42.15	0.681
GC2163	26.92	21.59	0.00	41.16	7.26	0.17	30.32	0.150
GC2164	26.92	0.00	0.00	9.61	16.27	0.01	8.92	0.604
GC2165	26.92	0.00	0.00	9.62	16.26	0.01	9.51	0.604
GC2166	26.92	0.00	0.00	6.05	19.59	0.02	18.76	0.728
GC2167	26.92	0.00	0.00	9.63	16.25	0.01	9.16	0.604
GC2168	26.92	0.00	0.00	9.58	16.30	0.01	8.53	0.606
GC2169	26.92	0.00	0.00	9.67	16.21	0.01	10.52	0.602
GC217	26.92	0.00	0.00	9.96	15.92	0.01	15.74	0.591
GC2170	26.92	0.00	0.00	9.63	16.25	0.01	9.48	0.604
GC2171	26.92	0.00	0.00	9.66	16.22	0.01	10.36	0.603
GC2172	26.92	0.00	0.00	9.65	16.23	0.01	10.30	0.603
GC2173	26.92	0.00	0.00	9.64	16.24	0.01	10.51	0.603
GC2174	26.92	0.00	0.00	9.60	16.28	0.01	9.49	0.605
GC2175	26.92	0.00	0.00	9.65	16.23	0.01	10.44	0.603
GC2176	26.92	0.00	0.00	9.65	16.23	0.01	10.19	0.603
GC2177	26.92	0.00	0.00	9.67	16.21	0.01	10.00	0.602
GC2178	26.92	0.00	0.00	9.62	16.26	0.01	10.41	0.604
GC2179	26.92	0.00	0.00	9.61	16.27	0.01	10.44	0.604
GC218	26.92	0.00	0.00	16.57	9.71	0.01	6.17	0.361
GC2180	26.92	0.00	0.00	16.46	9.81	0.00	5.30	0.365
GC2181	26.92	0.00	0.00	9.70	16.18	0.01	12.37	0.601
GC2182	26.92	0.00	0.00	7.46	18.34	0.03	36.84	0.681
GC2183	26.92	0.00	0.00	17.75	8.53	0.02	17.15	0.317
GC2184	26.92	0.00	0.00	16.48	9.80	0.01	7.66	0.364
GC2185	26.92	0.00	0.00	19.03	7.41	0.01	5.67	0.275
GC2186	26.92	0.00	0.00	16.97	9.31	0.01	8.69	0.346
GC2187	26.92	0.00	0.00	16.37	9.91	0.00	5.57	0.368
GC2188	26.92	0.00	0.00	6.26	19.37	0.05	51.61	0.720
GC2189	26.92	0.00	0.00	6.57	19.07	0.17	139.06	0.708
GC219	26.92	0.00	0.00	9.79	16.09	0.01	13.46	0.598
GC2190	26.92	0.00	0.00	16.43	9.85	0.01	7.64	0.366
GC2191	26.92	0.00	0.00	16.56	9.72	0.01	7.21	0.361
GC2192	26.92	0.00	0.00	6.08	19.56	0.01	16.33	0.727
GC2193	26.92	0.00	0.00	6.05	19.59	0.01	16.93	0.728
GC2194	26.92	0.00	0.00	6.07	19.56	0.01	16.35	0.727
GC2195	26.92	0.00	0.00	6.12	19.51	0.03	30.99	0.725
GC2196	26.92	0.00	0.00	6.10	19.53	0.02	22.13	0.726

GC2197	26.92	0.00	0.00	6.11	19.52	0.02	25.03	0.725
GC2198	26.92	0.00	0.00	7.57	18.23	0.05	56.42	0.677
GC22	26.92	0.00	0.00	16.60	9.68	0.01	7.31	0.360
GC220	26.92	0.00	0.00	9.71	16.17	0.01	11.82	0.601
GC2200	26.92	0.00	0.00	16.09	10.19	0.00	4.43	0.378
GC2201	26.92	0.00	0.00	16.53	9.75	0.01	9.74	0.362
GC2202	26.92	0.00	0.00	16.33	9.95	0.01	8.45	0.369
GC2203	26.92	0.00	0.00	16.74	9.54	0.01	8.25	0.354
GC2204	26.92	0.00	0.00	17.07	9.21	0.01	11.41	0.342
GC2205	26.92	0.00	0.00	16.19	10.09	0.00	4.71	0.375
GC2206	26.92	0.00	0.00	6.07	19.57	0.01	17.91	0.727
GC2207	26.92	0.00	0.00	16.31	9.97	0.01	7.91	0.370
GC2208	26.92	0.00	0.00	17.05	9.23	0.01	9.77	0.343
GC2209	26.92	0.00	0.00	16.11	10.17	0.00	4.96	0.378
GC221	26.92	0.00	0.00	13.80	12.32	0.01	7.62	0.458
GC2210	26.92	0.00	0.00	16.85	9.43	0.01	7.19	0.350
GC2211	26.92	0.00	0.00	16.23	10.04	0.01	7.92	0.373
GC2212	26.92	0.00	0.00	16.43	9.85	0.01	7.66	0.366
GC2213	26.92	0.00	0.00	16.31	9.97	0.00	5.36	0.370
GC2214	26.92	0.00	0.00	16.93	9.35	0.01	5.94	0.347
GC2215	26.92	0.00	0.00	7.68	18.11	0.07	70.49	0.673
GC2216	26.92	0.00	0.00	16.25	10.03	0.01	7.82	0.373
GC2217	26.92	0.00	0.00	16.48	9.80	0.01	6.02	0.364
GC2218	26.92	0.00	0.00	17.56	8.72	0.01	8.40	0.324
GC2219	26.92	0.00	0.00	16.48	9.80	0.01	7.03	0.364
GC222	26.92	0.00	0.00	13.59	12.53	0.01	6.66	0.465
GC2220	26.92	0.00	0.00	16.79	9.49	0.00	5.26	0.353
GC2221	26.92	0.00	0.00	16.28	10.00	0.01	7.70	0.372
GC2222	26.92	0.00	0.00	16.34	9.94	0.00	5.26	0.369
GC2223	26.92	0.00	0.00	16.86	9.42	0.00	4.96	0.350
GC2224	26.92	0.00	0.00	16.95	9.33	0.01	5.36	0.347
GC2225	26.92	0.00	0.00	16.96	9.32	0.01	5.35	0.346
GC2226	26.92	0.00	0.00	16.18	10.10	0.00	5.44	0.375
GC2227	26.92	0.00	0.00	16.82	9.46	0.01	5.72	0.351
GC2228	26.92	0.00	0.00	16.70	9.58	0.01	11.31	0.356
GC2229	26.92	0.00	0.00	16.50	9.78	0.01	7.46	0.363
GC223	26.92	0.00	0.00	13.57	12.55	0.01	6.64	0.466
GC2230	26.92	0.00	0.00	16.48	9.80	0.01	7.21	0.364
GC2231	26.92	0.00	0.00	16.33	9.95	0.00	5.28	0.370
GC2232	26.92	0.00	0.00	16.88	9.40	0.01	5.56	0.349
GC2233	26.92	0.00	0.00	16.43	9.85	0.01	7.34	0.366
GC2234	26.92	0.00	0.00	16.32	9.96	0.01	7.50	0.370
GC2235	26.92	0.00	0.00	16.09	10.19	0.00	4.92	0.378
GC2236	26.92	0.00	0.00	16.95	9.33	0.01	9.07	0.347
GC2237	26.92	0.00	0.00	18.18	8.10	0.03	22.06	0.301
GC2238	26.92	0.00	0.00	16.12	10.16	0.00	4.80	0.377
GC2239	26.92	0.00	0.00	16.14	10.14	0.00	4.75	0.377
GC224	26.92	0.00	0.00	16.56	9.72	0.01	7.68	0.361
GC2240	26.92	0.00	0.00	16.31	9.97	0.00	5.40	0.370
GC2241	26.92	0.00	0.00	16.55	9.73	0.01	7.19	0.361
GC2242	26.92	0.00	0.00	16.28	10.00	0.00	5.51	0.372
GC2243_1	26.92	0.00	0.00	13.37	12.75	0.03	33.13	0.474
GC2243_2	26.92	0.00	0.00	14.30	11.82	0.02	21.55	0.439
GC2244	26.92	0.00	0.00	7.50	18.30	0.04	41.90	0.680
GC2245	26.92	0.00	0.00	16.79	9.49	0.01	7.34	0.352
GC2246	26.92	0.00	0.00	7.46	18.34	0.03	36.62	0.681
GC2247	26.92	0.00	0.00	16.73	9.55	0.01	7.19	0.355
GC2248	26.92	0.00	0.00	16.33	9.95	0.01	7.45	0.370
GC2249	26.92	0.00	0.00	17.33	8.95	0.01	9.02	0.332
GC225	26.92	0.00	0.00	16.30	9.98	0.01	7.44	0.371
GC2250	26.92	0.00	0.00	16.49	9.78	0.01	6.06	0.363
GC2251	26.92	0.00	0.00	16.52	9.76	0.01	7.73	0.363
GC2252	26.92	0.00	0.00	16.48	9.80	0.01	7.24	0.364
GC2253	26.92	0.00	0.00	16.30	9.98	0.01	7.60	0.371
GC2254	26.92	0.00	0.00	16.89	9.39	0.01	5.43	0.349
GC2255	26.92	0.00	0.00	17.03	9.25	0.01	9.90	0.344
GC2256	26.92	0.00	0.00	16.49	9.79	0.01	7.13	0.364
GC2257	26.92	0.00	0.00	16.49	9.79	0.01	7.40	0.364
GC2258	26.92	0.00	0.00	16.50	9.78	0.01	9.14	0.363
GC2259	26.92	0.00	0.00	16.32	9.96	0.01	6.64	0.370
GC226	26.92	0.00	0.00	7.92	17.87	0.34	174.53	0.664
GC2260	26.92	0.00	0.00	16.39	9.89	0.01	7.65	0.368
GC2261	26.92	0.00	0.00	16.81	9.47	0.01	5.57	0.352
GC2262	26.92	0.00	0.00	16.67	9.60	0.01	10.07	0.357
GC2263	26.92	0.00	0.00	7.43	18.37	0.03	32.34	0.682

GC2264	26.92	0.00	0.00	16.42	9.86	0.01	7.52	0.366
GC2265	26.92	0.00	0.00	16.82	9.46	0.01	5.72	0.351
GC2266	26.92	0.00	0.00	16.52	9.76	0.01	7.83	0.362
GC2267	26.92	0.00	0.00	19.95	6.49	0.02	15.77	0.241
GC2268	26.92	0.00	0.00	16.60	9.68	0.01	8.32	0.360
GC2269	26.92	0.00	0.00	16.43	9.85	0.01	7.31	0.366
GC227	26.92	0.00	0.00	16.38	9.90	0.01	6.66	0.368
GC2270	26.92	0.00	0.00	16.79	9.49	0.01	5.51	0.353
GC2271	26.92	0.00	0.00	16.69	9.59	0.01	5.73	0.356
GC2272	26.92	0.00	0.00	16.43	9.85	0.01	6.20	0.366
GC2273	26.92	0.00	0.00	16.40	9.87	0.01	9.74	0.367
GC2274	26.92	0.00	0.00	17.36	8.92	0.05	48.92	0.331
GC2275	26.92	0.00	0.00	16.46	9.82	0.01	7.75	0.365
GC2276	26.92	0.00	0.00	16.91	9.37	0.01	10.66	0.348
GC2277	26.92	0.00	0.00	16.92	9.36	0.01	5.37	0.348
GC2278	26.92	0.00	0.00	16.51	9.77	0.01	10.91	0.363
GC2279	26.92	0.00	0.00	16.46	9.82	0.01	7.52	0.365
GC228	26.92	0.00	0.00	16.34	9.94	0.01	7.62	0.369
GC2280	26.92	0.00	0.00	16.75	9.53	0.01	5.69	0.354
GC2281	26.92	0.00	0.00	17.01	9.27	0.01	9.04	0.344
GC2282	26.92	0.00	0.00	16.82	9.45	0.01	5.53	0.351
GC2283	26.92	0.00	0.00	16.82	9.46	0.01	5.54	0.351
GC2284	26.92	0.00	0.00	16.39	9.89	0.01	6.89	0.367
GC2285	26.92	0.00	0.00	17.68	8.60	0.05	48.71	0.319
GC2286	26.92	0.00	0.00	16.33	9.95	0.01	7.34	0.370
GC2287	26.92	0.00	0.00	16.59	9.69	0.01	7.01	0.360
GC2288	26.92	0.00	0.00	7.49	18.31	0.04	41.13	0.680
GC2289	26.92	0.00	0.00	16.53	9.75	0.01	7.35	0.362
GC229	26.92	0.00	0.00	13.77	12.35	0.01	8.02	0.459
GC2290	26.92	0.00	0.00	16.34	9.94	0.01	8.71	0.369
GC2291	26.92	0.00	0.00	16.86	9.42	0.01	5.48	0.350
GC2292	26.92	0.00	0.00	16.58	9.70	0.01	7.01	0.360
GC2293	26.92	0.00	0.00	16.53	9.75	0.01	7.36	0.362
GC2294_1	26.92	0.00	0.00	13.10	13.02	0.01	18.51	0.484
GC2294_3	26.92	0.00	0.00	13.39	12.73	0.02	27.20	0.473
GC2294_4	26.92	0.00	0.00	13.59	12.53	0.03	34.22	0.466
GC2294_5	26.92	0.00	0.00	13.20	12.92	0.02	21.33	0.480
GC2295	26.92	0.00	0.00	16.79	9.49	0.01	5.61	0.353
GC2296	26.92	0.00	0.00	17.05	9.23	0.01	9.60	0.343
GC2297	26.92	0.00	0.00	16.92	9.36	0.01	5.36	0.348
GC2298	26.92	0.00	0.00	16.83	9.45	0.01	5.53	0.351
GC2299	26.92	0.00	0.00	16.39	9.89	0.01	7.10	0.367
GC23	26.92	0.00	0.00	16.48	9.80	0.01	7.01	0.364
GC230	26.92	0.00	0.00	13.41	12.71	0.01	7.65	0.472
GC2300	26.92	0.00	0.00	16.53	9.75	0.01	7.55	0.362
GC2301	26.92	0.00	0.00	16.76	9.52	0.01	10.30	0.354
GC2302	26.92	0.00	0.00	17.00	9.28	0.01	10.36	0.345
GC2303	26.92	0.00	0.00	16.50	9.78	0.01	7.62	0.363
GC2304	26.92	0.00	0.00	16.91	9.37	0.01	5.38	0.348
GC2305	26.92	0.00	0.00	16.26	10.02	0.01	9.04	0.372
GC2306	26.92	0.00	0.00	16.44	9.84	0.01	8.05	0.366
GC2307	26.92	0.00	0.00	16.83	9.44	0.01	6.07	0.351
GC2308	26.92	0.00	0.00	16.74	9.54	0.01	5.71	0.354
GC2309	26.92	0.00	0.00	16.81	9.47	0.01	5.57	0.352
GC231	26.92	0.00	0.00	16.85	9.43	0.01	7.31	0.350
GC2310	26.92	0.00	0.00	16.47	9.81	0.01	7.73	0.364
GC2311	26.92	0.00	0.00	7.53	18.27	0.04	41.16	0.679
GC2312	26.92	0.00	0.00	16.39	9.89	0.01	7.11	0.367
GC2313	26.92	0.00	0.00	16.46	9.82	0.01	8.03	0.365
GC2314	26.92	0.00	0.00	16.68	9.60	0.00	5.27	0.357
GC2315	26.92	0.00	0.00	17.13	9.15	0.01	10.34	0.340
GC2316	26.92	0.00	0.00	16.50	9.78	0.01	7.59	0.363
GC2317	26.92	0.00	0.00	20.28	5.99	1.13	683.80	0.223
GC2318	26.92	0.00	0.00	16.48	9.80	0.01	7.00	0.364
GC2319	26.92	0.00	0.00	16.42	9.86	0.01	7.65	0.366
GC232	26.92	0.00	0.00	9.84	16.04	0.01	13.01	0.596
GC2320	26.92	0.00	0.00	16.79	9.49	0.01	10.66	0.353
GC2321	26.92	0.00	0.00	16.91	9.37	0.01	10.88	0.348
GC2322	26.92	0.00	0.00	16.60	9.68	0.01	6.92	0.360
GC2323	26.92	0.00	0.00	7.41	18.39	0.03	34.22	0.683
GC2324	26.92	0.00	0.00	16.62	9.66	0.01	7.64	0.359
GC2325	26.92	0.00	0.00	16.38	9.90	0.01	8.09	0.368
GC2326	26.92	0.00	0.00	16.81	9.47	0.00	5.02	0.352
GC2327	26.92	0.00	0.00	16.72	9.56	0.00	5.19	0.355
GC2328_1	26.92	0.00	0.00	16.85	9.27	0.71	501.03	0.344

GC2328_2	26.92	0.00	0.00	16.55	9.56	0.52	381.03	0.355
GC2329	26.92	0.00	0.00	16.82	9.46	0.01	6.11	0.352
GC233	26.92	0.00	0.00	9.77	16.11	0.01	13.48	0.598
GC2330	26.92	0.00	0.00	9.63	16.25	0.01	7.62	0.604
GC2331	26.92	0.00	0.00	16.49	9.79	0.01	6.99	0.364
GC2332	26.92	0.00	0.00	16.65	9.63	0.01	8.09	0.358
GC2333	26.92	0.00	0.00	16.39	9.88	0.01	8.05	0.367
GC2334	26.92	0.00	0.00	16.78	9.50	0.01	5.64	0.353
GC2335	26.92	0.00	0.00	7.49	18.30	0.04	51.55	0.680
GC2336	26.92	0.00	0.00	16.97	9.31	0.01	9.61	0.346
GC2337	26.92	0.00	0.00	9.75	16.13	0.01	8.05	0.599
GC2339	26.92	0.00	0.00	16.54	9.74	0.01	7.46	0.362
GC234	26.92	0.00	0.00	9.77	16.11	0.01	13.49	0.598
GC2340	26.92	0.00	0.00	16.75	9.53	0.00	5.13	0.354
GC2341	26.92	0.00	0.00	7.89	17.90	0.21	121.99	0.665
GC2342	26.92	0.00	0.00	16.84	9.43	0.01	6.05	0.350
GC2343	26.92	0.00	0.00	16.49	9.79	0.01	7.64	0.364
GC2344	26.92	0.00	0.00	16.52	9.76	0.01	7.32	0.363
GC2345	26.92	0.00	0.00	9.71	16.16	0.01	8.00	0.601
GC2346	26.92	0.00	0.00	17.49	8.79	0.01	9.18	0.326
GC2347	26.92	0.00	0.00	16.72	9.56	0.00	5.19	0.355
GC2348	26.92	0.00	0.00	7.55	18.25	0.04	47.54	0.678
GC2349	26.92	0.00	0.00	16.51	9.77	0.01	7.82	0.363
GC235	26.92	0.00	0.00	9.76	16.12	0.01	13.53	0.599
GC2350	26.92	0.00	0.00	16.78	9.50	0.00	5.07	0.353
GC2351	26.92	0.00	0.00	9.77	16.11	0.01	7.87	0.598
GC2352	26.92	0.00	0.00	16.53	9.75	0.01	7.51	0.362
GC2353	26.92	0.00	0.00	16.92	9.36	0.01	5.90	0.348
GC2354	26.92	0.00	0.00	16.60	9.68	0.01	6.97	0.360
GC2355	26.92	0.00	0.00	16.70	9.57	0.00	5.22	0.356
GC2356	26.92	0.00	0.00	16.51	9.76	0.01	7.34	0.363
GC2357	26.92	0.00	0.00	9.79	16.09	0.01	7.98	0.598
GC2358	26.92	0.00	0.00	16.44	9.84	0.01	8.21	0.366
GC2359	26.92	0.00	0.00	20.99	5.45	0.21	195.52	0.202
GC236	26.92	0.00	0.00	9.85	16.03	0.01	17.49	0.595
GC2360	26.92	0.00	0.00	16.71	9.57	0.01	7.46	0.355
GC2361	26.92	0.00	0.00	16.81	9.47	0.00	5.01	0.352
GC2362	26.92	0.00	0.00	16.64	9.64	0.00	5.35	0.358
GC2363	26.92	0.00	0.00	13.89	12.23	0.05	58.12	0.454
GC2364	26.92	0.00	0.00	13.45	12.67	0.01	7.30	0.471
GC2365	26.92	0.00	0.00	9.72	16.16	0.01	8.32	0.600
GC2366	26.92	0.00	0.00	16.84	9.44	0.01	6.06	0.351
GC2367	26.92	0.00	0.00	13.92	12.20	0.05	61.94	0.453
GC2368	26.92	0.00	0.00	16.67	9.61	0.00	5.29	0.357
GC2369	26.92	0.00	0.00	16.63	9.65	0.01	7.78	0.359
GC237	26.92	0.00	0.00	13.60	12.52	0.01	6.64	0.465
GC2370	26.92	0.00	0.00	16.52	9.76	0.01	7.33	0.363
GC2372	26.92	0.00	0.00	9.70	16.18	0.01	8.86	0.601
GC2373	26.92	0.00	0.00	16.74	9.53	0.01	5.70	0.354
GC2374	26.92	0.00	0.00	16.77	9.51	0.01	5.64	0.353
GC2375	26.92	0.00	0.00	16.55	9.73	0.01	6.77	0.361
GC2376	26.92	0.00	0.00	13.44	12.68	0.01	6.88	0.471
GC2377	26.92	0.00	0.00	16.72	9.56	0.01	7.36	0.355
GC2378	26.92	0.00	0.00	13.41	12.71	0.01	7.31	0.472
GC2379	26.92	0.00	0.00	9.77	16.11	0.01	7.47	0.598
GC238	26.92	0.00	0.00	16.44	9.84	0.01	7.21	0.365
GC2380	26.92	0.00	0.00	16.85	9.43	0.00	4.94	0.350
GC2381	26.92	0.00	0.00	16.82	9.45	0.01	6.09	0.351
GC2382	26.92	0.00	0.00	16.52	9.76	0.01	7.22	0.363
GC2384	26.92	0.00	0.00	16.53	9.74	0.01	7.27	0.362
GC2385	26.92	0.00	0.00	16.79	9.49	0.01	5.60	0.353
GC2386	26.92	0.00	0.00	13.43	12.69	0.01	7.17	0.471
GC2387	26.92	0.00	0.00	16.81	9.46	0.01	5.55	0.352
GC2388	26.92	0.00	0.00	16.46	9.82	0.01	7.44	0.365
GC2389	26.92	0.00	0.00	16.77	9.51	0.01	7.67	0.353
GC239	26.92	0.00	0.00	16.62	9.66	0.01	6.01	0.359
GC2390	26.92	0.00	0.00	13.49	12.63	0.01	7.12	0.469
GC2392	26.92	0.00	0.00	7.37	18.43	0.02	29.40	0.685
GC2393	26.92	0.00	0.00	16.86	9.42	0.01	5.46	0.350
GC2394	26.92	0.00	0.00	16.71	9.57	0.01	6.87	0.355
GC2395	26.92	0.00	0.00	16.79	9.48	0.01	7.15	0.352
GC2396	26.92	0.00	0.00	16.89	9.39	0.01	5.95	0.349
GC2397	26.92	0.00	0.00	13.49	12.63	0.01	7.04	0.469
GC2398	26.92	0.00	0.00	16.60	9.68	0.01	7.07	0.360
GC2399	26.92	0.00	0.00	16.63	9.65	0.01	6.43	0.358

GC24	26.92	0.00	0.00	16.55	9.73	0.01	6.85	0.361
GC240	26.92	0.00	0.00	16.44	9.84	0.01	7.14	0.366
GC2400	26.92	0.00	0.00	16.88	9.40	0.01	5.43	0.349
GC2401	26.92	0.00	0.00	16.70	9.58	0.01	5.80	0.356
GC2403	26.92	0.00	0.00	13.47	12.65	0.01	7.06	0.470
GC2404	26.92	0.00	0.00	16.82	9.46	0.01	5.53	0.351
GC2405	26.92	0.00	0.00	16.70	9.58	0.01	8.12	0.356
GC2406	26.92	0.00	0.00	16.51	9.77	0.01	6.98	0.363
GC2407	26.92	0.00	0.00	13.74	12.38	0.01	7.70	0.460
GC2409	26.92	0.00	0.00	16.55	9.73	0.01	6.92	0.362
GC241	26.92	0.00	0.00	16.44	9.84	0.01	6.53	0.366
GC2410	26.92	0.00	0.00	16.91	9.37	0.01	5.92	0.348
GC2411	26.92	0.00	0.00	13.89	12.23	0.05	57.73	0.454
GC2412	26.92	0.00	0.00	16.80	9.48	0.01	7.14	0.352
GC2413	26.92	0.00	0.00	7.49	18.31	0.03	38.73	0.680
GC2414	26.92	0.00	0.00	16.79	9.48	0.01	5.49	0.352
GC2415	26.92	0.00	0.00	16.76	9.52	0.01	5.57	0.354
GC2416	26.92	0.00	0.00	13.64	12.48	0.01	7.71	0.463
GC2417	26.92	0.00	0.00	16.81	9.47	0.00	5.00	0.352
GC2419	26.92	0.00	0.00	20.35	6.08	0.05	47.02	0.226
GC242	26.92	0.00	0.00	16.39	9.89	0.01	6.74	0.367
GC2420	26.92	0.00	0.00	16.70	9.58	0.01	7.38	0.356
GC2421	26.92	0.00	0.00	16.89	9.39	0.01	5.39	0.349
GC2422	26.92	0.00	0.00	16.64	9.64	0.01	8.34	0.358
GC2423	26.92	0.00	0.00	7.32	18.48	0.02	25.29	0.687
GC2424	26.92	0.00	0.00	20.14	6.29	0.02	22.44	0.234
GC2425	26.92	0.00	0.00	16.67	9.61	0.01	7.53	0.357
GC2427	26.92	0.00	0.00	16.62	9.66	0.01	6.61	0.359
GC2428	26.92	0.00	0.00	13.84	12.28	0.01	10.56	0.456
GC2429	26.92	0.00	0.00	16.74	9.54	0.01	7.36	0.354
GC243	26.92	0.00	0.00	16.45	9.83	0.01	6.48	0.365
GC2430	26.92	0.00	0.00	16.84	9.44	0.01	6.08	0.351
GC2432	26.92	0.00	0.00	17.34	8.94	0.01	7.98	0.332
GC2433	26.92	0.00	0.00	16.64	9.64	0.01	6.55	0.358
GC2434	26.92	0.00	0.00	16.44	9.84	0.01	8.50	0.366
GC2435	26.92	0.00	0.00	13.92	12.19	0.01	11.48	0.453
GC2436	26.92	0.00	0.00	16.67	9.61	0.01	7.52	0.357
GC2437	26.92	0.00	0.00	13.49	12.63	0.01	6.85	0.469
GC2438	26.92	0.00	0.00	13.69	12.43	0.01	8.27	0.462
GC2439	26.92	0.00	0.00	13.67	12.45	0.01	8.22	0.463
GC244	26.92	0.00	0.00	16.92	9.36	0.01	9.70	0.348
GC2441	26.92	0.00	0.00	16.87	9.41	0.01	7.90	0.350
GC2442	26.92	0.00	0.00	16.77	9.51	0.01	5.65	0.353
GC2443	26.92	0.00	0.00	16.76	9.52	0.01	5.68	0.354
GC2444	26.92	0.00	0.00	16.93	9.34	0.01	5.87	0.347
GC2445	26.92	0.00	0.00	13.58	12.54	0.01	8.16	0.466
GC2446	26.92	0.00	0.00	16.83	9.45	0.01	5.99	0.351
GC2447	26.92	0.00	0.00	16.62	9.65	0.01	6.71	0.359
GC2448	26.92	0.00	0.00	16.85	9.43	0.01	5.38	0.350
GC2449	26.92	0.00	0.00	16.67	9.61	0.01	5.81	0.357
GC245	26.92	0.00	0.00	16.72	9.55	0.01	6.41	0.355
GC2450	26.92	0.00	0.00	17.34	8.94	0.01	8.05	0.332
GC2451	26.92	0.00	0.00	7.63	18.17	0.06	56.86	0.675
GC2452	26.92	0.00	0.00	16.55	9.73	0.01	8.07	0.362
GC2453	26.92	0.00	0.00	16.62	9.66	0.01	6.70	0.359
GC2454	26.92	0.00	0.00	13.64	12.48	0.01	7.86	0.464
GC2455	26.92	0.00	0.00	16.52	9.76	0.01	8.02	0.362
GC2456	26.92	0.00	0.00	16.78	9.50	0.01	5.67	0.353
GC2457	26.92	0.00	0.00	14.18	11.94	0.01	8.18	0.443
GC2458	26.92	0.00	0.00	16.44	9.84	0.01	7.12	0.365
GC2459	26.92	0.00	0.00	14.43	11.69	0.01	9.52	0.434
GC246	26.92	0.00	0.00	9.89	15.99	0.01	17.63	0.594
GC2460	26.92	0.00	0.00	17.14	9.14	0.01	6.61	0.340
GC2461	26.92	0.00	0.00	17.38	8.90	0.01	6.74	0.331
GC2462	26.92	0.00	0.00	13.93	12.19	0.01	11.14	0.453
GC2463	26.92	0.00	0.00	13.84	12.28	0.01	10.11	0.456
GC2464	26.92	0.00	0.00	7.43	18.37	0.03	36.13	0.682
GC2465	26.92	0.00	0.00	9.92	15.96	0.01	15.47	0.593
GC2466	26.92	0.00	0.00	16.88	9.40	0.00	5.13	0.349
GC2467	26.92	0.00	0.00	16.81	9.46	0.01	6.13	0.352
GC2468	26.92	0.00	0.00	9.75	16.13	0.01	11.50	0.599
GC2469	26.92	0.00	0.00	9.75	16.13	0.01	11.62	0.599
GC247	26.92	0.00	0.00	13.68	12.44	0.01	7.49	0.462
GC2470	26.92	0.00	0.00	9.78	16.10	0.01	11.41	0.598
GC2471	26.92	0.00	0.00	13.82	12.30	0.01	10.13	0.457

GC2472	26.92	0.00	0.00	9.77	16.11	0.01	11.48	0.599
GC2473	26.92	0.00	0.00	9.77	16.11	0.01	11.48	0.599
GC2474	26.92	0.00	0.00	9.75	16.13	0.01	11.58	0.599
GC2475	26.92	0.00	0.00	16.99	9.29	0.01	5.24	0.345
GC2476	26.92	0.00	0.00	16.67	9.61	0.00	5.29	0.357
GC2477	26.92	0.00	0.00	16.84	9.44	0.00	4.97	0.351
GC2478	26.92	0.00	0.00	16.85	9.43	0.00	4.94	0.350
GC2479	26.92	0.00	0.00	16.97	9.31	0.01	5.70	0.346
GC248	26.92	0.00	0.00	17.24	9.04	0.01	9.54	0.336
GC2480	26.92	0.00	0.00	17.03	9.25	0.01	5.70	0.344
GC2481	26.92	0.00	0.00	16.94	9.34	0.01	5.86	0.347
GC2482	26.92	0.00	0.00	16.89	9.39	0.01	5.96	0.349
GC2483	26.92	0.00	0.00	9.76	16.12	0.01	12.43	0.599
GC2484	26.92	0.00	0.00	13.97	12.14	0.01	12.19	0.451
GC2485	26.92	0.00	0.00	7.31	18.49	0.02	26.89	0.687
GC2486	26.92	0.00	0.00	7.32	18.47	0.02	24.20	0.686
GC2487	26.92	0.00	0.00	7.58	18.21	0.05	50.10	0.677
GC2488	26.92	0.00	0.00	16.76	9.52	0.01	5.77	0.354
GC2489	26.92	0.00	0.00	13.91	12.21	0.01	11.13	0.454
GC249	26.92	0.00	0.00	16.50	9.78	0.01	6.63	0.363
GC2490	26.92	0.00	0.00	17.15	9.13	0.01	6.34	0.339
GC2491	26.92	0.00	0.00	9.57	16.31	0.01	10.10	0.606
GC2492	26.92	0.00	0.00	7.71	18.08	0.09	78.06	0.672
GC2493	26.92	0.00	0.00	9.63	16.25	0.01	8.55	0.604
GC2494	26.92	0.00	0.00	9.93	15.95	0.01	15.81	0.593
GC2495	26.92	0.00	0.00	17.72	8.56	0.01	8.43	0.318
GC2496	26.92	0.00	0.00	17.54	8.74	0.01	8.19	0.325
GC2497	26.92	0.00	0.00	14.03	12.09	0.01	13.89	0.449
GC2498	26.92	0.00	0.00	9.70	16.18	0.01	11.70	0.601
GC2499	26.92	0.00	0.00	16.82	9.46	0.01	5.84	0.352
GC25	26.92	0.00	0.00	16.87	9.41	0.01	7.19	0.350
GC250	26.92	0.00	0.00	17.55	8.73	0.01	13.16	0.324
GC2500	26.92	0.00	0.00	9.68	16.20	0.01	9.37	0.602
GC2501	26.92	0.00	0.00	16.84	9.44	0.01	5.36	0.351
GC2502	26.92	0.00	0.00	16.84	9.44	0.01	5.48	0.351
GC2503	26.92	0.00	0.00	17.35	8.93	0.01	7.72	0.332
GC2504	26.92	0.00	0.00	13.60	12.52	0.01	8.62	0.465
GC2505	26.92	0.00	0.00	9.60	16.28	0.01	10.18	0.605
GC2506	26.92	0.00	0.00	9.69	16.19	0.01	12.03	0.601
GC2507	26.92	0.00	0.00	9.73	16.15	0.01	11.72	0.600
GC2508	26.92	0.00	0.00	9.65	16.22	0.01	12.36	0.603
GC2509	26.92	0.00	0.00	9.74	16.14	0.01	11.66	0.600
GC251	26.92	0.00	0.00	13.56	12.56	0.01	6.73	0.467
GC2510	26.92	0.00	0.00	9.65	16.23	0.01	9.85	0.603
GC2511	26.92	0.00	0.00	9.74	16.14	0.01	11.71	0.600
GC2512	26.92	0.00	0.00	9.70	16.18	0.01	12.30	0.601
GC2513	26.92	0.00	0.00	16.69	9.58	0.01	5.81	0.356
GC2514	26.92	0.00	0.00	16.88	9.40	0.01	5.43	0.349
GC2515	26.92	0.00	0.00	16.80	9.48	0.01	5.59	0.352
GC2516	26.92	0.00	0.00	16.77	9.51	0.01	5.65	0.353
GC2517	26.92	0.00	0.00	16.78	9.50	0.01	5.63	0.353
GC2518	26.92	0.00	0.00	16.86	9.42	0.01	5.47	0.350
GC2519	26.92	0.00	0.00	16.80	9.47	0.01	5.57	0.352
GC252	26.92	0.00	0.00	16.52	9.75	0.01	6.25	0.362
GC2520	26.92	0.00	0.00	7.74	18.06	0.07	64.92	0.671
GC2521	26.92	0.00	0.00	16.89	9.39	0.01	5.54	0.349
GC2522	26.92	0.00	0.00	14.23	11.89	0.01	13.88	0.442
GC2523	26.92	0.00	0.00	17.59	8.69	0.01	8.12	0.323
GC2524	26.92	0.00	0.00	7.75	18.05	0.09	78.55	0.670
GC2525	26.92	0.00	0.00	14.30	11.82	0.02	17.25	0.439
GC2526	26.92	0.00	0.00	7.42	18.38	0.03	32.09	0.683
GC2527	26.92	0.00	0.00	26.09	0.74	0.02	9.52	0.028
GC2528	26.92	0.00	0.00	9.36	16.44	0.39	355.30	0.611
GC2529	26.92	0.00	0.00	9.47	16.33	0.36	314.83	0.607
GC253	26.92	0.00	0.00	13.60	12.51	0.01	6.66	0.465
GC2530	26.92	0.00	0.00	7.75	18.05	0.08	71.19	0.670
GC2531	26.92	0.00	0.00	9.54	16.25	0.39	335.91	0.604
GC2532	26.92	0.00	0.00	4.96	20.67	0.22	226.57	0.768
GC2533	26.92	0.00	0.00	20.88	5.56	0.19	178.75	0.207
GC2534	26.92	0.00	0.00	4.84	20.80	0.13	153.01	0.773
GC254	26.92	0.00	0.00	16.80	9.48	0.01	6.59	0.352
GC255	26.92	0.00	0.00	16.85	9.42	0.01	7.36	0.350
GC256	26.92	0.00	0.00	16.61	9.67	0.01	8.06	0.359
GC257	26.92	0.00	0.00	16.54	9.74	0.01	6.87	0.362
GC258	26.92	0.00	0.00	9.89	15.99	0.01	14.24	0.594

GC259	26.92	0.00	0.00	16.67	9.60	0.01	7.66	0.357
GC26	26.92	0.00	0.00	24.78	2.06	0.00	1.95	0.077
GC260	26.92	0.00	0.00	9.73	16.15	0.01	12.86	0.600
GC261	26.92	0.00	0.00	13.84	12.28	0.01	7.79	0.456
GC262	26.92	0.00	0.00	13.42	12.70	0.01	7.72	0.472
GC263	26.92	0.00	0.00	13.49	12.63	0.00	5.80	0.469
GC264	26.92	0.00	0.00	16.34	9.94	0.01	7.76	0.369
GC265	26.92	0.00	0.00	16.38	9.89	0.01	6.63	0.368
GC266	26.92	0.00	0.00	16.73	9.55	0.01	7.30	0.355
GC267	26.92	0.00	0.00	16.71	9.57	0.01	9.63	0.356
GC268	26.92	0.00	0.00	16.69	9.58	0.01	6.52	0.356
GC269	26.92	0.00	0.00	13.54	12.58	0.01	6.62	0.467
GC27	26.92	0.00	0.00	9.96	15.92	0.01	16.06	0.591
GC270	26.92	0.00	0.00	16.52	9.76	0.01	6.48	0.362
GC271	26.92	0.00	0.00	13.62	12.50	0.01	6.63	0.464
GC272	26.92	0.00	0.00	17.35	8.93	0.01	12.25	0.332
GC273	26.92	0.00	0.00	13.60	12.52	0.01	6.64	0.465
GC275	26.92	0.00	0.00	13.47	12.65	0.00	5.84	0.470
GC276	26.92	0.00	0.00	16.59	9.69	0.01	7.41	0.360
GC277	26.92	0.00	0.00	13.70	12.42	0.01	6.96	0.462
GC278	26.92	0.00	0.00	13.42	12.70	0.01	6.52	0.472
GC279	26.92	0.00	0.00	16.67	9.61	0.01	7.46	0.357
GC28	26.92	0.00	0.00	9.91	15.97	0.01	16.39	0.593
GC280	26.92	0.00	0.00	16.50	9.78	0.01	6.93	0.363
GC281	26.92	0.00	0.00	16.37	9.91	0.01	6.74	0.368
GC282	26.92	0.00	0.00	13.56	12.56	0.01	6.98	0.466
GC283	26.92	0.00	0.00	7.61	18.19	0.06	59.25	0.676
GC284	26.92	0.00	0.00	16.62	9.66	0.01	6.57	0.359
GC285	26.92	0.00	0.00	7.59	18.21	0.05	55.83	0.677
GC286	26.92	0.00	0.00	16.59	9.69	0.01	6.17	0.360
GC287	26.92	0.00	0.00	7.66	18.14	0.06	60.90	0.674
GC288	26.92	0.00	0.00	13.59	12.53	0.01	6.68	0.465
GC289	26.92	0.00	0.00	16.51	9.77	0.01	6.24	0.363
GC29	26.92	0.00	0.00	14.23	11.89	0.01	10.86	0.442
GC290	26.92	0.00	0.00	16.98	9.30	0.01	10.73	0.346
GC291	26.92	0.00	0.00	13.71	12.41	0.01	7.78	0.461
GC292	26.92	0.00	0.00	13.47	12.64	0.00	5.84	0.470
GC293	26.92	0.00	0.00	7.77	18.02	0.09	76.80	0.670
GC294	26.92	0.00	0.00	13.71	12.40	0.01	6.92	0.461
GC295	26.92	0.00	0.00	16.67	9.61	0.01	7.40	0.357
GC296	26.92	0.00	0.00	13.44	12.68	0.01	6.80	0.471
GC297	26.92	0.00	0.00	16.73	9.55	0.01	9.04	0.355
GC298	26.92	0.00	0.00	16.68	9.60	0.01	8.39	0.357
GC299	26.92	0.00	0.00	13.53	12.59	0.01	6.70	0.468
GC3	26.92	0.00	0.00	26.45	0.39	0.04	19.95	0.014
GC30	26.92	0.00	0.00	14.07	12.04	0.01	10.51	0.447
GC300	26.92	0.00	0.00	16.75	9.53	0.01	9.16	0.354
GC301	26.92	0.00	0.00	16.71	9.57	0.01	8.15	0.356
GC302	26.92	0.00	0.00	16.59	9.69	0.01	6.63	0.360
GC303	26.92	0.00	0.00	17.33	8.95	0.01	12.33	0.333
GC304	26.92	0.00	0.00	16.57	9.71	0.01	7.53	0.361
GC305	26.92	0.00	0.00	16.51	9.76	0.01	6.35	0.363
GC306	26.92	0.00	0.00	16.51	9.77	0.01	6.29	0.363
GC307	26.92	0.00	0.00	16.68	9.60	0.01	6.19	0.357
GC308	26.92	0.00	0.00	16.57	9.71	0.01	7.12	0.361
GC309	26.92	0.00	0.00	16.88	9.39	0.01	9.14	0.349
GC31	26.92	0.00	0.00	13.92	12.20	0.01	8.38	0.453
GC310_1	26.92	0.00	0.00	7.47	18.33	0.03	36.56	0.681
GC310_2	26.92	0.00	0.00	7.78	18.01	0.10	80.69	0.669
GC311	26.92	0.00	0.00	16.61	9.67	0.01	6.61	0.359
GC312	26.92	0.00	0.00	16.48	9.80	0.01	7.00	0.364
GC313	26.92	0.00	0.00	16.39	9.89	0.01	7.38	0.367
GC314	26.92	0.00	0.00	16.46	9.82	0.01	7.09	0.365
GC315	26.92	0.00	0.00	16.59	9.69	0.01	6.68	0.360
GC316	26.92	0.00	0.00	16.44	9.84	0.01	7.35	0.366
GC317	26.92	0.00	0.00	13.56	12.56	0.01	6.73	0.467
GC318	26.92	0.00	0.00	7.64	18.16	0.05	54.41	0.675
GC319	26.92	0.00	0.00	17.49	8.79	0.01	11.61	0.327
GC32	26.92	0.00	0.00	13.45	12.67	0.00	5.89	0.471
GC320	26.92	0.00	0.00	13.61	12.51	0.01	7.33	0.465
GC321	26.92	0.00	0.00	17.61	8.67	0.02	15.49	0.322
GC322	26.92	0.00	0.00	17.09	9.19	0.01	9.14	0.341
GC323	26.92	0.00	0.00	13.76	12.36	0.01	7.54	0.459
GC324	26.92	0.00	0.00	25.53	1.30	0.01	6.08	0.048
GC325	26.92	0.00	0.00	16.79	9.49	0.01	6.80	0.353

GC326	26.92	0.00	0.00	13.79	12.33	0.01	7.63	0.458
GC327	26.92	0.00	0.00	16.39	9.89	0.01	6.63	0.367
GC328	26.92	0.00	0.00	16.75	9.53	0.01	9.10	0.354
GC329	26.92	0.00	0.00	25.53	1.31	0.01	4.60	0.049
GC33	26.92	0.00	0.00	14.53	11.59	0.02	15.76	0.430
GC330	26.92	0.00	0.00	13.70	12.42	0.01	8.48	0.462
GC331	26.92	0.00	0.00	16.47	9.81	0.01	6.44	0.364
GC332	26.92	0.00	0.00	16.89	9.39	0.01	9.50	0.349
GC333	26.92	0.00	0.00	16.92	9.36	0.01	7.79	0.348
GC334	26.92	0.00	0.00	16.48	9.80	0.01	6.97	0.364
GC335	26.92	0.00	0.00	16.55	9.73	0.01	7.01	0.362
GC336	26.92	0.00	0.00	16.33	9.95	0.01	7.60	0.370
GC337	26.92	0.00	0.00	16.35	9.93	0.01	7.01	0.369
GC338	26.92	0.00	0.00	13.91	12.21	0.01	9.39	0.454
GC339	26.92	0.00	0.00	16.36	9.92	0.01	7.19	0.369
GC34	26.92	0.00	0.00	13.88	12.24	0.01	7.67	0.455
GC340	26.92	0.00	0.00	16.40	9.88	0.01	7.01	0.367
GC341	26.92	0.00	0.00	16.36	9.92	0.01	6.53	0.369
GC342	26.92	0.00	0.00	16.42	9.86	0.01	7.58	0.366
GC343	26.92	0.00	0.00	16.41	9.87	0.01	6.96	0.367
GC344	26.92	0.00	0.00	16.47	9.81	0.01	6.75	0.364
GC345	26.92	0.00	0.00	16.47	9.81	0.01	6.77	0.364
GC346	26.92	0.00	0.00	16.31	9.97	0.01	7.69	0.370
GC347	26.92	0.00	0.00	16.30	9.98	0.01	7.05	0.371
GC348	26.92	0.00	0.00	16.34	9.94	0.01	7.41	0.369
GC349	26.92	0.00	0.00	16.56	9.72	0.01	6.13	0.361
GC35	26.92	0.00	0.00	13.88	12.24	0.01	7.50	0.455
GC350	26.92	0.00	0.00	16.36	9.92	0.01	7.63	0.369
GC351	26.92	0.00	0.00	16.32	9.95	0.01	7.47	0.370
GC352	26.92	0.00	0.00	16.37	9.91	0.01	7.10	0.368
GC353	26.92	0.00	0.00	16.59	9.69	0.01	6.70	0.360
GC354	26.92	0.00	0.00	16.29	9.99	0.01	7.52	0.371
GC355	26.92	0.00	0.00	7.38	18.41	0.03	33.10	0.684
GC356	26.92	0.00	0.00	7.40	18.39	0.02	27.73	0.683
GC357	26.92	0.00	0.00	16.46	9.82	0.01	6.46	0.365
GC358	26.92	0.00	0.00	7.72	18.07	0.08	68.20	0.671
GC359	26.92	0.00	0.00	16.69	9.59	0.01	6.79	0.356
GC36	26.92	0.00	0.00	13.95	12.17	0.01	7.93	0.452
GC360	26.92	0.00	0.00	16.34	9.93	0.01	7.02	0.369
GC361	26.92	0.00	0.00	16.67	9.61	0.01	6.44	0.357
GC362	26.92	0.00	0.00	16.40	9.88	0.01	6.69	0.367
GC363	26.92	0.00	0.00	17.04	9.24	0.01	8.38	0.343
GC364	26.92	0.00	0.00	7.70	18.09	0.07	61.29	0.672
GC365	26.92	0.00	0.00	16.40	9.88	0.01	6.79	0.367
GC366	26.92	0.00	0.00	16.33	9.95	0.01	7.01	0.370
GC367	26.92	0.00	0.00	16.48	9.80	0.01	6.64	0.364
GC368	26.92	0.00	0.00	16.50	9.78	0.01	6.99	0.363
GC369	26.92	0.00	0.00	13.68	12.44	0.01	6.53	0.462
GC37	26.92	0.00	0.00	14.14	11.97	0.01	10.44	0.445
GC370	26.92	0.00	0.00	7.64	18.16	0.06	59.92	0.674
GC371	26.92	0.00	0.00	16.48	9.79	0.01	6.47	0.364
GC372	26.92	0.00	0.00	14.28	11.84	0.02	20.84	0.440
GC373	26.92	0.00	0.00	16.74	9.53	0.01	9.42	0.354
GC374	26.92	0.00	0.00	16.51	9.77	0.01	6.76	0.363
GC375	26.92	0.00	0.00	17.26	9.01	0.01	10.89	0.335
GC376	26.92	0.00	0.00	16.30	9.98	0.01	6.99	0.371
GC378	26.92	0.00	0.00	16.89	9.39	0.01	9.77	0.349
GC379	26.92	0.00	0.00	24.44	2.39	0.00	2.24	0.089
GC38	26.92	0.00	0.00	13.83	12.28	0.01	7.39	0.456
GC380	26.92	0.00	0.00	7.39	18.41	0.03	32.08	0.684
GC381	26.92	0.00	0.00	7.80	18.00	0.14	106.64	0.669
GC382	26.92	0.00	0.00	16.57	9.71	0.01	6.70	0.361
GC383	26.92	0.00	0.00	16.82	9.46	0.01	8.09	0.351
GC384	26.92	0.00	0.00	16.97	9.31	0.01	9.28	0.346
GC385	26.92	0.00	0.00	16.54	9.74	0.01	6.19	0.362
GC386	26.92	0.00	0.00	17.75	8.53	0.02	15.61	0.317
GC387	26.92	0.00	0.00	16.51	9.77	0.01	7.07	0.363
GC388	26.92	0.00	0.00	17.10	9.18	0.01	9.30	0.341
GC389	26.92	0.00	0.00	16.50	9.78	0.01	6.52	0.363
GC39	26.92	0.00	0.00	13.85	12.27	0.01	9.77	0.456
GC390	26.92	0.00	0.00	13.70	12.42	0.01	6.48	0.461
GC391	26.92	0.00	0.00	16.60	9.68	0.01	6.11	0.360
GC392	26.92	0.00	0.00	13.57	12.55	0.01	6.71	0.466
GC393	26.92	0.00	0.00	16.43	9.85	0.01	7.11	0.366
GC394	26.92	0.00	0.00	16.33	9.95	0.01	7.29	0.370

GC395	26.92	0.00	0.00	16.40	9.88	0.01	6.67	0.367
GC396	26.92	0.00	0.00	16.63	9.65	0.01	6.28	0.358
GC397	26.92	0.00	0.00	16.25	10.03	0.01	7.27	0.373
GC398	26.92	0.00	0.00	16.32	9.96	0.01	7.20	0.370
GC399	26.92	0.00	0.00	17.50	8.94	0.00	3.59	0.332
GC4	26.92	0.00	0.00	25.50	1.34	0.01	7.17	0.050
GC40	26.92	0.00	0.00	14.39	11.73	0.01	13.66	0.436
GC400	26.92	0.00	0.00	16.48	9.80	0.01	6.82	0.364
GC401	26.92	0.00	0.00	17.39	9.05	0.00	3.30	0.336
GC402	26.92	0.00	0.00	17.30	9.14	0.00	3.33	0.339
GC403	26.92	0.00	0.00	17.25	9.19	0.00	3.44	0.341
GC404	26.92	0.00	0.00	17.23	9.21	0.00	3.49	0.342
GC405	26.92	0.00	0.00	17.25	9.19	0.00	3.45	0.341
GC406	26.92	0.00	0.00	17.29	9.15	0.00	3.35	0.340
GC407	26.92	0.00	0.00	17.37	9.07	0.00	3.21	0.337
GC408	26.92	0.00	0.00	17.36	9.08	0.00	3.22	0.337
GC409	26.92	0.00	0.00	17.35	9.09	0.00	3.23	0.338
GC41	26.92	0.00	0.00	25.50	1.34	0.01	5.36	0.050
GC410	26.92	0.00	0.00	17.32	9.12	0.00	3.30	0.339
GC411	26.92	0.00	0.00	17.34	9.10	0.00	3.27	0.338
GC412	26.92	0.00	0.00	13.79	12.33	0.01	8.20	0.458
GC413	26.92	0.00	0.00	17.42	9.02	0.00	3.11	0.335
GC414	26.92	0.00	0.00	17.08	9.20	0.01	10.97	0.342
GC415	26.92	0.00	0.00	17.39	9.05	0.00	3.42	0.336
GC416	26.92	0.00	0.00	16.69	9.59	0.01	7.16	0.356
GC417	26.92	0.00	0.00	17.58	8.86	0.00	4.19	0.329
GC418	26.92	0.00	0.00	16.42	9.86	0.01	6.62	0.366
GC419	26.92	0.00	0.00	16.42	9.86	0.01	7.73	0.366
GC42	26.92	0.00	0.00	16.63	9.65	0.01	7.05	0.358
GC420	26.92	0.00	0.00	17.56	8.88	0.00	5.60	0.330
GC421	26.92	0.00	0.00	16.63	9.65	0.01	6.01	0.358
GC422	26.92	0.00	0.00	13.89	12.22	0.01	8.39	0.454
GC423	26.92	0.00	0.00	13.66	12.46	0.01	7.16	0.463
GC424	26.92	0.00	0.00	13.59	12.53	0.01	6.67	0.465
GC425	26.92	0.00	0.00	16.73	9.54	0.01	7.48	0.355
GC426	26.92	0.00	0.00	16.60	9.68	0.01	6.06	0.360
GC427	26.92	0.00	0.00	13.81	12.31	0.01	7.60	0.457
GC428	26.92	0.00	0.00	25.64	1.20	0.01	8.41	0.045
GC429	26.92	0.00	0.00	23.02	3.42	0.05	17.03	0.127
GC43	26.92	0.00	0.00	11.39	14.49	0.10	73.20	0.538
GC430	26.92	0.00	0.00	13.55	12.56	0.00	5.93	0.467
GC432	26.92	0.00	0.00	17.00	9.28	0.01	9.29	0.345
GC433	26.92	0.00	0.00	16.41	9.87	0.01	6.91	0.367
GC434	26.92	0.00	0.00	16.31	9.97	0.01	7.10	0.370
GC435	26.92	0.00	0.00	16.73	9.55	0.01	6.38	0.355
GC436	26.92	0.00	0.00	16.37	9.91	0.01	7.27	0.368
GC437	26.92	0.00	0.00	17.40	9.04	0.00	3.19	0.336
GC438	26.92	0.00	0.00	16.79	9.49	0.01	8.21	0.353
GC439	26.92	0.00	0.00	13.56	12.55	0.01	6.69	0.466
GC44	26.92	0.00	0.00	16.56	9.72	0.01	6.05	0.361
GC440	26.92	0.00	0.00	16.46	9.82	0.01	6.90	0.365
GC441	26.92	0.00	0.00	17.56	8.88	0.00	4.33	0.330
GC442	26.92	0.00	0.00	7.20	18.60	0.01	14.10	0.691
GC443	26.92	0.00	0.00	16.70	9.58	0.01	7.78	0.356
GC444	26.92	0.00	0.00	16.73	9.55	0.01	7.41	0.355
GC445	26.92	0.00	0.00	16.55	9.73	0.01	6.23	0.362
GC446	26.92	0.00	0.00	16.53	9.75	0.01	8.64	0.362
GC447	26.92	0.00	0.00	16.42	9.86	0.01	8.25	0.366
GC448	26.92	0.00	0.00	16.70	9.58	0.01	7.57	0.356
GC449	26.92	0.00	0.00	17.49	8.79	0.01	11.58	0.326
GC45	26.92	0.00	0.00	16.87	9.41	0.01	8.31	0.349
GC450	26.92	0.00	0.00	13.49	12.63	0.00	5.84	0.469
GC451	26.92	0.00	0.00	13.53	12.59	0.01	6.79	0.468
GC452	26.92	0.00	0.00	13.78	12.34	0.01	7.74	0.458
GC453	26.92	0.00	0.00	7.50	18.29	0.03	37.11	0.680
GC454	26.92	0.00	0.00	16.54	9.74	0.01	8.07	0.362
GC455	26.92	0.00	0.00	13.52	12.60	0.00	5.96	0.468
GC456	26.92	0.00	0.00	16.85	9.43	0.01	8.42	0.350
GC457	26.92	0.00	0.00	16.67	9.61	0.01	7.58	0.357
GC458	26.92	0.00	0.00	26.13	0.71	0.02	12.39	0.026
GC459	26.92	0.00	0.00	7.56	18.23	0.04	47.62	0.677
GC46	26.92	0.00	0.00	10.01	15.87	0.02	18.10	0.590
GC460	26.92	0.00	0.00	16.60	9.68	0.01	6.26	0.360
GC461	26.92	0.00	0.00	16.68	9.60	0.01	7.54	0.357
GC462	26.92	0.00	0.00	13.72	12.40	0.01	7.76	0.461

GC463	26.92	0.00	0.00	16.66	9.62	0.01	7.63	0.357
GC464	26.92	0.00	0.00	16.67	9.61	0.01	7.62	0.357
GC465	26.92	0.00	0.00	16.70	9.58	0.01	7.46	0.356
GC466	26.92	0.00	0.00	16.93	9.35	0.01	9.17	0.347
GC467	26.92	0.00	0.00	16.68	9.60	0.01	7.52	0.356
GC468	26.92	0.00	0.00	16.70	9.58	0.01	7.53	0.356
GC469	26.92	0.00	0.00	16.87	9.41	0.01	7.93	0.350
GC47	26.92	0.00	0.00	9.84	16.04	0.01	14.92	0.596
GC470	26.92	0.00	0.00	13.52	12.60	0.01	6.80	0.468
GC471	26.92	0.00	0.00	17.54	8.90	0.00	3.70	0.331
GC472	26.92	0.00	0.00	17.54	8.90	0.00	3.24	0.331
GC473	26.92	0.00	0.00	16.80	9.48	0.01	7.91	0.352
GC474	26.92	0.00	0.00	16.50	9.78	0.01	8.10	0.363
GC475	26.92	0.00	0.00	16.36	9.92	0.01	6.80	0.368
GC476	26.92	0.00	0.00	16.35	9.93	0.01	7.45	0.369
GC477	26.92	0.00	0.00	7.59	18.21	0.05	52.64	0.676
GC478	26.92	0.00	0.00	16.59	9.69	0.01	6.13	0.360
GC479	26.92	0.00	0.00	7.61	18.19	0.05	50.69	0.676
GC48	26.92	0.00	0.00	16.50	9.78	0.01	6.93	0.363
GC480	26.92	0.00	0.00	16.60	9.68	0.01	8.10	0.359
GC481	26.92	0.00	0.00	17.33	9.11	0.00	3.61	0.339
GC482	26.92	0.00	0.00	16.95	9.33	0.01	8.86	0.347
GC483	26.92	0.00	0.00	16.66	9.62	0.01	6.79	0.357
GC484	26.92	0.00	0.00	13.45	12.67	0.00	5.93	0.471
GC485	26.92	0.00	0.00	25.07	1.76	0.00	2.63	0.066
GC486	26.92	0.00	0.00	16.28	10.00	0.01	7.20	0.372
GC487	26.92	0.00	0.00	17.42	9.02	0.00	3.11	0.335
GC488	26.92	0.00	0.00	17.36	9.08	0.00	3.21	0.337
GC489	26.92	0.00	0.00	17.42	9.02	0.00	3.11	0.335
GC49	26.92	0.00	0.00	16.76	9.51	0.01	7.27	0.353
GC490	26.92	0.00	0.00	17.40	9.04	0.00	3.13	0.336
GC491	26.92	0.00	0.00	17.39	9.05	0.00	3.15	0.336
GC492	26.92	0.00	0.00	17.35	9.09	0.00	3.23	0.338
GC493	26.92	0.00	0.00	17.38	9.06	0.00	3.17	0.337
GC494	26.92	0.00	0.00	17.37	9.07	0.00	3.19	0.337
GC495	26.92	0.00	0.00	17.38	9.05	0.00	3.16	0.336
GC496	26.92	0.00	0.00	17.49	8.95	0.00	3.02	0.333
GC497	26.92	0.00	0.00	17.37	8.91	0.01	10.04	0.331
GC498	26.92	0.00	0.00	16.48	9.80	0.01	8.01	0.364
GC499	26.92	0.00	0.00	17.45	8.99	0.00	3.03	0.334
GC5	26.92	0.00	0.00	8.02	17.69	1.09	240.91	0.657
GC50	26.92	0.00	0.00	16.71	9.57	0.01	7.13	0.356
GC500	26.92	0.00	0.00	25.86	0.97	0.01	6.22	0.036
GC501	26.92	0.00	0.00	17.66	8.78	0.00	4.57	0.326
GC502	26.92	0.00	0.00	13.54	12.58	0.00	5.92	0.467
GC503	26.92	0.00	0.00	13.60	12.52	0.01	6.66	0.465
GC504	26.92	0.00	0.00	13.85	12.27	0.01	7.62	0.456
GC505	26.92	0.00	0.00	16.56	9.72	0.01	8.69	0.361
GC506	26.92	0.00	0.00	16.41	9.86	0.01	7.66	0.366
GC507	26.92	0.00	0.00	16.76	9.51	0.01	9.77	0.353
GC508	26.92	0.00	0.00	13.64	12.48	0.01	7.82	0.464
GC509	26.92	0.00	0.00	13.70	12.41	0.01	6.48	0.461
GC51	26.92	0.00	0.00	16.65	9.63	0.01	6.51	0.358
GC510	26.92	0.00	0.00	16.55	9.73	0.01	6.79	0.361
GC511	26.92	0.00	0.00	17.45	8.99	0.00	3.52	0.334
GC512	26.92	0.00	0.00	17.54	8.90	0.00	3.79	0.331
GC513	26.92	0.00	0.00	16.86	9.41	0.01	9.34	0.350
GC514	26.92	0.00	0.00	16.56	9.72	0.01	7.70	0.361
GC515	26.92	0.00	0.00	16.55	9.72	0.01	6.20	0.361
GC516	26.92	0.00	0.00	16.65	9.63	0.01	8.25	0.358
GC517	26.92	0.00	0.00	16.65	9.63	0.01	7.72	0.358
GC518	26.92	0.00	0.00	17.37	9.07	0.00	3.18	0.337
GC519	26.92	0.00	0.00	13.59	12.53	0.01	6.74	0.466
GC52	26.92	0.00	0.00	17.15	9.13	0.01	12.76	0.339
GC520	26.92	0.00	0.00	16.49	9.79	0.01	6.32	0.364
GC521	26.92	0.00	0.00	13.54	12.58	0.00	5.91	0.467
GC522	26.92	0.00	0.00	16.51	9.77	0.01	8.10	0.363
GC523	26.92	0.00	0.00	16.31	9.96	0.01	7.31	0.370
GC524	26.92	0.00	0.00	13.63	12.48	0.01	6.60	0.464
GC525	26.92	0.00	0.00	16.56	9.72	0.01	8.13	0.361
GC526	26.92	0.00	0.00	13.78	12.34	0.01	7.79	0.458
GC527	26.92	0.00	0.00	17.29	9.15	0.00	3.33	0.340
GC528	26.92	0.00	0.00	17.01	9.27	0.01	9.13	0.344
GC529	26.92	0.00	0.00	16.93	9.34	0.01	8.30	0.347
GC53	26.92	0.00	0.00	13.43	12.69	0.00	5.93	0.471

GC530	26.92	0.00	0.00	13.66	12.46	0.01	7.78	0.463
GC531	26.92	0.00	0.00	13.72	12.40	0.01	6.47	0.461
GC532	26.92	0.00	0.00	17.43	9.01	0.00	3.11	0.335
GC533	26.92	0.00	0.00	17.49	8.95	0.00	3.45	0.333
GC534	26.92	0.00	0.00	17.53	8.91	0.00	3.81	0.331
GC535	26.92	0.00	0.00	17.42	9.02	0.00	3.13	0.335
GC536	26.92	0.00	0.00	17.34	9.10	0.00	3.24	0.338
GC537	26.92	0.00	0.00	17.33	9.11	0.00	3.27	0.339
GC538	26.92	0.00	0.00	17.29	9.15	0.00	3.33	0.340
GC539	26.92	0.00	0.00	17.33	9.11	0.00	3.26	0.338
GC54	26.92	0.00	0.00	16.48	9.80	0.01	7.79	0.364
GC540	26.92	0.00	0.00	17.32	9.12	0.00	3.28	0.339
GC541	26.92	0.00	0.00	17.39	9.05	0.00	3.16	0.336
GC542	26.92	0.00	0.00	17.39	9.05	0.00	3.15	0.336
GC543	26.92	0.00	0.00	17.33	9.11	0.00	3.27	0.338
GC544	26.92	0.00	0.00	17.31	9.13	0.00	3.29	0.339
GC545	26.92	0.00	0.00	17.29	9.15	0.00	3.34	0.340
GC546	26.92	0.00	0.00	16.72	9.55	0.01	9.24	0.355
GC547	26.92	0.00	0.00	7.51	18.29	0.03	39.61	0.679
GC548	26.92	0.00	0.00	17.44	9.00	0.00	3.05	0.334
GC549	26.92	0.00	0.00	13.54	12.58	0.00	5.89	0.467
GC55	26.92	0.00	0.00	16.37	9.91	0.01	7.97	0.368
GC550	26.92	0.00	0.00	13.60	12.52	0.01	6.80	0.465
GC551	26.92	0.00	0.00	16.77	9.51	0.01	9.11	0.353
GC552	26.92	0.00	0.00	16.51	9.77	0.01	7.54	0.363
GC553	26.92	0.00	0.00	16.43	9.85	0.01	7.30	0.366
GC554	26.92	0.00	0.00	16.43	9.85	0.01	7.82	0.366
GC555	26.92	0.00	0.00	16.62	9.66	0.01	5.99	0.359
GC556	26.92	0.00	0.00	7.61	18.18	0.05	50.85	0.675
GC557	26.92	0.00	0.00	16.66	9.62	0.01	7.03	0.357
GC558	26.92	0.00	0.00	13.69	12.43	0.01	6.51	0.462
GC559	26.92	0.00	0.00	16.69	9.59	0.01	7.59	0.356
GC56	26.92	0.00	0.00	16.59	9.69	0.01	6.05	0.360
GC560	26.92	0.00	0.00	7.51	18.29	0.04	45.01	0.680
GC561	26.92	0.00	0.00	13.70	12.41	0.01	7.91	0.461
GC562	26.92	0.00	0.00	17.40	8.88	0.01	10.84	0.330
GC563	26.92	0.00	0.00	16.62	9.65	0.01	6.57	0.359
GC564	26.92	0.00	0.00	16.35	9.92	0.01	7.43	0.369
GC565	26.92	0.00	0.00	17.26	9.02	0.01	10.60	0.335
GC566	26.92	0.00	0.00	17.33	9.11	0.00	3.27	0.338
GC567	26.92	0.00	0.00	7.99	17.76	0.65	190.71	0.660
GC568	26.92	0.00	0.00	13.66	12.46	0.01	7.78	0.463
GC569	26.92	0.00	0.00	17.47	8.97	0.00	3.46	0.333
GC57	26.92	0.00	0.00	16.59	9.68	0.01	6.09	0.360
GC570	26.92	0.00	0.00	17.50	8.94	0.00	3.86	0.332
GC571	26.92	0.00	0.00	16.62	9.66	0.01	7.19	0.359
GC572	26.92	0.00	0.00	13.73	12.39	0.01	7.74	0.460
GC573	26.92	0.00	0.00	17.40	9.04	0.00	3.11	0.336
GC574	26.92	0.00	0.00	13.57	12.55	0.00	5.83	0.466
GC575	26.92	0.00	0.00	16.78	9.50	0.01	9.36	0.353
GC576	26.92	0.00	0.00	17.01	9.26	0.01	8.45	0.344
GC577	26.92	0.00	0.00	17.77	8.51	0.02	13.84	0.316
GC578	26.92	0.00	0.00	7.78	18.01	0.10	80.51	0.669
GC579	26.92	0.00	0.00	13.52	12.60	0.00	5.99	0.468
GC58	26.92	0.00	0.00	16.76	9.52	0.01	10.42	0.354
GC580	26.92	0.00	0.00	16.42	9.86	0.01	7.19	0.366
GC581	26.92	0.00	0.00	16.37	9.91	0.01	7.88	0.368
GC582	26.92	0.00	0.00	16.78	9.50	0.01	7.91	0.353
GC583	26.92	0.00	0.00	16.73	9.55	0.01	9.23	0.355
GC584	26.92	0.00	0.00	9.41	16.39	0.23	202.88	0.609
GC585	26.92	0.00	0.00	16.86	9.42	0.01	8.42	0.350
GC586	26.92	0.00	0.00	16.97	9.31	0.01	8.31	0.346
GC587	26.92	0.00	0.00	7.56	18.23	0.04	42.80	0.677
GC588	26.92	0.00	0.00	7.76	18.04	0.09	78.37	0.670
GC589	26.92	0.00	0.00	16.54	9.74	0.01	9.22	0.362
GC59	26.92	0.00	0.00	16.45	9.83	0.01	7.22	0.365
GC590	26.92	0.00	0.00	13.67	12.45	0.01	6.56	0.463
GC591	26.92	0.00	0.00	16.68	9.60	0.01	6.40	0.356
GC592	26.92	0.00	0.00	16.56	9.71	0.01	7.82	0.361
GC593	26.92	0.00	0.00	16.56	9.72	0.01	9.24	0.361
GC594	26.92	0.00	0.00	17.37	8.91	0.01	11.35	0.331
GC595	26.92	0.00	0.00	13.71	12.41	0.01	8.25	0.461
GC596	26.92	0.00	0.00	13.55	12.57	0.01	6.76	0.467
GC597	26.92	0.00	0.00	17.55	8.89	0.00	3.33	0.330
GC598	26.92	0.00	0.00	17.53	8.90	0.00	3.80	0.331

GC599	26.92	0.00	0.00	16.67	9.61	0.01	7.60	0.357
GC6	26.92	0.00	0.00	25.12	1.72	0.04	32.88	0.064
GC60	26.92	0.00	0.00	16.45	9.83	0.01	6.50	0.365
GC600	26.92	0.00	0.00	13.61	12.51	0.00	5.76	0.465
GC601	26.92	0.00	0.00	16.40	9.88	0.01	7.53	0.367
GC602	26.92	0.00	0.00	17.39	9.05	0.00	3.13	0.336
GC603	26.92	0.00	0.00	17.32	8.96	0.01	10.44	0.333
GC605	26.92	0.00	0.00	13.51	12.60	0.01	6.07	0.468
GC606	26.92	0.00	0.00	17.45	8.99	0.00	3.84	0.334
GC607	26.92	0.00	0.00	17.29	8.99	0.01	9.74	0.334
GC608	26.92	0.00	0.00	16.57	9.70	0.01	8.62	0.361
GC609	26.92	0.00	0.00	16.87	9.41	0.01	9.00	0.350
GC61	26.92	0.00	0.00	16.48	9.80	0.01	6.87	0.364
GC610	26.92	0.00	0.00	16.42	9.86	0.01	7.89	0.366
GC611	26.92	0.00	0.00	13.67	12.45	0.01	6.56	0.463
GC612	26.92	0.00	0.00	16.43	9.85	0.01	7.17	0.366
GC613	26.92	0.00	0.00	7.55	18.24	0.05	49.45	0.678
GC614	26.92	0.00	0.00	16.64	9.63	0.01	7.40	0.358
GC615	26.92	0.00	0.00	16.30	9.98	0.01	7.03	0.371
GC616	26.92	0.00	0.00	13.76	12.36	0.01	6.41	0.459
GC617	26.92	0.00	0.00	16.60	9.68	0.01	6.05	0.360
GC618	26.92	0.00	0.00	16.61	9.67	0.01	6.04	0.359
GC619	26.92	0.00	0.00	16.55	9.73	0.01	6.18	0.361
GC62	26.92	0.00	0.00	16.55	9.73	0.01	6.74	0.361
GC620	26.92	0.00	0.00	16.68	9.60	0.01	7.36	0.356
GC621	26.92	0.00	0.00	16.51	9.77	0.01	6.31	0.363
GC622	26.92	0.00	0.00	16.55	9.73	0.01	6.16	0.361
GC623	26.92	0.00	0.00	13.55	12.57	0.01	6.78	0.467
GC624	26.92	0.00	0.00	16.58	9.70	0.01	6.09	0.360
GC625	26.92	0.00	0.00	16.56	9.71	0.01	6.15	0.361
GC626	26.92	0.00	0.00	13.65	12.47	0.01	7.88	0.463
GC627	26.92	0.00	0.00	16.50	9.78	0.01	7.39	0.363
GC628	26.92	0.00	0.00	13.56	12.56	0.00	5.82	0.467
GC629	26.92	0.00	0.00	16.85	9.43	0.01	7.21	0.350
GC63	26.92	0.00	0.00	16.82	9.46	0.01	8.26	0.351
GC630	26.92	0.00	0.00	17.18	9.10	0.01	8.77	0.338
GC631	26.92	0.00	0.00	16.73	9.54	0.01	7.90	0.355
GC632	26.92	0.00	0.00	17.38	9.06	0.00	3.13	0.337
GC633	26.92	0.00	0.00	13.53	12.59	0.01	6.14	0.468
GC634	26.92	0.00	0.00	17.43	9.01	0.00	3.53	0.335
GC635	26.92	0.00	0.00	17.52	8.92	0.00	3.82	0.331
GC636	26.92	0.00	0.00	16.75	9.53	0.01	7.08	0.354
GC637	26.92	0.00	0.00	16.37	9.90	0.01	7.69	0.368
GC638	26.92	0.00	0.00	17.22	9.06	0.01	10.05	0.337
GC639	26.92	0.00	0.00	17.53	8.91	0.00	3.71	0.331
GC64	26.92	0.00	0.00	16.57	9.71	0.01	8.72	0.361
GC640	26.92	0.00	0.00	16.29	9.99	0.01	7.11	0.371
GC641	26.92	0.00	0.00	16.40	9.88	0.01	7.83	0.367
GC642	26.92	0.00	0.00	16.49	9.79	0.01	6.92	0.364
GC643	26.92	0.00	0.00	13.62	12.50	0.01	6.48	0.464
GC644	26.92	0.00	0.00	16.43	9.85	0.01	7.16	0.366
GC645	26.92	0.00	0.00	16.56	9.72	0.01	7.72	0.361
GC646	26.92	0.00	0.00	16.60	9.68	0.01	7.81	0.359
GC647	26.92	0.00	0.00	13.68	12.44	0.01	7.31	0.462
GC648	26.92	0.00	0.00	18.75	7.68	0.05	54.03	0.285
GC649	26.92	0.00	0.00	13.72	12.40	0.01	9.60	0.460
GC65	26.92	0.00	0.00	16.40	9.88	0.01	7.37	0.367
GC650	26.92	0.00	0.00	16.56	9.72	0.01	7.78	0.361
GC651	26.92	0.00	0.00	13.50	12.62	0.01	6.86	0.469
GC652	26.92	0.00	0.00	16.75	9.53	0.01	7.75	0.354
GC653	26.92	0.00	0.00	16.65	9.63	0.01	7.11	0.358
GC654	26.92	0.00	0.00	16.43	9.85	0.01	7.71	0.366
GC655	26.92	0.00	0.00	13.83	12.29	0.01	7.07	0.457
GC656	26.92	0.00	0.00	16.33	9.95	0.01	6.92	0.370
GC657	26.92	0.00	0.00	13.63	12.49	0.01	6.35	0.464
GC658	26.92	0.00	0.00	17.39	9.05	0.00	3.09	0.336
GC659	26.92	0.00	0.00	13.66	12.46	0.01	7.08	0.463
GC66	26.92	0.00	0.00	16.72	9.55	0.01	8.78	0.355
GC660	26.92	0.00	0.00	7.39	18.40	0.02	28.88	0.684
GC661	26.92	0.00	0.00	17.42	9.02	0.00	3.55	0.335
GC662	26.92	0.00	0.00	17.48	8.96	0.00	3.90	0.333
GC663	26.92	0.00	0.00	16.80	9.48	0.01	10.37	0.352
GC664	26.92	0.00	0.00	13.84	12.28	0.01	10.20	0.456
GC665	26.92	0.00	0.00	16.43	9.85	0.01	7.38	0.366
GC666	26.92	0.00	0.00	17.52	8.92	0.00	3.72	0.331

GC667	26.92	0.00	0.00	16.26	10.02	0.01	7.19	0.372
GC668	26.92	0.00	0.00	16.46	9.82	0.01	7.71	0.365
GC669	26.92	0.00	0.00	16.71	9.56	0.01	7.11	0.355
GC67	26.92	0.00	0.00	16.59	9.68	0.01	8.79	0.360
GC670	26.92	0.00	0.00	26.06	0.78	0.02	10.88	0.029
GC671	26.92	0.00	0.00	13.81	12.31	0.01	8.62	0.457
GC672	26.92	0.00	0.00	16.73	9.55	0.01	6.27	0.355
GC673	26.92	0.00	0.00	16.38	9.90	0.01	7.35	0.368
GC674	26.92	0.00	0.00	13.77	12.35	0.01	7.94	0.459
GC675	26.92	0.00	0.00	13.63	12.49	0.01	8.17	0.464
GC676	26.92	0.00	0.00	16.70	9.57	0.01	7.54	0.356
GC677	26.92	0.00	0.00	17.43	9.01	0.00	3.04	0.335
GC678	26.92	0.00	0.00	16.59	9.69	0.01	8.03	0.360
GC679	26.92	0.00	0.00	16.83	9.45	0.01	7.50	0.351
GC68	26.92	0.00	0.00	16.48	9.80	0.01	6.39	0.364
GC680	26.92	0.00	0.00	16.46	9.82	0.01	8.01	0.365
GC681	26.92	0.00	0.00	17.45	8.99	0.00	3.36	0.334
GC682	26.92	0.00	0.00	13.74	12.38	0.01	7.08	0.460
GC683	26.92	0.00	0.00	17.53	8.91	0.00	3.68	0.331
GC684	26.92	0.00	0.00	16.36	9.92	0.01	7.10	0.368
GC685	26.92	0.00	0.00	7.29	18.51	0.02	20.20	0.688
GC686	26.92	0.00	0.00	7.31	18.49	0.02	22.20	0.687
GC687	26.92	0.00	0.00	17.41	8.87	0.01	10.72	0.330
GC688	26.92	0.00	0.00	16.58	9.70	0.01	7.23	0.360
GC689	26.92	0.00	0.00	17.44	9.00	0.00	3.72	0.335
GC69	26.92	0.00	0.00	16.37	9.91	0.01	6.76	0.368
GC690	26.92	0.00	0.00	16.60	9.68	0.01	8.09	0.360
GC691	26.92	0.00	0.00	17.06	9.22	0.01	8.62	0.342
GC692	26.92	0.00	0.00	16.60	9.68	0.01	6.65	0.360
GC693	26.92	0.00	0.00	16.46	9.82	0.01	7.10	0.365
GC694	26.92	0.00	0.00	7.52	18.28	0.04	44.03	0.679
GC695	26.92	0.00	0.00	16.49	9.79	0.01	6.98	0.364
GC696	26.92	0.00	0.00	7.56	18.23	0.04	43.34	0.677
GC697	26.92	0.00	0.00	16.65	9.62	0.01	7.34	0.358
GC698	26.92	0.00	0.00	16.71	9.56	0.01	8.60	0.355
GC699	26.92	0.00	0.00	16.72	9.56	0.01	6.82	0.355
GC7	26.92	0.00	0.00	25.34	1.50	0.92	1063.08	0.056
GC70	26.92	0.00	0.00	16.70	9.57	0.01	7.15	0.356
GC700	26.92	0.00	0.00	16.30	9.98	0.01	6.94	0.371
GC701	26.92	0.00	0.00	13.59	12.52	0.01	6.35	0.465
GC702	26.92	0.00	0.00	16.29	9.99	0.01	7.09	0.371
GC703	26.92	0.00	0.00	16.74	9.54	0.01	7.89	0.354
GC704	26.92	0.00	0.00	16.63	9.65	0.01	6.18	0.359
GC705	26.92	0.00	0.00	14.42	11.70	0.02	16.70	0.435
GC706	26.92	0.00	0.00	16.88	9.40	0.01	7.96	0.349
GC707	26.92	0.00	0.00	16.73	9.55	0.01	7.48	0.355
GC708	26.92	0.00	0.00	7.42	18.38	0.03	31.39	0.683
GC709	26.92	0.00	0.00	7.34	18.46	0.02	23.34	0.686
GC71	26.92	0.00	0.00	16.95	9.33	0.01	11.42	0.346
GC710	26.92	0.00	0.00	16.32	9.96	0.01	6.86	0.370
GC711	26.92	0.00	0.00	16.80	9.48	0.01	8.90	0.352
GC712	26.92	0.00	0.00	16.54	9.74	0.01	7.72	0.362
GC713	26.92	0.00	0.00	16.49	9.79	0.01	6.71	0.364
GC714	26.92	0.00	0.00	16.66	9.62	0.01	6.83	0.357
GC715	26.92	0.00	0.00	16.72	9.56	0.01	6.65	0.355
GC716	26.92	0.00	0.00	16.83	9.45	0.01	10.60	0.351
GC717	26.92	0.00	0.00	13.94	12.18	0.01	10.03	0.452
GC718	26.92	0.00	0.00	16.62	9.66	0.01	7.78	0.359
GC719	26.92	0.00	0.00	16.62	9.66	0.01	7.08	0.359
GC72	26.92	0.00	0.00	13.50	12.62	0.01	6.67	0.469
GC720	26.92	0.00	0.00	16.45	9.83	0.01	7.03	0.365
GC721	26.92	0.00	0.00	16.42	9.86	0.01	7.09	0.366
GC722	26.92	0.00	0.00	16.41	9.87	0.01	7.17	0.367
GC723	26.92	0.00	0.00	7.40	18.40	0.02	29.50	0.684
GC724	26.92	0.00	0.00	16.47	9.81	0.01	7.38	0.365
GC725	26.92	0.00	0.00	16.77	9.50	0.01	7.24	0.353
GC726	26.92	0.00	0.00	17.53	8.91	0.00	4.70	0.331
GC727	26.92	0.00	0.00	19.08	7.36	0.11	117.45	0.273
GC728	26.92	0.00	0.00	14.27	11.85	0.01	12.80	0.440
GC729	26.92	0.00	0.00	16.57	9.71	0.01	6.26	0.361
GC73	26.92	0.00	0.00	17.11	9.17	0.01	8.52	0.341
GC730	26.92	0.00	0.00	7.49	18.31	0.03	38.44	0.680
GC731	26.92	0.00	0.00	17.64	8.80	0.00	6.35	0.327
GC732	26.92	0.00	0.00	13.55	12.57	0.01	6.50	0.467
GC733	26.92	0.00	0.00	16.56	9.72	0.01	6.99	0.361

GC734	26.92	0.00	0.00	16.89	9.39	0.01	9.22	0.349
GC735	26.92	0.00	0.00	16.70	9.58	0.01	8.12	0.356
GC736	26.92	0.00	0.00	16.46	9.82	0.01	7.22	0.365
GC737	26.92	0.00	0.00	17.12	9.16	0.01	7.82	0.340
GC738	26.92	0.00	0.00	16.54	9.74	0.01	7.60	0.362
GC739	26.92	0.00	0.00	16.32	9.96	0.01	6.93	0.370
GC74	26.92	0.00	0.00	16.86	9.41	0.01	8.11	0.350
GC740	26.92	0.00	0.00	16.52	9.76	0.01	6.54	0.362
GC741	26.92	0.00	0.00	16.69	9.59	0.01	7.92	0.356
GC742_1	26.92	0.00	0.00	7.68	18.12	0.06	61.08	0.673
GC742_2	26.92	0.00	0.00	7.21	18.59	0.01	16.80	0.691
GC743	26.92	0.00	0.00	13.49	12.63	0.01	6.86	0.469
GC744	26.92	0.00	0.00	13.49	12.63	0.01	6.86	0.469
GC745	26.92	0.00	0.00	13.57	12.55	0.01	8.05	0.466
GC746	26.92	0.00	0.00	13.44	12.68	0.01	6.83	0.471
GC747	26.92	0.00	0.00	13.59	12.53	0.01	7.81	0.465
GC748	26.92	0.00	0.00	17.38	9.06	0.00	4.24	0.337
GC749	26.92	0.00	0.00	17.39	9.05	0.00	4.21	0.336
GC75	26.92	0.00	0.00	17.16	9.12	0.01	9.63	0.339
GC750	26.92	0.00	0.00	17.38	9.06	0.00	4.23	0.336
GC751	26.92	0.00	0.00	17.39	9.05	0.00	4.22	0.336
GC752	26.92	0.00	0.00	17.42	9.02	0.00	4.15	0.335
GC753	26.92	0.00	0.00	17.38	9.06	0.00	4.25	0.337
GC754	26.92	0.00	0.00	17.41	9.03	0.00	4.44	0.336
GC755	26.92	0.00	0.00	17.31	9.13	0.00	4.15	0.339
GC756	26.92	0.00	0.00	17.39	9.04	0.00	4.22	0.336
GC757	26.92	0.00	0.00	17.41	9.03	0.00	4.17	0.335
GC758	26.92	0.00	0.00	17.39	9.05	0.00	4.21	0.336
GC759	26.92	0.00	0.00	17.43	9.01	0.00	4.13	0.335
GC76	26.92	0.00	0.00	14.29	11.83	0.01	13.01	0.439
GC760	26.92	0.00	0.00	17.45	8.99	0.00	4.07	0.334
GC761	26.92	0.00	0.00	16.74	9.54	0.01	6.72	0.354
GC762	26.92	0.00	0.00	17.45	8.99	0.00	4.09	0.334
GC763	26.92	0.00	0.00	17.43	9.01	0.00	4.00	0.335
GC764	26.92	0.00	0.00	17.58	8.86	0.00	5.52	0.329
GC765	26.92	0.00	0.00	7.55	18.25	0.04	46.13	0.678
GC766	26.92	0.00	0.00	14.05	12.06	0.01	11.92	0.448
GC767	26.92	0.00	0.00	19.02	7.42	0.00	4.27	0.276
GC768	26.92	0.00	0.00	14.12	12.00	0.01	12.41	0.446
GC769	26.92	0.00	0.00	16.82	9.46	0.01	7.30	0.352
GC77	26.92	0.00	0.00	13.39	12.72	0.00	5.95	0.473
GC770	26.92	0.00	0.00	13.61	12.51	0.01	8.34	0.465
GC771	26.92	0.00	0.00	13.70	12.42	0.01	8.75	0.461
GC772	26.92	0.00	0.00	16.57	9.71	0.01	7.70	0.361
GC773	26.92	0.00	0.00	17.40	9.04	0.00	3.96	0.336
GC774	26.92	0.00	0.00	16.40	9.88	0.01	6.72	0.367
GC775	26.92	0.00	0.00	16.61	9.67	0.01	7.86	0.359
GC776	26.92	0.00	0.00	16.53	9.75	0.01	6.66	0.362
GC777	26.92	0.00	0.00	16.54	9.74	0.01	6.46	0.362
GC778	26.92	0.00	0.00	16.65	9.62	0.01	6.78	0.358
GC779	26.92	0.00	0.00	13.70	12.42	0.01	10.60	0.461
GC78	26.92	0.00	0.00	16.40	9.88	0.01	6.56	0.367
GC780	26.92	0.00	0.00	16.54	9.74	0.01	7.00	0.362
GC781	26.92	0.00	0.00	16.60	9.68	0.01	6.79	0.360
GC782	26.92	0.00	0.00	16.73	9.55	0.01	7.21	0.355
GC783	26.92	0.00	0.00	16.72	9.56	0.01	8.55	0.355
GC784	26.92	0.00	0.00	14.11	12.01	0.01	11.47	0.446
GC785	26.92	0.00	0.00	7.42	18.38	0.03	30.87	0.683
GC786	26.92	0.00	0.00	24.51	1.92	0.03	8.31	0.071
GC787	26.92	0.00	0.00	25.54	1.30	0.01	7.78	0.048
GC788	26.92	0.00	0.00	16.37	9.91	0.01	7.30	0.368
GC789	26.92	0.00	0.00	16.67	9.60	0.01	9.63	0.357
GC79	26.92	0.00	0.00	16.55	9.73	0.01	6.22	0.362
GC790	26.92	0.00	0.00	16.34	9.93	0.01	7.10	0.369
GC791	26.92	0.00	0.00	16.47	9.81	0.01	7.61	0.365
GC792	26.92	0.00	0.00	13.57	12.55	0.01	9.08	0.466
GC793	26.92	0.00	0.00	13.62	12.50	0.01	7.93	0.464
GC794	26.92	0.00	0.00	16.77	9.51	0.01	8.04	0.353
GC795	26.92	0.00	0.00	16.61	9.67	0.01	7.36	0.359
GC796	26.92	0.00	0.00	16.63	9.65	0.01	7.69	0.358
GC797	26.92	0.00	0.00	17.47	8.97	0.00	3.82	0.333
GC798	26.92	0.00	0.00	16.46	9.81	0.01	6.46	0.365
GC799	26.92	0.00	0.00	16.54	9.74	0.01	7.37	0.362
GC8	26.92	0.00	0.00	25.46	1.37	0.01	7.18	0.051
GC80	26.92	0.00	0.00	16.70	9.57	0.01	10.12	0.356

GC800	26.92	0.00	0.00	13.52	12.60	0.01	7.34	0.468
GC801	26.92	0.00	0.00	16.85	9.42	0.01	7.01	0.350
GC802	26.92	0.00	0.00	16.65	9.63	0.01	6.14	0.358
GC803	26.92	0.00	0.00	7.64	18.15	0.05	54.33	0.674
GC804	26.92	0.00	0.00	16.80	9.48	0.01	7.35	0.352
GC805	26.92	0.00	0.00	16.69	9.59	0.01	7.40	0.356
GC806	26.92	0.00	0.00	16.47	9.81	0.01	6.44	0.365
GC807	26.92	0.00	0.00	16.86	9.42	0.01	8.60	0.350
GC808	26.92	0.00	0.00	13.69	12.42	0.01	10.05	0.462
GC809	26.92	0.00	0.00	13.49	12.63	0.01	7.99	0.469
GC81	26.92	0.00	0.00	16.52	9.76	0.01	6.78	0.363
GC810	26.92	0.00	0.00	16.55	9.73	0.01	6.43	0.361
GC811	26.92	0.00	0.00	7.67	18.13	0.07	63.89	0.674
GC812	26.92	0.00	0.00	17.53	8.90	0.00	5.03	0.331
GC813	26.92	0.00	0.00	25.35	1.49	0.00	2.91	0.055
GC814	26.92	0.00	0.00	16.45	9.82	0.01	8.30	0.365
GC815	26.92	0.00	0.00	17.37	9.07	0.00	3.65	0.337
GC816	26.92	0.00	0.00	16.66	9.62	0.01	9.94	0.357
GC817	26.92	0.00	0.00	17.44	9.00	0.00	3.64	0.334
GC818	26.92	0.00	0.00	17.47	8.97	0.00	3.58	0.333
GC819	26.92	0.00	0.00	17.49	8.95	0.00	3.54	0.332
GC82	26.92	0.00	0.00	14.00	12.12	0.01	9.07	0.450
GC820	26.92	0.00	0.00	17.39	9.05	0.00	3.73	0.336
GC821	26.92	0.00	0.00	17.48	8.96	0.00	3.56	0.333
GC822	26.92	0.00	0.00	17.45	8.99	0.00	3.61	0.334
GC823	26.92	0.00	0.00	17.47	8.97	0.00	3.81	0.333
GC824	26.92	0.00	0.00	17.42	9.02	0.00	3.44	0.335
GC825	26.92	0.00	0.00	17.47	8.97	0.00	3.58	0.333
GC826	26.92	0.00	0.00	17.48	8.96	0.00	3.56	0.333
GC827	26.92	0.00	0.00	17.39	9.05	0.00	3.71	0.336
GC828	26.92	0.00	0.00	17.42	9.02	0.00	3.67	0.335
GC829	26.92	0.00	0.00	17.46	8.98	0.00	3.60	0.334
GC83	26.92	0.00	0.00	16.35	9.93	0.01	7.49	0.369
GC830	26.92	0.00	0.00	16.97	9.31	0.01	8.93	0.346
GC831	26.92	0.00	0.00	16.81	9.47	0.01	7.77	0.352
GC832	26.92	0.00	0.00	16.84	9.44	0.01	7.59	0.351
GC833	26.92	0.00	0.00	16.79	9.49	0.01	7.66	0.352
GC834	26.92	0.00	0.00	17.53	8.91	0.00	3.68	0.331
GC835	26.92	0.00	0.00	16.86	9.42	0.01	7.51	0.350
GC836	26.92	0.00	0.00	16.43	9.85	0.01	7.73	0.366
GC837	26.92	0.00	0.00	7.77	18.02	0.09	74.86	0.669
GC838	26.92	0.00	0.00	16.78	9.50	0.01	7.08	0.353
GC839	26.92	0.00	0.00	16.70	9.58	0.01	8.35	0.356
GC84	26.92	0.00	0.00	16.82	9.46	0.01	7.38	0.352
GC840	26.92	0.00	0.00	16.33	9.95	0.01	7.17	0.370
GC841	26.92	0.00	0.00	16.33	9.95	0.01	7.18	0.370
GC842	26.92	0.00	0.00	16.57	9.71	0.01	8.23	0.361
GC843	26.92	0.00	0.00	16.58	9.69	0.01	7.45	0.360
GC844	26.92	0.00	0.00	16.48	9.80	0.01	6.55	0.364
GC845	26.92	0.00	0.00	16.63	9.65	0.01	7.89	0.359
GC846	26.92	0.00	0.00	16.85	9.43	0.01	7.47	0.350
GC847	26.92	0.00	0.00	7.55	18.24	0.04	46.03	0.678
GC848	26.92	0.00	0.00	16.56	9.72	0.01	8.39	0.361
GC849	26.92	0.00	0.00	16.70	9.58	0.01	6.00	0.356
GC85	26.92	0.00	0.00	17.04	9.24	0.01	10.86	0.343
GC850	26.92	0.00	0.00	7.71	18.08	0.08	75.68	0.672
GC851	26.92	0.00	0.00	7.10	18.70	0.01	12.94	0.695
GC852	26.92	0.00	0.00	16.74	9.54	0.01	6.75	0.354
GC853	26.92	0.00	0.00	16.62	9.66	0.01	6.56	0.359
GC854	26.92	0.00	0.00	16.75	9.53	0.01	7.56	0.354
GC855	26.92	0.00	0.00	16.81	9.46	0.01	7.13	0.352
GC856	26.92	0.00	0.00	7.10	18.70	0.01	13.23	0.695
GC857	26.92	0.00	0.00	16.53	9.75	0.01	6.46	0.362
GC858	26.92	0.00	0.00	7.57	18.23	0.04	43.27	0.677
GC859	26.92	0.00	0.00	16.49	9.79	0.01	8.04	0.364
GC86	26.92	0.00	0.00	13.44	12.68	0.01	6.81	0.471
GC860	26.92	0.00	0.00	16.97	9.30	0.01	9.24	0.346
GC861	26.92	0.00	0.00	17.67	8.77	0.01	9.97	0.326
GC862	26.92	0.00	0.00	16.83	9.45	0.01	10.44	0.351
GC863	26.92	0.00	0.00	17.38	9.06	0.00	3.62	0.337
GC864	26.92	0.00	0.00	25.04	1.80	0.01	5.32	0.067
GC865	26.92	0.00	0.00	16.86	9.42	0.01	8.59	0.350
GC866	26.92	0.00	0.00	16.68	9.60	0.01	6.31	0.357
GC867	26.92	0.00	0.00	16.59	9.69	0.01	6.57	0.360
GC868	26.92	0.00	0.00	16.73	9.54	0.01	6.19	0.355

GC869	26.92	0.00	0.00	16.75	9.53	0.01	6.55	0.354
GC87	26.92	0.00	0.00	17.47	8.81	0.01	11.06	0.327
GC870	26.92	0.00	0.00	16.45	9.83	0.01	7.63	0.365
GC871	26.92	0.00	0.00	16.63	9.65	0.01	6.12	0.358
GC872	26.92	0.00	0.00	17.45	8.99	0.00	4.93	0.334
GC873	26.92	0.00	0.00	16.36	9.92	0.01	7.06	0.369
GC874	26.92	0.00	0.00	17.02	9.26	0.01	7.79	0.344
GC875	26.92	0.00	0.00	16.44	9.84	0.01	8.39	0.366
GC876	26.92	0.00	0.00	16.46	9.82	0.01	6.25	0.365
GC877	26.92	0.00	0.00	16.36	9.92	0.01	7.24	0.369
GC878	26.92	0.00	0.00	16.53	9.75	0.01	7.65	0.362
GC879	26.92	0.00	0.00	16.46	9.82	0.01	6.62	0.365
GC88	26.92	0.00	0.00	7.34	18.45	0.02	25.76	0.686
GC880	26.92	0.00	0.00	20.26	6.17	3.52	3208.60	0.229
GC881	26.92	0.00	0.00	16.60	9.68	0.01	8.12	0.360
GC882	26.92	0.00	0.00	7.40	18.40	0.02	28.24	0.684
GC883	26.92	0.00	0.00	16.39	9.89	0.01	7.22	0.367
GC884	26.92	0.00	0.00	7.41	18.39	0.03	33.98	0.683
GC885	26.92	0.00	0.00	16.69	9.59	0.01	6.04	0.356
GC886	26.92	0.00	0.00	16.72	9.56	0.01	7.13	0.355
GC887	26.92	0.00	0.00	16.74	9.54	0.01	6.76	0.354
GC888	26.92	0.00	0.00	17.40	9.04	0.00	5.67	0.336
GC889	26.92	0.00	0.00	17.36	9.08	0.00	3.42	0.337
GC89	26.92	0.00	0.00	9.85	16.03	0.01	14.04	0.596
GC890	26.92	0.00	0.00	17.37	9.07	0.00	3.38	0.337
GC891	26.92	0.00	0.00	17.22	9.22	0.00	3.72	0.343
GC892	26.92	0.00	0.00	17.31	9.13	0.00	3.52	0.339
GC893	26.92	0.00	0.00	17.28	9.16	0.00	3.57	0.340
GC894	26.92	0.00	0.00	17.15	9.29	0.00	3.89	0.345
GC895	26.92	0.00	0.00	17.64	8.80	0.01	9.19	0.327
GC896	26.92	0.00	0.00	16.52	9.76	0.01	6.43	0.363
GC897	26.92	0.00	0.00	16.52	9.76	0.01	6.88	0.363
GC898	26.92	0.00	0.00	16.62	9.66	0.01	8.27	0.359
GC899	26.92	0.00	0.00	7.42	18.38	0.03	32.28	0.683
GC9	26.92	0.00	0.00	26.64	0.20	0.13	63.54	0.007
GC90	26.92	0.00	0.00	9.67	16.21	0.01	12.26	0.602
GC900	26.92	0.00	0.00	16.56	9.72	0.01	7.06	0.361
GC901	26.92	0.00	0.00	16.30	9.98	0.01	7.00	0.371
GC902	26.92	0.00	0.00	16.51	9.77	0.01	8.35	0.363
GC903	26.92	0.00	0.00	7.54	18.26	0.04	46.21	0.678
GC904	26.92	0.00	0.00	16.50	9.78	0.01	7.72	0.363
GC905	26.92	0.00	0.00	16.47	9.81	0.01	6.60	0.365
GC906	26.92	0.00	0.00	16.54	9.74	0.01	7.60	0.362
GC907	26.92	0.00	0.00	16.38	9.90	0.01	7.26	0.368
GC908	26.92	0.00	0.00	9.75	16.13	0.01	12.97	0.599
GC909	26.92	0.00	0.00	16.72	9.56	0.01	5.96	0.355
GC91	26.92	0.00	0.00	16.52	9.76	0.01	8.94	0.363
GC910	26.92	0.00	0.00	16.64	9.63	0.01	6.82	0.358
GC911	26.92	0.00	0.00	9.65	16.23	0.01	11.84	0.603
GC912	26.92	0.00	0.00	16.59	9.69	0.01	6.72	0.360
GC913	26.92	0.00	0.00	16.79	9.48	0.01	6.64	0.352
GC914	26.92	0.00	0.00	16.43	9.85	0.01	7.50	0.366
GC915	26.92	0.00	0.00	9.72	16.15	0.01	10.58	0.600
GC916	26.92	0.00	0.00	16.51	9.77	0.01	9.05	0.363
GC917	26.92	0.00	0.00	16.68	9.60	0.01	6.42	0.357
GC918	26.92	0.00	0.00	16.70	9.58	0.01	6.36	0.356
GC919	26.92	0.00	0.00	9.83	16.05	0.01	7.11	0.596
GC92	26.92	0.00	0.00	13.57	12.55	0.01	6.68	0.466
GC920	26.92	0.00	0.00	9.75	16.13	0.01	12.70	0.599
GC921	26.92	0.00	0.00	16.63	9.65	0.01	6.85	0.358
GC922	26.92	0.00	0.00	9.77	16.11	0.00	6.27	0.599
GC923	26.92	0.00	0.00	9.97	15.91	0.01	9.08	0.591
GC924	26.92	0.00	0.00	17.01	9.27	0.01	8.83	0.344
GC925	26.92	0.00	0.00	16.70	9.58	0.01	7.03	0.356
GC926	26.92	0.00	0.00	16.35	9.93	0.01	6.82	0.369
GC927	26.92	0.00	0.00	9.82	16.06	0.01	6.73	0.597
GC928	26.92	0.00	0.00	16.80	9.48	0.01	7.56	0.352
GC929	26.92	0.00	0.00	16.50	9.78	0.01	8.07	0.363
GC93	26.92	0.00	0.00	16.84	9.44	0.01	10.81	0.351
GC930	26.92	0.00	0.00	9.92	15.95	0.01	7.79	0.593
GC931	26.92	0.00	0.00	9.83	16.05	0.01	7.43	0.596
GC932	26.92	0.00	0.00	9.86	16.01	0.01	7.08	0.595
GC933	26.92	0.00	0.00	16.55	9.73	0.01	8.16	0.361
GC934	26.92	0.00	0.00	9.85	16.02	0.01	7.17	0.595
GC935	26.92	0.00	0.00	9.86	16.02	0.01	7.15	0.595

GC936	26.92	0.00	0.00	9.84	16.04	0.01	7.22	0.596
GC937	26.92	0.00	0.00	9.87	16.00	0.01	7.08	0.595
GC938	26.92	0.00	0.00	9.84	16.04	0.01	7.22	0.596
GC939	26.92	0.00	0.00	9.81	16.07	0.01	6.58	0.597
GC94	26.92	0.00	0.00	13.54	12.58	0.01	6.70	0.467
GC940	26.92	0.00	0.00	9.77	16.11	0.01	6.72	0.598
GC941	26.92	0.00	0.00	16.59	9.69	0.01	6.48	0.360
GC942	26.92	0.00	0.00	9.79	16.08	0.01	6.64	0.598
GC943	26.92	0.00	0.00	16.64	9.64	0.01	6.33	0.358
GC944	26.92	0.00	0.00	16.49	9.79	0.01	6.76	0.364
GC945	26.92	0.00	0.00	16.57	9.71	0.01	6.54	0.361
GC946	26.92	0.00	0.00	16.55	9.72	0.01	6.58	0.361
GC947	26.92	0.00	0.00	16.54	9.74	0.01	6.62	0.362
GC948	26.92	0.00	0.00	16.57	9.71	0.01	6.53	0.361
GC949	26.92	0.00	0.00	16.59	9.69	0.01	6.48	0.360
GC95_1	26.92	0.00	0.00	7.44	18.36	0.03	34.69	0.682
GC95_2	26.92	0.00	0.00	7.49	18.31	0.03	39.96	0.680
GC950	26.92	0.00	0.00	16.45	9.83	0.01	6.39	0.365
GC951	26.92	0.00	0.00	16.62	9.66	0.01	7.29	0.359
GC952	26.92	0.00	0.00	7.58	18.21	0.04	45.29	0.677
GC953	26.92	0.00	0.00	7.68	18.12	0.06	59.89	0.673
GC954	26.92	0.00	0.00	16.42	9.86	0.01	7.67	0.366
GC955	26.92	0.00	0.00	16.29	9.99	0.01	6.83	0.371
GC956	26.92	0.00	0.00	16.57	9.71	0.01	6.66	0.361
GC957	26.92	0.00	0.00	9.67	16.21	0.01	9.46	0.602
GC958	26.92	0.00	0.00	16.75	9.53	0.01	9.13	0.354
GC959	26.92	0.00	0.00	16.58	9.70	0.01	6.09	0.360
GC96	26.92	0.00	0.00	16.37	9.91	0.01	6.66	0.368
GC960	26.92	0.00	0.00	16.84	9.44	0.01	6.86	0.351
GC961	26.92	0.00	0.00	16.56	9.72	0.01	8.17	0.361
GC962	26.92	0.00	0.00	16.87	9.41	0.01	6.70	0.349
GC963	26.92	0.00	0.00	16.31	9.97	0.01	7.18	0.370
GC964	26.92	0.00	0.00	16.56	9.71	0.01	7.13	0.361
GC965	26.92	0.00	0.00	9.84	16.04	0.01	13.68	0.596
GC966	26.92	0.00	0.00	9.97	15.91	0.01	8.58	0.591
GC967	26.92	0.00	0.00	16.56	9.72	0.01	6.66	0.361
GC968	26.92	0.00	0.00	16.44	9.84	0.01	7.03	0.365
GC969	26.92	0.00	0.00	16.42	9.86	0.01	7.14	0.366
GC97	26.92	0.00	0.00	16.54	9.74	0.01	6.20	0.362
GC970	26.92	0.00	0.00	16.51	9.76	0.01	7.19	0.363
GC971	26.92	0.00	0.00	16.52	9.76	0.01	7.55	0.363
GC972	26.92	0.00	0.00	16.55	9.73	0.01	8.01	0.361
GC973	26.92	0.00	0.00	16.73	9.55	0.01	5.70	0.355
GC974	26.92	0.00	0.00	16.50	9.78	0.01	6.32	0.363
GC975	26.92	0.00	0.00	16.89	9.39	0.01	8.56	0.349
GC976	26.92	0.00	0.00	16.90	9.37	0.01	8.82	0.348
GC977	26.92	0.00	0.00	16.41	9.87	0.01	7.67	0.367
GC978	26.92	0.00	0.00	16.75	9.53	0.01	9.23	0.354
GC979	26.92	0.00	0.00	9.66	16.22	0.01	9.52	0.602
GC98	26.92	0.00	0.00	13.96	12.16	0.01	9.43	0.452
GC980	26.92	0.00	0.00	16.71	9.57	0.01	8.51	0.356
GC981	26.92	0.00	0.00	16.82	9.46	0.01	7.31	0.352
GC982	26.92	0.00	0.00	7.31	18.49	0.02	26.99	0.687
GC983	26.92	0.00	0.00	17.12	9.16	0.01	9.36	0.340
GC984	26.92	0.00	0.00	16.61	9.67	0.01	7.48	0.359
GC985	26.92	0.00	0.00	16.75	9.52	0.01	7.57	0.354
GC986	26.92	0.00	0.00	16.86	9.42	0.01	7.25	0.350
GC987	26.92	0.00	0.00	16.80	9.48	0.01	7.51	0.352
GC988	26.92	0.00	0.00	16.72	9.55	0.01	7.76	0.355
GC989	26.92	0.00	0.00	16.69	9.59	0.01	7.81	0.356
GC99	26.92	0.00	0.00	9.80	16.07	0.01	13.02	0.597
GC990	26.92	0.00	0.00	16.59	9.69	0.01	6.03	0.360
GC991	26.92	0.00	0.00	16.36	9.92	0.01	6.96	0.369
GC992	26.92	0.00	0.00	17.02	9.25	0.01	8.05	0.344
GC993	26.92	0.00	0.00	16.56	9.72	0.01	7.80	0.361
GC994	26.92	0.00	0.00	9.88	16.00	0.01	8.10	0.594
GC995	26.92	0.00	0.00	7.38	18.42	0.02	26.80	0.684
GC996	26.92	0.00	0.00	16.48	9.80	0.01	7.39	0.364
GC997	26.92	0.00	0.00	14.29	11.83	0.01	8.06	0.439
GC998	26.92	0.00	0.00	16.70	9.58	0.01	7.44	0.356
GC999	26.92	0.00	0.00	16.49	9.79	0.01	7.63	0.364
S1	26.92	0.00	0.00	25.50	1.34	0.04	26.82	0.050
S1_1	26.92	0.00	0.00	7.66	18.14	0.09	87.91	0.674
S1_10	26.92	0.00	0.00	9.90	15.98	0.02	28.96	0.594
S1_11	26.92	0.00	0.00	10.21	15.67	0.16	169.67	0.582

S1_12	26.92	0.00	0.00	7.58	18.22	0.07	72.37	0.677
S1_13	26.92	0.00	0.00	15.07	11.13	0.08	95.65	0.414
S1_14	26.92	0.00	0.00	10.41	15.47	0.18	183.28	0.575
S1_15	26.92	0.00	0.00	14.77	11.43	0.06	71.45	0.424
S1_16	26.92	0.00	0.00	10.78	15.10	0.31	292.66	0.561
S1_17	26.92	0.00	0.00	14.93	11.27	0.07	83.45	0.419
S1_18	26.92	0.00	0.00	21.65	4.78	0.41	351.56	0.178
S1_19	26.92	0.00	0.00	9.73	16.15	0.03	36.89	0.600
S1_2	26.92	0.00	0.00	26.51	0.33	0.09	47.56	0.012
S1_20	26.92	0.00	0.00	9.85	16.03	0.04	47.10	0.595
S1_21	26.92	0.00	0.00	7.40	18.40	0.04	45.03	0.684
S1_22	26.92	0.00	0.00	10.26	15.62	0.17	180.02	0.580
S1_23	26.92	0.00	0.00	7.65	18.15	0.09	86.19	0.674
S1_25	26.92	0.00	0.00	9.79	16.08	0.03	42.14	0.598
S1_26	26.92	0.00	0.00	9.76	16.11	0.03	39.67	0.599
S1_27	26.92	0.00	0.00	9.96	15.91	0.05	64.78	0.591
S1_28	26.92	0.00	0.00	7.34	18.46	0.03	37.95	0.686
S1_29	26.92	0.00	0.00	9.89	15.99	0.06	78.34	0.594
S1_3	26.92	0.00	0.00	9.88	16.00	0.06	77.98	0.594
S1_30	26.92	0.00	0.00	9.91	15.97	0.04	51.93	0.593
S1_31	26.92	0.00	0.00	9.98	15.90	0.09	107.27	0.591
S1_32	26.92	0.00	0.00	7.10	18.70	0.01	17.62	0.695
S1_33	26.92	0.00	0.00	15.09	11.11	0.11	123.91	0.413
S1_34	26.92	0.00	0.00	9.80	16.08	0.03	42.41	0.597
S1_35	26.92	0.00	0.00	14.90	11.30	0.09	102.47	0.420
S1_4	26.92	0.00	0.00	7.39	18.41	0.04	44.12	0.684
S1_5	26.92	0.00	0.00	26.18	0.66	0.02	11.89	0.025
S1_6	26.92	0.00	0.00	10.01	15.86	0.11	130.87	0.589
S1_7	26.92	0.00	0.00	7.45	18.35	0.04	52.02	0.682
S1_8	26.92	0.00	0.00	7.54	18.26	0.06	64.98	0.678
S1_9	26.92	0.00	0.00	10.03	15.85	0.12	133.72	0.589
S10	26.92	0.00	0.00	20.42	6.02	0.08	71.12	0.223
S10_1	26.92	0.00	0.00	7.78	18.02	0.10	78.47	0.669
S10_2	26.92	0.00	0.00	7.36	18.43	0.02	26.81	0.685
S1001	26.92	0.00	0.00	16.77	9.51	0.01	7.81	0.353
S1002	26.92	0.00	0.00	16.63	9.65	0.01	7.52	0.358
S1003	26.92	0.00	0.00	17.23	9.04	0.01	12.56	0.336
S1011	26.92	0.00	0.00	16.35	9.93	0.01	7.15	0.369
S1023	26.92	0.00	0.00	16.55	9.73	0.01	9.08	0.361
S1030	26.92	0.00	0.00	16.46	9.82	0.01	7.08	0.365
S1034	26.92	0.00	0.00	16.49	9.79	0.01	6.99	0.364
S1037	26.92	0.00	0.00	16.23	10.05	0.01	6.76	0.374
S1039	26.92	0.00	0.00	16.46	9.82	0.01	6.72	0.365
S1040	26.92	0.00	0.00	16.36	9.92	0.01	7.09	0.369
S1041	26.92	0.00	0.00	16.36	9.92	0.01	7.06	0.369
S1042	26.92	0.00	0.00	16.91	9.37	0.01	7.39	0.348
S1044	26.92	0.00	0.00	16.35	9.93	0.01	6.90	0.369
S1045	26.92	0.00	0.00	16.26	10.02	0.01	7.40	0.372
S1047	26.92	0.00	0.00	16.48	9.80	0.01	6.81	0.364
S1048	26.92	0.00	0.00	16.42	9.86	0.01	8.02	0.366
S1051	26.92	0.00	0.00	16.50	9.78	0.01	6.59	0.363
S1053	26.92	0.00	0.00	16.32	9.96	0.01	7.25	0.370
S1054	26.92	0.00	0.00	16.51	9.77	0.01	6.74	0.363
S1055	26.92	0.00	0.00	16.40	9.88	0.01	6.96	0.367
S1057	26.92	0.00	0.00	16.61	9.67	0.01	6.98	0.359
S1058	26.92	0.00	0.00	16.62	9.65	0.01	7.90	0.359
S1060	26.92	0.00	0.00	16.27	10.01	0.01	7.17	0.372
S1061	26.92	0.00	0.00	16.87	9.41	0.01	7.58	0.350
S1063	26.92	0.00	0.00	16.53	9.75	0.01	8.40	0.362
S1064	26.92	0.00	0.00	16.41	9.87	0.01	7.17	0.367
S1069	26.92	0.00	0.00	10.00	15.88	0.01	13.26	0.590
S1071	26.92	0.00	0.00	10.03	15.84	0.02	24.59	0.589
S1075	26.92	0.00	0.00	16.52	9.76	0.01	6.88	0.363
S1076	26.92	0.00	0.00	16.80	9.48	0.01	9.80	0.352
S1077	26.92	0.00	0.00	16.93	9.35	0.01	9.35	0.347
S1079	26.92	0.00	0.00	16.44	9.84	0.01	6.64	0.365
S1080	26.92	0.00	0.00	16.40	9.88	0.01	7.31	0.367
S1081	26.92	0.00	0.00	16.32	9.95	0.01	6.96	0.370
S1082	26.92	0.00	0.00	17.05	9.23	0.01	7.97	0.343
S1083	26.92	0.00	0.00	16.45	9.83	0.01	7.02	0.365
S1087	26.92	0.00	0.00	16.51	9.77	0.01	8.02	0.363
S1090	26.92	0.00	0.00	16.45	9.83	0.01	6.74	0.365
S1091	26.92	0.00	0.00	16.65	9.63	0.01	6.89	0.358
S1093	26.92	0.00	0.00	16.33	9.95	0.01	7.05	0.370
S1094	26.92	0.00	0.00	16.44	9.84	0.01	7.00	0.365

S1095	26.92	0.00	0.00	16.38	9.90	0.01	6.79	0.368
S1097	26.92	0.00	0.00	16.33	9.95	0.01	7.81	0.370
S1098	26.92	0.00	0.00	16.40	9.88	0.01	7.53	0.367
S11	26.92	0.00	0.00	7.84	17.95	0.13	92.05	0.667
S1100	26.92	0.00	0.00	16.54	9.74	0.01	6.64	0.362
S1114	26.92	0.00	0.00	16.61	9.67	0.01	6.08	0.359
S1115	26.92	0.00	0.00	16.50	9.78	0.01	6.61	0.363
S1116	26.92	0.00	0.00	16.49	9.79	0.01	8.08	0.364
S1117	26.92	0.00	0.00	16.75	9.53	0.01	7.09	0.354
S1118	26.92	0.00	0.00	7.39	18.41	0.03	31.36	0.684
S1120	26.92	0.00	0.00	16.65	9.63	0.01	6.62	0.358
S1125	26.92	0.00	0.00	16.57	9.71	0.01	6.11	0.361
S1127	26.92	0.00	0.00	16.50	9.78	0.01	6.81	0.363
S1128	26.92	0.00	0.00	16.41	9.87	0.01	7.31	0.367
S1129	26.92	0.00	0.00	16.63	9.65	0.01	6.76	0.359
S1130	26.92	0.00	0.00	16.54	9.74	0.01	6.84	0.362
S1132	26.92	0.00	0.00	16.66	9.61	0.01	6.48	0.357
S1133	26.92	0.00	0.00	16.86	9.42	0.01	7.48	0.350
S1134	26.92	0.00	0.00	16.46	9.82	0.01	7.03	0.365
S1135	26.92	0.00	0.00	16.88	9.40	0.01	8.44	0.349
S1136	26.92	0.00	0.00	9.96	15.92	0.01	13.46	0.591
S1138	26.92	0.00	0.00	16.53	9.75	0.01	6.29	0.362
S1139	26.92	0.00	0.00	17.01	9.27	0.01	8.36	0.344
S1140	26.92	0.00	0.00	16.48	9.80	0.01	6.50	0.364
S1141	26.92	0.00	0.00	16.23	10.05	0.01	6.93	0.373
S1142	26.92	0.00	0.00	16.31	9.97	0.01	6.61	0.370
S1143	26.92	0.00	0.00	16.52	9.75	0.01	6.71	0.362
S1144	26.92	0.00	0.00	16.64	9.64	0.01	7.74	0.358
S1145	26.92	0.00	0.00	16.73	9.55	0.01	7.33	0.355
S1147	26.92	0.00	0.00	17.00	9.28	0.01	8.07	0.345
S1150	26.92	0.00	0.00	16.57	9.71	0.01	6.10	0.361
S1153	26.92	0.00	0.00	16.54	9.74	0.01	7.49	0.362
S1154	26.92	0.00	0.00	17.21	9.07	0.01	11.64	0.337
S1155	26.92	0.00	0.00	16.75	9.53	0.01	7.94	0.354
S1157	26.92	0.00	0.00	16.76	9.52	0.01	8.24	0.354
S1167	26.92	0.00	0.00	16.59	9.69	0.01	7.54	0.360
S1175	26.92	0.00	0.00	16.52	9.76	0.01	6.92	0.363
S1176	26.92	0.00	0.00	16.55	9.73	0.01	6.16	0.361
S1178	26.92	0.00	0.00	17.34	8.94	0.02	17.64	0.332
S1184	26.92	0.00	0.00	16.29	9.98	0.01	7.62	0.371
S1185	26.92	0.00	0.00	16.55	9.72	0.01	7.45	0.361
S1186	26.92	0.00	0.00	16.80	9.48	0.01	8.67	0.352
S1188	26.92	0.00	0.00	16.78	9.50	0.01	7.58	0.353
S1193	26.92	0.00	0.00	16.59	9.68	0.01	6.08	0.360
S1194	26.92	0.00	0.00	16.82	9.46	0.01	8.40	0.351
S1196	26.92	0.00	0.00	16.41	9.87	0.01	7.06	0.367
S1197	26.92	0.00	0.00	16.36	9.92	0.01	7.26	0.368
S1198	26.92	0.00	0.00	16.60	9.68	0.01	6.48	0.360
S1199	26.92	0.00	0.00	9.95	15.93	0.01	13.51	0.592
S12	26.92	0.00	0.00	22.06	4.37	0.55	393.53	0.162
S12_1	26.92	0.00	0.00	7.47	18.33	0.03	34.50	0.681
S12_2	26.92	0.00	0.00	7.72	18.08	0.07	67.51	0.672
S12_4	26.92	0.00	0.00	7.41	18.38	0.03	30.21	0.683
S12_5	26.92	0.00	0.00	7.68	18.12	0.06	61.72	0.673
S12_6	26.92	0.00	0.00	7.45	18.35	0.03	33.10	0.682
S12_7	26.92	0.00	0.00	7.58	18.22	0.04	47.45	0.677
S12_8	26.92	0.00	0.00	7.61	18.18	0.05	54.56	0.676
S12_9	26.92	0.00	0.00	7.53	18.26	0.04	43.78	0.679
S1201	26.92	0.00	0.00	16.74	9.54	0.01	7.69	0.354
S1202	26.92	0.00	0.00	16.59	9.69	0.01	7.33	0.360
S1204	26.92	0.00	0.00	16.64	9.63	0.01	7.98	0.358
S1205	26.92	0.00	0.00	14.22	11.90	0.01	8.25	0.442
S1206	26.92	0.00	0.00	16.64	9.64	0.01	7.01	0.358
S1207	26.92	0.00	0.00	16.69	9.59	0.01	8.18	0.356
S1208	26.92	0.00	0.00	10.10	15.78	0.03	28.83	0.586
S1212	26.92	0.00	0.00	16.78	9.50	0.01	9.81	0.353
S1216	26.92	0.00	0.00	16.56	9.72	0.01	7.40	0.361
S1218	26.92	0.00	0.00	16.84	9.44	0.01	7.48	0.351
S1220	26.92	0.00	0.00	17.01	9.27	0.01	9.51	0.344
S1233	26.92	0.00	0.00	16.57	9.71	0.01	7.94	0.361
S1234	26.92	0.00	0.00	16.80	9.48	0.01	7.70	0.352
S1235	26.92	0.00	0.00	16.41	9.87	0.01	7.10	0.367
S1236	26.92	0.00	0.00	16.38	9.90	0.01	7.22	0.368
S1237	26.92	0.00	0.00	16.50	9.78	0.01	6.79	0.363
S1239	26.92	0.00	0.00	14.10	12.02	0.01	8.32	0.447

S1242	26.92	0.00	0.00	16.66	9.62	0.01	7.58	0.358
S1244	26.92	0.00	0.00	16.88	9.40	0.01	8.93	0.349
S1246	26.92	0.00	0.00	16.53	9.75	0.01	7.36	0.362
S1248	26.92	0.00	0.00	16.52	9.76	0.01	7.09	0.363
S1250	26.92	0.00	0.00	16.78	9.50	0.01	6.76	0.353
S1251	26.92	0.00	0.00	16.29	9.99	0.01	7.35	0.371
S1252	26.92	0.00	0.00	16.54	9.74	0.01	8.07	0.362
S1254	26.92	0.00	0.00	16.67	9.61	0.01	8.86	0.357
S1255	26.92	0.00	0.00	16.47	9.81	0.01	6.95	0.365
S1256	26.92	0.00	0.00	16.52	9.76	0.01	6.92	0.363
S1257	26.92	0.00	0.00	16.37	9.91	0.01	7.31	0.368
S1258	26.92	0.00	0.00	16.63	9.65	0.01	6.56	0.359
S1260	26.92	0.00	0.00	16.70	9.58	0.01	8.69	0.356
S1261	26.92	0.00	0.00	14.17	11.95	0.01	7.77	0.444
S1263	26.92	0.00	0.00	17.76	8.51	0.02	16.61	0.316
S1265	26.92	0.00	0.00	16.40	9.88	0.01	6.69	0.367
S1266	26.92	0.00	0.00	16.74	9.54	0.01	7.87	0.354
S1267	26.92	0.00	0.00	16.43	9.85	0.01	7.90	0.366
S1273	26.92	0.00	0.00	16.48	9.79	0.01	6.99	0.364
S1274	26.92	0.00	0.00	16.38	9.90	0.01	7.39	0.368
S1275	26.92	0.00	0.00	16.38	9.90	0.01	7.30	0.368
S1276	26.92	0.00	0.00	9.83	16.05	0.02	18.74	0.596
S1277	26.92	0.00	0.00	16.53	9.75	0.01	8.11	0.362
S1278	26.92	0.00	0.00	9.97	15.91	0.02	18.35	0.591
S1279	26.92	0.00	0.00	17.08	9.20	0.01	10.86	0.342
S1280	26.92	0.00	0.00	16.45	9.83	0.01	6.60	0.365
S1281	26.92	0.00	0.00	16.44	9.84	0.01	6.88	0.365
S1282	26.92	0.00	0.00	16.44	9.84	0.01	6.91	0.366
S1283	26.92	0.00	0.00	16.58	9.70	0.01	6.69	0.360
S1284	26.92	0.00	0.00	16.42	9.86	0.01	7.23	0.366
S1289	26.92	0.00	0.00	17.08	9.20	0.01	9.48	0.342
S1290	26.92	0.00	0.00	16.50	9.78	0.01	7.49	0.363
S1291	26.92	0.00	0.00	16.68	9.59	0.01	6.60	0.356
S1292	26.92	0.00	0.00	16.71	9.56	0.01	7.40	0.355
S1293	26.92	0.00	0.00	16.37	9.91	0.01	6.81	0.368
S1294	26.92	0.00	0.00	17.08	9.20	0.01	8.61	0.342
S1295	26.92	0.00	0.00	16.62	9.66	0.01	7.79	0.359
S1297	26.92	0.00	0.00	14.19	11.93	0.01	8.04	0.443
S1298	26.92	0.00	0.00	17.12	9.16	0.01	11.27	0.340
S1299	26.92	0.00	0.00	16.80	9.48	0.01	9.13	0.352
S13	26.92	0.00	0.00	10.09	15.79	0.02	28.29	0.587
S1305	26.92	0.00	0.00	16.39	9.89	0.01	6.74	0.367
S1311	26.92	0.00	0.00	16.64	9.64	0.01	8.31	0.358
S1312	26.92	0.00	0.00	16.87	9.41	0.01	6.97	0.350
S1320	26.92	0.00	0.00	16.33	9.95	0.01	6.98	0.370
S1326	26.92	0.00	0.00	16.68	9.60	0.01	6.03	0.357
S1329	26.92	0.00	0.00	16.77	9.51	0.01	7.92	0.353
S133	26.92	0.00	0.00	20.00	6.27	0.04	25.69	0.233
S1331	26.92	0.00	0.00	16.70	9.58	0.01	7.47	0.356
S1333	26.92	0.00	0.00	17.37	8.91	0.02	14.98	0.331
S1334	26.92	0.00	0.00	16.53	9.74	0.01	7.35	0.362
S1338	26.92	0.00	0.00	14.20	11.92	0.01	8.56	0.443
S1339	26.92	0.00	0.00	16.33	9.95	0.01	6.98	0.369
S1340	26.92	0.00	0.00	16.54	9.74	0.01	7.01	0.362
S1341	26.92	0.00	0.00	17.02	9.26	0.01	9.98	0.344
S1342	26.92	0.00	0.00	16.55	9.73	0.01	6.37	0.361
S1346	26.92	0.00	0.00	16.66	9.61	0.01	6.02	0.357
S1347	26.92	0.00	0.00	16.70	9.58	0.01	7.47	0.356
S1351	26.92	0.00	0.00	16.32	9.96	0.01	7.02	0.370
S1352	26.92	0.00	0.00	17.28	8.99	0.01	6.34	0.334
S1353	26.92	0.00	0.00	16.83	9.45	0.01	7.71	0.351
S1359	26.92	0.00	0.00	16.82	9.46	0.00	4.71	0.352
S1360	26.92	0.00	0.00	16.57	9.71	0.01	6.88	0.361
S1361	26.92	0.00	0.00	17.18	9.10	0.01	9.18	0.338
S1362	26.92	0.00	0.00	17.00	9.28	0.01	8.83	0.345
S1366	26.92	0.00	0.00	17.08	9.19	0.01	8.49	0.342
S1367	26.92	0.00	0.00	16.81	9.47	0.00	4.62	0.352
S1370	26.92	0.00	0.00	16.48	9.80	0.01	7.54	0.364
S1371	26.92	0.00	0.00	16.92	9.36	0.01	8.71	0.348
S1373	26.92	0.00	0.00	16.66	9.62	0.01	6.68	0.357
S1374	26.92	0.00	0.00	16.80	9.48	0.00	4.51	0.352
S1376	26.92	0.00	0.00	17.31	8.96	0.01	11.90	0.333
S1381	26.92	0.00	0.00	16.67	9.61	0.00	4.49	0.357
S1386	26.92	0.00	0.00	16.86	9.42	0.01	7.91	0.350
S1387	26.92	0.00	0.00	16.51	9.77	0.01	7.13	0.363

S1390	26.92	0.00	0.00	14.26	11.86	0.01	8.58	0.440
S1391	26.92	0.00	0.00	16.79	9.49	0.00	4.35	0.353
S1392	26.92	0.00	0.00	16.96	9.32	0.01	8.31	0.346
S1393	26.92	0.00	0.00	16.62	9.66	0.01	8.52	0.359
S1394	26.92	0.00	0.00	16.62	9.66	0.01	8.65	0.359
S1395	26.92	0.00	0.00	16.62	9.66	0.01	8.71	0.359
S1396	26.92	0.00	0.00	16.65	9.63	0.01	8.55	0.358
S1397	26.92	0.00	0.00	16.67	9.61	0.01	8.54	0.357
S1398	26.92	0.00	0.00	16.69	9.59	0.01	8.44	0.356
S1399	26.92	0.00	0.00	16.60	9.68	0.01	8.82	0.360
S14	26.92	0.00	0.00	26.23	0.60	0.00	2.41	0.022
S1401	26.92	0.00	0.00	17.03	9.25	0.01	9.71	0.344
S1405	26.92	0.00	0.00	16.48	9.80	0.01	6.45	0.364
S1406	26.92	0.00	0.00	16.69	9.59	0.00	4.51	0.356
S1407	26.92	0.00	0.00	16.60	9.68	0.01	7.25	0.360
S1409	26.92	0.00	0.00	16.50	9.78	0.01	6.84	0.363
S1410	26.92	0.00	0.00	16.54	9.74	0.01	6.85	0.362
S1411	26.92	0.00	0.00	16.57	9.71	0.01	6.63	0.361
S1412	26.92	0.00	0.00	9.77	16.11	0.01	6.91	0.599
S1413	26.92	0.00	0.00	16.66	9.62	0.00	4.56	0.357
S1417	26.92	0.00	0.00	16.46	9.82	0.01	6.75	0.365
S1421	26.92	0.00	0.00	16.76	9.52	0.01	6.95	0.354
S1422	26.92	0.00	0.00	16.56	9.72	0.01	6.91	0.361
S1423	26.92	0.00	0.00	14.18	11.94	0.01	7.73	0.444
S1424	26.92	0.00	0.00	9.76	16.12	0.01	6.97	0.599
S1425	26.92	0.00	0.00	16.64	9.64	0.00	4.57	0.358
S1428	26.92	0.00	0.00	16.69	9.59	0.01	7.97	0.356
S1429	26.92	0.00	0.00	16.49	9.79	0.01	6.68	0.364
S1430	26.92	0.00	0.00	16.65	9.62	0.00	4.58	0.358
S1433	26.92	0.00	0.00	9.74	16.14	0.01	7.09	0.599
S1436	26.92	0.00	0.00	16.64	9.64	0.00	4.64	0.358
S1444	26.92	0.00	0.00	16.40	9.87	0.01	6.97	0.367
S1445	26.92	0.00	0.00	13.15	12.97	0.01	9.82	0.482
S1446	26.92	0.00	0.00	16.83	9.45	0.00	4.86	0.351
S1449	26.92	0.00	0.00	9.79	16.09	0.01	6.92	0.598
S1454	26.92	0.00	0.00	16.70	9.58	0.01	7.31	0.356
S1463	26.92	0.00	0.00	13.48	12.63	0.01	8.14	0.469
S1464	26.92	0.00	0.00	16.40	9.88	0.01	6.94	0.367
S1465	26.92	0.00	0.00	9.83	16.05	0.01	7.33	0.596
S1468	26.92	0.00	0.00	16.61	9.67	0.01	7.53	0.359
S1469	26.92	0.00	0.00	13.49	12.63	0.01	7.15	0.469
S1470	26.92	0.00	0.00	16.65	9.62	0.01	7.57	0.358
S1471	26.92	0.00	0.00	16.78	9.50	0.01	8.91	0.353
S1472	26.92	0.00	0.00	13.15	12.97	0.01	9.46	0.482
S1476	26.92	0.00	0.00	9.83	16.05	0.01	7.35	0.596
S1477	26.92	0.00	0.00	16.91	9.37	0.00	5.11	0.348
S1480	26.92	0.00	0.00	13.42	12.70	0.01	6.69	0.472
S1481	26.92	0.00	0.00	17.01	9.27	0.01	5.57	0.344
S1483	26.92	0.00	0.00	16.91	9.37	0.01	5.17	0.348
S1484	26.92	0.00	0.00	16.37	9.91	0.01	7.30	0.368
S1486	26.92	0.00	0.00	16.81	9.47	0.00	4.99	0.352
S1488	26.92	0.00	0.00	16.96	9.32	0.01	5.95	0.346
S1489	26.92	0.00	0.00	16.91	9.37	0.01	5.29	0.348
S1491	26.92	0.00	0.00	17.19	9.09	0.01	10.00	0.338
S1495	26.92	0.00	0.00	10.16	15.72	0.02	23.19	0.584
S1496	26.92	0.00	0.00	13.41	12.71	0.01	6.73	0.472
S1497	26.92	0.00	0.00	17.07	9.21	0.01	5.04	0.342
S1498	26.92	0.00	0.00	16.61	9.66	0.00	4.62	0.359
S1499	26.92	0.00	0.00	9.83	16.05	0.01	8.01	0.596
S15	26.92	0.00	0.00	26.15	0.68	0.03	19.29	0.025
S1502	26.92	0.00	0.00	16.91	9.36	0.01	5.29	0.348
S1504	26.92	0.00	0.00	13.38	12.74	0.01	6.81	0.473
S1505	26.92	0.00	0.00	14.21	11.91	0.01	7.55	0.442
S1506	26.92	0.00	0.00	16.69	9.59	0.00	4.48	0.356
S1507	26.92	0.00	0.00	16.98	9.30	0.01	5.17	0.345
S1508	26.92	0.00	0.00	16.40	9.88	0.01	7.69	0.367
S1509	26.92	0.00	0.00	16.93	9.35	0.01	5.26	0.347
S151	26.92	0.00	0.00	20.18	6.09	0.04	27.91	0.226
S1511	26.92	0.00	0.00	9.81	16.07	0.01	15.02	0.597
S1514	26.92	0.00	0.00	13.39	12.73	0.01	6.80	0.473
S1517	26.92	0.00	0.00	16.60	9.68	0.00	4.70	0.360
S1518	26.92	0.00	0.00	16.90	9.38	0.01	8.96	0.348
S1519	26.92	0.00	0.00	16.91	9.37	0.01	5.31	0.348
S1522	26.92	0.00	0.00	17.06	9.22	0.01	10.16	0.343
S1523	26.92	0.00	0.00	13.40	12.72	0.01	6.78	0.473

S1525	26.92	0.00	0.00	16.64	9.64	0.00	4.58	0.358
S1526	26.92	0.00	0.00	16.77	9.50	0.00	4.97	0.353
S1530	26.92	0.00	0.00	16.35	9.93	0.00	3.06	0.369
S1532	26.92	0.00	0.00	13.41	12.71	0.01	6.75	0.472
S1535	26.92	0.00	0.00	16.62	9.66	0.00	4.64	0.359
S1536	26.92	0.00	0.00	14.23	11.88	0.01	8.42	0.442
S1537	26.92	0.00	0.00	16.64	9.64	0.01	8.89	0.358
S1538	26.92	0.00	0.00	16.54	9.74	0.01	8.06	0.362
S1540	26.92	0.00	0.00	16.44	9.84	0.01	7.68	0.365
S1541	26.92	0.00	0.00	17.26	9.02	0.01	13.35	0.335
S1544	26.92	0.00	0.00	16.92	9.35	0.00	4.82	0.348
S1545	26.92	0.00	0.00	16.49	9.79	0.01	7.41	0.364
S1549	26.92	0.00	0.00	16.85	9.43	0.01	5.94	0.350
S1550	26.92	0.00	0.00	17.02	9.26	0.01	5.16	0.344
S1552	26.92	0.00	0.00	13.41	12.71	0.01	6.76	0.472
S1553	26.92	0.00	0.00	17.32	8.95	0.01	12.92	0.333
S1554	26.92	0.00	0.00	16.64	9.64	0.00	4.62	0.358
S1556	26.92	0.00	0.00	17.11	9.17	0.01	10.29	0.341
S1560	26.92	0.00	0.00	13.28	12.84	0.00	6.04	0.477
S1561	26.92	0.00	0.00	16.77	9.51	0.01	8.02	0.353
S1562	26.92	0.00	0.00	13.34	12.78	0.01	6.48	0.475
S1563	26.92	0.00	0.00	16.46	9.82	0.00	5.00	0.365
S1565	26.92	0.00	0.00	16.76	9.52	0.01	8.75	0.354
S1566	26.92	0.00	0.00	16.71	9.57	0.01	8.82	0.356
S1567	26.92	0.00	0.00	16.68	9.60	0.01	9.19	0.357
S1568	26.92	0.00	0.00	16.51	9.77	0.01	9.86	0.363
S1569	26.92	0.00	0.00	16.86	9.41	0.01	7.46	0.350
S1570	26.92	0.00	0.00	13.28	12.84	0.00	6.04	0.477
S1571	26.92	0.00	0.00	16.59	9.69	0.00	4.68	0.360
S1573	26.92	0.00	0.00	13.46	12.66	0.01	6.52	0.470
S1574	26.92	0.00	0.00	17.42	8.86	0.01	12.58	0.329
S1576	26.92	0.00	0.00	16.77	9.51	0.01	8.37	0.353
S1579	26.92	0.00	0.00	16.82	9.46	0.00	4.60	0.352
S1580	26.92	0.00	0.00	10.22	15.65	0.04	38.78	0.582
S1582	26.92	0.00	0.00	13.25	12.87	0.00	6.11	0.478
S1587	26.92	0.00	0.00	16.65	9.63	0.00	4.62	0.358
S1594	26.92	0.00	0.00	16.35	9.93	0.01	8.04	0.369
S1597	26.92	0.00	0.00	13.41	12.71	0.01	6.34	0.472
S1599	26.92	0.00	0.00	17.25	9.03	0.01	10.00	0.336
S16	26.92	0.00	0.00	25.80	1.04	0.02	14.07	0.039
S1601	26.92	0.00	0.00	13.26	12.86	0.00	6.10	0.478
S1605	26.92	0.00	0.00	16.57	9.71	0.00	4.70	0.361
S1606	26.92	0.00	0.00	17.00	9.28	0.00	4.61	0.345
S1608	26.92	0.00	0.00	9.83	16.05	0.01	13.17	0.596
S1609	26.92	0.00	0.00	13.39	12.72	0.01	6.38	0.473
S1612	26.92	0.00	0.00	14.17	11.95	0.01	8.22	0.444
S1614	26.92	0.00	0.00	13.40	12.72	0.00	6.09	0.473
S1616	26.92	0.00	0.00	13.65	12.46	0.01	9.47	0.463
S1617	26.92	0.00	0.00	16.76	9.52	0.00	4.59	0.354
S1618	26.92	0.00	0.00	16.58	9.69	0.01	6.70	0.360
S1620	26.92	0.00	0.00	16.57	9.70	0.00	4.96	0.361
S1622	26.92	0.00	0.00	16.52	9.76	0.01	6.18	0.362
S1623	26.92	0.00	0.00	16.60	9.67	0.01	9.25	0.359
S1624	26.92	0.00	0.00	13.43	12.69	0.00	6.05	0.472
S1626	26.92	0.00	0.00	14.28	11.84	0.01	8.25	0.440
S1627	26.92	0.00	0.00	13.33	12.78	0.00	5.91	0.475
S1628	26.92	0.00	0.00	16.85	9.43	0.01	9.34	0.350
S1630	26.92	0.00	0.00	16.56	9.71	0.01	6.44	0.361
S1632	26.92	0.00	0.00	16.73	9.55	0.00	4.21	0.355
S1633	26.92	0.00	0.00	13.43	12.69	0.00	6.05	0.472
S1634	26.92	0.00	0.00	16.68	9.60	0.00	4.35	0.357
S1635	26.92	0.00	0.00	13.35	12.77	0.00	5.89	0.474
S1642	26.92	0.00	0.00	16.94	9.34	0.00	4.27	0.347
S1643	26.92	0.00	0.00	16.47	9.81	0.01	7.54	0.364
S1649	26.92	0.00	0.00	13.41	12.71	0.00	6.06	0.472
S1650	26.92	0.00	0.00	16.86	9.42	0.00	4.37	0.350
S1652	26.92	0.00	0.00	13.35	12.77	0.00	5.89	0.474
S1654	26.92	0.00	0.00	17.08	9.20	0.01	9.26	0.342
S1656	26.92	0.00	0.00	9.91	15.97	0.01	14.69	0.593
S1658	26.92	0.00	0.00	17.18	9.10	0.01	12.03	0.338
S1659	26.92	0.00	0.00	16.77	9.51	0.00	4.49	0.353
S1660	26.92	0.00	0.00	21.07	4.96	0.88	86.43	0.184
S1661	26.92	0.00	0.00	13.42	12.69	0.00	6.02	0.472
S1663	26.92	0.00	0.00	16.83	9.45	0.01	7.71	0.351
S1664	26.92	0.00	0.00	13.31	12.81	0.00	5.97	0.476

S1665	26.92	0.00	0.00	14.31	11.81	0.01	7.89	0.439
S1666	26.92	0.00	0.00	13.38	12.74	0.00	5.87	0.473
S1668	26.92	0.00	0.00	16.72	9.56	0.00	5.19	0.355
S1670	26.92	0.00	0.00	16.58	9.70	0.01	6.71	0.360
S1671	26.92	0.00	0.00	13.32	12.80	0.00	5.96	0.475
S1672	26.92	0.00	0.00	13.69	12.43	0.01	8.53	0.462
S1673	26.92	0.00	0.00	16.76	9.52	0.00	4.17	0.354
S1675	26.92	0.00	0.00	9.66	16.22	0.01	7.65	0.602
S1678	26.92	0.00	0.00	13.31	12.81	0.00	5.96	0.476
S1681	26.92	0.00	0.00	14.16	11.95	0.01	12.60	0.444
S1682	26.92	0.00	0.00	16.88	9.40	0.01	8.20	0.349
S1687	26.92	0.00	0.00	16.72	9.56	0.00	4.52	0.355
S1691	26.92	0.00	0.00	16.92	9.35	0.01	10.50	0.348
S1693	26.92	0.00	0.00	13.32	12.80	0.00	5.94	0.475
S1694	26.92	0.00	0.00	13.18	12.94	0.01	11.08	0.481
S1695	26.92	0.00	0.00	9.69	16.19	0.01	7.52	0.601
S1697	26.92	0.00	0.00	16.43	9.85	0.01	7.59	0.366
S1698	26.92	0.00	0.00	16.61	9.66	0.00	4.80	0.359
S17	26.92	0.00	0.00	25.71	1.13	0.01	7.90	0.042
S1700	26.92	0.00	0.00	10.47	15.40	0.06	56.76	0.572
S1703	26.92	0.00	0.00	16.66	9.62	0.01	7.36	0.357
S1705	26.92	0.00	0.00	13.37	12.75	0.00	6.19	0.474
S1706	26.92	0.00	0.00	13.42	12.70	0.01	6.69	0.472
S1707	26.92	0.00	0.00	16.82	9.46	0.00	4.08	0.352
S1708	26.92	0.00	0.00	13.88	12.24	0.01	11.00	0.455
S1711	26.92	0.00	0.00	13.44	12.68	0.01	6.59	0.471
S1713	26.92	0.00	0.00	16.86	9.42	0.01	8.47	0.350
S1714	26.92	0.00	0.00	13.41	12.71	0.00	6.05	0.472
S1715	26.92	0.00	0.00	9.69	16.19	0.01	7.55	0.602
S1718	26.92	0.00	0.00	13.44	12.68	0.01	7.14	0.471
S1720	26.92	0.00	0.00	13.33	12.79	0.00	6.22	0.475
S1722	26.92	0.00	0.00	16.78	9.50	0.00	4.89	0.353
S1724	26.92	0.00	0.00	14.32	11.80	0.01	8.33	0.438
S1726	26.92	0.00	0.00	16.58	9.70	0.00	4.88	0.360
S1729	26.92	0.00	0.00	13.44	12.68	0.01	7.54	0.471
S1730	26.92	0.00	0.00	13.35	12.77	0.00	6.17	0.474
S1733	26.92	0.00	0.00	9.67	16.21	0.01	7.64	0.602
S1740	26.92	0.00	0.00	13.63	12.49	0.01	6.49	0.464
S1748	26.92	0.00	0.00	16.82	9.46	0.00	4.58	0.352
S1749	26.92	0.00	0.00	16.60	9.68	0.01	7.54	0.359
S1752	26.92	0.00	0.00	13.42	12.70	0.00	6.02	0.472
S1754	26.92	0.00	0.00	17.05	9.23	0.01	13.10	0.343
S1755	26.92	0.00	0.00	16.88	9.40	0.01	10.38	0.349
S1756	26.92	0.00	0.00	16.53	9.75	0.01	7.48	0.362
S1757	26.92	0.00	0.00	16.52	9.76	0.01	8.27	0.363
S1758	26.92	0.00	0.00	16.47	9.80	0.01	8.49	0.364
S1759	26.92	0.00	0.00	16.49	9.79	0.01	8.32	0.364
S1760	26.92	0.00	0.00	16.78	9.50	0.01	7.43	0.353
S1761	26.92	0.00	0.00	17.07	9.21	0.01	9.02	0.342
S1764	26.92	0.00	0.00	13.41	12.70	0.00	6.04	0.472
S1765	26.92	0.00	0.00	9.73	16.15	0.01	7.36	0.600
S1768	26.92	0.00	0.00	14.27	11.85	0.01	8.41	0.440
S1769	26.92	0.00	0.00	13.66	12.46	0.01	8.34	0.463
S1772	26.92	0.00	0.00	16.54	9.74	0.00	4.97	0.362
S1773	26.92	0.00	0.00	13.55	12.56	0.01	7.14	0.467
S1774	26.92	0.00	0.00	16.81	9.47	0.00	4.77	0.352
S1776	26.92	0.00	0.00	14.82	11.30	0.01	12.22	0.420
S1779	26.92	0.00	0.00	13.54	12.58	0.01	5.99	0.467
S1782	26.92	0.00	0.00	14.12	12.00	0.01	7.97	0.446
S1784	26.92	0.00	0.00	17.17	9.11	0.01	11.25	0.338
S1785	26.92	0.00	0.00	17.08	9.20	0.01	8.73	0.342
S1787	26.92	0.00	0.00	14.71	11.41	0.01	10.07	0.424
S1789	26.92	0.00	0.00	9.70	16.18	0.01	7.48	0.601
S1790	26.92	0.00	0.00	17.50	8.78	0.01	11.91	0.326
S1794	26.92	0.00	0.00	9.85	16.03	0.01	14.68	0.595
S1795	26.92	0.00	0.00	16.76	9.52	0.00	4.68	0.354
S1797	26.92	0.00	0.00	14.73	11.38	0.01	11.99	0.423
S18	26.92	0.00	0.00	7.70	18.09	0.07	60.76	0.672
S1803	26.92	0.00	0.00	16.60	9.68	0.01	7.44	0.360
S1804	26.92	0.00	0.00	16.55	9.73	0.01	7.56	0.361
S1806	26.92	0.00	0.00	9.76	16.12	0.01	15.12	0.599
S1807	26.92	0.00	0.00	13.49	12.63	0.01	7.15	0.469
S1808	26.92	0.00	0.00	14.38	11.74	0.01	8.74	0.436
S1811	26.92	0.00	0.00	13.57	12.55	0.01	6.45	0.466
S1812	26.92	0.00	0.00	16.58	9.70	0.00	4.87	0.360

S1814	26.92	0.00	0.00	9.64	16.24	0.01	7.79	0.603
S1816	26.92	0.00	0.00	14.82	11.30	0.01	11.46	0.420
S1817	26.92	0.00	0.00	14.38	11.74	0.01	9.59	0.436
S1818	26.92	0.00	0.00	16.62	9.66	0.01	7.18	0.359
S1820	26.92	0.00	0.00	16.57	9.71	0.01	6.59	0.361
S1822	26.92	0.00	0.00	16.91	9.37	0.01	9.21	0.348
S1826	26.92	0.00	0.00	14.33	11.79	0.01	8.91	0.438
S1827	26.92	0.00	0.00	16.77	9.51	0.00	4.66	0.353
S1829	26.92	0.00	0.00	9.63	16.25	0.01	7.88	0.604
S1831	26.92	0.00	0.00	13.54	12.58	0.01	6.96	0.467
S1833	26.92	0.00	0.00	14.39	11.72	0.01	8.28	0.436
S1835	26.92	0.00	0.00	13.43	12.69	0.01	6.35	0.471
S1836	26.92	0.00	0.00	16.81	9.47	0.01	9.20	0.352
S1837	26.92	0.00	0.00	14.31	11.81	0.01	8.69	0.439
S1841	26.92	0.00	0.00	16.49	9.79	0.01	6.36	0.364
S1842	26.92	0.00	0.00	16.66	9.62	0.00	4.54	0.357
S1843	26.92	0.00	0.00	14.41	11.71	0.01	9.77	0.435
S1847	26.92	0.00	0.00	14.86	11.25	0.01	12.03	0.418
S1848	26.92	0.00	0.00	9.72	16.15	0.01	7.36	0.600
S1851	26.92	0.00	0.00	13.53	12.59	0.01	7.20	0.468
S1852	26.92	0.00	0.00	9.80	16.08	0.01	8.13	0.597
S1853	26.92	0.00	0.00	9.77	16.11	0.01	8.21	0.598
S1855	26.92	0.00	0.00	9.78	16.10	0.01	8.15	0.598
S1856	26.92	0.00	0.00	9.73	16.15	0.01	8.37	0.600
S1857	26.92	0.00	0.00	9.75	16.13	0.01	8.29	0.599
S1858	26.92	0.00	0.00	9.80	16.08	0.01	8.05	0.597
S1859	26.92	0.00	0.00	9.78	16.09	0.01	8.13	0.598
S1860	26.92	0.00	0.00	9.76	16.12	0.01	8.27	0.599
S1861	26.92	0.00	0.00	9.77	16.11	0.01	8.21	0.599
S1862	26.92	0.00	0.00	9.73	16.15	0.01	8.39	0.600
S1863	26.92	0.00	0.00	9.90	15.98	0.01	7.69	0.594
S1864	26.92	0.00	0.00	13.46	12.66	0.01	6.19	0.470
S1865	26.92	0.00	0.00	14.78	11.34	0.01	11.28	0.421
S1866	26.92	0.00	0.00	16.71	9.57	0.01	6.94	0.356
S1867	26.92	0.00	0.00	9.93	15.95	0.01	8.41	0.593
S1868	26.92	0.00	0.00	16.60	9.68	0.01	7.69	0.360
S1872	26.92	0.00	0.00	14.28	11.84	0.01	8.43	0.440
S1873	26.92	0.00	0.00	16.96	9.31	0.01	7.59	0.346
S1874	26.92	0.00	0.00	16.69	9.59	0.00	4.67	0.356
S1875	26.92	0.00	0.00	16.67	9.61	0.00	4.42	0.357
S1876	26.92	0.00	0.00	16.61	9.67	0.00	4.55	0.359
S1877	26.92	0.00	0.00	16.78	9.49	0.00	4.64	0.353
S1878	26.92	0.00	0.00	16.75	9.53	0.00	5.08	0.354
S1879	26.92	0.00	0.00	9.75	16.13	0.01	7.26	0.599
S1880	26.92	0.00	0.00	17.01	9.27	0.01	8.94	0.344
S1887	26.92	0.00	0.00	16.34	9.94	0.01	6.92	0.369
S1894	26.92	0.00	0.00	14.97	11.14	0.01	13.49	0.414
S1898	26.92	0.00	0.00	14.39	11.73	0.01	9.09	0.436
S19	26.92	0.00	0.00	4.96	20.68	0.18	192.94	0.768
S1906	26.92	0.00	0.00	16.74	9.54	0.01	7.03	0.354
S1907	26.92	0.00	0.00	13.41	12.71	0.01	6.24	0.472
S1908	26.92	0.00	0.00	17.44	8.84	0.01	12.78	0.328
S1909	26.92	0.00	0.00	16.46	9.82	0.01	7.72	0.365
S1910	26.92	0.00	0.00	13.51	12.60	0.01	7.24	0.468
S1911	26.92	0.00	0.00	9.77	16.10	0.01	7.15	0.598
S1913	26.92	0.00	0.00	16.66	9.61	0.01	6.92	0.357
S1916	26.92	0.00	0.00	14.19	11.92	0.01	7.87	0.443
S1918	26.92	0.00	0.00	17.02	9.26	0.01	5.97	0.344
S1919	26.92	0.00	0.00	16.71	9.57	0.01	7.23	0.355
S1920	26.92	0.00	0.00	16.83	9.45	0.01	8.15	0.351
S1921	26.92	0.00	0.00	16.74	9.54	0.01	6.79	0.354
S1922	26.92	0.00	0.00	16.58	9.70	0.01	6.35	0.360
S1923	26.92	0.00	0.00	16.52	9.76	0.01	6.39	0.362
S1924	26.92	0.00	0.00	16.53	9.75	0.01	6.37	0.362
S1925	26.92	0.00	0.00	16.51	9.77	0.01	6.42	0.363
S1926	26.92	0.00	0.00	16.54	9.74	0.01	6.46	0.362
S1927	26.92	0.00	0.00	16.50	9.78	0.01	6.58	0.363
S1928	26.92	0.00	0.00	16.51	9.77	0.01	6.57	0.363
S1929	26.92	0.00	0.00	16.46	9.82	0.01	6.72	0.365
S1931	26.92	0.00	0.00	16.64	9.64	0.01	7.03	0.358
S1933	26.92	0.00	0.00	16.76	9.52	0.01	6.69	0.354
S1935	26.92	0.00	0.00	16.71	9.57	0.01	8.53	0.356
S1936	26.92	0.00	0.00	16.93	9.35	0.01	11.15	0.347
S1937	26.92	0.00	0.00	17.48	8.80	0.01	13.32	0.327
S1938	26.92	0.00	0.00	17.36	8.92	0.01	10.45	0.331

S1939	26.92	0.00	0.00	21.14	5.30	0.21	191.46	0.197
S1940	26.92	0.00	0.00	17.04	9.23	0.01	9.53	0.343
S1941	26.92	0.00	0.00	16.98	9.30	0.01	9.71	0.345
S1942	26.92	0.00	0.00	17.06	9.22	0.01	9.46	0.342
S1943	26.92	0.00	0.00	17.01	9.27	0.01	9.60	0.344
S1944	26.92	0.00	0.00	17.00	9.27	0.01	9.62	0.345
S1945	26.92	0.00	0.00	17.34	8.93	0.01	12.44	0.332
S1946	26.92	0.00	0.00	9.71	16.17	0.01	7.45	0.601
S1950	26.92	0.00	0.00	13.35	12.77	0.01	6.36	0.474
S1953	26.92	0.00	0.00	16.63	9.65	0.01	6.95	0.359
S1958	26.92	0.00	0.00	16.57	9.71	0.01	6.18	0.361
S1960	26.92	0.00	0.00	14.50	11.61	0.01	9.91	0.431
S1961	26.92	0.00	0.00	16.68	9.60	0.01	6.50	0.357
S1963	26.92	0.00	0.00	16.55	9.73	0.01	6.24	0.362
S1964	26.92	0.00	0.00	13.40	12.72	0.01	6.24	0.473
S1965	26.92	0.00	0.00	16.38	9.90	0.01	7.30	0.368
S1970	26.92	0.00	0.00	16.65	9.63	0.01	6.33	0.358
S1973	26.92	0.00	0.00	16.50	9.77	0.01	6.35	0.363
S1978	26.92	0.00	0.00	13.34	12.78	0.01	6.37	0.475
S1979	26.92	0.00	0.00	17.07	9.21	0.01	8.61	0.342
S1980	26.92	0.00	0.00	16.56	9.72	0.01	6.56	0.361
S1986	26.92	0.00	0.00	16.60	9.68	0.01	6.12	0.360
S1988	26.92	0.00	0.00	9.77	16.11	0.01	7.17	0.599
S1989	26.92	0.00	0.00	16.54	9.73	0.00	3.87	0.362
S1990	26.92	0.00	0.00	16.59	9.69	0.00	3.80	0.360
S1991	26.92	0.00	0.00	16.64	9.64	0.00	3.71	0.358
S1992	26.92	0.00	0.00	16.50	9.78	0.00	3.96	0.363
S1993	26.92	0.00	0.00	16.51	9.77	0.00	3.95	0.363
S1994	26.92	0.00	0.00	17.61	8.67	0.01	7.87	0.322
S1995	26.92	0.00	0.00	16.51	9.76	0.00	3.93	0.363
S1996	26.92	0.00	0.00	16.55	9.73	0.00	3.86	0.361
S1997	26.92	0.00	0.00	9.73	16.15	0.01	7.34	0.600
S1998	26.92	0.00	0.00	17.29	8.99	0.01	6.41	0.334
S1999	26.92	0.00	0.00	9.73	16.15	0.01	7.35	0.600
S2	26.92	0.00	0.00	2.60	22.83	14.54	4525.82	0.848
S20	26.92	0.00	0.00	4.98	20.66	0.25	256.11	0.767
S2000	26.92	0.00	0.00	16.78	9.50	0.00	4.70	0.353
S2001	26.92	0.00	0.00	16.60	9.67	0.00	4.34	0.359
S2002	26.92	0.00	0.00	16.92	9.36	0.00	4.91	0.348
S2003	26.92	0.00	0.00	16.87	9.40	0.00	4.99	0.349
S2004	26.92	0.00	0.00	16.58	9.70	0.00	4.49	0.360
S2005	26.92	0.00	0.00	16.74	9.54	0.00	4.50	0.354
S2007	26.92	0.00	0.00	16.62	9.66	0.01	6.20	0.359
S2012	26.92	0.00	0.00	16.87	9.41	0.01	7.62	0.349
S2014	26.92	0.00	0.00	13.30	12.82	0.00	6.09	0.476
S2016	26.92	0.00	0.00	9.76	16.12	0.01	11.37	0.599
S2018	26.92	0.00	0.00	9.80	16.08	0.01	12.30	0.597
S2019	26.92	0.00	0.00	9.84	16.04	0.01	6.90	0.596
S2020	26.92	0.00	0.00	16.58	9.70	0.00	3.81	0.360
S2021	26.92	0.00	0.00	16.58	9.70	0.00	3.81	0.360
S2022	26.92	0.00	0.00	16.66	9.62	0.00	3.68	0.357
S2023	26.92	0.00	0.00	16.51	9.77	0.00	3.93	0.363
S2024	26.92	0.00	0.00	16.64	9.64	0.00	3.71	0.358
S2025	26.92	0.00	0.00	16.55	9.73	0.01	6.20	0.361
S2027	26.92	0.00	0.00	16.43	9.85	0.00	4.10	0.366
S2028	26.92	0.00	0.00	16.61	9.67	0.00	3.76	0.359
S2029	26.92	0.00	0.00	9.70	16.18	0.01	7.47	0.601
S2030	26.92	0.00	0.00	9.68	16.20	0.01	7.58	0.602
S2031	26.92	0.00	0.00	16.58	9.69	0.01	6.67	0.360
S2032	26.92	0.00	0.00	24.73	2.10	0.00	3.33	0.078
S2033	26.92	0.00	0.00	16.81	9.47	0.01	7.08	0.352
S2035	26.92	0.00	0.00	14.57	11.55	0.01	12.24	0.429
S2039	26.92	0.00	0.00	16.56	9.71	0.01	6.72	0.361
S2053	26.92	0.00	0.00	9.76	16.12	0.01	7.20	0.599
S2054	26.92	0.00	0.00	16.46	9.81	0.00	4.03	0.365
S2056	26.92	0.00	0.00	16.68	9.59	0.00	3.65	0.356
S2057	26.92	0.00	0.00	16.55	9.73	0.00	3.87	0.362
S2058	26.92	0.00	0.00	16.55	9.73	0.00	3.86	0.361
S2060	26.92	0.00	0.00	16.63	9.65	0.00	3.73	0.359
S2061	26.92	0.00	0.00	16.70	9.58	0.01	9.52	0.356
S2063	26.92	0.00	0.00	16.45	9.83	0.00	4.05	0.365
S2064	26.92	0.00	0.00	16.45	9.83	0.00	4.05	0.365
S2065	26.92	0.00	0.00	9.73	16.14	0.01	7.31	0.600
S2067	26.92	0.00	0.00	9.69	16.19	0.01	7.53	0.601
S2070	26.92	0.00	0.00	17.42	8.85	0.02	16.95	0.329

S2072	26.92	0.00	0.00	16.65	9.62	0.01	10.15	0.358
S2074	26.92	0.00	0.00	16.53	9.75	0.01	6.82	0.362
S2075	26.92	0.00	0.00	16.90	9.38	0.01	11.83	0.348
S2076	26.92	0.00	0.00	10.65	15.23	0.12	119.10	0.566
S2077	26.92	0.00	0.00	16.57	9.71	0.01	6.45	0.361
S2079	26.92	0.00	0.00	16.58	9.70	0.01	6.63	0.360
S2080	26.92	0.00	0.00	16.59	9.68	0.01	6.40	0.360
S2081	26.92	0.00	0.00	16.70	9.58	0.01	6.62	0.356
S2086	26.92	0.00	0.00	16.87	9.41	0.01	7.46	0.350
S2087	26.92	0.00	0.00	9.76	16.12	0.01	11.39	0.599
S2088	26.92	0.00	0.00	9.79	16.09	0.01	12.37	0.598
S2089	26.92	0.00	0.00	9.86	16.02	0.01	6.83	0.595
S2090	26.92	0.00	0.00	16.64	9.64	0.00	3.71	0.358
S2091	26.92	0.00	0.00	16.61	9.67	0.00	3.77	0.359
S2092	26.92	0.00	0.00	16.57	9.71	0.00	3.83	0.361
S2093	26.92	0.00	0.00	16.62	9.65	0.00	3.74	0.359
S2094	26.92	0.00	0.00	16.54	9.74	0.00	3.88	0.362
S2095	26.92	0.00	0.00	16.69	9.59	0.00	3.63	0.356
S2096	26.92	0.00	0.00	16.55	9.73	0.00	3.86	0.361
S2097	26.92	0.00	0.00	16.56	9.71	0.00	3.84	0.361
S2098	26.92	0.00	0.00	9.73	16.15	0.01	7.34	0.600
S2099	26.92	0.00	0.00	9.64	16.23	0.01	7.78	0.603
S21	26.92	0.00	0.00	5.01	20.63	0.43	420.32	0.766
S2105	26.92	0.00	0.00	16.61	9.66	0.01	6.48	0.359
S2107	26.92	0.00	0.00	16.59	9.69	0.01	6.35	0.360
S2109	26.92	0.00	0.00	9.77	16.11	0.01	7.18	0.599
S2110	26.92	0.00	0.00	16.67	9.61	0.00	3.67	0.357
S2111	26.92	0.00	0.00	16.55	9.73	0.00	3.87	0.362
S2112	26.92	0.00	0.00	16.72	9.55	0.00	3.59	0.355
S2113	26.92	0.00	0.00	16.67	9.61	0.00	3.67	0.357
S2114	26.92	0.00	0.00	16.51	9.77	0.00	3.94	0.363
S2115	26.92	0.00	0.00	16.76	9.51	0.00	3.53	0.353
S2116	26.92	0.00	0.00	16.53	9.75	0.00	3.89	0.362
S2117	26.92	0.00	0.00	16.66	9.62	0.00	3.69	0.357
S2118	26.92	0.00	0.00	9.73	16.15	0.01	7.33	0.600
S2119	26.92	0.00	0.00	9.73	16.15	0.01	7.34	0.600
S2126	26.92	0.00	0.00	16.59	9.69	0.01	6.31	0.360
S2131	26.92	0.00	0.00	9.77	16.11	0.01	11.31	0.598
S2132	26.92	0.00	0.00	9.76	16.12	0.01	12.60	0.599
S2133	26.92	0.00	0.00	9.77	16.11	0.01	7.16	0.598
S2134	26.92	0.00	0.00	16.59	9.69	0.00	3.80	0.360
S2135	26.92	0.00	0.00	16.58	9.70	0.00	3.81	0.360
S2136	26.92	0.00	0.00	16.63	9.65	0.00	3.74	0.359
S2137	26.92	0.00	0.00	16.64	9.64	0.00	3.71	0.358
S2138	26.92	0.00	0.00	16.49	9.79	0.00	3.97	0.364
S2139	26.92	0.00	0.00	16.56	9.72	0.00	3.86	0.361
S2140	26.92	0.00	0.00	16.44	9.84	0.00	4.08	0.366
S2141	26.92	0.00	0.00	16.64	9.64	0.00	3.71	0.358
S2142	26.92	0.00	0.00	9.72	16.16	0.01	7.37	0.600
S2143	26.92	0.00	0.00	9.74	16.14	0.01	7.30	0.600
S2144	26.92	0.00	0.00	16.59	9.69	0.01	6.54	0.360
S2147	26.92	0.00	0.00	16.67	9.61	0.01	6.57	0.357
S2148	26.92	0.00	0.00	16.64	9.64	0.01	6.12	0.358
S2150	26.92	0.00	0.00	16.57	9.71	0.01	6.61	0.361
S2152	26.92	0.00	0.00	9.79	16.09	0.01	7.08	0.598
S2153	26.92	0.00	0.00	16.63	9.65	0.00	3.73	0.358
S2154	26.92	0.00	0.00	16.62	9.66	0.00	3.74	0.359
S2155	26.92	0.00	0.00	16.71	9.57	0.00	3.62	0.356
S2156	26.92	0.00	0.00	16.58	9.69	0.00	3.80	0.360
S2157	26.92	0.00	0.00	16.38	9.90	0.00	4.22	0.368
S2158	26.92	0.00	0.00	16.66	9.62	0.00	3.69	0.357
S2159	26.92	0.00	0.00	16.56	9.72	0.01	6.17	0.361
S2161	26.92	0.00	0.00	17.01	9.27	0.01	6.51	0.344
S2162	26.92	0.00	0.00	16.51	9.77	0.00	3.94	0.363
S2163	26.92	0.00	0.00	9.77	16.11	0.01	7.18	0.599
S2164	26.92	0.00	0.00	9.71	16.17	0.01	7.42	0.601
S2168	26.92	0.00	0.00	14.45	11.67	0.01	9.45	0.434
S2170	26.92	0.00	0.00	16.60	9.68	0.01	6.21	0.360
S2171	26.92	0.00	0.00	16.55	9.73	0.01	6.79	0.361
S2175	26.92	0.00	0.00	14.40	11.72	0.01	9.24	0.435
S2180	26.92	0.00	0.00	9.77	16.11	0.01	11.27	0.598
S2181	26.92	0.00	0.00	9.78	16.10	0.01	12.42	0.598
S2184	26.92	0.00	0.00	9.81	16.06	0.01	6.99	0.597
S2185	26.92	0.00	0.00	16.53	9.75	0.00	3.90	0.362
S2186	26.92	0.00	0.00	16.56	9.72	0.00	3.85	0.361

S2187	26.92	0.00	0.00	16.73	9.55	0.00	3.58	0.355
S2188	26.92	0.00	0.00	16.59	9.69	0.00	3.80	0.360
S2189	26.92	0.00	0.00	16.50	9.78	0.00	3.95	0.363
S2190	26.92	0.00	0.00	16.45	9.83	0.00	4.05	0.365
S2191	26.92	0.00	0.00	16.95	9.33	0.01	10.01	0.347
S2193	26.92	0.00	0.00	16.50	9.78	0.00	3.96	0.363
S2194	26.92	0.00	0.00	9.75	16.12	0.01	7.23	0.599
S2195	26.92	0.00	0.00	9.70	16.18	0.01	7.48	0.601
S2196	26.92	0.00	0.00	16.78	9.50	0.01	7.53	0.353
S2199	26.92	0.00	0.00	16.53	9.75	0.01	6.44	0.362
S22	26.92	0.00	0.00	5.08	20.55	0.81	687.93	0.764
S2204	26.92	0.00	0.00	16.80	9.48	0.01	7.17	0.352
S2208	26.92	0.00	0.00	16.53	9.75	0.01	6.55	0.362
S2209	26.92	0.00	0.00	9.82	16.06	0.01	6.97	0.596
S2210	26.92	0.00	0.00	16.71	9.57	0.00	3.61	0.355
S2211	26.92	0.00	0.00	16.53	9.74	0.00	3.89	0.362
S2212	26.92	0.00	0.00	16.79	9.49	0.00	3.50	0.353
S2213	26.92	0.00	0.00	16.73	9.55	0.00	3.58	0.355
S2214	26.92	0.00	0.00	16.64	9.64	0.00	3.72	0.358
S2215	26.92	0.00	0.00	16.51	9.77	0.00	3.93	0.363
S2216	26.92	0.00	0.00	16.59	9.68	0.00	3.79	0.360
S2217	26.92	0.00	0.00	26.36	0.47	0.00	1.22	0.018
S2218	26.92	0.00	0.00	16.55	9.73	0.00	3.86	0.361
S2220	26.92	0.00	0.00	9.73	16.15	0.01	7.35	0.600
S2221	26.92	0.00	0.00	25.85	0.99	0.01	4.04	0.037
S2222	26.92	0.00	0.00	9.69	16.19	0.01	7.52	0.601
S2224	26.92	0.00	0.00	14.25	11.87	0.01	8.52	0.441
S2225	26.92	0.00	0.00	16.56	9.72	0.01	6.36	0.361
S2226	26.92	0.00	0.00	16.60	9.68	0.01	6.35	0.360
S2227	26.92	0.00	0.00	16.62	9.66	0.01	6.12	0.359
S2228	26.92	0.00	0.00	17.07	9.21	0.01	9.45	0.342
S2233	26.92	0.00	0.00	16.76	9.51	0.01	6.94	0.353
S2235	26.92	0.00	0.00	9.76	16.12	0.01	11.37	0.599
S2236	26.92	0.00	0.00	9.77	16.10	0.01	12.47	0.598
S2237	26.92	0.00	0.00	9.82	16.06	0.01	6.97	0.596
S2238	26.92	0.00	0.00	16.66	9.62	0.00	3.69	0.357
S2239	26.92	0.00	0.00	16.43	9.85	0.00	4.10	0.366
S2240	26.92	0.00	0.00	16.69	9.58	0.00	3.63	0.356
S2241	26.92	0.00	0.00	16.70	9.58	0.00	3.63	0.356
S2242	26.92	0.00	0.00	16.47	9.80	0.00	4.01	0.364
S2243	26.92	0.00	0.00	16.64	9.64	0.00	3.71	0.358
S2244	26.92	0.00	0.00	16.38	9.90	0.00	4.20	0.368
S2245	26.92	0.00	0.00	24.85	1.99	0.00	2.71	0.074
S2246	26.92	0.00	0.00	16.46	9.82	0.00	4.04	0.365
S2247	26.92	0.00	0.00	9.72	16.16	0.01	7.37	0.600
S2248	26.92	0.00	0.00	9.74	16.14	0.01	7.29	0.600
S2251	26.92	0.00	0.00	16.87	9.41	0.01	7.94	0.350
S2252	26.92	0.00	0.00	16.70	9.58	0.01	7.09	0.356
S2255	26.92	0.00	0.00	14.24	11.88	0.01	7.93	0.441
S2257	26.92	0.00	0.00	9.79	16.09	0.01	7.08	0.598
S2258	26.92	0.00	0.00	16.66	9.62	0.00	3.68	0.357
S2259	26.92	0.00	0.00	16.55	9.73	0.00	3.87	0.362
S226	26.92	0.00	0.00	20.48	5.79	0.06	32.03	0.215
S2260	26.92	0.00	0.00	16.68	9.60	0.00	3.65	0.357
S2261	26.92	0.00	0.00	16.71	9.56	0.00	3.60	0.355
S2262	26.92	0.00	0.00	16.61	9.67	0.00	3.76	0.359
S2263	26.92	0.00	0.00	16.70	9.58	0.00	3.62	0.356
S2264	26.92	0.00	0.00	16.48	9.80	0.00	3.99	0.364
S2265	26.92	0.00	0.00	24.80	2.04	0.00	2.81	0.076
S2266	26.92	0.00	0.00	24.86	1.97	0.01	4.13	0.073
S2267	26.92	0.00	0.00	9.77	16.11	0.01	7.17	0.598
S2268	26.92	0.00	0.00	9.75	16.13	0.01	7.26	0.599
S2272	26.92	0.00	0.00	16.75	9.53	0.01	6.99	0.354
S2273	26.92	0.00	0.00	16.96	9.31	0.01	8.57	0.346
S2275	26.92	0.00	0.00	16.66	9.62	0.01	6.97	0.357
S2276	26.92	0.00	0.00	9.73	16.15	0.01	11.52	0.600
S2277	26.92	0.00	0.00	9.77	16.11	0.01	12.50	0.598
S2278	26.92	0.00	0.00	9.80	16.08	0.01	7.05	0.597
S2279	26.92	0.00	0.00	16.62	9.66	0.00	3.75	0.359
S228	26.92	0.00	0.00	20.39	5.88	0.05	30.80	0.218
S2280	26.92	0.00	0.00	16.51	9.77	0.00	3.94	0.363
S2281	26.92	0.00	0.00	16.67	9.60	0.00	3.66	0.357
S2282	26.92	0.00	0.00	16.62	9.66	0.00	3.74	0.359
S2283	26.92	0.00	0.00	16.62	9.66	0.00	3.74	0.359
S2284	26.92	0.00	0.00	16.61	9.67	0.00	3.76	0.359

S2285	26.92	0.00	0.00	16.46	9.82	0.00	4.04	0.365
S2288	26.92	0.00	0.00	9.73	16.15	0.01	7.34	0.600
S2289	26.92	0.00	0.00	9.70	16.18	0.01	7.48	0.601
S2290	26.92	0.00	0.00	16.78	9.50	0.01	6.85	0.353
S2296	26.92	0.00	0.00	14.13	11.99	0.01	8.31	0.445
S23	26.92	0.00	0.00	4.96	20.67	0.16	173.30	0.768
S2305	26.92	0.00	0.00	9.82	16.06	0.01	6.98	0.597
S2306	26.92	0.00	0.00	16.70	9.58	0.00	3.62	0.356
S2307	26.92	0.00	0.00	16.29	9.99	0.00	4.44	0.371
S2308	26.92	0.00	0.00	16.63	9.65	0.00	3.74	0.359
S2309	26.92	0.00	0.00	16.76	9.52	0.00	3.54	0.354
S2310	26.92	0.00	0.00	16.35	9.93	0.00	4.27	0.369
S2312	26.92	0.00	0.00	16.67	9.61	0.00	3.67	0.357
S2313	26.92	0.00	0.00	16.42	9.86	0.00	4.13	0.366
S2317	26.92	0.00	0.00	16.59	9.69	0.01	6.40	0.360
S2318	26.92	0.00	0.00	9.82	16.06	0.01	6.99	0.597
S2319	26.92	0.00	0.00	9.69	16.19	0.01	7.52	0.601
S2320	26.92	0.00	0.00	16.59	9.69	0.01	7.32	0.360
S2322	26.92	0.00	0.00	16.59	9.68	0.01	6.38	0.360
S2323	26.92	0.00	0.00	9.78	16.10	0.01	11.19	0.598
S2324	26.92	0.00	0.00	9.75	16.13	0.01	12.62	0.599
S2325	26.92	0.00	0.00	9.81	16.07	0.01	7.00	0.597
S2326	26.92	0.00	0.00	16.64	9.64	0.00	3.71	0.358
S2327	26.92	0.00	0.00	16.50	9.78	0.00	3.96	0.363
S2328	26.92	0.00	0.00	16.65	9.63	0.00	3.70	0.358
S2329	26.92	0.00	0.00	16.56	9.72	0.00	3.85	0.361
S2331	26.92	0.00	0.00	16.36	9.92	0.00	4.26	0.369
S2332	26.92	0.00	0.00	16.62	9.66	0.00	3.75	0.359
S2333	26.92	0.00	0.00	16.56	9.72	0.00	3.85	0.361
S2334	26.92	0.00	0.00	16.47	9.81	0.00	4.02	0.364
S2336	26.92	0.00	0.00	14.09	12.03	0.01	6.97	0.447
S2337	26.92	0.00	0.00	9.76	16.12	0.01	7.23	0.599
S2338	26.92	0.00	0.00	9.69	16.19	0.01	7.55	0.602
S2341	26.92	0.00	0.00	14.08	12.04	0.01	7.82	0.447
S2346	26.92	0.00	0.00	16.61	9.67	0.01	7.14	0.359
S2347	26.92	0.00	0.00	16.53	9.75	0.01	7.06	0.362
S2350	26.92	0.00	0.00	9.84	16.04	0.01	6.90	0.596
S2351	26.92	0.00	0.00	16.75	9.53	0.00	3.55	0.354
S2352	26.92	0.00	0.00	16.59	9.69	0.00	3.79	0.360
S2353	26.92	0.00	0.00	16.60	9.68	0.00	3.78	0.360
S2354	26.92	0.00	0.00	16.67	9.61	0.00	3.67	0.357
S2355	26.92	0.00	0.00	16.63	9.65	0.00	3.73	0.358
S2356	26.92	0.00	0.00	16.62	9.66	0.00	3.75	0.359
S2357	26.92	0.00	0.00	16.47	9.81	0.00	4.02	0.365
S2358	26.92	0.00	0.00	16.59	9.69	0.00	3.80	0.360
S2360	26.92	0.00	0.00	9.74	16.14	0.01	7.29	0.600
S2361	26.92	0.00	0.00	9.72	16.16	0.01	7.37	0.600
S2365	26.92	0.00	0.00	16.69	9.58	0.01	6.82	0.356
S2367	26.92	0.00	0.00	14.10	12.02	0.01	6.97	0.447
S2369	26.92	0.00	0.00	9.74	16.14	0.01	11.45	0.600
S2370	26.92	0.00	0.00	9.76	16.11	0.01	12.53	0.599
S2371	26.92	0.00	0.00	14.12	12.00	0.01	7.54	0.446
S2373	26.92	0.00	0.00	9.84	16.04	0.01	6.92	0.596
S2374	26.92	0.00	0.00	16.70	9.58	0.00	3.63	0.356
S2375	26.92	0.00	0.00	16.73	9.55	0.01	6.67	0.355
S2377	26.92	0.00	0.00	16.53	9.75	0.00	3.90	0.362
S2378	26.92	0.00	0.00	16.56	9.72	0.00	3.85	0.361
S2379	26.92	0.00	0.00	16.58	9.70	0.00	3.81	0.360
S2380	26.92	0.00	0.00	16.61	9.66	0.00	3.76	0.359
S2381	26.92	0.00	0.00	16.68	9.60	0.00	3.65	0.357
S2382	26.92	0.00	0.00	16.43	9.85	0.00	4.10	0.366
S2383	26.92	0.00	0.00	16.68	9.60	0.00	3.65	0.357
S2384	26.92	0.00	0.00	13.25	12.87	0.00	5.76	0.478
S2385	26.92	0.00	0.00	9.68	16.20	0.01	7.56	0.602
S2386	26.92	0.00	0.00	9.81	16.07	0.01	7.02	0.597
S2388	26.92	0.00	0.00	16.73	9.54	0.01	6.81	0.355
S2392	26.92	0.00	0.00	16.71	9.57	0.01	6.82	0.355
S2393	26.92	0.00	0.00	19.33	7.10	0.01	6.76	0.264
S2394	26.92	0.00	0.00	16.71	9.57	0.01	6.64	0.356
S2395	26.92	0.00	0.00	16.70	9.58	0.01	6.84	0.356
S24	26.92	0.00	0.00	4.96	20.68	0.28	295.68	0.768
S2401	26.92	0.00	0.00	9.81	16.07	0.01	7.01	0.597
S2402	26.92	0.00	0.00	16.46	9.82	0.00	4.04	0.365
S2403	26.92	0.00	0.00	16.66	9.62	0.00	3.68	0.357
S2404	26.92	0.00	0.00	16.67	9.61	0.00	3.66	0.357

S2405	26.92	0.00	0.00	16.63	9.65	0.00	3.73	0.358
S2406	26.92	0.00	0.00	16.54	9.74	0.00	3.89	0.362
S2407	26.92	0.00	0.00	16.39	9.88	0.00	4.17	0.367
S2408	26.92	0.00	0.00	16.55	9.72	0.00	3.86	0.361
S2409	26.92	0.00	0.00	16.53	9.75	0.00	3.90	0.362
S2410	26.92	0.00	0.00	16.54	9.74	0.00	3.88	0.362
S2412	26.92	0.00	0.00	9.77	16.11	0.01	7.16	0.598
S2420	26.92	0.00	0.00	14.08	12.04	0.01	7.03	0.447
S2421	26.92	0.00	0.00	14.08	12.04	0.01	7.58	0.447
S2423	26.92	0.00	0.00	9.75	16.12	0.01	11.34	0.599
S2424	26.92	0.00	0.00	9.63	16.25	0.01	13.75	0.604
S2425	26.92	0.00	0.00	16.58	9.70	0.00	3.81	0.360
S2426	26.92	0.00	0.00	16.56	9.71	0.00	3.84	0.361
S2427	26.92	0.00	0.00	16.55	9.73	0.00	3.86	0.361
S2428	26.92	0.00	0.00	16.60	9.68	0.00	3.78	0.360
S2429	26.92	0.00	0.00	16.63	9.65	0.00	3.74	0.359
S2430	26.92	0.00	0.00	16.63	9.65	0.00	3.73	0.358
S2431	26.92	0.00	0.00	16.49	9.79	0.00	3.97	0.364
S2432	26.92	0.00	0.00	16.56	9.71	0.00	3.84	0.361
S2433	26.92	0.00	0.00	13.30	12.82	0.00	5.66	0.476
S2435	26.92	0.00	0.00	9.74	16.14	0.01	7.31	0.600
S2438	26.92	0.00	0.00	9.71	16.17	0.00	5.89	0.601
S2439	26.92	0.00	0.00	9.77	16.11	0.00	6.32	0.598
S2441	26.92	0.00	0.00	16.68	9.59	0.00	3.65	0.356
S2442	26.92	0.00	0.00	16.64	9.64	0.00	3.71	0.358
S2443	26.92	0.00	0.00	16.66	9.62	0.00	3.69	0.357
S2444	26.92	0.00	0.00	16.71	9.57	0.00	3.62	0.356
S2445	26.92	0.00	0.00	16.67	9.61	0.00	3.67	0.357
S2446	26.92	0.00	0.00	16.58	9.70	0.00	3.81	0.360
S2447	26.92	0.00	0.00	16.56	9.72	0.00	3.85	0.361
S2448	26.92	0.00	0.00	16.82	9.46	0.00	3.46	0.351
S2450	26.92	0.00	0.00	16.50	9.78	0.00	3.96	0.363
S2452	26.92	0.00	0.00	9.77	16.11	0.01	7.16	0.598
S2463	26.92	0.00	0.00	14.12	12.00	0.01	7.41	0.446
S2466	26.92	0.00	0.00	14.12	12.00	0.01	7.74	0.446
S2468	26.92	0.00	0.00	21.11	5.03	0.65	85.61	0.187
S2469	26.92	0.00	0.00	9.74	16.14	0.00	5.78	0.600
S2470	26.92	0.00	0.00	9.76	16.12	0.00	6.37	0.599
S2471	26.92	0.00	0.00	10.01	15.87	0.02	19.22	0.590
S2472	26.92	0.00	0.00	16.49	9.79	0.00	3.98	0.364
S2473	26.92	0.00	0.00	16.64	9.64	0.00	3.72	0.358
S2474	26.92	0.00	0.00	16.63	9.65	0.00	3.74	0.359
S2475	26.92	0.00	0.00	16.56	9.72	0.00	3.85	0.361
S2476	26.92	0.00	0.00	16.65	9.63	0.00	3.70	0.358
S2477	26.92	0.00	0.00	16.61	9.66	0.00	3.76	0.359
S2478	26.92	0.00	0.00	16.50	9.77	0.00	3.95	0.363
S2479	26.92	0.00	0.00	16.65	9.63	0.00	3.70	0.358
S2480	26.92	0.00	0.00	16.39	9.89	0.00	4.19	0.367
S2482	26.92	0.00	0.00	9.78	16.10	0.01	7.14	0.598
S2483	26.92	0.00	0.00	14.46	11.66	0.01	9.34	0.433
S2486	26.92	0.00	0.00	14.25	11.87	0.01	8.13	0.441
S2490	26.92	0.00	0.00	14.08	12.04	0.01	7.39	0.447
S2492	26.92	0.00	0.00	14.08	12.04	0.01	7.07	0.447
S2494	26.92	0.00	0.00	14.13	11.99	0.01	7.33	0.445
S2497_1	26.92	0.00	0.00	10.43	15.45	0.11	113.91	0.574
S2497_10	26.92	0.00	0.00	9.83	16.05	0.04	50.89	0.596
S2497_11	26.92	0.00	0.00	10.51	15.37	0.12	122.89	0.571
S2497_12	26.92	0.00	0.00	7.66	18.14	0.06	63.10	0.674
S2497_13	26.92	0.00	0.00	25.32	1.52	0.01	7.87	0.057
S2497_14	26.92	0.00	0.00	10.44	15.44	0.21	218.90	0.574
S2497_15	26.92	0.00	0.00	10.29	15.59	0.09	98.06	0.579
S2497_16	26.92	0.00	0.00	10.16	15.72	0.08	84.01	0.584
S2497_17	26.92	0.00	0.00	10.21	15.67	0.08	88.83	0.582
S2497_18	26.92	0.00	0.00	7.66	18.13	0.06	63.78	0.674
S2497_19	26.92	0.00	0.00	23.86	2.98	0.01	6.63	0.111
S2497_2	26.92	0.00	0.00	7.56	18.24	0.04	49.13	0.678
S2497_20	26.92	0.00	0.00	10.78	15.10	0.33	306.57	0.561
S2497_21	26.92	0.00	0.00	9.94	15.94	0.05	61.67	0.592
S2497_22	26.92	0.00	0.00	7.64	18.16	0.06	60.31	0.675
S2497_23	26.92	0.00	0.00	25.02	1.81	0.01	7.57	0.067
S2497_24	26.92	0.00	0.00	10.10	15.77	0.07	78.01	0.586
S2497_25	26.92	0.00	0.00	7.40	18.40	0.03	32.48	0.683
S2497_26	26.92	0.00	0.00	10.02	15.86	0.06	69.32	0.589
S2497_27	26.92	0.00	0.00	7.62	18.18	0.05	57.00	0.675
S2497_28	26.92	0.00	0.00	7.29	18.50	0.02	23.78	0.687

S2497_29	26.92	0.00	0.00	7.59	18.20	0.05	53.87	0.676
S2497_3	26.92	0.00	0.00	24.39	2.45	0.01	6.85	0.091
S2497_30	26.92	0.00	0.00	10.06	15.81	0.06	73.76	0.588
S2497_31	26.92	0.00	0.00	7.70	18.09	0.08	70.50	0.672
S2497_32	26.92	0.00	0.00	10.78	15.10	0.25	236.73	0.561
S2497_33	26.92	0.00	0.00	10.09	15.79	0.07	76.36	0.587
S2497_34	26.92	0.00	0.00	26.18	0.66	0.00	1.14	0.024
S2497_35	26.92	0.00	0.00	7.27	18.53	0.02	22.11	0.688
S2497_36	26.92	0.00	0.00	9.66	16.22	0.03	35.50	0.602
S2497_37	26.92	0.00	0.00	10.12	15.76	0.07	79.30	0.586
S2497_38	26.92	0.00	0.00	9.87	16.01	0.04	54.60	0.595
S2497_39	26.92	0.00	0.00	9.92	15.96	0.05	59.01	0.593
S2497_4	26.92	0.00	0.00	7.47	18.33	0.03	38.92	0.681
S2497_40	26.92	0.00	0.00	10.17	15.70	0.08	85.27	0.583
S2497_42	26.92	0.00	0.00	10.37	15.50	0.10	107.35	0.576
S2497_5	26.92	0.00	0.00	9.97	15.90	0.06	64.66	0.591
S2497_6	26.92	0.00	0.00	10.29	15.59	0.17	186.42	0.579
S2497_7	26.92	0.00	0.00	7.68	18.12	0.07	66.66	0.673
S2497_8	26.92	0.00	0.00	26.09	0.74	0.01	8.47	0.028
S2497_9	26.92	0.00	0.00	7.59	18.20	0.05	53.97	0.676
S2499	26.92	0.00	0.00	14.07	12.05	0.01	7.09	0.448
S25	26.92	0.00	0.00	4.83	20.81	0.10	115.65	0.773
S2500	26.92	0.00	0.00	14.10	12.02	0.01	7.01	0.447
S2502	26.92	0.00	0.00	14.04	12.08	0.01	7.32	0.449
S2505	26.92	0.00	0.00	14.29	11.83	0.01	8.23	0.439
S2512	26.92	0.00	0.00	14.67	11.45	0.01	10.89	0.425
S2514	26.92	0.00	0.00	14.13	11.99	0.01	7.33	0.445
S2520	26.92	0.00	0.00	8.53	17.27	0.01	7.86	0.642
S2521	26.92	0.00	0.00	9.77	16.10	0.01	7.15	0.598
S2522	26.92	0.00	0.00	9.79	16.09	0.01	7.08	0.598
S2523	26.92	0.00	0.00	16.52	9.76	0.00	3.92	0.363
S2524	26.92	0.00	0.00	9.86	16.02	0.01	6.83	0.595
S2525	26.92	0.00	0.00	9.78	16.10	0.01	7.11	0.598
S2526	26.92	0.00	0.00	9.76	16.12	0.01	7.21	0.599
S2527	26.92	0.00	0.00	9.75	16.13	0.01	7.24	0.599
S2528	26.92	0.00	0.00	9.75	16.13	0.01	7.25	0.599
S2532	26.92	0.00	0.00	14.28	11.84	0.01	8.09	0.440
S2533	26.92	0.00	0.00	20.79	5.64	0.10	94.95	0.210
S2536	26.92	0.00	0.00	9.87	16.01	0.01	8.09	0.595
S2537	26.92	0.00	0.00	14.12	12.00	0.01	8.69	0.446
S2540	26.92	0.00	0.00	16.94	9.34	0.00	4.99	0.347
S2546	26.92	0.00	0.00	9.97	15.91	0.01	9.77	0.591
S2547	26.92	0.00	0.00	8.66	17.14	0.01	7.22	0.637
S2548	26.92	0.00	0.00	9.76	16.12	0.01	7.20	0.599
S2549	26.92	0.00	0.00	9.78	16.10	0.01	7.12	0.598
S2550	26.92	0.00	0.00	16.51	9.77	0.00	3.94	0.363
S2551	26.92	0.00	0.00	9.83	16.04	0.01	6.92	0.596
S2552	26.92	0.00	0.00	9.78	16.10	0.01	7.12	0.598
S2553	26.92	0.00	0.00	9.69	16.19	0.01	7.53	0.601
S2555	26.92	0.00	0.00	9.69	16.19	0.01	7.54	0.602
S2556	26.92	0.00	0.00	9.75	16.13	0.01	7.24	0.599
S2557	26.92	0.00	0.00	9.71	16.17	0.01	7.44	0.601
S2562	26.92	0.00	0.00	14.12	12.00	0.01	7.38	0.446
S2565	26.92	0.00	0.00	9.81	16.07	0.01	7.14	0.597
S2568	26.92	0.00	0.00	14.26	11.86	0.01	7.57	0.441
S2571	26.92	0.00	0.00	8.61	17.19	0.01	7.41	0.638
S2572	26.92	0.00	0.00	9.75	16.13	0.01	7.27	0.599
S2573	26.92	0.00	0.00	9.74	16.14	0.01	7.28	0.599
S2574	26.92	0.00	0.00	16.93	9.35	0.00	5.00	0.347
S2575	26.92	0.00	0.00	16.73	9.55	0.00	3.59	0.355
S2577	26.92	0.00	0.00	9.78	16.09	0.01	7.11	0.598
S2578	26.92	0.00	0.00	9.77	16.11	0.01	7.18	0.599
S2579	26.92	0.00	0.00	9.74	16.14	0.01	7.31	0.600
S2580	26.92	0.00	0.00	9.72	16.16	0.01	7.40	0.600
S2582	26.92	0.00	0.00	9.75	16.13	0.01	7.25	0.599
S2583	26.92	0.00	0.00	9.73	16.15	0.01	7.34	0.600
S2591	26.92	0.00	0.00	9.86	16.02	0.01	6.94	0.595
S2593	26.92	0.00	0.00	10.67	15.21	0.33	321.21	0.565
S2596	26.92	0.00	0.00	9.89	15.99	0.01	9.34	0.594
S2597	26.92	0.00	0.00	14.11	12.01	0.01	7.42	0.446
S2598	26.92	0.00	0.00	14.38	11.74	0.01	9.13	0.436
S26	26.92	0.00	0.00	2.45	23.02	0.42	366.19	0.855
S2600	26.92	0.00	0.00	8.49	17.31	0.01	8.13	0.643
S2601	26.92	0.00	0.00	9.73	16.15	0.01	7.33	0.600
S2602	26.92	0.00	0.00	9.85	16.03	0.01	6.87	0.595

S2603	26.92	0.00	0.00	16.71	9.57	0.00	3.61	0.355
S2604	26.92	0.00	0.00	16.65	9.62	0.00	3.69	0.358
S2605	26.92	0.00	0.00	9.82	16.06	0.01	6.97	0.596
S2606	26.92	0.00	0.00	9.78	16.10	0.01	7.14	0.598
S2607	26.92	0.00	0.00	9.74	16.14	0.01	7.31	0.600
S2608	26.92	0.00	0.00	9.73	16.15	0.01	7.32	0.600
S2609	26.92	0.00	0.00	9.69	16.19	0.01	7.54	0.602
S2610	26.92	0.00	0.00	9.74	16.14	0.01	7.28	0.599
S2611	26.92	0.00	0.00	9.80	16.08	0.01	7.06	0.597
S2616	26.92	0.00	0.00	14.25	11.87	0.01	7.57	0.441
S2618	26.92	0.00	0.00	9.84	16.04	0.01	7.03	0.596
S2620	26.92	0.00	0.00	8.51	17.29	0.01	7.97	0.642
S2621	26.92	0.00	0.00	9.79	16.09	0.01	7.10	0.598
S2622	26.92	0.00	0.00	9.82	16.06	0.01	6.97	0.597
S2623	26.92	0.00	0.00	16.77	9.51	0.00	3.53	0.353
S2624	26.92	0.00	0.00	16.60	9.68	0.00	3.77	0.359
S2625	26.92	0.00	0.00	9.78	16.10	0.01	7.12	0.598
S2626	26.92	0.00	0.00	9.77	16.11	0.01	7.16	0.598
S2627	26.92	0.00	0.00	9.74	16.14	0.01	7.28	0.599
S2628	26.92	0.00	0.00	9.67	16.21	0.01	7.65	0.602
S2629	26.92	0.00	0.00	9.69	16.19	0.01	7.51	0.601
S2631	26.92	0.00	0.00	9.75	16.13	0.01	7.25	0.599
S2632	26.92	0.00	0.00	9.73	16.15	0.01	7.33	0.600
S2639	26.92	0.00	0.00	9.92	15.96	0.01	9.18	0.593
S2641	26.92	0.00	0.00	14.29	11.82	0.01	8.67	0.439
S2644	26.92	0.00	0.00	14.10	12.02	0.01	7.50	0.447
S2645	26.92	0.00	0.00	14.35	11.77	0.01	8.41	0.437
S2647	26.92	0.00	0.00	14.16	11.96	0.01	7.46	0.444
S2649	26.92	0.00	0.00	9.85	16.03	0.01	6.98	0.595
S2650	26.92	0.00	0.00	14.29	11.83	0.01	8.46	0.439
S2652	26.92	0.00	0.00	8.59	17.21	0.01	7.53	0.639
S2653	26.92	0.00	0.00	9.82	16.06	0.01	6.98	0.597
S2654	26.92	0.00	0.00	9.82	16.06	0.01	6.99	0.597
S2655	26.92	0.00	0.00	16.60	9.68	0.00	3.79	0.360
S2656	26.92	0.00	0.00	16.64	9.64	0.00	3.71	0.358
S2657	26.92	0.00	0.00	9.76	16.12	0.01	7.21	0.599
S2658	26.92	0.00	0.00	14.31	11.81	0.01	8.15	0.439
S2659	26.92	0.00	0.00	9.75	16.13	0.01	7.26	0.599
S2660	26.92	0.00	0.00	9.80	16.08	0.01	7.06	0.597
S2661	26.92	0.00	0.00	9.71	16.17	0.01	7.41	0.601
S2662	26.92	0.00	0.00	9.76	16.12	0.01	7.22	0.599
S2663	26.92	0.00	0.00	9.69	16.19	0.01	7.55	0.602
S2664	26.92	0.00	0.00	9.78	16.10	0.01	7.14	0.598
S2665	26.92	0.00	0.00	14.32	11.80	0.01	7.91	0.438
S2667	26.92	0.00	0.00	14.32	11.80	0.01	8.38	0.438
S2668	26.92	0.00	0.00	14.23	11.89	0.01	8.30	0.442
S2674	26.92	0.00	0.00	9.85	16.03	0.01	7.00	0.596
S2676	26.92	0.00	0.00	8.62	17.18	0.01	7.39	0.638
S2677	26.92	0.00	0.00	9.80	16.08	0.01	7.04	0.597
S2678	26.92	0.00	0.00	9.85	16.03	0.01	6.86	0.595
S2679	26.92	0.00	0.00	16.62	9.66	0.00	3.75	0.359
S2680	26.92	0.00	0.00	16.71	9.57	0.00	3.62	0.356
S2681	26.92	0.00	0.00	9.78	16.10	0.01	7.13	0.598
S2682	26.92	0.00	0.00	9.81	16.07	0.01	7.02	0.597
S2683	26.92	0.00	0.00	9.74	16.14	0.01	7.30	0.600
S2684	26.92	0.00	0.00	9.67	16.21	0.01	7.62	0.602
S2685	26.92	0.00	0.00	9.65	16.23	0.01	7.73	0.603
S2686	26.92	0.00	0.00	9.72	16.16	0.01	7.40	0.600
S2687	26.92	0.00	0.00	9.76	16.12	0.01	7.22	0.599
S2689	26.92	0.00	0.00	9.92	15.96	0.01	9.21	0.593
S2691	26.92	0.00	0.00	14.16	11.96	0.01	7.22	0.444
S2695	26.92	0.00	0.00	14.20	11.92	0.01	7.27	0.443
S2698	26.92	0.00	0.00	8.61	17.19	0.01	7.45	0.639
S2699	26.92	0.00	0.00	9.85	16.03	0.01	6.88	0.596
S27	26.92	0.00	0.00	10.32	15.56	0.03	28.49	0.578
S2700	26.92	0.00	0.00	9.79	16.08	0.01	7.07	0.598
S2701	26.92	0.00	0.00	16.56	9.71	0.00	3.84	0.361
S2702	26.92	0.00	0.00	16.68	9.59	0.00	3.65	0.356
S2703	26.92	0.00	0.00	9.78	16.10	0.01	7.11	0.598
S2704	26.92	0.00	0.00	9.78	16.10	0.01	7.13	0.598
S2705	26.92	0.00	0.00	9.76	16.12	0.01	7.21	0.599
S2708	26.92	0.00	0.00	9.76	16.11	0.01	7.19	0.599
S2709	26.92	0.00	0.00	9.67	16.21	0.01	7.64	0.602
S2710	26.92	0.00	0.00	9.74	16.14	0.01	7.30	0.600
S2711	26.92	0.00	0.00	9.74	16.14	0.01	7.31	0.600

S2712	26.92	0.00	0.00	9.80	16.08	0.01	7.16	0.597
S2714	26.92	0.00	0.00	14.16	11.96	0.01	7.90	0.444
S2717	26.92	0.00	0.00	9.92	15.96	0.01	8.76	0.593
S2718	26.92	0.00	0.00	9.79	16.09	0.01	7.08	0.598
S2719	26.92	0.00	0.00	9.82	16.06	0.01	6.99	0.597
S2720	26.92	0.00	0.00	16.54	9.74	0.00	3.88	0.362
S2721	26.92	0.00	0.00	16.72	9.56	0.00	3.59	0.355
S2722	26.92	0.00	0.00	9.70	16.18	0.01	7.47	0.601
S2723	26.92	0.00	0.00	9.74	16.14	0.01	7.29	0.600
S2724	26.92	0.00	0.00	9.79	16.09	0.01	7.10	0.598
S2725	26.92	0.00	0.00	9.78	16.10	0.01	7.12	0.598
S2726	26.92	0.00	0.00	9.72	16.16	0.01	7.40	0.600
S2727	26.92	0.00	0.00	9.77	16.11	0.01	7.17	0.599
S2728	26.92	0.00	0.00	9.64	16.24	0.01	7.82	0.603
S2730	26.92	0.00	0.00	9.77	16.11	0.01	7.29	0.598
S2732	26.92	0.00	0.00	14.15	11.96	0.01	7.56	0.444
S2733	26.92	0.00	0.00	14.18	11.94	0.01	7.36	0.444
S2739	26.92	0.00	0.00	9.81	16.07	0.01	7.02	0.597
S2740	26.92	0.00	0.00	9.81	16.07	0.01	7.00	0.597
S2741	26.92	0.00	0.00	16.62	9.66	0.00	3.75	0.359
S2742	26.92	0.00	0.00	16.73	9.55	0.00	3.58	0.355
S2743	26.92	0.00	0.00	9.75	16.13	0.01	7.26	0.599
S2744	26.92	0.00	0.00	9.76	16.12	0.01	7.19	0.599
S2745	26.92	0.00	0.00	9.73	16.15	0.01	7.32	0.600
S2746	26.92	0.00	0.00	9.69	16.19	0.01	7.51	0.601
S2747	26.92	0.00	0.00	9.69	16.19	0.01	7.55	0.602
S2748	26.92	0.00	0.00	9.80	16.08	0.01	7.06	0.597
S2749	26.92	0.00	0.00	9.70	16.18	0.01	7.48	0.601
S2750	26.92	0.00	0.00	9.73	16.15	0.01	6.73	0.600
S2755	26.92	0.00	0.00	9.81	16.07	0.01	7.13	0.597
S2760	26.92	0.00	0.00	8.79	17.01	0.02	20.15	0.632
S2761	26.92	0.00	0.00	9.82	16.06	0.01	6.98	0.597
S2762	26.92	0.00	0.00	9.80	16.08	0.01	7.05	0.597
S2763	26.92	0.00	0.00	16.56	9.72	0.00	3.85	0.361
S2764	26.92	0.00	0.00	16.80	9.48	0.00	3.49	0.352
S2765	26.92	0.00	0.00	9.81	16.07	0.01	7.03	0.597
S2766	26.92	0.00	0.00	9.77	16.11	0.01	7.17	0.599
S2767	26.92	0.00	0.00	9.75	16.13	0.01	7.25	0.599
S2768	26.92	0.00	0.00	9.76	16.12	0.01	7.22	0.599
S2769	26.92	0.00	0.00	9.66	16.22	0.01	7.68	0.603
S2770	26.92	0.00	0.00	9.77	16.11	0.01	7.16	0.598
S2771	26.92	0.00	0.00	9.76	16.12	0.01	7.21	0.599
S2772	26.92	0.00	0.00	14.12	12.00	0.01	7.69	0.446
S2773	26.92	0.00	0.00	9.56	16.32	0.01	7.67	0.606
S2774	26.92	0.00	0.00	14.12	12.00	0.01	7.59	0.446
S2776	26.92	0.00	0.00	9.82	16.06	0.01	7.11	0.597
S2780	26.92	0.00	0.00	14.25	11.87	0.01	7.54	0.441
S2781	26.92	0.00	0.00	14.31	11.81	0.01	7.97	0.439
S2782	26.92	0.00	0.00	14.24	11.88	0.01	7.80	0.441
S2783	26.92	0.00	0.00	14.17	11.95	0.01	7.91	0.444
S2784	26.92	0.00	0.00	14.19	11.93	0.01	7.58	0.443
S2785	26.92	0.00	0.00	14.24	11.88	0.01	7.14	0.441
S2786	26.92	0.00	0.00	14.23	11.89	0.01	7.52	0.442
S2787	26.92	0.00	0.00	9.78	16.10	0.01	7.11	0.598
S2788	26.92	0.00	0.00	9.76	16.11	0.01	7.19	0.599
S2789	26.92	0.00	0.00	16.68	9.60	0.00	3.65	0.357
S2790	26.92	0.00	0.00	16.84	9.44	0.00	3.44	0.351
S2791	26.92	0.00	0.00	9.73	16.15	0.01	7.32	0.600
S2792	26.92	0.00	0.00	9.73	16.15	0.01	7.36	0.600
S2793	26.92	0.00	0.00	9.79	16.09	0.01	7.07	0.598
S2794	26.92	0.00	0.00	9.80	16.08	0.01	7.05	0.597
S2795	26.92	0.00	0.00	9.75	16.13	0.01	7.23	0.599
S2797	26.92	0.00	0.00	9.84	16.04	0.01	6.91	0.596
S2798	26.92	0.00	0.00	9.75	16.13	0.01	7.26	0.599
S28	26.92	0.00	0.00	10.99	14.89	0.10	89.05	0.553
S2803	26.92	0.00	0.00	9.77	16.10	0.01	6.57	0.598
S2804	26.92	0.00	0.00	9.82	16.06	0.01	7.10	0.597
S2809	26.92	0.00	0.00	9.76	16.12	0.01	7.21	0.599
S2810	26.92	0.00	0.00	9.80	16.08	0.01	7.04	0.597
S2811	26.92	0.00	0.00	16.69	9.58	0.00	3.63	0.356
S2812	26.92	0.00	0.00	16.84	9.44	0.00	3.44	0.351
S2813	26.92	0.00	0.00	9.77	16.11	0.01	7.17	0.598
S2814	26.92	0.00	0.00	9.78	16.10	0.01	7.14	0.598
S2815	26.92	0.00	0.00	9.80	16.08	0.01	7.05	0.597
S2816	26.92	0.00	0.00	9.78	16.09	0.01	7.11	0.598

S2817	26.92	0.00	0.00	9.70	16.18	0.01	7.49	0.601
S2819	26.92	0.00	0.00	9.70	16.18	0.01	7.49	0.601
S2820	26.92	0.00	0.00	9.69	16.19	0.01	7.55	0.602
S2821	26.92	0.00	0.00	14.11	12.01	0.01	7.75	0.446
S2823	26.92	0.00	0.00	9.79	16.09	0.01	6.51	0.598
S2825	26.92	0.00	0.00	9.81	16.07	0.01	7.14	0.597
S2826	26.92	0.00	0.00	14.14	11.98	0.01	7.93	0.445
S2828	26.92	0.00	0.00	9.78	16.10	0.01	7.12	0.598
S2829	26.92	0.00	0.00	9.74	16.14	0.01	7.28	0.599
S2830	26.92	0.00	0.00	16.65	9.63	0.00	3.70	0.358
S2831	26.92	0.00	0.00	16.83	9.45	0.00	3.45	0.351
S2832	26.92	0.00	0.00	9.75	16.13	0.01	7.26	0.599
S2833	26.92	0.00	0.00	9.77	16.11	0.01	7.16	0.598
S2834	26.92	0.00	0.00	9.79	16.09	0.01	7.08	0.598
S2835	26.92	0.00	0.00	9.76	16.12	0.01	7.21	0.599
S2836	26.92	0.00	0.00	9.65	16.23	0.01	7.76	0.603
S2837	26.92	0.00	0.00	9.66	16.22	0.01	7.68	0.602
S2838	26.92	0.00	0.00	9.74	16.14	0.01	7.30	0.600
S2849	26.92	0.00	0.00	9.80	16.08	0.01	6.45	0.597
S2850	26.92	0.00	0.00	9.75	16.12	0.01	7.35	0.599
S2853	26.92	0.00	0.00	9.77	16.11	0.01	7.18	0.599
S2854	26.92	0.00	0.00	9.83	16.05	0.01	6.93	0.596
S2855	26.92	0.00	0.00	16.58	9.70	0.00	3.81	0.360
S2856	26.92	0.00	0.00	16.76	9.51	0.00	3.53	0.353
S2858	26.92	0.00	0.00	9.81	16.07	0.01	7.00	0.597
S2859	26.92	0.00	0.00	9.79	16.09	0.01	7.10	0.598
S2860	26.92	0.00	0.00	9.77	16.11	0.01	7.15	0.598
S2861	26.92	0.00	0.00	9.73	16.15	0.01	7.32	0.600
S2862	26.92	0.00	0.00	9.75	16.13	0.01	7.26	0.599
S2863	26.92	0.00	0.00	9.75	16.13	0.01	7.27	0.599
S2864	26.92	0.00	0.00	9.78	16.09	0.01	7.11	0.598
S2880	26.92	0.00	0.00	9.81	16.07	0.01	6.42	0.597
S2881	26.92	0.00	0.00	9.75	16.13	0.01	7.38	0.599
S2882	26.92	0.00	0.00	9.05	16.75	0.03	29.76	0.622
S2883	26.92	0.00	0.00	9.77	16.11	0.01	7.16	0.598
S2884	26.92	0.00	0.00	9.83	16.05	0.01	6.93	0.596
S2885	26.92	0.00	0.00	9.96	15.92	0.01	6.55	0.592
S2886	26.92	0.00	0.00	9.73	16.15	0.01	7.32	0.600
S2887	26.92	0.00	0.00	9.76	16.12	0.01	7.23	0.599
S2888	26.92	0.00	0.00	9.83	16.05	0.01	6.96	0.596
S2889	26.92	0.00	0.00	9.70	16.18	0.01	7.47	0.601
S2890	26.92	0.00	0.00	9.70	16.18	0.01	7.47	0.601
S2891	26.92	0.00	0.00	9.70	16.18	0.01	7.47	0.601
S2892	26.92	0.00	0.00	9.76	16.11	0.01	7.19	0.599
S2898	26.92	0.00	0.00	4.65	20.99	0.01	8.73	0.780
S2899	26.92	0.00	0.00	8.59	17.20	0.01	7.51	0.639
S29	26.92	0.00	0.00	20.86	5.58	0.04	40.80	0.207
S2900	26.92	0.00	0.00	9.75	16.13	0.01	7.26	0.599
S2901	26.92	0.00	0.00	9.78	16.10	0.01	7.13	0.598
S2903	26.92	0.00	0.00	10.00	15.88	0.01	6.43	0.590
S2904	26.92	0.00	0.00	9.77	16.11	0.01	7.16	0.598
S2905	26.92	0.00	0.00	9.80	16.07	0.01	7.03	0.597
S2906	26.92	0.00	0.00	9.73	16.15	0.01	7.35	0.600
S2907	26.92	0.00	0.00	9.77	16.11	0.01	7.17	0.599
S2908	26.92	0.00	0.00	9.76	16.12	0.01	7.19	0.599
S2909	26.92	0.00	0.00	9.68	16.20	0.01	7.59	0.602
S2910	26.92	0.00	0.00	9.74	16.14	0.01	7.30	0.600
S2915	26.92	0.00	0.00	4.72	20.92	0.01	8.46	0.777
S2916	26.92	0.00	0.00	8.61	17.19	0.01	7.45	0.639
S2917	26.92	0.00	0.00	9.82	16.06	0.01	6.97	0.597
S2918	26.92	0.00	0.00	9.83	16.05	0.01	6.95	0.596
S2919	26.92	0.00	0.00	10.06	15.82	0.01	6.30	0.588
S2920	26.92	0.00	0.00	9.85	16.02	0.01	6.85	0.595
S2921	26.92	0.00	0.00	9.82	16.06	0.01	6.99	0.597
S2922	26.92	0.00	0.00	9.81	16.07	0.01	7.00	0.597
S2923	26.92	0.00	0.00	9.77	16.11	0.01	7.18	0.599
S2924	26.92	0.00	0.00	9.76	16.12	0.01	7.22	0.599
S2925	26.92	0.00	0.00	9.68	16.20	0.01	7.60	0.602
S2926	26.92	0.00	0.00	9.75	16.13	0.01	7.26	0.599
S2928	26.92	0.00	0.00	14.48	11.63	0.01	9.22	0.432
S2929	26.92	0.00	0.00	14.46	11.65	0.01	9.47	0.433
S2939	26.92	0.00	0.00	4.72	20.92	0.01	8.45	0.777
S2940	26.92	0.00	0.00	4.76	20.88	0.01	9.19	0.776
S2941	26.92	0.00	0.00	9.86	16.02	0.01	6.84	0.595
S2942	26.92	0.00	0.00	12.51	13.36	8.39	3661.95	0.496

S2943	26.92	0.00	0.00	9.78	16.10	0.01	7.11	0.598
S2944	26.92	0.00	0.00	9.91	15.97	0.01	6.67	0.593
S2945	26.92	0.00	0.00	9.87	16.01	0.01	6.82	0.595
S2946	26.92	0.00	0.00	9.79	16.08	0.01	7.07	0.598
S2947	26.92	0.00	0.00	9.80	16.08	0.01	7.05	0.597
S2949	26.92	0.00	0.00	9.80	16.08	0.01	7.06	0.597
S2950	26.92	0.00	0.00	9.77	16.11	0.01	7.17	0.599
S2951	26.92	0.00	0.00	9.71	16.17	0.01	7.41	0.601
S2952	26.92	0.00	0.00	9.75	16.13	0.01	7.26	0.599
S2953	26.92	0.00	0.00	19.37	7.07	0.18	199.60	0.263
S2955	26.92	0.00	0.00	18.80	7.64	0.11	127.98	0.284
S2961	26.92	0.00	0.00	14.56	11.56	0.01	11.04	0.429
S2962	26.92	0.00	0.00	14.21	11.91	0.01	7.99	0.442
S2963	26.92	0.00	0.00	14.16	11.96	0.01	7.38	0.444
S2964	26.92	0.00	0.00	14.22	11.90	0.01	7.32	0.442
S2965	26.92	0.00	0.00	14.15	11.97	0.01	7.66	0.445
S2966	26.92	0.00	0.00	14.18	11.94	0.01	7.52	0.444
S2967	26.92	0.00	0.00	14.21	11.91	0.01	7.40	0.442
S2968	26.92	0.00	0.00	14.15	11.97	0.01	7.72	0.445
S2969	26.92	0.00	0.00	14.19	11.93	0.01	7.51	0.443
S2970	26.92	0.00	0.00	14.24	11.88	0.01	7.32	0.441
S2971	26.92	0.00	0.00	14.20	11.92	0.01	7.45	0.443
S2972	26.92	0.00	0.00	14.30	11.82	0.01	7.76	0.439
S2973	26.92	0.00	0.00	14.66	11.46	0.01	10.13	0.426
S2974	26.92	0.00	0.00	25.20	1.64	0.00	2.60	0.061
S2975	26.92	0.00	0.00	5.18	20.44	0.88	529.30	0.759
S2977	26.92	0.00	0.00	11.81	14.06	2.99	1918.63	0.522
S2980	26.92	0.00	0.00	16.41	9.87	0.01	7.87	0.367
S2981	26.92	0.00	0.00	16.91	9.37	0.01	9.10	0.348
S2982	26.92	0.00	0.00	20.64	5.80	0.14	128.01	0.215
S2983	26.92	0.00	0.00	16.83	9.45	0.01	6.03	0.351
S2984	26.92	0.00	0.00	16.68	9.60	0.01	5.97	0.357
S2985	26.92	0.00	0.00	16.77	9.51	0.01	6.10	0.353
S2986	26.92	0.00	0.00	10.28	15.60	0.02	18.06	0.580
S2987	26.92	0.00	0.00	4.68	20.96	0.01	8.60	0.779
S2988	26.92	0.00	0.00	16.90	9.37	0.01	6.61	0.348
S2989	26.92	0.00	0.00	4.76	20.88	0.01	9.19	0.776
S2991	26.92	0.00	0.00	9.89	15.99	0.01	6.74	0.594
S2992	26.92	0.00	0.00	9.80	16.08	0.01	7.04	0.597
S2993	26.92	0.00	0.00	16.91	9.37	0.01	7.43	0.348
S2997	26.92	0.00	0.00	9.75	16.13	0.01	7.24	0.599
S2998	26.92	0.00	0.00	17.03	9.25	0.01	8.01	0.344
S2999	26.92	0.00	0.00	9.83	16.05	0.01	6.95	0.596
S3	26.92	0.00	0.00	7.65	18.14	0.07	67.21	0.674
S30	26.92	0.00	0.00	17.81	8.47	0.11	98.83	0.315
S3000	26.92	0.00	0.00	9.73	16.15	0.01	7.32	0.600
S3001	26.92	0.00	0.00	9.73	16.15	0.01	7.35	0.600
S3002	26.92	0.00	0.00	9.78	16.10	0.01	7.14	0.598
S3003	26.92	0.00	0.00	9.69	16.19	0.01	7.53	0.601
S3004	26.92	0.00	0.00	9.69	16.19	0.01	7.53	0.601
S3005	26.92	0.00	0.00	9.74	16.14	0.01	7.29	0.600
S3006	26.92	0.00	0.00	10.33	15.55	0.05	52.14	0.578
S3027	26.92	0.00	0.00	13.21	12.91	0.00	5.44	0.480
S3029	26.92	0.00	0.00	13.26	12.86	0.01	6.16	0.478
S3033	26.92	0.00	0.00	10.33	15.55	0.02	18.81	0.578
S3035	26.92	0.00	0.00	13.33	12.78	0.00	5.40	0.475
S3036	26.92	0.00	0.00	13.17	12.95	0.01	10.64	0.481
S3037	26.92	0.00	0.00	13.27	12.85	0.00	5.36	0.478
S3038	26.92	0.00	0.00	17.38	8.97	0.01	8.65	0.333
S3041	26.92	0.00	0.00	10.63	15.25	0.02	17.19	0.566
S3045	26.92	0.00	0.00	13.30	12.82	0.00	5.45	0.476
S3048	26.92	0.00	0.00	13.24	12.88	0.00	5.39	0.478
S3049	26.92	0.00	0.00	10.04	15.84	0.01	16.48	0.588
S3053	26.92	0.00	0.00	18.20	8.07	0.01	5.87	0.300
S3054	26.92	0.00	0.00	18.22	8.06	0.01	5.93	0.299
S3055	26.92	0.00	0.00	13.12	13.00	0.01	9.67	0.483
S3056	26.92	0.00	0.00	17.27	9.09	0.01	7.32	0.338
S3057	26.92	0.00	0.00	13.15	12.97	0.00	5.69	0.482
S3059	26.92	0.00	0.00	13.43	12.69	0.01	12.25	0.472
S3060	26.92	0.00	0.00	17.47	8.89	0.01	9.94	0.330
S3061	26.92	0.00	0.00	16.93	9.43	0.01	7.01	0.350
S3062	26.92	0.00	0.00	16.89	9.47	0.01	7.13	0.352
S3064	26.92	0.00	0.00	6.28	19.36	0.04	42.58	0.719
S3065	26.92	0.00	0.00	13.29	12.83	0.00	5.33	0.477
S3066	26.92	0.00	0.00	16.81	9.54	0.01	7.33	0.355

S3067	26.92	0.00	0.00	16.93	9.43	0.01	7.01	0.350
S3068	26.92	0.00	0.00	16.83	9.53	0.01	7.29	0.354
S3069	26.92	0.00	0.00	14.53	11.59	0.03	26.96	0.430
S3071	26.92	0.00	0.00	16.83	9.52	0.01	7.29	0.354
S3072	26.92	0.00	0.00	16.88	9.48	0.01	7.16	0.352
S3073	26.92	0.00	0.00	16.96	9.40	0.01	6.96	0.349
S3074	26.92	0.00	0.00	17.16	9.20	0.01	8.09	0.342
S3075	26.92	0.00	0.00	16.94	9.41	0.01	6.99	0.350
S3076	26.92	0.00	0.00	16.91	9.45	0.01	7.09	0.351
S3077	26.92	0.00	0.00	16.87	9.49	0.01	7.19	0.353
S3078	26.92	0.00	0.00	16.99	9.37	0.01	6.88	0.348
S3079	26.92	0.00	0.00	17.00	9.36	0.01	6.87	0.348
S3080	26.92	0.00	0.00	13.52	12.59	0.01	11.99	0.468
S3081	26.92	0.00	0.00	6.26	19.38	0.03	31.92	0.720
S3082	26.92	0.00	0.00	7.94	17.84	0.14	61.47	0.663
S3083	26.92	0.00	0.00	15.76	10.36	0.03	22.86	0.385
S3084	26.92	0.00	0.00	5.02	20.61	0.36	341.39	0.766
S3086	26.92	0.00	0.00	14.16	11.96	0.02	25.32	0.444
S3090	26.92	0.00	0.00	13.51	12.60	0.01	16.38	0.468
S3096	26.92	0.00	0.00	13.21	12.91	0.00	5.58	0.479
S31	26.92	0.00	0.00	10.47	15.41	0.06	59.31	0.572
S3100	26.92	0.00	0.00	10.79	15.09	0.08	78.03	0.560
S3103	26.92	0.00	0.00	13.27	12.85	0.00	5.35	0.477
S3104	26.92	0.00	0.00	6.33	19.31	0.06	60.39	0.717
S3105	26.92	0.00	0.00	9.68	16.11	0.06	45.17	0.599
S3106	26.92	0.00	0.00	17.24	9.12	0.01	7.38	0.339
S3107	26.92	0.00	0.00	13.11	13.01	0.01	9.64	0.483
S3108	26.92	0.00	0.00	6.33	19.30	0.05	48.44	0.717
S3109	26.92	0.00	0.00	17.79	8.57	0.01	9.65	0.318
S3110	26.92	0.00	0.00	13.17	12.95	0.00	5.64	0.481
S3113	26.92	0.00	0.00	10.05	15.83	0.01	16.43	0.588
S3114	26.92	0.00	0.00	17.01	9.27	0.01	10.15	0.344
S3116	26.92	0.00	0.00	13.16	12.96	0.00	5.53	0.482
S3117	26.92	0.00	0.00	19.14	7.14	0.06	52.53	0.265
S3118	26.92	0.00	0.00	14.04	12.07	0.02	24.20	0.449
S3125	26.92	0.00	0.00	13.13	12.99	0.00	5.73	0.483
S3130	26.92	0.00	0.00	17.30	9.06	0.01	7.27	0.337
S3133	26.92	0.00	0.00	16.48	9.80	0.01	6.19	0.364
S3134	26.92	0.00	0.00	13.13	12.99	0.01	9.60	0.483
S3135	26.92	0.00	0.00	13.24	12.88	0.00	5.40	0.478
S3137	26.92	0.00	0.00	13.27	12.85	0.00	5.49	0.477
S3138	26.92	0.00	0.00	17.67	8.69	0.01	9.87	0.323
S3142	26.92	0.00	0.00	11.34	14.53	0.06	44.47	0.540
S3143	26.92	0.00	0.00	4.97	20.66	0.12	125.41	0.768
S3144	26.92	0.00	0.00	13.26	12.86	0.00	5.35	0.478
S3145	26.92	0.00	0.00	13.30	12.82	0.00	5.46	0.476
S3146	26.92	0.00	0.00	17.25	9.11	0.01	7.36	0.338
S3151	26.92	0.00	0.00	16.59	9.69	0.01	8.59	0.360
S3152	26.92	0.00	0.00	17.36	8.99	0.01	11.76	0.334
S3153	26.92	0.00	0.00	16.52	9.76	0.01	6.11	0.363
S3154	26.92	0.00	0.00	17.69	8.67	0.01	14.18	0.322
S3155	26.92	0.00	0.00	17.64	8.72	0.01	13.27	0.324
S3156	26.92	0.00	0.00	17.34	9.02	0.01	10.23	0.335
S3157	26.92	0.00	0.00	16.97	9.39	0.01	6.92	0.349
S3158	26.92	0.00	0.00	16.95	9.40	0.01	6.96	0.349
S3159	26.92	0.00	0.00	16.94	9.42	0.01	6.99	0.350
S3160	26.92	0.00	0.00	16.94	9.41	0.01	6.98	0.350
S3161	26.92	0.00	0.00	16.91	9.45	0.01	7.06	0.351
S3162	26.92	0.00	0.00	16.93	9.43	0.01	7.02	0.350
S3163	26.92	0.00	0.00	16.92	9.44	0.01	7.04	0.351
S3164	26.92	0.00	0.00	16.94	9.41	0.01	6.98	0.350
S3165	26.92	0.00	0.00	17.15	9.21	0.01	7.90	0.342
S3166	26.92	0.00	0.00	17.05	9.31	0.01	6.76	0.346
S3167	26.92	0.00	0.00	16.98	9.38	0.01	6.91	0.349
S3168	26.92	0.00	0.00	16.96	9.40	0.01	6.95	0.349
S3169	26.92	0.00	0.00	16.94	9.42	0.01	7.00	0.350
S3170	26.92	0.00	0.00	17.03	9.33	0.01	6.79	0.347
S3171	26.92	0.00	0.00	13.24	12.88	0.00	5.38	0.478
S3172	26.92	0.00	0.00	10.04	15.84	0.02	17.58	0.589
S3173	26.92	0.00	0.00	13.35	12.77	0.00	5.39	0.475
S3174	26.92	0.00	0.00	6.72	18.92	0.05	39.94	0.703
S3176	26.92	0.00	0.00	6.45	19.19	0.07	60.26	0.713
S3177	26.92	0.00	0.00	6.41	19.23	0.08	71.44	0.714
S3178	26.92	0.00	0.00	10.83	15.05	0.07	65.02	0.559
S3179	26.92	0.00	0.00	13.32	12.79	0.01	12.00	0.475

S3184	26.92	0.00	0.00	13.56	12.56	0.01	11.91	0.467
S3185	26.92	0.00	0.00	13.56	12.56	0.01	11.91	0.467
S3186	26.92	0.00	0.00	13.43	12.69	0.01	12.16	0.471
S3187	26.92	0.00	0.00	13.36	12.76	0.01	11.84	0.474
S3188	26.92	0.00	0.00	13.27	12.85	0.00	5.34	0.477
S3189	26.92	0.00	0.00	13.25	12.87	0.00	5.55	0.478
S3190	26.92	0.00	0.00	17.24	9.12	0.01	7.37	0.339
S3191	26.92	0.00	0.00	18.35	8.01	0.02	17.13	0.297
S3192	26.92	0.00	0.00	14.52	11.59	0.04	40.41	0.431
S3193	26.92	0.00	0.00	10.63	15.25	0.05	50.66	0.566
S3195	26.92	0.00	0.00	16.65	9.63	0.01	5.75	0.358
S3197	26.92	0.00	0.00	6.49	19.15	0.08	70.92	0.711
S32	26.92	0.00	0.00	19.77	6.51	2.45	1783.84	0.242
S3200	26.92	0.00	0.00	17.30	9.05	0.01	7.25	0.336
S3202	26.92	0.00	0.00	13.18	12.94	0.00	6.10	0.481
S3203	26.92	0.00	0.00	14.04	12.08	0.02	23.79	0.449
S3205	26.92	0.00	0.00	16.58	9.70	0.01	5.76	0.360
S3208	26.92	0.00	0.00	16.93	9.43	0.01	7.01	0.350
S3209	26.92	0.00	0.00	13.05	13.07	0.01	7.97	0.485
S3210	26.92	0.00	0.00	13.31	12.80	0.01	6.10	0.476
S3213	26.92	0.00	0.00	4.98	20.65	0.10	102.86	0.767
S3216	26.92	0.00	0.00	17.36	9.00	0.01	8.12	0.334
S3217	26.92	0.00	0.00	11.61	14.26	0.10	66.86	0.530
S3218	26.92	0.00	0.00	19.27	7.01	0.02	15.38	0.260
S3219	26.92	0.00	0.00	17.13	9.23	0.01	7.97	0.343
S3220	26.92	0.00	0.00	13.87	12.25	0.02	22.71	0.455
S3221	26.92	0.00	0.00	10.63	15.25	0.05	50.65	0.566
S3223	26.92	0.00	0.00	17.09	9.27	0.01	8.51	0.344
S3224	26.92	0.00	0.00	13.17	12.95	0.01	6.35	0.481
S3226	26.92	0.00	0.00	16.99	9.37	0.01	8.45	0.348
S3227	26.92	0.00	0.00	16.48	9.80	0.01	6.02	0.364
S3229	26.92	0.00	0.00	16.98	9.38	0.01	7.73	0.348
S3230	26.92	0.00	0.00	16.84	9.51	0.01	7.24	0.353
S3231	26.92	0.00	0.00	16.97	9.39	0.01	8.11	0.349
S3232	26.92	0.00	0.00	6.34	19.30	0.06	54.70	0.717
S3233	26.92	0.00	0.00	16.99	9.37	0.01	8.43	0.348
S3234	26.92	0.00	0.00	12.99	13.13	0.01	7.18	0.488
S3236	26.92	0.00	0.00	6.28	19.35	0.05	46.34	0.719
S3237	26.92	0.00	0.00	17.07	9.29	0.01	8.43	0.345
S3239	26.92	0.00	0.00	16.86	9.50	0.01	8.23	0.353
S3240	26.92	0.00	0.00	17.43	8.93	0.01	7.98	0.332
S3242	26.92	0.00	0.00	17.16	9.20	0.01	6.54	0.342
S3243	26.92	0.00	0.00	17.20	9.16	0.01	7.45	0.340
S3244	26.92	0.00	0.00	17.31	9.05	0.01	10.30	0.336
S3245	26.92	0.00	0.00	16.91	9.45	0.01	7.07	0.351
S3246	26.92	0.00	0.00	6.10	19.54	0.04	41.86	0.726
S3247	26.92	0.00	0.00	16.99	9.37	0.01	6.87	0.348
S3248	26.92	0.00	0.00	16.98	9.38	0.01	6.89	0.348
S3249	26.92	0.00	0.00	16.87	9.49	0.01	7.17	0.352
S3250	26.92	0.00	0.00	17.02	9.34	0.01	6.81	0.347
S3252	26.92	0.00	0.00	17.05	9.30	0.01	6.73	0.346
S3253	26.92	0.00	0.00	16.99	9.37	0.01	6.88	0.348
S3254	26.92	0.00	0.00	16.99	9.37	0.01	6.87	0.348
S3255	26.92	0.00	0.00	17.17	9.19	0.01	7.58	0.341
S3256	26.92	0.00	0.00	16.91	9.45	0.01	7.07	0.351
S3257	26.92	0.00	0.00	16.87	9.49	0.01	7.16	0.352
S3258	26.92	0.00	0.00	16.93	9.43	0.01	7.02	0.350
S3259	26.92	0.00	0.00	16.93	9.43	0.01	7.03	0.350
S3260	26.92	0.00	0.00	16.84	9.52	0.01	7.28	0.354
S3262	26.92	0.00	0.00	10.82	15.05	0.02	21.57	0.559
S3263	26.92	0.00	0.00	10.28	15.60	0.01	13.14	0.580
S3264	26.92	0.00	0.00	10.28	15.60	0.01	13.14	0.580
S3265	26.92	0.00	0.00	10.28	15.60	0.01	13.14	0.580
S3266	26.92	0.00	0.00	10.28	15.60	0.01	13.14	0.580
S3267	26.92	0.00	0.00	10.58	15.30	0.02	17.74	0.568
S3268	26.92	0.00	0.00	10.58	15.30	0.02	17.80	0.568
S3269	26.92	0.00	0.00	16.38	9.90	0.01	6.34	0.368
S3270	26.92	0.00	0.00	17.00	9.36	0.01	6.86	0.348
S3272	26.92	0.00	0.00	13.01	13.11	0.01	7.13	0.487
S3275	26.92	0.00	0.00	17.43	8.93	0.01	7.98	0.332
S3276	26.92	0.00	0.00	17.05	9.31	0.01	6.76	0.346
S3277	26.92	0.00	0.00	17.21	9.14	0.01	7.43	0.340
S3280	26.92	0.00	0.00	14.46	11.66	0.04	41.24	0.433
S3281	26.92	0.00	0.00	10.63	15.25	0.05	50.64	0.567
S3283	26.92	0.00	0.00	14.19	11.93	0.02	17.31	0.443

S3285	26.92	0.00	0.00	16.43	9.85	0.01	6.17	0.366
S3286	26.92	0.00	0.00	17.01	9.35	0.01	6.83	0.347
S3289	26.92	0.00	0.00	17.19	9.17	0.01	8.62	0.341
S3291	26.92	0.00	0.00	17.37	8.98	0.01	8.53	0.334
S3292	26.92	0.00	0.00	17.09	9.27	0.01	6.68	0.345
S3293	26.92	0.00	0.00	17.31	9.05	0.01	7.24	0.336
S3294	26.92	0.00	0.00	17.22	9.14	0.01	8.51	0.340
S3298	26.92	0.00	0.00	17.16	9.19	0.01	8.08	0.342
S33	26.92	0.00	0.00	10.51	15.37	0.04	37.16	0.571
S33_1	26.92	0.00	0.00	7.30	18.50	0.03	31.26	0.687
S33_10	26.92	0.00	0.00	13.70	12.42	0.04	44.97	0.461
S33_11	26.92	0.00	0.00	14.60	11.52	0.13	129.78	0.428
S33_12	26.92	0.00	0.00	7.20	18.60	0.02	22.58	0.691
S33_13	26.92	0.00	0.00	14.37	11.74	0.14	150.33	0.436
S33_14	26.92	0.00	0.00	7.70	18.10	0.10	89.70	0.672
S33_15	26.92	0.00	0.00	14.72	11.39	0.14	143.30	0.423
S33_16	26.92	0.00	0.00	12.26	13.86	0.01	17.22	0.515
S33_17	26.92	0.00	0.00	14.23	11.89	0.09	94.68	0.442
S33_18	26.92	0.00	0.00	14.27	11.85	0.13	137.30	0.440
S33_19	26.92	0.00	0.00	14.05	12.07	0.10	111.61	0.449
S33_2	26.92	0.00	0.00	15.05	11.07	0.27	257.20	0.411
S33_20	26.92	0.00	0.00	14.76	11.36	0.21	206.18	0.422
S33_21	26.92	0.00	0.00	7.45	18.35	0.04	47.27	0.682
S33_22	26.92	0.00	0.00	7.45	18.34	0.04	48.10	0.682
S33_23	26.92	0.00	0.00	14.39	11.73	0.14	152.53	0.436
S33_24	26.92	0.00	0.00	14.14	11.98	0.08	86.98	0.445
S33_25	26.92	0.00	0.00	13.41	12.71	0.04	48.64	0.472
S33_26	26.92	0.00	0.00	13.47	12.65	0.02	25.77	0.470
S33_27	26.92	0.00	0.00	7.36	18.43	0.03	37.68	0.685
S33_28	26.92	0.00	0.00	13.35	12.77	0.03	37.57	0.475
S33_29	26.92	0.00	0.00	13.15	12.97	0.02	29.01	0.482
S33_3	26.92	0.00	0.00	13.18	12.94	0.02	30.21	0.481
S33_30	26.92	0.00	0.00	12.14	13.98	0.01	13.72	0.519
S33_31	26.92	0.00	0.00	13.29	12.83	0.03	35.08	0.477
S33_32	26.92	0.00	0.00	13.91	12.21	0.07	83.78	0.454
S33_33	26.92	0.00	0.00	14.23	11.89	0.10	112.99	0.442
S33_34	26.92	0.00	0.00	7.57	18.23	0.06	65.26	0.677
S33_35	26.92	0.00	0.00	7.47	18.32	0.04	50.77	0.681
S33_36	26.92	0.00	0.00	13.58	12.54	0.05	59.56	0.466
S33_37	26.92	0.00	0.00	13.77	12.35	0.06	72.41	0.459
S33_38	26.92	0.00	0.00	13.96	12.16	0.08	88.07	0.452
S33_39	26.92	0.00	0.00	13.57	12.55	0.02	28.90	0.466
S33_4	26.92	0.00	0.00	25.87	0.97	0.09	57.13	0.036
S33_5	26.92	0.00	0.00	7.52	18.28	0.05	57.54	0.679
S33_6	26.92	0.00	0.00	26.49	0.35	0.11	59.39	0.013
S33_7	26.92	0.00	0.00	7.89	17.90	0.12	71.66	0.665
S33_8	26.92	0.00	0.00	14.51	11.61	0.16	168.53	0.431
S33_9	26.92	0.00	0.00	7.65	18.15	0.08	80.18	0.674
S3300	26.92	0.00	0.00	16.62	9.66	0.01	6.35	0.359
S3301	26.92	0.00	0.00	16.54	9.74	0.01	5.86	0.362
S3306	26.92	0.00	0.00	17.22	9.13	0.01	8.50	0.339
S3308	26.92	0.00	0.00	17.30	9.06	0.01	8.88	0.337
S3309	26.92	0.00	0.00	17.38	8.98	0.01	9.23	0.334
S3310	26.92	0.00	0.00	13.41	12.71	0.01	15.07	0.472
S3311	26.92	0.00	0.00	13.06	13.06	0.01	10.09	0.485
S3313	26.92	0.00	0.00	13.14	12.98	0.01	9.83	0.482
S3314	26.92	0.00	0.00	13.08	13.04	0.01	10.03	0.484
S3315	26.92	0.00	0.00	13.09	13.03	0.01	9.98	0.484
S3316	26.92	0.00	0.00	13.09	13.03	0.01	10.00	0.484
S3317	26.92	0.00	0.00	13.12	12.99	0.01	9.88	0.483
S3318	26.92	0.00	0.00	13.12	13.00	0.01	9.90	0.483
S3319	26.92	0.00	0.00	13.00	13.12	0.01	10.34	0.488
S3320	26.92	0.00	0.00	13.27	12.84	0.01	10.72	0.477
S3321	26.92	0.00	0.00	13.15	12.97	0.01	9.81	0.482
S3322	26.92	0.00	0.00	13.06	13.06	0.00	5.05	0.485
S3323	26.92	0.00	0.00	12.93	13.19	0.00	4.26	0.490
S3324	26.92	0.00	0.00	12.95	13.17	0.00	4.21	0.489
S3325	26.92	0.00	0.00	12.91	13.21	0.00	4.29	0.491
S3326	26.92	0.00	0.00	13.05	13.07	0.00	5.05	0.486
S3327	26.92	0.00	0.00	13.08	13.04	0.00	4.99	0.484
S3329	26.92	0.00	0.00	17.32	9.04	0.01	9.24	0.336
S3330	26.92	0.00	0.00	12.93	13.19	0.00	4.24	0.490
S3331	26.92	0.00	0.00	13.73	12.39	0.02	18.89	0.460
S3332	26.92	0.00	0.00	10.57	15.31	0.02	17.65	0.569
S3333	26.92	0.00	0.00	12.93	13.19	0.00	4.25	0.490

S3334	26.92	0.00	0.00	10.58	15.30	0.02	17.77	0.568
S3335	26.92	0.00	0.00	10.28	15.60	0.01	13.14	0.580
S3336	26.92	0.00	0.00	10.28	15.60	0.01	13.14	0.580
S3337	26.92	0.00	0.00	13.05	13.07	0.00	5.07	0.486
S3338	26.92	0.00	0.00	10.28	15.60	0.01	13.14	0.580
S3339	26.92	0.00	0.00	10.58	15.30	0.02	17.74	0.568
S3340	26.92	0.00	0.00	10.58	15.30	0.02	17.81	0.568
S3341	26.92	0.00	0.00	11.23	14.65	0.03	27.78	0.544
S3342	26.92	0.00	0.00	10.49	15.39	0.02	16.40	0.572
S3344	26.92	0.00	0.00	17.55	8.81	0.01	9.16	0.327
S3346	26.92	0.00	0.00	17.20	9.16	0.01	7.36	0.340
S3348	26.92	0.00	0.00	17.34	9.01	0.01	8.21	0.335
S3350	26.92	0.00	0.00	18.66	7.62	0.02	18.86	0.283
S3352	26.92	0.00	0.00	14.57	11.54	0.04	39.79	0.429
S3353	26.92	0.00	0.00	4.96	20.67	0.07	74.82	0.768
S3355	26.92	0.00	0.00	16.52	9.75	0.01	5.88	0.362
S3356	26.92	0.00	0.00	17.43	8.93	0.01	8.56	0.332
S3357	26.92	0.00	0.00	16.47	9.81	0.01	6.13	0.364
S3364	26.92	0.00	0.00	16.52	9.76	0.01	5.84	0.362
S3366	26.92	0.00	0.00	16.56	9.72	0.01	6.00	0.361
S3370	26.92	0.00	0.00	16.55	9.73	0.01	5.76	0.361
S3374	26.92	0.00	0.00	16.57	9.71	0.01	5.78	0.361
S3380	26.92	0.00	0.00	17.13	9.15	0.01	9.14	0.340
S3381	26.92	0.00	0.00	18.47	7.80	0.01	6.81	0.290
S3383	26.92	0.00	0.00	16.55	9.72	0.01	5.74	0.361
S3384	26.92	0.00	0.00	16.84	9.44	0.01	7.94	0.351
S3389	26.92	0.00	0.00	16.96	9.32	0.01	7.16	0.346
S3390	26.92	0.00	0.00	16.57	9.71	0.01	5.87	0.361
S3395_1	26.92	0.00	0.00	11.36	14.52	0.08	65.01	0.539
S3395_2	26.92	0.00	0.00	10.34	15.53	0.03	31.04	0.577
S3396	26.92	0.00	0.00	10.60	15.27	0.02	16.32	0.567
S3397	26.92	0.00	0.00	14.17	11.95	0.01	6.91	0.444
S3398	26.92	0.00	0.00	13.86	12.26	0.00	5.13	0.456
S3399	26.92	0.00	0.00	13.86	12.26	0.00	5.14	0.455
S34	26.92	0.00	0.00	26.72	0.11	0.04	20.04	0.004
S3401	26.92	0.00	0.00	16.74	9.54	0.01	6.72	0.354
S3403	26.92	0.00	0.00	16.87	9.41	0.01	6.78	0.350
S3405	26.92	0.00	0.00	16.56	9.72	0.01	5.74	0.361
S3408	26.92	0.00	0.00	16.54	9.73	0.01	5.95	0.362
S3410	26.92	0.00	0.00	9.30	16.49	0.03	25.86	0.613
S3411	26.92	0.00	0.00	8.66	17.14	0.01	9.71	0.637
S3412	26.92	0.00	0.00	8.46	17.34	0.01	11.23	0.644
S3413	26.92	0.00	0.00	8.59	17.21	0.01	10.16	0.639
S3414	26.92	0.00	0.00	8.65	17.15	0.02	19.34	0.637
S3415	26.92	0.00	0.00	10.55	15.33	0.01	14.43	0.570
S3416	26.92	0.00	0.00	10.50	15.37	0.01	13.15	0.571
S3418	26.92	0.00	0.00	5.23	20.39	1.42	702.40	0.758
S3421	26.92	0.00	0.00	13.94	12.18	0.00	5.56	0.453
S3422	26.92	0.00	0.00	16.88	9.40	0.01	6.93	0.349
S3423	26.92	0.00	0.00	16.77	9.51	0.01	6.52	0.353
S3424	26.92	0.00	0.00	5.07	20.56	0.28	240.33	0.764
S3425	26.92	0.00	0.00	5.10	20.53	0.57	456.30	0.763
S3429	26.92	0.00	0.00	13.94	12.18	0.00	5.56	0.453
S3430	26.92	0.00	0.00	16.39	9.89	0.01	6.37	0.367
S3431	26.92	0.00	0.00	16.86	9.42	0.01	7.10	0.350
S3432	26.92	0.00	0.00	10.97	14.91	0.04	32.00	0.554
S3434	26.92	0.00	0.00	16.52	9.76	0.01	5.92	0.363
S3435	26.92	0.00	0.00	11.32	14.55	0.12	92.01	0.541
S3436	26.92	0.00	0.00	16.50	9.77	0.01	6.29	0.363
S3439	26.92	0.00	0.00	25.36	1.48	0.02	10.64	0.055
S3440	26.92	0.00	0.00	10.49	15.39	0.01	12.74	0.572
S3442	26.92	0.00	0.00	16.66	9.62	0.01	5.74	0.357
S3443	26.92	0.00	0.00	6.01	19.63	0.01	11.77	0.729
S3444	26.92	0.00	0.00	16.83	9.45	0.01	6.50	0.351
S3445	26.92	0.00	0.00	16.54	9.74	0.01	5.77	0.362
S3446	26.92	0.00	0.00	6.00	19.64	0.01	11.43	0.730
S3447	26.92	0.00	0.00	16.83	9.45	0.01	5.78	0.351
S3448	26.92	0.00	0.00	10.59	15.29	0.02	15.81	0.568
S3449	26.92	0.00	0.00	5.99	19.65	0.01	8.01	0.730
S3450	26.92	0.00	0.00	6.03	19.61	0.01	15.10	0.729
S3451	26.92	0.00	0.00	16.86	9.41	0.01	6.69	0.350
S3452	26.92	0.00	0.00	16.60	9.68	0.01	6.02	0.360
S3453	26.92	0.00	0.00	12.94	13.18	0.00	6.47	0.489
S3454	26.92	0.00	0.00	6.04	19.60	0.01	14.73	0.728
S3456	26.92	0.00	0.00	12.73	13.39	0.00	4.74	0.498

S3458	26.92	0.00	0.00	12.92	13.20	0.01	6.72	0.490
S3459	26.92	0.00	0.00	6.03	19.61	0.01	15.05	0.729
S3460	26.92	0.00	0.00	16.47	9.81	0.00	5.87	0.364
S3462	26.92	0.00	0.00	12.88	13.24	0.00	5.80	0.492
S3463	26.92	0.00	0.00	12.94	13.18	0.00	5.81	0.490
S3464	26.92	0.00	0.00	12.86	13.26	0.00	5.04	0.493
S3465	26.92	0.00	0.00	12.83	13.29	0.00	5.12	0.494
S3466	26.92	0.00	0.00	12.96	13.16	0.00	6.49	0.489
S3468	26.92	0.00	0.00	16.57	9.71	0.01	5.90	0.361
S3469	26.92	0.00	0.00	13.24	12.88	0.01	9.43	0.478
S3470	26.92	0.00	0.00	6.05	19.59	0.01	14.58	0.728
S3471	26.92	0.00	0.00	16.64	9.64	0.01	6.37	0.358
S3472	26.92	0.00	0.00	13.11	13.01	0.01	8.03	0.483
S3473	26.92	0.00	0.00	6.03	19.61	0.01	17.99	0.728
S3474	26.92	0.00	0.00	4.97	20.67	0.09	93.52	0.768
S3475	26.92	0.00	0.00	4.89	20.75	0.09	103.10	0.771
S3476	26.92	0.00	0.00	5.00	20.63	0.48	473.80	0.766
S3477	26.92	0.00	0.00	6.00	19.64	0.01	12.62	0.730
S3478	26.92	0.00	0.00	13.01	13.10	0.01	6.87	0.487
S3479	26.92	0.00	0.00	16.48	9.80	0.00	5.38	0.364
S3481	26.92	0.00	0.00	16.56	9.71	0.01	6.81	0.361
S3484	26.92	0.00	0.00	16.92	9.36	0.01	7.34	0.348
S3485	26.92	0.00	0.00	16.55	9.73	0.01	5.96	0.361
S3487	26.92	0.00	0.00	6.46	19.18	0.05	40.54	0.712
S3488	26.92	0.00	0.00	6.21	19.43	0.04	37.91	0.722
S3489	26.92	0.00	0.00	16.64	9.64	0.01	6.35	0.358
S3490	26.92	0.00	0.00	16.51	9.77	0.00	5.40	0.363
S3491	26.92	0.00	0.00	6.30	19.34	0.04	35.53	0.718
S3492	26.92	0.00	0.00	13.02	13.10	0.01	6.86	0.487
S3493	26.92	0.00	0.00	16.70	9.58	0.01	6.85	0.356
S3494	26.92	0.00	0.00	4.94	20.70	0.17	184.34	0.769
S3495	26.92	0.00	0.00	16.53	9.75	0.01	5.79	0.362
S3496	26.92	0.00	0.00	16.50	9.78	0.01	6.10	0.363
S3498	26.92	0.00	0.00	16.92	9.35	0.01	7.51	0.348
S3499	26.92	0.00	0.00	16.63	9.65	0.01	5.96	0.359
S35	26.92	0.00	0.00	10.22	15.66	0.02	26.89	0.582
S3500	26.92	0.00	0.00	16.44	9.84	0.00	5.64	0.365
S3501	26.92	0.00	0.00	6.23	19.41	0.04	37.52	0.721
S3502	26.92	0.00	0.00	13.07	13.04	0.01	7.23	0.485
S3503	26.92	0.00	0.00	6.05	19.59	0.01	15.24	0.728
S3504	26.92	0.00	0.00	6.03	19.60	0.01	11.16	0.728
S3505	26.92	0.00	0.00	6.05	19.59	0.01	12.28	0.728
S3506	26.92	0.00	0.00	6.07	19.57	0.01	13.23	0.727
S3507	26.92	0.00	0.00	6.07	19.57	0.01	14.36	0.727
S3508	26.92	0.00	0.00	6.07	19.57	0.01	15.68	0.727
S3509	26.92	0.00	0.00	6.02	19.61	0.01	13.10	0.729
S3510	26.92	0.00	0.00	6.09	19.54	0.02	22.09	0.726
S3511	26.92	0.00	0.00	6.06	19.58	0.02	19.58	0.727
S3513	26.92	0.00	0.00	16.47	9.81	0.01	6.18	0.364
S3514	26.92	0.00	0.00	16.55	9.73	0.01	5.76	0.361
S3515	26.92	0.00	0.00	12.92	13.20	0.00	6.25	0.490
S3516	26.92	0.00	0.00	16.43	9.85	0.00	5.69	0.366
S3517	26.92	0.00	0.00	4.97	20.67	0.09	93.42	0.768
S3518	26.92	0.00	0.00	4.87	20.77	0.09	104.95	0.772
S3519	26.92	0.00	0.00	16.63	9.65	0.01	6.02	0.359
S3520	26.92	0.00	0.00	12.87	13.25	0.00	5.80	0.492
S3522	26.92	0.00	0.00	12.95	13.17	0.00	6.59	0.489
S3523	26.92	0.00	0.00	12.72	13.40	0.00	4.79	0.498
S3524	26.92	0.00	0.00	12.81	13.31	0.00	6.05	0.494
S3525	26.92	0.00	0.00	12.88	13.24	0.00	5.98	0.492
S3526	26.92	0.00	0.00	12.80	13.32	0.00	5.20	0.495
S3527	26.92	0.00	0.00	12.78	13.34	0.00	5.29	0.496
S3528	26.92	0.00	0.00	12.92	13.20	0.00	6.61	0.490
S3529	26.92	0.00	0.00	16.46	9.82	0.01	6.24	0.365
S3530	26.92	0.00	0.00	11.53	14.34	0.08	54.89	0.533
S3531	26.92	0.00	0.00	6.26	19.38	0.04	37.68	0.720
S3532	26.92	0.00	0.00	16.55	9.72	0.01	5.74	0.361
S3533	26.92	0.00	0.00	6.21	19.43	0.04	45.20	0.722
S3534	26.92	0.00	0.00	6.26	19.38	0.03	32.78	0.720
S3535	26.92	0.00	0.00	16.46	9.82	0.00	5.50	0.365
S3536	26.92	0.00	0.00	16.68	9.60	0.01	6.51	0.357
S3537	26.92	0.00	0.00	16.61	9.67	0.01	6.21	0.359
S3538	26.92	0.00	0.00	16.62	9.66	0.01	6.26	0.359
S3539	26.92	0.00	0.00	16.86	9.42	0.01	7.17	0.350
S3541	26.92	0.00	0.00	6.00	19.64	0.01	9.60	0.730

S3542	26.92	0.00	0.00	5.99	19.65	0.01	9.79	0.730
S3543	26.92	0.00	0.00	5.10	20.53	0.70	562.90	0.763
S3544	26.92	0.00	0.00	16.39	9.88	0.00	5.48	0.367
S3545	26.92	0.00	0.00	16.51	9.77	0.01	5.93	0.363
S3546	26.92	0.00	0.00	6.12	19.52	0.02	20.74	0.725
S3547	26.92	0.00	0.00	11.29	14.59	0.12	94.74	0.542
S3548	26.92	0.00	0.00	16.51	9.77	0.01	6.07	0.363
S3549	26.92	0.00	0.00	16.58	9.70	0.01	5.67	0.360
S3550	26.92	0.00	0.00	6.02	19.62	0.01	9.65	0.729
S3551	26.92	0.00	0.00	17.03	9.25	0.01	7.91	0.343
S3552	26.92	0.00	0.00	25.64	1.19	0.01	5.45	0.044
S3553	26.92	0.00	0.00	16.99	9.29	0.01	8.03	0.345
S3554	26.92	0.00	0.00	6.08	19.56	0.02	22.63	0.727
S3555	26.92	0.00	0.00	16.40	9.87	0.00	5.46	0.367
S3556	26.92	0.00	0.00	6.09	19.54	0.02	22.70	0.726
S3557	26.92	0.00	0.00	6.05	19.59	0.01	14.53	0.728
S3558	26.92	0.00	0.00	6.04	19.59	0.01	14.70	0.728
S3559	26.92	0.00	0.00	6.06	19.58	0.01	14.41	0.727
S3560	26.92	0.00	0.00	6.08	19.56	0.01	14.09	0.727
S3561	26.92	0.00	0.00	6.07	19.57	0.01	14.20	0.727
S3562	26.92	0.00	0.00	6.07	19.57	0.01	14.20	0.727
S3563	26.92	0.00	0.00	6.06	19.58	0.01	14.49	0.728
S3564	26.92	0.00	0.00	6.06	19.57	0.01	14.32	0.727
S3566	26.92	0.00	0.00	6.44	19.20	0.11	97.80	0.713
S3567	26.92	0.00	0.00	6.14	19.50	0.02	21.43	0.724
S3568	26.92	0.00	0.00	6.10	19.53	0.02	22.02	0.726
S3569	26.92	0.00	0.00	16.55	9.73	0.01	5.97	0.361
S3571	26.92	0.00	0.00	16.49	9.79	0.01	5.93	0.364
S3572	26.92	0.00	0.00	6.00	19.63	0.01	9.66	0.729
S3573	26.92	0.00	0.00	5.99	19.65	0.01	9.66	0.730
S3574	26.92	0.00	0.00	5.99	19.64	0.01	9.39	0.730
S3575	26.92	0.00	0.00	6.09	19.55	0.02	22.10	0.726
S3576	26.92	0.00	0.00	4.93	20.71	0.09	98.73	0.769
S3577	26.92	0.00	0.00	4.85	20.79	0.09	106.75	0.772
S3578	26.92	0.00	0.00	16.59	9.68	0.01	6.49	0.360
S3579	26.92	0.00	0.00	6.11	19.52	0.02	21.61	0.725
S3580	26.92	0.00	0.00	6.26	19.38	0.05	46.84	0.720
S3581	26.92	0.00	0.00	16.51	9.77	0.00	5.76	0.363
S3582	26.92	0.00	0.00	6.12	19.52	0.02	21.73	0.725
S3584	26.92	0.00	0.00	16.83	9.45	0.01	7.20	0.351
S3585	26.92	0.00	0.00	16.54	9.74	0.01	5.79	0.362
S3586	26.92	0.00	0.00	16.55	9.73	0.01	6.36	0.361
S3587	26.92	0.00	0.00	16.99	9.29	0.01	8.17	0.345
S3588	26.92	0.00	0.00	6.06	19.58	0.01	12.43	0.727
S3589	26.92	0.00	0.00	16.61	9.67	0.01	6.20	0.359
S3591	26.92	0.00	0.00	16.50	9.78	0.01	5.89	0.363
S3593	26.92	0.00	0.00	11.66	14.10	0.18	52.34	0.524
S3594	26.92	0.00	0.00	19.54	6.73	0.14	105.47	0.250
S3595	26.92	0.00	0.00	19.54	6.73	0.14	105.45	0.250
S3596	26.92	0.00	0.00	6.19	19.45	0.03	28.91	0.723
S3597	26.92	0.00	0.00	6.06	19.58	0.01	12.64	0.727
S3599	26.92	0.00	0.00	16.54	9.74	0.00	5.70	0.362
S36	26.92	0.00	0.00	10.16	15.72	0.02	27.48	0.584
S3602	26.92	0.00	0.00	16.55	9.73	0.01	5.75	0.361
S3604	26.92	0.00	0.00	6.04	19.60	0.01	13.01	0.728
S3605	26.92	0.00	0.00	6.04	19.60	0.01	13.09	0.728
S3608	26.92	0.00	0.00	6.04	19.60	0.01	10.06	0.728
S3610	26.92	0.00	0.00	6.14	19.50	0.02	19.50	0.724
S3611	26.92	0.00	0.00	4.98	20.66	0.16	165.05	0.767
S3612	26.92	0.00	0.00	16.94	9.34	0.01	7.71	0.347
S3613	26.92	0.00	0.00	9.96	15.92	0.01	11.35	0.592
S3615	26.92	0.00	0.00	16.45	9.83	0.01	5.96	0.365
S3618	26.92	0.00	0.00	16.53	9.75	0.01	5.80	0.362
S3620	26.92	0.00	0.00	16.55	9.73	0.01	6.20	0.362
S3621	26.92	0.00	0.00	16.78	9.50	0.01	7.50	0.353
S3622	26.92	0.00	0.00	17.21	9.07	0.01	9.43	0.337
S3623	26.92	0.00	0.00	4.96	20.67	0.09	94.01	0.768
S3624	26.92	0.00	0.00	4.87	20.76	0.09	104.54	0.771
S3625	26.92	0.00	0.00	6.03	19.61	0.01	13.27	0.728
S3627	26.92	0.00	0.00	6.05	19.59	0.01	12.94	0.728
S3629	26.92	0.00	0.00	13.37	12.75	0.00	6.05	0.474
S3632	26.92	0.00	0.00	10.01	15.87	0.01	9.24	0.590
S3633	26.92	0.00	0.00	10.01	15.87	0.01	9.24	0.590
S3637	26.92	0.00	0.00	5.06	20.57	0.60	537.55	0.764
S3638	26.92	0.00	0.00	16.48	9.80	0.01	6.18	0.364

S3643	26.92	0.00	0.00	6.32	19.32	0.04	38.71	0.718
S3644	26.92	0.00	0.00	6.29	19.35	0.04	37.93	0.719
S3648	26.92	0.00	0.00	16.54	9.74	0.01	5.82	0.362
S3649	26.92	0.00	0.00	6.52	19.11	0.12	99.52	0.710
S3650	26.92	0.00	0.00	6.04	19.60	0.01	10.14	0.728
S3651	26.92	0.00	0.00	6.06	19.58	0.01	14.42	0.727
S3652	26.92	0.00	0.00	6.05	19.58	0.01	14.58	0.728
S3653_1	26.92	0.00	0.00	6.32	19.32	0.16	157.57	0.718
S3653_2	26.92	0.00	0.00	6.93	18.71	0.40	260.88	0.695
S3654	26.92	0.00	0.00	6.09	19.55	0.01	17.15	0.726
S3657	26.92	0.00	0.00	6.09	19.55	0.02	19.10	0.726
S3658	26.92	0.00	0.00	13.36	12.76	0.00	5.82	0.474
S3659	26.92	0.00	0.00	6.13	19.50	0.02	27.54	0.725
S3661	26.92	0.00	0.00	6.20	19.43	0.03	36.01	0.722
S3662	26.92	0.00	0.00	6.06	19.58	0.01	12.76	0.727
S3663	26.92	0.00	0.00	6.13	19.50	0.02	27.86	0.725
S3664	26.92	0.00	0.00	16.67	9.61	0.01	6.13	0.357
S3665	26.92	0.00	0.00	16.48	9.80	0.00	5.80	0.364
S3666	26.92	0.00	0.00	16.73	9.55	0.01	6.34	0.355
S3667	26.92	0.00	0.00	17.48	8.80	0.01	10.88	0.327
S3668	26.92	0.00	0.00	6.18	19.45	0.03	27.43	0.723
S3669	26.92	0.00	0.00	17.30	8.98	0.01	5.13	0.334
S3670	26.92	0.00	0.00	17.32	8.96	0.01	5.19	0.333
S3671	26.92	0.00	0.00	10.06	15.81	0.01	10.06	0.587
S3672	26.92	0.00	0.00	10.05	15.82	0.01	9.90	0.588
S3673	26.92	0.00	0.00	6.12	19.52	0.02	22.89	0.725
S3675	26.92	0.00	0.00	6.11	19.53	0.02	25.11	0.725
S3676	26.92	0.00	0.00	6.14	19.50	0.02	23.52	0.724
S3678	26.92	0.00	0.00	16.92	9.36	0.01	7.33	0.348
S3680	26.92	0.00	0.00	6.16	19.47	0.03	29.16	0.723
S3681	26.92	0.00	0.00	16.43	9.85	0.01	6.25	0.366
S3683	26.92	0.00	0.00	6.13	19.50	0.02	23.98	0.725
S3684	26.92	0.00	0.00	6.10	19.54	0.01	15.11	0.726
S3685	26.92	0.00	0.00	16.55	9.73	0.01	6.06	0.362
S3686	26.92	0.00	0.00	6.11	19.53	0.03	31.83	0.726
S3687	26.92	0.00	0.00	17.51	8.77	0.01	5.86	0.326
S3690	26.92	0.00	0.00	9.87	16.01	0.01	7.41	0.595
S3691	26.92	0.00	0.00	9.81	16.06	0.01	6.71	0.597
S3692	26.92	0.00	0.00	10.06	15.81	0.01	10.05	0.588
S3693	26.92	0.00	0.00	10.06	15.81	0.01	10.05	0.588
S3694	26.92	0.00	0.00	10.06	15.81	0.01	10.05	0.588
S3695	26.92	0.00	0.00	16.67	9.61	0.01	6.58	0.357
S3696	26.92	0.00	0.00	10.08	15.80	0.01	10.30	0.587
S3697	26.92	0.00	0.00	16.62	9.66	0.01	6.59	0.359
S3698	26.92	0.00	0.00	6.11	19.53	0.02	19.61	0.725
S3699	26.92	0.00	0.00	6.10	19.54	0.02	20.74	0.726
S37	26.92	0.00	0.00	10.03	15.85	0.02	28.85	0.589
S3700	26.92	0.00	0.00	13.37	12.75	0.00	5.84	0.474
S3701	26.92	0.00	0.00	6.15	19.49	0.02	22.48	0.724
S3702	26.92	0.00	0.00	10.08	15.80	0.01	10.26	0.587
S3703	26.92	0.00	0.00	6.16	19.47	0.01	16.27	0.723
S3704	26.92	0.00	0.00	6.04	19.60	0.01	14.00	0.728
S3705	26.92	0.00	0.00	6.05	19.59	0.01	13.89	0.728
S3706	26.92	0.00	0.00	6.17	19.47	0.03	36.51	0.723
S3707	26.92	0.00	0.00	10.16	15.72	0.01	11.43	0.584
S3708	26.92	0.00	0.00	11.64	14.23	0.09	63.59	0.529
S3709	26.92	0.00	0.00	5.97	19.67	0.00	4.38	0.731
S3710	26.92	0.00	0.00	6.01	19.63	0.01	13.58	0.729
S3711	26.92	0.00	0.00	6.01	19.63	0.01	8.88	0.729
S3715	26.92	0.00	0.00	9.10	16.70	0.20	202.57	0.620
S3717	26.92	0.00	0.00	10.20	15.68	0.01	12.00	0.582
S3718	26.92	0.00	0.00	5.12	20.51	0.96	740.69	0.762
S3719	26.92	0.00	0.00	10.06	15.81	0.01	10.05	0.588
S3720	26.92	0.00	0.00	6.10	19.53	0.02	19.46	0.726
S3721	26.92	0.00	0.00	17.43	8.85	0.01	5.56	0.329
S3722	26.92	0.00	0.00	14.08	12.03	0.01	13.77	0.447
S3724	26.92	0.00	0.00	13.41	12.71	0.00	5.78	0.472
S3725	26.92	0.00	0.00	13.98	12.14	0.01	11.66	0.451
S3726	26.92	0.00	0.00	16.46	9.82	0.01	5.96	0.365
S3727	26.92	0.00	0.00	13.72	12.40	0.01	8.21	0.461
S3728	26.92	0.00	0.00	16.61	9.67	0.01	6.03	0.359
S3729	26.92	0.00	0.00	16.45	9.83	0.01	6.04	0.365
S3730	26.92	0.00	0.00	16.47	9.81	0.01	5.98	0.364
S3731	26.92	0.00	0.00	16.48	9.80	0.00	5.80	0.364
S3732	26.92	0.00	0.00	13.65	12.47	0.01	8.36	0.463

S3733	26.92	0.00	0.00	16.60	9.68	0.01	6.22	0.360
S3734	26.92	0.00	0.00	4.94	20.70	0.09	95.20	0.769
S3735	26.92	0.00	0.00	17.42	8.85	0.01	5.56	0.329
S3736	26.92	0.00	0.00	4.84	20.80	0.09	105.18	0.773
S3737	26.92	0.00	0.00	6.09	19.55	0.01	16.22	0.726
S3738	26.92	0.00	0.00	14.47	11.65	0.02	17.54	0.433
S3739	26.92	0.00	0.00	16.60	9.68	0.01	6.19	0.360
S3741	26.92	0.00	0.00	6.06	19.58	0.01	12.83	0.728
S3742	26.92	0.00	0.00	6.21	19.43	0.04	37.55	0.722
S3743	26.92	0.00	0.00	6.03	19.61	0.01	13.33	0.729
S3744	26.92	0.00	0.00	16.46	9.82	0.00	5.82	0.365
S3745	26.92	0.00	0.00	6.21	19.43	0.03	31.30	0.722
S3746	26.92	0.00	0.00	10.14	15.74	0.01	11.16	0.585
S3747	26.92	0.00	0.00	10.10	15.78	0.01	10.52	0.586
S3748	26.92	0.00	0.00	10.25	15.63	0.01	12.74	0.581
S3751	26.92	0.00	0.00	13.42	12.70	0.00	5.53	0.472
S3753	26.92	0.00	0.00	10.06	15.81	0.01	10.05	0.588
S3754	26.92	0.00	0.00	4.97	20.66	0.15	153.87	0.768
S3755	26.92	0.00	0.00	6.11	19.53	0.02	20.72	0.726
S3756	26.92	0.00	0.00	6.10	19.54	0.02	20.86	0.726
S3757	26.92	0.00	0.00	4.83	20.81	0.08	102.43	0.773
S3758	26.92	0.00	0.00	6.16	19.48	0.04	45.83	0.724
S3759	26.92	0.00	0.00	17.43	8.85	0.01	5.56	0.329
S3760	26.92	0.00	0.00	7.02	18.61	0.42	261.95	0.691
S3761	26.92	0.00	0.00	14.09	12.03	0.01	11.40	0.447
S3763	26.92	0.00	0.00	16.51	9.77	0.01	5.80	0.363
S3764	26.92	0.00	0.00	16.63	9.65	0.01	6.94	0.359
S3765	26.92	0.00	0.00	6.08	19.56	0.02	20.19	0.727
S3766	26.92	0.00	0.00	14.04	12.08	0.01	11.52	0.449
S3767	26.92	0.00	0.00	6.06	19.58	0.01	16.71	0.728
S3768	26.92	0.00	0.00	6.07	19.57	0.01	16.43	0.727
S3769	26.92	0.00	0.00	6.07	19.57	0.01	16.55	0.727
S3771	26.92	0.00	0.00	6.06	19.58	0.01	15.25	0.727
S3772	26.92	0.00	0.00	14.09	12.03	0.01	11.41	0.447
S3774	26.92	0.00	0.00	13.35	12.77	0.00	5.63	0.474
S3775	26.92	0.00	0.00	16.49	9.79	0.00	5.69	0.364
S3776	26.92	0.00	0.00	17.43	8.85	0.01	5.56	0.329
S3777	26.92	0.00	0.00	10.39	15.49	0.01	14.78	0.576
S3778	26.92	0.00	0.00	16.48	9.80	0.01	6.44	0.364
S3779	26.92	0.00	0.00	16.59	9.68	0.01	5.98	0.360
S3780	26.92	0.00	0.00	6.04	19.60	0.01	14.61	0.728
S3781	26.92	0.00	0.00	16.51	9.77	0.00	5.78	0.363
S3782	26.92	0.00	0.00	6.05	19.59	0.01	14.41	0.728
S3783	26.92	0.00	0.00	10.21	15.67	0.01	12.18	0.582
S3784	26.92	0.00	0.00	10.06	15.81	0.01	10.05	0.588
S3785	26.92	0.00	0.00	10.05	15.82	0.01	9.92	0.588
S3786	26.92	0.00	0.00	17.11	9.17	0.01	8.82	0.341
S3787	26.92	0.00	0.00	14.36	11.76	0.02	18.02	0.437
S3788	26.92	0.00	0.00	14.16	11.96	0.01	14.99	0.444
S3789	26.92	0.00	0.00	10.06	15.81	0.01	10.05	0.588
S3790	26.92	0.00	0.00	10.26	15.62	0.01	12.85	0.580
S3791	26.92	0.00	0.00	6.34	19.30	0.04	42.38	0.717
S3792	26.92	0.00	0.00	13.65	12.47	0.01	8.37	0.463
S3793	26.92	0.00	0.00	13.99	12.13	0.01	11.64	0.451
S3794	26.92	0.00	0.00	13.43	12.69	0.00	5.37	0.471
S3795	26.92	0.00	0.00	16.47	9.81	0.01	6.04	0.364
S3796	26.92	0.00	0.00	14.11	12.01	0.01	14.26	0.446
S3797	26.92	0.00	0.00	17.42	8.85	0.01	5.56	0.329
S38	26.92	0.00	0.00	9.99	15.88	0.02	21.89	0.590
S3807	26.92	0.00	0.00	6.44	19.19	0.09	81.53	0.713
S3809	26.92	0.00	0.00	6.18	19.45	0.03	29.70	0.723
S3810	26.92	0.00	0.00	16.90	9.38	0.01	7.34	0.349
S3811	26.92	0.00	0.00	6.12	19.51	0.02	22.27	0.725
S3812	26.92	0.00	0.00	6.06	19.58	0.01	15.71	0.727
S3813	26.92	0.00	0.00	14.00	12.12	0.01	13.14	0.450
S3814	26.92	0.00	0.00	14.13	11.98	0.01	13.75	0.445
S3815	26.92	0.00	0.00	14.44	11.68	0.02	17.20	0.434
S3816	26.92	0.00	0.00	14.38	11.74	0.02	17.42	0.436
S3817	26.92	0.00	0.00	17.43	8.85	0.01	5.56	0.329
S3818	26.92	0.00	0.00	14.04	12.08	0.01	12.72	0.449
S3819	26.92	0.00	0.00	6.09	19.55	0.02	18.97	0.726
S3820	26.92	0.00	0.00	16.53	9.75	0.00	5.73	0.362
S3821	26.92	0.00	0.00	6.26	19.38	0.03	33.34	0.720
S3822	26.92	0.00	0.00	6.13	19.51	0.02	18.20	0.725
S3823	26.92	0.00	0.00	13.28	12.84	0.00	5.69	0.477

S3824	26.92	0.00	0.00	14.15	11.97	0.01	13.72	0.445
S3825	26.92	0.00	0.00	13.74	12.38	0.01	9.97	0.460
S3826	26.92	0.00	0.00	14.53	11.59	0.02	21.06	0.430
S3827	26.92	0.00	0.00	10.06	15.81	0.01	10.05	0.588
S3828	26.92	0.00	0.00	14.22	11.90	0.01	15.09	0.442
S3829	26.92	0.00	0.00	14.48	11.64	0.02	17.03	0.432
S3830	26.92	0.00	0.00	16.48	9.80	0.00	5.79	0.364
S3831	26.92	0.00	0.00	14.38	11.74	0.02	17.41	0.436
S3832	26.92	0.00	0.00	16.79	9.49	0.01	7.26	0.353
S3833	26.92	0.00	0.00	4.97	20.67	0.09	91.26	0.768
S3834	26.92	0.00	0.00	4.89	20.75	0.09	100.50	0.771
S3835	26.92	0.00	0.00	6.19	19.44	0.04	45.27	0.722
S3836	26.92	0.00	0.00	13.81	12.31	0.01	9.78	0.457
S3837	26.92	0.00	0.00	17.42	8.85	0.01	5.56	0.329
S3838	26.92	0.00	0.00	14.16	11.96	0.01	13.64	0.444
S3839	26.92	0.00	0.00	6.14	19.50	0.02	25.18	0.724
S3840	26.92	0.00	0.00	14.03	12.09	0.01	11.67	0.449
S3841	26.92	0.00	0.00	13.44	12.68	0.01	6.29	0.471
S3842	26.92	0.00	0.00	14.11	12.00	0.01	12.94	0.446
S3843	26.92	0.00	0.00	14.15	11.97	0.01	13.67	0.445
S3844	26.92	0.00	0.00	6.03	19.61	0.01	10.79	0.728
S3845	26.92	0.00	0.00	14.25	11.87	0.01	15.32	0.441
S3846	26.92	0.00	0.00	16.92	9.36	0.01	8.08	0.348
S3847	26.92	0.00	0.00	16.73	9.55	0.01	7.00	0.355
S3848	26.92	0.00	0.00	16.44	9.84	0.01	5.99	0.365
S3849	26.92	0.00	0.00	16.46	9.82	0.01	5.95	0.365
S3850	26.92	0.00	0.00	16.47	9.80	0.01	5.96	0.364
S3851	26.92	0.00	0.00	16.56	9.72	0.01	5.74	0.361
S3852	26.92	0.00	0.00	16.49	9.79	0.01	5.92	0.364
S3853	26.92	0.00	0.00	16.46	9.82	0.01	6.01	0.365
S3854	26.92	0.00	0.00	16.70	9.58	0.01	7.00	0.356
S3855	26.92	0.00	0.00	16.54	9.74	0.00	5.68	0.362
S3856	26.92	0.00	0.00	6.15	19.49	0.02	22.30	0.724
S3857	26.92	0.00	0.00	6.10	19.54	0.02	23.57	0.726
S3858	26.92	0.00	0.00	17.43	8.85	0.01	5.57	0.329
S3859	26.92	0.00	0.00	13.92	12.20	0.01	11.94	0.453
S3861	26.92	0.00	0.00	10.44	15.44	0.02	15.59	0.574
S3862	26.92	0.00	0.00	16.43	9.85	0.00	5.78	0.366
S3863	26.92	0.00	0.00	13.81	12.31	0.01	9.13	0.457
S3864	26.92	0.00	0.00	10.53	15.34	0.02	17.07	0.570
S3865	26.92	0.00	0.00	13.85	12.27	0.01	9.72	0.456
S3866	26.92	0.00	0.00	14.54	11.58	0.02	16.80	0.430
S3867	26.92	0.00	0.00	13.47	12.65	0.01	6.08	0.470
S3868	26.92	0.00	0.00	14.07	12.05	0.01	12.47	0.448
S3869	26.92	0.00	0.00	13.91	12.21	0.01	10.18	0.454
S3870	26.92	0.00	0.00	13.86	12.26	0.01	9.50	0.455
S3871	26.92	0.00	0.00	6.06	19.58	0.01	14.80	0.727
S3872	26.92	0.00	0.00	16.55	9.73	0.00	5.53	0.362
S3873	26.92	0.00	0.00	6.09	19.54	0.01	16.58	0.726
S3874	26.92	0.00	0.00	4.85	20.79	0.08	100.62	0.772
S3875	26.92	0.00	0.00	6.11	19.53	0.01	16.33	0.726
S3877	26.92	0.00	0.00	17.42	8.85	0.01	5.56	0.329
S3878	26.92	0.00	0.00	6.17	19.47	0.02	22.98	0.723
S3879	26.92	0.00	0.00	6.09	19.54	0.01	16.55	0.726
S3880	26.92	0.00	0.00	13.37	12.74	0.00	6.01	0.473
S3881	26.92	0.00	0.00	6.14	19.50	0.02	23.72	0.724
S3882	26.92	0.00	0.00	6.12	19.51	0.02	24.05	0.725
S3883	26.92	0.00	0.00	16.50	9.78	0.01	5.91	0.363
S3884	26.92	0.00	0.00	16.56	9.72	0.01	5.94	0.361
S3885	26.92	0.00	0.00	6.07	19.57	0.02	26.68	0.727
S3886	26.92	0.00	0.00	10.18	15.70	0.01	11.65	0.583
S3887	26.92	0.00	0.00	5.12	20.51	0.74	566.93	0.762
S3889	26.92	0.00	0.00	10.15	15.73	0.01	11.31	0.584
S3891	26.92	0.00	0.00	16.53	9.75	0.01	6.81	0.362
S3892	26.92	0.00	0.00	16.54	9.74	0.01	6.11	0.362
S3894	26.92	0.00	0.00	16.44	9.84	0.00	5.74	0.366
S3895	26.92	0.00	0.00	16.78	9.49	0.01	7.07	0.353
S3896	26.92	0.00	0.00	17.15	9.13	0.01	9.19	0.339
S3897	26.92	0.00	0.00	14.08	12.04	0.01	11.86	0.447
S3898	26.92	0.00	0.00	15.10	11.02	0.03	25.63	0.409
S3899	26.92	0.00	0.00	6.07	19.57	0.01	14.85	0.727
S39	26.92	0.00	0.00	7.77	18.02	0.12	96.30	0.669
S3900	26.92	0.00	0.00	6.06	19.58	0.01	14.43	0.727
S3901	26.92	0.00	0.00	14.35	11.77	0.01	15.83	0.437
S3902	26.92	0.00	0.00	6.05	19.59	0.01	14.61	0.728

S3903	26.92	0.00	0.00	6.06	19.58	0.01	14.49	0.727
S3904	26.92	0.00	0.00	13.43	12.69	0.00	6.05	0.471
S3905	26.92	0.00	0.00	6.04	19.60	0.01	14.78	0.728
S3906	26.92	0.00	0.00	6.06	19.58	0.01	14.37	0.727
S3907	26.92	0.00	0.00	16.44	9.84	0.00	5.83	0.365
S3908	26.92	0.00	0.00	6.03	19.60	0.01	14.91	0.728
S3909	26.92	0.00	0.00	6.06	19.58	0.01	14.50	0.728
S3910	26.92	0.00	0.00	6.06	19.58	0.01	14.51	0.727
S3911	26.92	0.00	0.00	14.42	11.70	0.01	15.55	0.435
S3912	26.92	0.00	0.00	16.59	9.69	0.01	5.70	0.360
S3913	26.92	0.00	0.00	16.47	9.81	0.00	5.69	0.364
S3914	26.92	0.00	0.00	17.42	8.85	0.01	5.56	0.329
S3915	26.92	0.00	0.00	14.43	11.69	0.01	15.52	0.434
S3916_1	26.92	0.00	0.00	7.55	18.25	0.05	53.62	0.678
S3916_3	26.92	0.00	0.00	7.40	18.39	0.03	36.53	0.683
S3916_4	26.92	0.00	0.00	7.42	18.37	0.03	38.38	0.683
S3916_5	26.92	0.00	0.00	7.39	18.41	0.03	34.56	0.684
S3916_6	26.92	0.00	0.00	7.39	18.41	0.03	34.62	0.684
S3917	26.92	0.00	0.00	13.75	12.37	0.01	9.18	0.459
S3918	26.92	0.00	0.00	13.49	12.63	0.00	5.19	0.469
S3919	26.92	0.00	0.00	13.44	12.68	0.00	5.27	0.471
S3920	26.92	0.00	0.00	13.53	12.59	0.00	5.13	0.468
S3921	26.92	0.00	0.00	13.47	12.65	0.00	5.21	0.470
S3922	26.92	0.00	0.00	13.51	12.61	0.00	5.16	0.468
S3923	26.92	0.00	0.00	13.46	12.66	0.00	5.23	0.470
S3924	26.92	0.00	0.00	13.66	12.46	0.01	7.76	0.463
S3925	26.92	0.00	0.00	10.06	15.81	0.01	10.05	0.588
S3926	26.92	0.00	0.00	16.51	9.77	0.00	5.77	0.363
S3927	26.92	0.00	0.00	14.14	11.98	0.01	13.31	0.445
S3928	26.92	0.00	0.00	14.77	11.35	0.02	21.29	0.422
S3929	26.92	0.00	0.00	17.43	8.85	0.01	5.57	0.329
S3930	26.92	0.00	0.00	6.09	19.55	0.01	15.96	0.726
S3931	26.92	0.00	0.00	4.97	20.67	0.09	90.87	0.768
S3932	26.92	0.00	0.00	10.06	15.82	0.01	9.97	0.588
S3933	26.92	0.00	0.00	4.87	20.77	0.09	102.31	0.772
S3934	26.92	0.00	0.00	13.35	12.77	0.00	5.91	0.474
S3937	26.92	0.00	0.00	14.90	11.22	0.02	23.81	0.417
S3938	26.92	0.00	0.00	16.51	9.77	0.00	5.65	0.363
S394	26.92	0.00	0.00	6.42	19.21	0.08	69.96	0.714
S3940	26.92	0.00	0.00	10.06	15.81	0.01	10.05	0.588
S3941	26.92	0.00	0.00	14.46	11.65	0.02	17.46	0.433
S3942	26.92	0.00	0.00	14.50	11.61	0.02	17.37	0.431
S3943	26.92	0.00	0.00	16.56	9.71	0.01	6.07	0.361
S3944	26.92	0.00	0.00	4.96	20.68	0.13	134.23	0.768
S3945	26.92	0.00	0.00	13.38	12.74	0.00	5.95	0.473
S3947	26.92	0.00	0.00	16.69	9.59	0.01	6.01	0.356
S3948	26.92	0.00	0.00	15.87	10.24	0.07	46.70	0.380
S3949	26.92	0.00	0.00	17.42	8.85	0.01	5.56	0.329
S3951	26.92	0.00	0.00	6.11	19.53	0.02	18.23	0.725
S3952	26.92	0.00	0.00	6.06	19.58	0.01	14.40	0.727
S3953	26.92	0.00	0.00	6.03	19.61	0.01	14.97	0.728
S3954	26.92	0.00	0.00	6.01	19.63	0.01	15.52	0.729
S3955	26.92	0.00	0.00	16.49	9.79	0.00	5.83	0.364
S3956	26.92	0.00	0.00	6.03	19.61	0.01	14.97	0.728
S3957	26.92	0.00	0.00	6.05	19.59	0.01	14.70	0.728
S3958	26.92	0.00	0.00	6.05	19.59	0.01	14.70	0.728
S3959	26.92	0.00	0.00	6.04	19.60	0.01	14.78	0.728
S3960	26.92	0.00	0.00	6.00	19.64	0.02	21.07	0.730
S3961	26.92	0.00	0.00	15.63	10.48	0.05	38.61	0.390
S3962	26.92	0.00	0.00	4.97	20.66	0.15	154.09	0.768
S3963	26.92	0.00	0.00	14.59	11.53	0.02	19.06	0.428
S3964	26.92	0.00	0.00	14.41	11.71	0.02	16.57	0.435
S3966	26.92	0.00	0.00	15.81	10.30	0.07	46.05	0.383
S3967	26.92	0.00	0.00	15.36	10.75	0.04	33.62	0.399
S3968	26.92	0.00	0.00	14.52	11.60	0.02	17.50	0.431
S3969	26.92	0.00	0.00	17.42	8.85	0.01	5.56	0.329
S3970	26.92	0.00	0.00	10.06	15.81	0.01	10.05	0.588
S3971	26.92	0.00	0.00	16.86	9.42	0.01	7.85	0.350
S3975	26.92	0.00	0.00	16.54	9.74	0.00	5.56	0.362
S3976	26.92	0.00	0.00	16.99	9.29	0.01	8.67	0.345
S3977	26.92	0.00	0.00	13.37	12.75	0.00	6.02	0.474
S3978	26.92	0.00	0.00	17.55	8.73	0.01	11.38	0.324
S3982	26.92	0.00	0.00	6.32	19.31	0.04	36.88	0.717
S3986	26.92	0.00	0.00	16.50	9.78	0.01	6.28	0.363
S3989	26.92	0.00	0.00	16.52	9.76	0.00	5.75	0.363

S3990	26.92	0.00	0.00	10.06	15.81	0.01	10.05	0.588
S3991	26.92	0.00	0.00	4.89	20.75	0.08	96.63	0.771
S3992	26.92	0.00	0.00	16.63	9.65	0.01	5.81	0.359
S3994	26.92	0.00	0.00	17.45	8.83	0.01	10.50	0.328
S3995	26.92	0.00	0.00	17.42	8.85	0.01	5.56	0.329
S4	26.92	0.00	0.00	7.81	17.98	0.13	99.29	0.668
S40	26.92	0.00	0.00	21.10	5.11	0.93	171.75	0.190
S4000	26.92	0.00	0.00	16.67	9.61	0.01	6.27	0.357
S4001	26.92	0.00	0.00	16.77	9.51	0.01	7.02	0.353
S4002	26.92	0.00	0.00	16.63	9.65	0.01	6.07	0.358
S4003	26.92	0.00	0.00	16.71	9.57	0.01	6.60	0.356
S4004	26.92	0.00	0.00	16.63	9.65	0.01	5.95	0.358
S4005	26.92	0.00	0.00	16.62	9.66	0.01	5.95	0.359
S4006	26.92	0.00	0.00	13.38	12.74	0.00	5.99	0.473
S4007	26.92	0.00	0.00	17.59	8.68	0.01	11.50	0.323
S4010	26.92	0.00	0.00	17.42	8.85	0.01	5.56	0.329
S4011	26.92	0.00	0.00	6.14	19.50	0.02	20.01	0.724
S4012	26.92	0.00	0.00	16.52	9.76	0.00	5.60	0.363
S4013	26.92	0.00	0.00	13.93	12.19	0.01	10.38	0.453
S4014	26.92	0.00	0.00	13.58	12.54	0.01	5.95	0.466
S4015	26.92	0.00	0.00	13.64	12.48	0.00	5.86	0.464
S4016	26.92	0.00	0.00	13.61	12.51	0.01	5.91	0.465
S4017	26.92	0.00	0.00	13.61	12.50	0.01	5.89	0.465
S4018	26.92	0.00	0.00	13.59	12.53	0.01	5.93	0.465
S4019	26.92	0.00	0.00	13.56	12.56	0.01	5.98	0.467
S4020	26.92	0.00	0.00	13.55	12.57	0.01	7.88	0.467
S4024	26.92	0.00	0.00	17.12	9.16	0.01	7.86	0.340
S4025	26.92	0.00	0.00	10.05	15.83	0.01	9.89	0.588
S4026	26.92	0.00	0.00	10.34	15.54	0.01	14.07	0.577
S4027	26.92	0.00	0.00	16.85	9.43	0.01	7.02	0.350
S4029	26.92	0.00	0.00	4.94	20.70	0.11	114.64	0.769
S4030	26.92	0.00	0.00	6.39	19.24	0.07	62.88	0.715
S4031	26.92	0.00	0.00	4.96	20.68	0.33	346.68	0.768
S4033	26.92	0.00	0.00	16.55	9.73	0.00	5.66	0.361
S4034	26.92	0.00	0.00	4.95	20.69	0.09	93.40	0.769
S4037	26.92	0.00	0.00	4.85	20.79	0.09	104.17	0.772
S4038	26.92	0.00	0.00	13.48	12.64	0.01	6.81	0.470
S4039_1	26.92	0.00	0.00	9.94	15.85	0.57	419.98	0.589
S4039_2	26.92	0.00	0.00	9.67	16.13	0.45	368.39	0.599
S4040	26.92	0.00	0.00	6.08	19.56	0.01	14.09	0.727
S4042	26.92	0.00	0.00	17.42	8.85	0.01	5.56	0.329
S4043	26.92	0.00	0.00	16.53	9.74	0.01	6.24	0.362
S4045	26.92	0.00	0.00	16.55	9.72	0.01	6.12	0.361
S4050	26.92	0.00	0.00	17.42	8.85	0.01	5.56	0.329
S4052	26.92	0.00	0.00	16.82	9.46	0.01	6.47	0.351
S4053	26.92	0.00	0.00	6.11	19.53	0.01	13.63	0.726
S4058	26.92	0.00	0.00	16.53	9.75	0.00	5.73	0.362
S4061	26.92	0.00	0.00	10.40	15.48	0.01	14.99	0.575
S4062	26.92	0.00	0.00	9.92	15.96	0.00	4.30	0.593
S4063	26.92	0.00	0.00	10.68	15.20	0.02	19.32	0.565
S4064	26.92	0.00	0.00	17.06	9.22	0.01	8.82	0.342
S4065	26.92	0.00	0.00	16.45	9.83	0.01	6.20	0.365
S4066	26.92	0.00	0.00	6.10	19.54	0.01	13.70	0.726
S4068	26.92	0.00	0.00	16.57	9.71	0.01	6.19	0.361
S4069	26.92	0.00	0.00	17.42	8.85	0.01	5.56	0.329
S4072	26.92	0.00	0.00	4.94	20.69	0.19	203.01	0.769
S4073	26.92	0.00	0.00	4.98	20.65	0.23	239.07	0.767
S4074	26.92	0.00	0.00	4.92	20.72	0.11	125.40	0.770
S4078	26.92	0.00	0.00	17.42	8.86	0.01	5.53	0.329
S4079	26.92	0.00	0.00	16.82	9.46	0.01	6.41	0.352
S4081	26.92	0.00	0.00	16.60	9.68	0.01	5.73	0.360
S4084	26.92	0.00	0.00	6.09	19.55	0.01	13.93	0.726
S4088	26.92	0.00	0.00	16.53	9.75	0.00	5.73	0.362
S4089	26.92	0.00	0.00	16.83	9.45	0.01	7.28	0.351
S4093	26.92	0.00	0.00	16.63	9.65	0.01	6.10	0.358
S4094	26.92	0.00	0.00	16.61	9.67	0.01	5.84	0.359
S4096	26.92	0.00	0.00	6.10	19.54	0.01	13.71	0.726
S4097	26.92	0.00	0.00	4.89	20.75	0.09	99.04	0.771
S4098	26.92	0.00	0.00	16.93	9.35	0.01	8.03	0.347
S4099	26.92	0.00	0.00	4.93	20.71	0.11	116.69	0.769
S41	26.92	0.00	0.00	26.66	0.18	0.12	59.05	0.007
S4101	26.92	0.00	0.00	4.88	20.76	0.08	98.11	0.771
S4105	26.92	0.00	0.00	13.61	12.51	0.01	7.89	0.465
S4108	26.92	0.00	0.00	16.45	9.83	0.00	5.55	0.365
S4110	26.92	0.00	0.00	16.82	9.45	0.01	7.82	0.351

S4111	26.92	0.00	0.00	16.98	9.30	0.01	8.59	0.345
S4112	26.92	0.00	0.00	4.94	20.70	0.08	92.50	0.769
S4113	26.92	0.00	0.00	16.53	9.75	0.01	6.25	0.362
S4114	26.92	0.00	0.00	16.98	9.29	0.01	8.06	0.345
S4115	26.92	0.00	0.00	16.71	9.57	0.01	6.63	0.356
S4116	26.92	0.00	0.00	16.52	9.75	0.01	6.26	0.362
S4117	26.92	0.00	0.00	16.57	9.71	0.01	6.24	0.361
S4118	26.92	0.00	0.00	16.64	9.64	0.01	5.93	0.358
S4120	26.92	0.00	0.00	4.89	20.75	0.09	99.99	0.771
S4121	26.92	0.00	0.00	17.57	8.71	0.01	6.07	0.324
S4122	26.92	0.00	0.00	6.11	19.53	0.01	13.62	0.726
S4123	26.92	0.00	0.00	14.03	12.09	0.01	9.91	0.449
S4124	26.92	0.00	0.00	13.85	12.26	0.01	10.48	0.456
S4125	26.92	0.00	0.00	13.63	12.48	0.00	5.81	0.464
S4126	26.92	0.00	0.00	13.65	12.47	0.00	5.65	0.463
S4127	26.92	0.00	0.00	13.62	12.50	0.01	6.02	0.464
S4128	26.92	0.00	0.00	13.56	12.56	0.01	6.12	0.467
S4129	26.92	0.00	0.00	13.62	12.50	0.00	5.80	0.464
S4130	26.92	0.00	0.00	13.50	12.62	0.00	5.92	0.469
S4131	26.92	0.00	0.00	13.56	12.56	0.01	7.86	0.467
S4132	26.92	0.00	0.00	16.52	9.76	0.00	5.76	0.363
S4138	26.92	0.00	0.00	16.51	9.77	0.01	6.24	0.363
S4140	26.92	0.00	0.00	16.49	9.78	0.01	6.32	0.363
S4141	26.92	0.00	0.00	17.60	8.68	0.01	6.19	0.322
S4143	26.92	0.00	0.00	6.11	19.53	0.01	13.63	0.726
S4146	26.92	0.00	0.00	6.23	19.41	0.03	30.60	0.721
S4148	26.92	0.00	0.00	4.83	20.81	0.04	51.63	0.773
S4149	26.92	0.00	0.00	4.86	20.78	0.12	146.26	0.772
S4150	26.92	0.00	0.00	13.72	12.40	0.01	7.93	0.461
S4151	26.92	0.00	0.00	16.45	9.82	0.00	5.57	0.365
S4157	26.92	0.00	0.00	16.58	9.70	0.00	5.59	0.360
S4158	26.92	0.00	0.00	6.16	19.48	0.01	12.90	0.724
S4159	26.92	0.00	0.00	16.65	9.63	0.01	6.87	0.358
S4161	26.92	0.00	0.00	16.49	9.79	0.00	5.71	0.364
S4166	26.92	0.00	0.00	13.76	12.36	0.01	8.40	0.459
S4167	26.92	0.00	0.00	16.52	9.76	0.00	5.39	0.363
S4169	26.92	0.00	0.00	16.57	9.71	0.01	6.38	0.361
S4174	26.92	0.00	0.00	6.09	19.55	0.01	11.81	0.726
S4176	26.92	0.00	0.00	16.53	9.75	0.00	5.71	0.362
S4178	26.92	0.00	0.00	13.78	12.34	0.01	8.60	0.458
S4179	26.92	0.00	0.00	16.63	9.65	0.01	6.31	0.359
S4182	26.92	0.00	0.00	17.82	8.45	0.01	7.09	0.314
S4184	26.92	0.00	0.00	16.59	9.68	0.01	5.88	0.360
S4185	26.92	0.00	0.00	4.95	20.68	0.04	44.61	0.768
S4186	26.92	0.00	0.00	16.63	9.65	0.01	6.71	0.358
S4189	26.92	0.00	0.00	16.83	9.45	0.01	6.69	0.351
S4190	26.92	0.00	0.00	16.62	9.66	0.01	6.27	0.359
S4191	26.92	0.00	0.00	16.75	9.53	0.01	5.94	0.354
S4192	26.92	0.00	0.00	16.79	9.48	0.01	5.83	0.352
S4193	26.92	0.00	0.00	16.70	9.58	0.01	6.07	0.356
S4194	26.92	0.00	0.00	16.64	9.63	0.01	6.20	0.358
S4195	26.92	0.00	0.00	5.00	20.64	0.25	246.62	0.767
S4196	26.92	0.00	0.00	16.78	9.50	0.01	5.86	0.353
S4199	26.92	0.00	0.00	16.68	9.60	0.01	7.27	0.357
S42	26.92	0.00	0.00	20.01	6.27	0.04	25.71	0.233
S4200	26.92	0.00	0.00	16.80	9.48	0.01	6.82	0.352
S4201	26.92	0.00	0.00	16.61	9.67	0.01	5.71	0.359
S4202	26.92	0.00	0.00	13.92	12.19	0.01	9.81	0.453
S4203	26.92	0.00	0.00	13.68	12.44	0.01	7.44	0.462
S4204	26.92	0.00	0.00	13.59	12.53	0.01	6.55	0.465
S4205	26.92	0.00	0.00	13.46	12.65	0.01	6.79	0.470
S4206	26.92	0.00	0.00	13.66	12.46	0.01	7.48	0.463
S4207	26.92	0.00	0.00	13.62	12.50	0.01	7.31	0.464
S4209	26.92	0.00	0.00	5.09	20.54	0.08	69.91	0.763
S4210	26.92	0.00	0.00	4.89	20.74	0.09	101.77	0.771
S4211	26.92	0.00	0.00	4.91	20.73	0.09	96.00	0.770
S4212	26.92	0.00	0.00	4.86	20.77	0.08	99.99	0.772
S4213	26.92	0.00	0.00	4.90	20.74	0.08	96.89	0.771
S4214	26.92	0.00	0.00	4.83	20.81	0.04	51.61	0.773
S4215	26.92	0.00	0.00	4.89	20.75	0.08	96.86	0.771
S4216	26.92	0.00	0.00	16.45	9.83	0.00	5.24	0.365
S4217	26.92	0.00	0.00	4.91	20.73	0.08	94.84	0.770
S4218	26.92	0.00	0.00	4.89	20.74	0.08	96.55	0.771
S4221	26.92	0.00	0.00	6.13	19.50	0.02	18.95	0.725
S4222	26.92	0.00	0.00	16.52	9.76	0.01	6.07	0.363

S4224	26.92	0.00	0.00	19.02	7.42	0.01	5.28	0.276
S4227	26.92	0.00	0.00	17.97	8.31	0.01	7.70	0.309
S4228	26.92	0.00	0.00	18.22	8.06	0.01	8.88	0.299
S4230	26.92	0.00	0.00	18.20	8.08	0.01	8.79	0.300
S4232	26.92	0.00	0.00	19.17	7.27	0.01	5.14	0.270
S4234	26.92	0.00	0.00	16.77	9.51	0.01	5.94	0.353
S4235	26.92	0.00	0.00	6.14	19.50	0.02	18.78	0.724
S4239	26.92	0.00	0.00	16.62	9.66	0.01	6.05	0.359
S4248	26.92	0.00	0.00	16.82	9.46	0.01	6.74	0.351
S4250	26.92	0.00	0.00	13.78	12.34	0.01	8.86	0.459
S4251	26.92	0.00	0.00	16.64	9.64	0.01	5.96	0.358
S4253	26.92	0.00	0.00	16.63	9.65	0.01	5.64	0.358
S4260	26.92	0.00	0.00	16.66	9.62	0.01	6.24	0.357
S4265	26.92	0.00	0.00	16.60	9.67	0.01	6.23	0.359
S4266	26.92	0.00	0.00	16.70	9.58	0.01	6.87	0.356
S4267	26.92	0.00	0.00	16.53	9.75	0.01	5.82	0.362
S4271	26.92	0.00	0.00	16.64	9.64	0.01	5.94	0.358
S4272	26.92	0.00	0.00	13.73	12.39	0.01	8.97	0.460
S4273	26.92	0.00	0.00	13.62	12.50	0.01	7.37	0.464
S4274	26.92	0.00	0.00	13.71	12.41	0.01	7.39	0.461
S4275	26.92	0.00	0.00	13.55	12.57	0.01	6.61	0.467
S4276	26.92	0.00	0.00	13.56	12.56	0.01	6.61	0.467
S4277	26.92	0.00	0.00	13.60	12.52	0.01	7.58	0.465
S4278	26.92	0.00	0.00	13.59	12.53	0.01	7.59	0.465
S4279	26.92	0.00	0.00	13.68	12.44	0.01	7.41	0.462
S4280	26.92	0.00	0.00	16.62	9.66	0.01	6.18	0.359
S4282	26.92	0.00	0.00	16.63	9.65	0.01	6.42	0.359
S4283	26.92	0.00	0.00	16.60	9.68	0.01	6.27	0.360
S4284	26.92	0.00	0.00	16.73	9.55	0.01	5.95	0.355
S4285	26.92	0.00	0.00	16.68	9.60	0.01	6.06	0.357
S4286	26.92	0.00	0.00	16.63	9.65	0.01	6.21	0.359
S4287	26.92	0.00	0.00	16.67	9.61	0.01	6.10	0.357
S4288	26.92	0.00	0.00	16.75	9.53	0.01	5.91	0.354
S4289	26.92	0.00	0.00	16.88	9.40	0.01	6.40	0.349
S4290	26.92	0.00	0.00	16.61	9.67	0.01	6.12	0.359
S4295	26.92	0.00	0.00	17.16	9.12	0.01	8.62	0.339
S4298	26.92	0.00	0.00	16.87	9.41	0.01	7.08	0.350
S4299	26.92	0.00	0.00	16.81	9.47	0.01	6.31	0.352
S43	26.92	0.00	0.00	20.01	6.27	0.04	25.71	0.233
S4301	26.92	0.00	0.00	16.72	9.56	0.01	6.62	0.355
S4302	26.92	0.00	0.00	13.78	12.34	0.01	9.09	0.458
S4303	26.92	0.00	0.00	13.67	12.45	0.01	8.39	0.463
S4307	26.92	0.00	0.00	16.55	9.73	0.01	5.99	0.361
S4308	26.92	0.00	0.00	16.71	9.57	0.01	7.10	0.355
S4309	26.92	0.00	0.00	13.61	12.51	0.01	8.15	0.465
S4313	26.92	0.00	0.00	13.85	12.27	0.01	9.79	0.456
S4316	26.92	0.00	0.00	4.88	20.76	0.06	66.37	0.771
S4317	26.92	0.00	0.00	16.91	9.37	0.01	7.06	0.348
S4322	26.92	0.00	0.00	13.53	12.59	0.01	7.30	0.468
S4324	26.92	0.00	0.00	17.06	9.22	0.01	8.23	0.342
S4325	26.92	0.00	0.00	16.59	9.69	0.01	6.13	0.360
S4329	26.92	0.00	0.00	16.81	9.47	0.01	7.21	0.352
S433	26.92	0.00	0.00	17.85	8.42	0.01	7.21	0.313
S4330	26.92	0.00	0.00	13.55	12.57	0.01	7.02	0.467
S4332	26.92	0.00	0.00	13.44	12.68	0.01	6.85	0.471
S4334	26.92	0.00	0.00	17.20	9.08	0.01	9.44	0.337
S4335	26.92	0.00	0.00	13.69	12.42	0.01	8.77	0.462
S4336	26.92	0.00	0.00	17.27	9.01	0.01	8.81	0.335
S4338	26.92	0.00	0.00	13.32	12.80	0.00	5.67	0.475
S4340	26.92	0.00	0.00	16.61	9.67	0.01	6.05	0.359
S4341	26.92	0.00	0.00	13.32	12.80	0.00	5.69	0.476
S4342	26.92	0.00	0.00	13.45	12.66	0.00	5.84	0.470
S4343	26.92	0.00	0.00	13.45	12.67	0.00	5.54	0.471
S4344	26.92	0.00	0.00	13.36	12.76	0.00	5.70	0.474
S4345	26.92	0.00	0.00	13.33	12.79	0.00	5.76	0.475
S4346	26.92	0.00	0.00	16.75	9.53	0.01	5.98	0.354
S4347	26.92	0.00	0.00	13.54	12.58	0.01	7.24	0.467
S4348	26.92	0.00	0.00	16.63	9.64	0.01	6.44	0.358
S4352	26.92	0.00	0.00	4.79	20.85	0.03	33.42	0.775
S4353	26.92	0.00	0.00	4.89	20.75	0.08	96.78	0.771
S4354	26.92	0.00	0.00	4.89	20.75	0.08	96.67	0.771
S4355	26.92	0.00	0.00	13.72	12.40	0.01	9.82	0.461
S4356	26.92	0.00	0.00	16.86	9.42	0.01	6.46	0.350
S4357	26.92	0.00	0.00	4.86	20.77	0.08	98.94	0.772
S4358	26.92	0.00	0.00	4.97	20.67	0.17	175.77	0.768

S4359	26.92	0.00	0.00	2.37	23.10	0.09	107.28	0.858
S4360	26.92	0.00	0.00	2.38	23.10	0.09	106.07	0.858
S4361	26.92	0.00	0.00	2.39	23.09	0.09	103.89	0.858
S4362	26.92	0.00	0.00	2.38	23.09	0.09	102.86	0.858
S4363	26.92	0.00	0.00	2.37	23.10	0.09	105.68	0.858
S4364	26.92	0.00	0.00	2.37	23.10	0.09	106.33	0.858
S4365	26.92	0.00	0.00	4.89	20.75	0.08	95.95	0.771
S4367	26.92	0.00	0.00	16.71	9.57	0.01	6.65	0.355
S4368	26.92	0.00	0.00	16.66	9.61	0.01	5.93	0.357
S4369	26.92	0.00	0.00	13.55	12.57	0.01	7.11	0.467
S4371	26.92	0.00	0.00	9.14	16.66	0.20	197.41	0.619
S4374	26.92	0.00	0.00	16.85	9.43	0.01	6.92	0.350
S4375	26.92	0.00	0.00	16.85	9.43	0.01	7.19	0.350
S4381	26.92	0.00	0.00	16.71	9.56	0.01	6.79	0.355
S4384	26.92	0.00	0.00	4.87	20.77	0.10	115.29	0.772
S4387	26.92	0.00	0.00	16.66	9.62	0.01	6.49	0.358
S4390	26.92	0.00	0.00	13.64	12.48	0.01	7.65	0.464
S4393	26.92	0.00	0.00	13.54	12.58	0.01	7.57	0.467
S4396	26.92	0.00	0.00	17.10	9.18	0.01	7.64	0.341
S4398	26.92	0.00	0.00	13.57	12.55	0.01	6.82	0.466
S4399	26.92	0.00	0.00	16.73	9.55	0.01	6.10	0.355
S44	26.92	0.00	0.00	15.57	10.55	0.05	38.55	0.392
S4404	26.92	0.00	0.00	16.75	9.53	0.01	6.45	0.354
S4405	26.92	0.00	0.00	16.67	9.61	0.01	5.98	0.357
S4408	26.92	0.00	0.00	16.92	9.36	0.01	7.24	0.348
S4414	26.92	0.00	0.00	13.65	12.47	0.01	7.58	0.463
S4416	26.92	0.00	0.00	16.61	9.67	0.01	6.00	0.359
S4418	26.92	0.00	0.00	17.13	9.15	0.01	8.43	0.340
S4419	26.92	0.00	0.00	13.59	12.53	0.01	7.35	0.465
S4420	26.92	0.00	0.00	6.08	19.56	0.02	21.85	0.727
S4423	26.92	0.00	0.00	26.45	0.39	0.01	3.82	0.014
S4425	26.92	0.00	0.00	13.66	12.46	0.01	8.57	0.463
S4426	26.92	0.00	0.00	16.69	9.59	0.01	6.65	0.356
S4428	26.92	0.00	0.00	17.04	9.24	0.01	8.37	0.343
S4467	26.92	0.00	0.00	13.62	12.50	0.01	7.71	0.464
S4468	26.92	0.00	0.00	13.43	12.69	0.00	5.97	0.471
S4469	26.92	0.00	0.00	13.37	12.75	0.00	5.65	0.474
S4470	26.92	0.00	0.00	13.37	12.74	0.00	5.64	0.473
S4471	26.92	0.00	0.00	13.37	12.75	0.00	5.66	0.474
S4472	26.92	0.00	0.00	13.30	12.82	0.00	5.63	0.476
S4473	26.92	0.00	0.00	13.35	12.77	0.00	5.58	0.474
S4474	26.92	0.00	0.00	13.52	12.60	0.01	6.70	0.468
S4475	26.92	0.00	0.00	13.67	12.45	0.01	8.10	0.463
S4477	26.92	0.00	0.00	16.54	9.73	0.01	5.81	0.362
S4480	26.92	0.00	0.00	8.78	17.01	0.12	135.78	0.632
S4481	26.92	0.00	0.00	16.56	9.72	0.01	5.99	0.361
S4483	26.92	0.00	0.00	13.61	12.51	0.01	7.52	0.465
S4485	26.92	0.00	0.00	16.48	9.80	0.00	5.74	0.364
S4489	26.92	0.00	0.00	16.88	9.40	0.01	6.73	0.349
S4492	26.92	0.00	0.00	16.92	9.35	0.01	7.43	0.348
S4493	26.92	0.00	0.00	16.59	9.69	0.01	6.06	0.360
S4495	26.92	0.00	0.00	16.68	9.60	0.01	5.87	0.357
S45	26.92	0.00	0.00	7.34	18.29	0.13	66.20	0.679
S4502	26.92	0.00	0.00	16.69	9.59	0.01	6.41	0.356
S4503	26.92	0.00	0.00	13.59	12.53	0.01	7.81	0.465
S4505	26.92	0.00	0.00	13.55	12.57	0.01	6.67	0.467
S4506	26.92	0.00	0.00	13.33	12.79	0.01	6.30	0.475
S4507	26.92	0.00	0.00	16.75	9.52	0.01	6.60	0.354
S4511	26.92	0.00	0.00	16.69	9.59	0.01	6.14	0.356
S4512	26.92	0.00	0.00	16.70	9.58	0.01	5.95	0.356
S4514	26.92	0.00	0.00	16.67	9.61	0.01	6.64	0.357
S4517	26.92	0.00	0.00	13.52	12.60	0.01	6.59	0.468
S4521	26.92	0.00	0.00	16.58	9.69	0.01	6.16	0.360
S4524	26.92	0.00	0.00	13.64	12.48	0.01	7.79	0.464
S4526	26.92	0.00	0.00	13.40	12.72	0.00	6.16	0.473
S4527	26.92	0.00	0.00	16.84	9.44	0.01	6.11	0.351
S4529	26.92	0.00	0.00	13.53	12.59	0.01	6.87	0.468
S4531	26.92	0.00	0.00	16.71	9.57	0.01	6.54	0.355
S4532	26.92	0.00	0.00	16.65	9.63	0.01	6.19	0.358
S4536	26.92	0.00	0.00	17.04	9.24	0.01	9.05	0.343
S4540	26.92	0.00	0.00	13.48	12.64	0.00	5.98	0.470
S4542	26.92	0.00	0.00	13.47	12.65	0.01	6.51	0.470
S4543	26.92	0.00	0.00	13.66	12.46	0.01	7.84	0.463
S4546	26.92	0.00	0.00	13.84	12.28	0.01	9.92	0.456
S4547	26.92	0.00	0.00	13.56	12.56	0.01	6.75	0.467

S4549	26.92	0.00	0.00	13.53	12.58	0.01	6.64	0.468
S4552	26.92	0.00	0.00	16.54	9.73	0.01	5.72	0.362
S4553	26.92	0.00	0.00	13.48	12.64	0.01	6.84	0.470
S4554	26.92	0.00	0.00	13.40	12.71	0.01	7.01	0.472
S4555	26.92	0.00	0.00	13.51	12.61	0.01	6.86	0.469
S4556	26.92	0.00	0.00	13.48	12.63	0.01	6.99	0.469
S4558	26.92	0.00	0.00	13.61	12.51	0.01	6.60	0.465
S4559	26.92	0.00	0.00	13.47	12.65	0.01	7.12	0.470
S4560	26.92	0.00	0.00	13.45	12.67	0.01	6.67	0.471
S4561	26.92	0.00	0.00	13.52	12.60	0.01	6.48	0.468
S4562	26.92	0.00	0.00	13.53	12.59	0.01	6.57	0.468
S4563	26.92	0.00	0.00	16.77	9.51	0.01	7.45	0.353
S4596	26.92	0.00	0.00	6.77	18.87	0.19	134.72	0.701
S4598	26.92	0.00	0.00	13.50	12.62	0.00	5.96	0.469
S4599	26.92	0.00	0.00	13.60	12.52	0.01	6.62	0.465
S46	26.92	0.00	0.00	7.02	18.62	0.07	46.77	0.692
S4600	26.92	0.00	0.00	14.02	12.10	0.01	13.77	0.449
S4603	26.92	0.00	0.00	13.67	12.45	0.01	7.56	0.462
S4606	26.92	0.00	0.00	16.62	9.66	0.01	6.10	0.359
S4607	26.92	0.00	0.00	16.51	9.77	0.01	5.99	0.363
S4609	26.92	0.00	0.00	17.04	9.24	0.01	7.33	0.343
S4614	26.92	0.00	0.00	13.60	12.52	0.01	6.61	0.465
S4620	26.92	0.00	0.00	13.71	12.40	0.01	8.54	0.461
S4621	26.92	0.00	0.00	13.46	12.66	0.00	6.00	0.470
S4623	26.92	0.00	0.00	6.07	19.57	0.01	17.30	0.727
S4626	26.92	0.00	0.00	16.56	9.72	0.01	5.89	0.361
S4627	26.92	0.00	0.00	13.67	12.45	0.01	7.68	0.462
S4628	26.92	0.00	0.00	16.57	9.71	0.01	5.83	0.361
S4632	26.92	0.00	0.00	13.52	12.60	0.01	7.39	0.468
S4637	26.92	0.00	0.00	6.05	19.59	0.01	17.49	0.728
S4641	26.92	0.00	0.00	16.56	9.72	0.01	6.16	0.361
S4642	26.92	0.00	0.00	13.47	12.65	0.00	5.97	0.470
S4643	26.92	0.00	0.00	16.64	9.64	0.01	5.67	0.358
S4646	26.92	0.00	0.00	13.72	12.40	0.01	8.04	0.461
S4652	26.92	0.00	0.00	15.80	10.31	0.09	61.61	0.383
S4654	26.92	0.00	0.00	16.61	9.67	0.01	5.77	0.359
S4655	26.92	0.00	0.00	13.46	12.66	0.00	6.03	0.470
S4674	26.92	0.00	0.00	16.55	9.73	0.00	5.55	0.361
S4675	26.92	0.00	0.00	13.60	12.52	0.01	7.09	0.465
S47	26.92	0.00	0.00	9.06	16.73	0.17	175.96	0.622
S4700	26.92	0.00	0.00	13.46	12.66	0.01	6.39	0.470
S4701	26.92	0.00	0.00	13.85	12.27	0.01	8.72	0.456
S4706	26.92	0.00	0.00	13.38	12.74	0.00	5.57	0.473
S4707	26.92	0.00	0.00	13.39	12.72	0.00	5.84	0.473
S4708	26.92	0.00	0.00	13.56	12.56	0.01	6.65	0.467
S4710	26.92	0.00	0.00	13.49	12.63	0.01	6.05	0.469
S4711	26.92	0.00	0.00	13.34	12.77	0.00	5.64	0.475
S4712	26.92	0.00	0.00	13.51	12.61	0.01	6.12	0.468
S4713	26.92	0.00	0.00	13.73	12.39	0.01	6.91	0.460
S4714	26.92	0.00	0.00	13.55	12.57	0.01	6.16	0.467
S4716	26.92	0.00	0.00	13.37	12.75	0.00	5.60	0.474
S4718	26.92	0.00	0.00	13.50	12.61	0.01	6.34	0.469
S4720	26.92	0.00	0.00	13.50	12.62	0.01	6.46	0.469
S4722	26.92	0.00	0.00	13.37	12.75	0.00	5.60	0.474
S4723	26.92	0.00	0.00	13.58	12.54	0.01	6.42	0.466
S4725	26.92	0.00	0.00	13.49	12.63	0.01	6.69	0.469
S4730	26.92	0.00	0.00	13.38	12.74	0.00	5.59	0.473
S4731	26.92	0.00	0.00	13.49	12.63	0.01	6.68	0.469
S4732	26.92	0.00	0.00	13.69	12.43	0.01	6.98	0.462
S4734	26.92	0.00	0.00	13.95	12.17	0.01	11.47	0.452
S4735	26.92	0.00	0.00	13.46	12.66	0.01	6.43	0.470
S4736	26.92	0.00	0.00	13.41	12.71	0.00	5.51	0.472
S4740	26.92	0.00	0.00	13.43	12.69	0.00	6.06	0.471
S4741	26.92	0.00	0.00	13.74	12.38	0.01	8.64	0.460
S4742	26.92	0.00	0.00	13.39	12.73	0.00	5.54	0.473
S4745	26.92	0.00	0.00	13.72	12.40	0.01	7.20	0.461
S4746	26.92	0.00	0.00	13.48	12.64	0.00	5.43	0.470
S4747	26.92	0.00	0.00	14.28	11.83	0.01	15.07	0.440
S4748	26.92	0.00	0.00	6.06	19.58	0.01	17.34	0.727
S4751	26.92	0.00	0.00	13.43	12.69	0.00	5.48	0.471
S4755	26.92	0.00	0.00	13.36	12.76	0.00	5.62	0.474
S4757	26.92	0.00	0.00	13.47	12.65	0.01	6.68	0.470
S4760	26.92	0.00	0.00	13.70	12.42	0.01	7.86	0.461
S4761	26.92	0.00	0.00	13.44	12.68	0.01	6.12	0.471
S4765	26.92	0.00	0.00	6.07	19.57	0.01	16.95	0.727

S4766	26.92	0.00	0.00	13.59	12.53	0.01	6.74	0.466
S4774	26.92	0.00	0.00	14.33	11.79	0.01	13.42	0.438
S4775	26.92	0.00	0.00	13.45	12.67	0.01	6.43	0.471
S4776	26.92	0.00	0.00	6.07	19.57	0.01	17.07	0.727
S4779	26.92	0.00	0.00	13.80	12.31	0.01	7.41	0.457
S4783	26.92	0.00	0.00	13.71	12.40	0.01	6.67	0.461
S4786	26.92	0.00	0.00	13.58	12.54	0.01	6.87	0.466
S4793	26.92	0.00	0.00	6.09	19.54	0.01	16.53	0.726
S4794	26.92	0.00	0.00	13.44	12.68	0.01	6.29	0.471
S4797	26.92	0.00	0.00	13.65	12.47	0.01	6.28	0.463
S4798	26.92	0.00	0.00	13.45	12.67	0.01	6.39	0.471
S48	26.92	0.00	0.00	10.08	15.79	0.02	22.98	0.587
S4801	26.92	0.00	0.00	13.43	12.69	0.00	5.94	0.472
S4802	26.92	0.00	0.00	13.47	12.65	0.01	6.47	0.470
S4808	26.92	0.00	0.00	13.55	12.57	0.01	6.45	0.467
S4810	26.92	0.00	0.00	13.43	12.68	0.00	5.47	0.471
S4820	26.92	0.00	0.00	13.54	12.58	0.01	6.58	0.467
S4831	26.92	0.00	0.00	6.11	19.53	0.01	16.35	0.726
S4832	26.92	0.00	0.00	13.37	12.75	0.00	5.59	0.474
S4842	26.92	0.00	0.00	13.59	12.52	0.01	6.60	0.465
S4844	26.92	0.00	0.00	13.36	12.76	0.00	5.63	0.474
S4845	26.92	0.00	0.00	13.60	12.52	0.01	6.72	0.465
S4847	26.92	0.00	0.00	13.35	12.77	0.00	5.65	0.475
S4848	26.92	0.00	0.00	13.66	12.46	0.01	6.17	0.463
S4851	26.92	0.00	0.00	14.03	12.09	0.01	13.15	0.449
S4852	26.92	0.00	0.00	13.59	12.53	0.01	6.39	0.465
S4853	26.92	0.00	0.00	6.01	19.63	0.01	7.19	0.729
S4854	26.92	0.00	0.00	13.52	12.60	0.01	6.90	0.468
S4855	26.92	0.00	0.00	13.58	12.53	0.01	6.39	0.466
S4856	26.92	0.00	0.00	13.40	12.72	0.00	5.55	0.473
S4860	26.92	0.00	0.00	13.38	12.74	0.00	5.59	0.473
S4864	26.92	0.00	0.00	13.36	12.76	0.00	5.62	0.474
S4866	26.92	0.00	0.00	13.37	12.75	0.00	5.60	0.474
S4869	26.92	0.00	0.00	13.45	12.67	0.00	5.47	0.471
S4871	26.92	0.00	0.00	13.92	12.20	0.01	10.52	0.453
S4873	26.92	0.00	0.00	6.12	19.52	0.01	16.06	0.725
S4874	26.92	0.00	0.00	13.39	12.73	0.00	5.56	0.473
S4876	26.92	0.00	0.00	13.67	12.44	0.01	7.91	0.462
S4885	26.92	0.00	0.00	13.48	12.64	0.01	6.64	0.470
S4887	26.92	0.00	0.00	4.83	20.81	0.05	63.99	0.773
S4888	26.92	0.00	0.00	13.45	12.67	0.00	6.06	0.471
S4890	26.92	0.00	0.00	13.40	12.72	0.01	6.26	0.472
S4895	26.92	0.00	0.00	13.37	12.74	0.01	7.32	0.473
S49	26.92	0.00	0.00	17.88	8.40	0.03	28.49	0.312
S4900	26.92	0.00	0.00	13.63	12.49	0.01	6.56	0.464
S4920	26.92	0.00	0.00	13.54	12.58	0.00	5.64	0.467
S4934	26.92	0.00	0.00	13.42	12.70	0.00	5.95	0.472
S4957	26.92	0.00	0.00	13.43	12.68	0.00	6.05	0.471
S4961	26.92	0.00	0.00	13.41	12.71	0.01	6.21	0.472
S4965	26.92	0.00	0.00	13.52	12.60	0.01	6.12	0.468
S4968	26.92	0.00	0.00	13.51	12.61	0.01	6.24	0.468
S4971	26.92	0.00	0.00	13.48	12.64	0.01	6.42	0.470
S4973	26.92	0.00	0.00	13.49	12.63	0.01	6.51	0.469
S4974	26.92	0.00	0.00	4.84	20.79	0.05	63.28	0.772
S4978	26.92	0.00	0.00	13.57	12.55	0.01	6.47	0.466
S4980	26.92	0.00	0.00	13.53	12.59	0.01	6.65	0.468
S4981	26.92	0.00	0.00	13.52	12.60	0.01	6.66	0.468
S4986	26.92	0.00	0.00	13.32	12.80	0.01	6.79	0.476
S4988	26.92	0.00	0.00	13.86	12.26	0.01	10.49	0.456
S4990	26.92	0.00	0.00	13.70	12.41	0.01	8.88	0.461
S4999	26.92	0.00	0.00	14.23	11.89	0.01	15.11	0.442
S5	26.92	0.00	0.00	7.74	18.06	0.09	81.17	0.671
S50	26.92	0.00	0.00	17.90	8.38	0.03	28.02	0.311
S5005	26.92	0.00	0.00	4.84	20.80	0.05	63.41	0.773
S5008	26.92	0.00	0.00	25.92	0.91	0.03	19.31	0.034
S5070	26.92	0.00	0.00	4.82	20.82	0.05	62.85	0.773
S5096	26.92	0.00	0.00	13.72	12.39	0.01	7.44	0.460
S51	26.92	0.00	0.00	17.87	8.40	0.03	28.38	0.312
S5114	26.92	0.00	0.00	13.82	12.30	0.01	7.29	0.457
S5127	26.92	0.00	0.00	13.73	12.39	0.01	7.43	0.460
S5141	26.92	0.00	0.00	13.75	12.37	0.01	7.40	0.459
S5143	26.92	0.00	0.00	4.83	20.80	0.11	128.25	0.773
S5152	26.92	0.00	0.00	13.71	12.40	0.01	7.46	0.461
S5155	26.92	0.00	0.00	13.77	12.35	0.01	7.37	0.459
S5166	26.92	0.00	0.00	13.84	12.28	0.01	7.26	0.456

S5168	26.92	0.00	0.00	5.13	20.50	1.07	790.16	0.762
S5171	26.92	0.00	0.00	13.78	12.34	0.01	7.35	0.458
S5181	26.92	0.00	0.00	13.83	12.29	0.01	7.27	0.456
S5183	26.92	0.00	0.00	13.91	12.21	0.01	7.15	0.454
S5190	26.92	0.00	0.00	13.75	12.36	0.01	7.39	0.459
S5191	26.92	0.00	0.00	13.90	12.22	0.01	7.17	0.454
S52	26.92	0.00	0.00	19.25	7.03	0.02	16.95	0.261
S5209	26.92	0.00	0.00	13.84	12.28	0.01	7.26	0.456
S5211	26.92	0.00	0.00	13.87	12.24	0.01	7.20	0.455
S5227	26.92	0.00	0.00	13.60	12.52	0.01	7.68	0.465
S5229	26.92	0.00	0.00	13.77	12.35	0.01	7.36	0.459
S5232	26.92	0.00	0.00	14.42	11.69	0.02	16.48	0.434
S5233	26.92	0.00	0.00	13.86	12.25	0.01	6.90	0.455
S5235	26.92	0.00	0.00	13.71	12.41	0.01	7.47	0.461
S5236	26.92	0.00	0.00	13.73	12.38	0.01	7.43	0.460
S5239	26.92	0.00	0.00	4.85	20.79	0.05	65.09	0.772
S5240	26.92	0.00	0.00	13.41	12.71	0.00	5.66	0.472
S5242	26.92	0.00	0.00	13.81	12.30	0.01	7.30	0.457
S5250	26.92	0.00	0.00	13.98	12.14	0.01	7.05	0.451
S5253	26.92	0.00	0.00	13.36	12.76	0.00	5.75	0.474
S5259	26.92	0.00	0.00	13.39	12.73	0.00	5.69	0.473
S5261	26.92	0.00	0.00	13.63	12.49	0.01	7.63	0.464
S5265	26.92	0.00	0.00	13.89	12.23	0.01	7.17	0.454
S5270	26.92	0.00	0.00	13.35	12.77	0.00	5.77	0.474
S5272	26.92	0.00	0.00	13.71	12.41	0.01	7.47	0.461
S5274	26.92	0.00	0.00	13.78	12.34	0.01	7.35	0.458
S5275	26.92	0.00	0.00	4.82	20.81	0.04	54.71	0.773
S5276	26.92	0.00	0.00	13.72	12.39	0.01	6.86	0.460
S5279	26.92	0.00	0.00	13.32	12.80	0.00	5.83	0.475
S5285	26.92	0.00	0.00	13.78	12.34	0.01	7.35	0.458
S5288	26.92	0.00	0.00	13.67	12.45	0.01	7.55	0.463
S5289	26.92	0.00	0.00	13.29	12.83	0.00	5.90	0.477
S5292	26.92	0.00	0.00	2.35	23.13	0.05	60.87	0.859
S5293	26.92	0.00	0.00	2.35	23.13	0.06	75.20	0.859
S5297	26.92	0.00	0.00	13.29	12.83	0.00	5.89	0.476
S5298	26.92	0.00	0.00	13.78	12.33	0.01	7.34	0.458
S53	26.92	0.00	0.00	17.79	8.48	0.03	23.21	0.315
S5304	26.92	0.00	0.00	13.81	12.31	0.01	7.31	0.457
S5305	26.92	0.00	0.00	2.37	23.11	0.13	147.96	0.858
S5308	26.92	0.00	0.00	13.32	12.80	0.00	5.84	0.476
S5309	26.92	0.00	0.00	13.75	12.37	0.01	7.40	0.460
S5313	26.92	0.00	0.00	4.83	20.81	0.05	58.91	0.773
S5316	26.92	0.00	0.00	13.76	12.36	0.01	7.39	0.459
S5318	26.92	0.00	0.00	13.22	12.90	0.00	6.06	0.479
S5322	26.92	0.00	0.00	13.81	12.31	0.01	7.30	0.457
S5323	26.92	0.00	0.00	13.47	12.65	0.00	5.55	0.470
S5327	26.92	0.00	0.00	13.76	12.36	0.01	7.38	0.459
S5335	26.92	0.00	0.00	13.63	12.48	0.01	7.61	0.464
S5338	26.92	0.00	0.00	13.73	12.39	0.01	7.44	0.460
S5341	26.92	0.00	0.00	13.60	12.52	0.01	6.81	0.465
S5343	26.92	0.00	0.00	4.83	20.81	0.05	56.55	0.773
S5345	26.92	0.00	0.00	13.69	12.42	0.01	7.50	0.462
S5346	26.92	0.00	0.00	2.37	23.11	0.10	117.88	0.858
S5352	26.92	0.00	0.00	13.71	12.41	0.01	7.47	0.461
S5357	26.92	0.00	0.00	13.30	12.82	0.00	5.85	0.476
S5358	26.92	0.00	0.00	13.70	12.42	0.01	7.49	0.461
S5360	26.92	0.00	0.00	13.32	12.80	0.00	5.79	0.476
S5361	26.92	0.00	0.00	13.77	12.35	0.01	7.37	0.459
S5369	26.92	0.00	0.00	2.37	23.10	0.12	132.36	0.858
S5373	26.92	0.00	0.00	13.34	12.78	0.00	5.77	0.475
S5374	26.92	0.00	0.00	13.76	12.36	0.01	7.38	0.459
S5377	26.92	0.00	0.00	13.74	12.38	0.01	7.42	0.460
S5380	26.92	0.00	0.00	4.82	20.82	0.05	56.90	0.773
S5381	26.92	0.00	0.00	13.24	12.88	0.00	5.98	0.478
S5383	26.92	0.00	0.00	13.74	12.38	0.01	7.42	0.460
S5390	26.92	0.00	0.00	13.78	12.34	0.01	7.36	0.459
S5393	26.92	0.00	0.00	13.71	12.41	0.01	6.65	0.461
S5394	26.92	0.00	0.00	13.35	12.77	0.00	5.73	0.474
S5398	26.92	0.00	0.00	13.76	12.36	0.01	7.38	0.459
S5399	26.92	0.00	0.00	13.33	12.79	0.00	5.80	0.475
S54	26.92	0.00	0.00	17.61	8.67	0.03	24.17	0.322
S5400	26.92	0.00	0.00	13.70	12.42	0.01	7.49	0.461
S5410	26.92	0.00	0.00	2.37	23.11	0.10	115.84	0.858
S5411	26.92	0.00	0.00	13.24	12.88	0.00	4.33	0.479
S5414	26.92	0.00	0.00	13.27	12.85	0.00	5.93	0.477

S5415	26.92	0.00	0.00	13.71	12.41	0.01	7.47	0.461
S5421	26.92	0.00	0.00	13.58	12.54	0.00	5.79	0.466
S5422	26.92	0.00	0.00	4.81	20.82	0.05	57.19	0.774
S5424	26.92	0.00	0.00	13.32	12.80	0.00	5.81	0.475
S5430	26.92	0.00	0.00	13.76	12.36	0.01	7.38	0.459
S5431	26.92	0.00	0.00	13.54	12.58	0.00	5.84	0.467
S5432	26.92	0.00	0.00	13.32	12.80	0.00	5.82	0.475
S5436	26.92	0.00	0.00	13.60	12.52	0.01	7.67	0.465
S5437	26.92	0.00	0.00	13.33	12.78	0.00	5.79	0.475
S5440	26.92	0.00	0.00	13.82	12.30	0.01	7.29	0.457
S5443	26.92	0.00	0.00	2.37	23.11	0.11	130.57	0.859
S5444_1	26.92	0.00	0.00	4.88	20.75	0.09	99.33	0.771
S5444_2	26.92	0.00	0.00	4.97	20.67	0.19	194.68	0.768
S5446	26.92	0.00	0.00	13.85	12.27	0.01	7.25	0.456
S5448	26.92	0.00	0.00	13.71	12.41	0.01	7.47	0.461
S5450	26.92	0.00	0.00	13.77	12.35	0.01	6.66	0.459
S5460	26.92	0.00	0.00	13.87	12.25	0.01	7.22	0.455
S5470	26.92	0.00	0.00	13.79	12.33	0.01	7.33	0.458
S5472	26.92	0.00	0.00	13.36	12.76	0.00	5.76	0.474
S5473	26.92	0.00	0.00	4.86	20.78	0.07	81.81	0.772
S5477	26.92	0.00	0.00	13.75	12.37	0.01	7.40	0.459
S5479	26.92	0.00	0.00	13.66	12.46	0.01	7.57	0.463
S5482	26.92	0.00	0.00	13.45	12.67	0.00	5.59	0.471
S5488	26.92	0.00	0.00	13.44	12.68	0.00	5.61	0.471
S5489	26.92	0.00	0.00	13.78	12.34	0.01	7.35	0.458
S5491	26.92	0.00	0.00	13.80	12.32	0.01	7.32	0.458
S5496	26.92	0.00	0.00	13.45	12.67	0.00	5.58	0.471
S5497	26.92	0.00	0.00	13.90	12.22	0.01	9.89	0.454
S5498	26.92	0.00	0.00	13.82	12.30	0.01	7.28	0.457
S55	26.92	0.00	0.00	17.52	8.76	0.02	22.89	0.325
S5501	26.92	0.00	0.00	13.80	12.31	0.01	7.31	0.457
S5502	26.92	0.00	0.00	13.70	12.42	0.01	6.87	0.461
S5504	26.92	0.00	0.00	13.41	12.71	0.00	5.65	0.472
S5508	26.92	0.00	0.00	13.79	12.33	0.01	7.33	0.458
S5509	26.92	0.00	0.00	4.88	20.76	0.07	84.46	0.771
S5511	26.92	0.00	0.00	13.71	12.41	0.01	7.48	0.461
S5512	26.92	0.00	0.00	13.42	12.70	0.00	5.64	0.472
S5514	26.92	0.00	0.00	2.37	23.11	0.10	112.88	0.858
S5516	26.92	0.00	0.00	13.39	12.73	0.00	5.70	0.473
S5517	26.92	0.00	0.00	13.72	12.40	0.01	7.45	0.461
S5529	26.92	0.00	0.00	13.89	12.23	0.01	7.18	0.454
S5533	26.92	0.00	0.00	13.34	12.78	0.00	5.79	0.475
S5542	26.92	0.00	0.00	13.65	12.47	0.01	7.59	0.463
S5543	26.92	0.00	0.00	13.86	12.26	0.01	7.23	0.456
S5549	26.92	0.00	0.00	13.64	12.48	0.01	7.60	0.464
S5550	26.92	0.00	0.00	4.93	20.71	0.11	116.85	0.769
S5551	26.92	0.00	0.00	13.79	12.33	0.01	10.24	0.458
S5553	26.92	0.00	0.00	13.77	12.34	0.01	7.36	0.459
S5554	26.92	0.00	0.00	13.70	12.42	0.01	7.50	0.461
S5566	26.92	0.00	0.00	13.60	12.52	0.01	7.68	0.465
S5567	26.92	0.00	0.00	4.88	20.76	0.08	97.98	0.771
S5568	26.92	0.00	0.00	4.87	20.77	0.06	71.78	0.772
S5570	26.92	0.00	0.00	13.66	12.46	0.01	7.03	0.463
S5571	26.92	0.00	0.00	4.82	20.82	0.04	51.91	0.773
S5572	26.92	0.00	0.00	13.75	12.37	0.01	7.42	0.460
S5574	26.92	0.00	0.00	13.68	12.44	0.01	7.53	0.462
S5578	26.92	0.00	0.00	13.46	12.66	0.00	5.56	0.470
S5579	26.92	0.00	0.00	4.88	20.76	0.11	131.90	0.771
S5581	26.92	0.00	0.00	13.81	12.30	0.01	7.31	0.457
S5583	26.92	0.00	0.00	13.78	12.33	0.01	7.34	0.458
S5584	26.92	0.00	0.00	13.21	12.91	0.00	6.09	0.479
S5585	26.92	0.00	0.00	2.38	23.10	0.10	111.13	0.858
S5588	26.92	0.00	0.00	4.83	20.81	0.05	55.45	0.773
S5594	26.92	0.00	0.00	13.63	12.49	0.00	5.72	0.464
S5598	26.92	0.00	0.00	13.39	12.73	0.00	5.70	0.473
S56	26.92	0.00	0.00	17.52	8.76	0.02	22.89	0.325
S5602	26.92	0.00	0.00	13.62	12.50	0.01	7.64	0.464
S5606	26.92	0.00	0.00	13.76	12.36	0.01	9.26	0.459
S5608	26.92	0.00	0.00	13.51	12.61	0.00	5.49	0.469
S5620	26.92	0.00	0.00	25.92	0.92	0.01	7.93	0.034
S5621	26.92	0.00	0.00	13.67	12.45	0.01	7.11	0.463
S5622	26.92	0.00	0.00	14.20	11.92	0.01	10.13	0.443
S5624	26.92	0.00	0.00	13.43	12.69	0.00	5.62	0.471
S5627	26.92	0.00	0.00	13.54	12.57	0.00	5.85	0.467
S5628	26.92	0.00	0.00	13.78	12.34	0.01	7.37	0.458

S5630	26.92	0.00	0.00	13.23	12.89	0.00	6.03	0.479
S5632	26.92	0.00	0.00	4.87	20.77	0.06	72.89	0.772
S5634	26.92	0.00	0.00	13.59	12.53	0.00	5.79	0.466
S5635	26.92	0.00	0.00	13.34	12.78	0.00	5.78	0.475
S5637	26.92	0.00	0.00	13.65	12.47	0.01	7.60	0.463
S5639	26.92	0.00	0.00	4.82	20.81	0.04	51.09	0.773
S5640	26.92	0.00	0.00	4.89	20.75	0.08	96.49	0.771
S5641	26.92	0.00	0.00	4.90	20.74	0.09	104.02	0.770
S5642	26.92	0.00	0.00	13.37	12.74	0.00	5.72	0.473
S5643	26.92	0.00	0.00	13.87	12.25	0.01	7.23	0.455
S5645	26.92	0.00	0.00	13.70	12.42	0.01	7.50	0.461
S5648	26.92	0.00	0.00	13.18	12.93	0.00	6.16	0.481
S5649	26.92	0.00	0.00	2.36	23.11	0.09	100.52	0.859
S5650	26.92	0.00	0.00	13.83	12.29	0.01	7.29	0.457
S5652	26.92	0.00	0.00	13.26	12.85	0.00	5.96	0.478
S5660	26.92	0.00	0.00	13.69	12.42	0.01	7.51	0.462
S5661	26.92	0.00	0.00	25.97	0.87	0.03	20.42	0.032
S5663	26.92	0.00	0.00	13.83	12.29	0.01	7.30	0.456
S5664	26.92	0.00	0.00	13.79	12.33	0.01	7.36	0.458
S5667	26.92	0.00	0.00	13.60	12.51	0.01	8.08	0.465
S5670	26.92	0.00	0.00	13.74	12.38	0.01	7.45	0.460
S5671	26.92	0.00	0.00	13.80	12.32	0.01	7.33	0.458
S5672	26.92	0.00	0.00	4.86	20.78	0.06	76.77	0.772
S5674	26.92	0.00	0.00	4.92	20.71	0.11	124.61	0.770
S5675	26.92	0.00	0.00	13.39	12.73	0.00	5.70	0.473
S5677	26.92	0.00	0.00	13.80	12.32	0.01	7.35	0.458
S5680	26.92	0.00	0.00	13.78	12.33	0.01	7.36	0.458
S5681	26.92	0.00	0.00	13.34	12.78	0.00	5.80	0.475
S5685	26.92	0.00	0.00	13.73	12.39	0.01	7.46	0.460
S5687	26.92	0.00	0.00	13.36	12.76	0.00	5.76	0.474
S5688	26.92	0.00	0.00	13.73	12.38	0.01	7.44	0.460
S5689	26.92	0.00	0.00	4.87	20.77	0.08	99.05	0.772
S5699	26.92	0.00	0.00	13.35	12.77	0.00	5.77	0.474
S57	26.92	0.00	0.00	17.52	8.76	0.02	22.88	0.326
S5700	26.92	0.00	0.00	13.81	12.31	0.01	7.33	0.457
S5705	26.92	0.00	0.00	13.88	12.24	0.01	8.84	0.455
S5706	26.92	0.00	0.00	13.33	12.79	0.00	5.82	0.475
S5708	26.92	0.00	0.00	13.66	12.46	0.01	7.59	0.463
S5709	26.92	0.00	0.00	13.38	12.74	0.00	5.71	0.473
S5711	26.92	0.00	0.00	13.66	12.46	0.01	7.59	0.463
S5712	26.92	0.00	0.00	13.27	12.85	0.00	5.94	0.477
S5715	26.92	0.00	0.00	13.35	12.77	0.00	5.20	0.474
S5716	26.92	0.00	0.00	13.34	12.78	0.00	5.79	0.475
S5717	26.92	0.00	0.00	13.44	12.68	0.01	6.24	0.471
S5718	26.92	0.00	0.00	13.71	12.40	0.01	7.42	0.461
S5719	26.92	0.00	0.00	14.59	11.53	0.01	14.92	0.428
S5720	26.92	0.00	0.00	14.41	11.71	0.01	12.85	0.435
S5721	26.92	0.00	0.00	14.17	11.95	0.01	10.69	0.444
S5722	26.92	0.00	0.00	4.92	20.72	0.02	26.93	0.770
S5724	26.92	0.00	0.00	4.91	20.72	0.14	156.08	0.770
S5725	26.92	0.00	0.00	4.84	20.80	0.06	72.57	0.773
S5726	26.92	0.00	0.00	13.44	12.68	0.00	5.61	0.471
S5727	26.92	0.00	0.00	4.85	20.79	0.05	64.26	0.772
S5728	26.92	0.00	0.00	4.85	20.79	0.08	95.25	0.772
S5729	26.92	0.00	0.00	4.95	20.69	0.13	139.61	0.769
S5731	26.92	0.00	0.00	4.88	20.75	0.10	113.74	0.771
S5732	26.92	0.00	0.00	4.88	20.76	0.09	100.50	0.771
S5733	26.92	0.00	0.00	4.84	20.80	0.08	94.26	0.773
S5738_10	26.92	0.00	0.00	12.50	13.36	0.25	109.81	0.496
S5738_11	26.92	0.00	0.00	25.64	1.20	0.01	8.24	0.045
S5738_12	26.92	0.00	0.00	7.45	18.34	0.03	39.95	0.681
S5738_13	26.92	0.00	0.00	7.57	18.22	0.04	44.52	0.677
S5738_14	26.92	0.00	0.00	10.80	15.08	0.06	59.07	0.560
S5738_15	26.92	0.00	0.00	7.50	18.29	0.03	36.65	0.680
S5738_17	26.92	0.00	0.00	11.66	14.21	0.10	66.20	0.528
S5738_18	26.92	0.00	0.00	11.30	14.58	0.07	56.51	0.542
S5738_19	26.92	0.00	0.00	24.73	2.11	0.01	5.21	0.078
S5738_2	26.92	0.00	0.00	7.47	18.33	0.03	34.95	0.681
S5738_20	26.92	0.00	0.00	6.98	18.82	0.01	6.83	0.699
S5738_3	26.92	0.00	0.00	11.25	14.62	0.08	60.91	0.543
S5738_4	26.92	0.00	0.00	12.93	12.91	0.34	104.45	0.480
S5738_5	26.92	0.00	0.00	10.87	15.01	0.06	51.81	0.558
S5738_6	26.92	0.00	0.00	25.01	1.83	0.01	5.67	0.068
S5738_7	26.92	0.00	0.00	11.64	14.23	0.10	67.38	0.529
S5738_8	26.92	0.00	0.00	11.69	14.18	0.10	70.12	0.527

S5738_9	26.92	0.00	0.00	7.42	18.38	0.02	28.72	0.683
S5739	26.92	0.00	0.00	13.51	12.61	0.00	5.49	0.469
S5758	26.92	0.00	0.00	13.84	12.28	0.01	10.18	0.456
S5760	26.92	0.00	0.00	4.80	20.84	0.13	157.29	0.774
S5761	26.92	0.00	0.00	4.81	20.83	0.13	161.38	0.774
S5766	26.92	0.00	0.00	2.35	23.13	0.14	171.57	0.859
S5769	26.92	0.00	0.00	26.28	0.56	0.04	21.25	0.021
S5770	26.92	0.00	0.00	26.35	0.49	0.03	15.71	0.018
S5771	26.92	0.00	0.00	13.77	12.35	0.01	11.34	0.459
S5772	26.92	0.00	0.00	13.88	12.24	0.01	8.30	0.455
S5773	26.92	0.00	0.00	13.70	12.42	0.01	8.64	0.461
S5774	26.92	0.00	0.00	13.77	12.35	0.01	8.52	0.459
S5775	26.92	0.00	0.00	13.82	12.29	0.01	8.42	0.457
S5776	26.92	0.00	0.00	13.82	12.30	0.01	8.42	0.457
S5777	26.92	0.00	0.00	13.64	12.48	0.01	8.80	0.464
S5778	26.92	0.00	0.00	13.67	12.45	0.01	8.73	0.462
S5779	26.92	0.00	0.00	13.89	12.23	0.01	8.33	0.454
S5780	26.92	0.00	0.00	13.62	12.50	0.01	8.85	0.464
S5781	26.92	0.00	0.00	13.76	12.36	0.01	8.56	0.459
S5782	26.92	0.00	0.00	4.77	20.87	0.01	15.84	0.775
S5783	26.92	0.00	0.00	4.84	20.80	0.01	15.12	0.773
S5784	26.92	0.00	0.00	4.83	20.81	0.01	15.17	0.773
S5785	26.92	0.00	0.00	4.80	20.84	0.01	12.17	0.774
S5786	26.92	0.00	0.00	4.75	20.89	0.01	8.14	0.776
S5787	26.92	0.00	0.00	4.94	20.70	0.04	48.59	0.769
S5788_2	26.92	0.00	0.00	25.08	1.76	0.04	27.92	0.065
S5788_3	26.92	0.00	0.00	24.68	2.16	0.03	26.12	0.080
S5791	26.92	0.00	0.00	16.47	9.81	0.01	8.47	0.364
S5793	26.92	0.00	0.00	16.27	10.01	0.00	5.95	0.372
S5794	26.92	0.00	0.00	16.38	9.90	0.00	6.06	0.368
S5795	26.92	0.00	0.00	16.39	9.89	0.00	5.91	0.367
S5796	26.92	0.00	0.00	4.91	20.72	0.04	50.07	0.770
S5797	26.92	0.00	0.00	16.53	9.74	0.01	6.30	0.362
S5798	26.92	0.00	0.00	16.60	9.68	0.01	7.75	0.360
S58	26.92	0.00	0.00	10.22	15.66	0.04	47.70	0.582
S5800	26.92	0.00	0.00	16.60	9.68	0.01	6.64	0.360
S5801	26.92	0.00	0.00	16.64	9.63	0.01	7.61	0.358
S5802	26.92	0.00	0.00	17.24	9.04	0.01	8.88	0.336
S5804	26.92	0.00	0.00	16.72	9.56	0.01	8.13	0.355
S5806	26.92	0.00	0.00	16.84	9.44	0.01	8.36	0.351
S5808	26.92	0.00	0.00	16.75	9.53	0.01	7.29	0.354
S5809	26.92	0.00	0.00	17.34	8.94	0.01	10.37	0.332
S5811	26.92	0.00	0.00	16.71	9.57	0.01	7.82	0.356
S5812	26.92	0.00	0.00	16.87	9.41	0.01	6.98	0.350
S5813	26.92	0.00	0.00	17.24	9.04	0.01	10.75	0.336
S5826	26.92	0.00	0.00	16.99	9.29	0.01	9.30	0.345
S5827	26.92	0.00	0.00	16.70	9.58	0.01	7.45	0.356
S5829	26.92	0.00	0.00	16.75	9.53	0.01	8.46	0.354
S5830	26.92	0.00	0.00	16.44	9.84	0.01	7.23	0.365
S5833	26.92	0.00	0.00	16.65	9.63	0.01	7.60	0.358
S5835	26.92	0.00	0.00	16.19	10.09	0.00	6.03	0.375
S5836	26.92	0.00	0.00	16.83	9.45	0.01	8.17	0.351
S5838	26.92	0.00	0.00	16.58	9.70	0.01	7.81	0.360
S5840	26.92	0.00	0.00	16.92	9.36	0.01	8.95	0.348
S5841	26.92	0.00	0.00	16.69	9.59	0.01	7.46	0.356
S5842	26.92	0.00	0.00	17.00	9.28	0.01	8.72	0.345
S5845	26.92	0.00	0.00	16.67	9.61	0.01	7.53	0.357
S5846	26.92	0.00	0.00	17.16	9.12	0.01	8.32	0.339
S5848	26.92	0.00	0.00	16.58	9.70	0.01	7.87	0.360
S5850	26.92	0.00	0.00	16.92	9.36	0.01	8.96	0.348
S5851	26.92	0.00	0.00	26.05	0.79	0.02	9.29	0.029
S5852	26.92	0.00	0.00	16.88	9.40	0.01	7.70	0.349
S5854	26.92	0.00	0.00	16.60	9.68	0.01	7.99	0.360
S5855	26.92	0.00	0.00	16.98	9.30	0.01	8.78	0.345
S5858	26.92	0.00	0.00	16.56	9.72	0.01	8.51	0.361
S5862	26.92	0.00	0.00	17.03	9.24	0.01	10.45	0.343
S5864	26.92	0.00	0.00	17.16	9.12	0.01	9.10	0.339
S5865	26.92	0.00	0.00	17.20	9.08	0.01	7.90	0.337
S5868	26.92	0.00	0.00	16.99	9.29	0.01	9.31	0.345
S5869	26.92	0.00	0.00	16.77	9.51	0.01	7.80	0.353
S5872	26.92	0.00	0.00	16.77	9.51	0.01	7.77	0.353
S5873	26.92	0.00	0.00	16.83	9.45	0.01	8.37	0.351
S5875	26.92	0.00	0.00	16.88	9.39	0.01	7.43	0.349
S5877	26.92	0.00	0.00	16.67	9.61	0.01	7.46	0.357
S5880	26.92	0.00	0.00	16.70	9.58	0.01	7.91	0.356

S5883	26.92	0.00	0.00	16.38	9.90	0.01	6.78	0.368
S5884	26.92	0.00	0.00	16.76	9.52	0.01	7.72	0.354
S5888	26.92	0.00	0.00	16.65	9.63	0.01	8.03	0.358
S5890	26.92	0.00	0.00	16.78	9.49	0.01	7.60	0.353
S5893	26.92	0.00	0.00	16.86	9.42	0.01	7.39	0.350
S5894	26.92	0.00	0.00	16.63	9.65	0.01	6.68	0.358
S5898	26.92	0.00	0.00	16.77	9.51	0.01	7.59	0.353
S5899	26.92	0.00	0.00	16.89	9.39	0.01	7.25	0.349
S59	26.92	0.00	0.00	10.61	15.27	0.05	46.27	0.567
S5903	26.92	0.00	0.00	16.81	9.47	0.01	7.44	0.352
S5905	26.92	0.00	0.00	16.64	9.63	0.01	7.90	0.358
S5906	26.92	0.00	0.00	16.71	9.57	0.01	7.66	0.355
S5916	26.92	0.00	0.00	17.57	8.71	0.02	14.73	0.324
S5937	26.92	0.00	0.00	25.42	1.42	0.01	9.55	0.053
S5939	26.92	0.00	0.00	26.26	0.58	0.03	18.24	0.022
S5957	26.92	0.00	0.00	26.53	0.31	0.07	38.69	0.012
S5964	26.92	0.00	0.00	25.35	1.48	0.27	315.35	0.055
S5965	26.92	0.00	0.00	26.62	0.22	0.07	36.18	0.008
S5971	26.92	0.00	0.00	26.63	0.20	0.06	30.59	0.008
S5975_1	26.92	0.00	0.00	24.57	2.27	0.02	15.24	0.084
S5975_2	26.92	0.00	0.00	25.49	1.35	0.06	42.83	0.050
S6	26.92	0.00	0.00	7.50	18.30	0.04	47.63	0.680
S60	26.92	0.00	0.00	11.38	14.49	0.20	151.22	0.538
S6038	26.92	0.00	0.00	25.37	1.47	0.70	813.87	0.055
S6040	26.92	0.00	0.00	25.88	0.95	0.31	91.22	0.035
S6041	26.92	0.00	0.00	26.60	0.24	0.07	37.99	0.009
S6199	26.92	0.00	0.00	7.55	18.25	0.05	49.90	0.678
S62	26.92	0.00	0.00	18.49	7.79	0.04	38.50	0.289
S6202	26.92	0.00	0.00	7.87	17.92	0.16	102.65	0.666
S6203	26.92	0.00	0.00	7.83	17.96	0.12	86.88	0.667
S6204_2	26.92	0.00	0.00	7.69	18.11	0.07	68.24	0.673
S6283_1	26.92	0.00	0.00	7.33	18.47	0.02	28.59	0.686
S6283_2	26.92	0.00	0.00	7.77	18.02	0.10	85.89	0.669
S6284_1	26.92	0.00	0.00	10.65	15.29	0.40	177.89	0.568
S6284_3	26.92	0.00	0.00	10.62	15.32	0.32	167.27	0.569
S63	26.92	0.00	0.00	18.35	7.93	0.04	35.07	0.295
S6303	26.92	0.00	0.00	7.20	18.60	0.02	19.92	0.691
S6304	26.92	0.00	0.00	7.34	18.46	0.02	27.62	0.686
S6305_1	26.92	0.00	0.00	7.73	18.06	0.09	78.48	0.671
S6305_10	26.92	0.00	0.00	7.65	18.14	0.07	73.03	0.674
S6305_11	26.92	0.00	0.00	7.43	18.37	0.03	38.83	0.682
S6305_12	26.92	0.00	0.00	7.72	18.08	0.08	74.99	0.672
S6305_13	26.92	0.00	0.00	7.44	18.36	0.03	35.29	0.682
S6305_17	26.92	0.00	0.00	7.52	18.27	0.05	50.95	0.679
S6305_18	26.92	0.00	0.00	7.44	18.36	0.03	40.24	0.682
S6305_19	26.92	0.00	0.00	7.44	18.36	0.03	38.66	0.682
S6305_2	26.92	0.00	0.00	12.78	13.34	0.02	24.92	0.496
S6305_20	26.92	0.00	0.00	7.40	18.40	0.03	31.90	0.684
S6305_21	26.92	0.00	0.00	7.58	18.22	0.04	47.81	0.677
S6305_22	26.92	0.00	0.00	7.49	18.31	0.03	38.89	0.680
S6305_23	26.92	0.00	0.00	7.65	18.15	0.06	59.36	0.674
S6305_24	26.92	0.00	0.00	7.58	18.22	0.05	57.50	0.677
S6305_3	26.92	0.00	0.00	7.88	17.91	0.22	130.55	0.665
S6305_4	26.92	0.00	0.00	7.48	18.32	0.04	43.58	0.681
S6305_5	26.92	0.00	0.00	12.71	13.41	0.02	23.56	0.498
S6305_6	26.92	0.00	0.00	7.45	18.35	0.03	35.25	0.682
S6305_7	26.92	0.00	0.00	7.65	18.15	0.07	67.69	0.674
S6305_8	26.92	0.00	0.00	7.41	18.39	0.03	32.34	0.683
S6305_9	26.92	0.00	0.00	12.77	13.35	0.02	21.41	0.496
S6318	26.92	0.00	0.00	7.97	17.79	0.22	75.91	0.661
S6318_1	26.92	0.00	0.00	13.10	13.02	0.02	18.21	0.484
S6318_12	26.92	0.00	0.00	12.94	13.18	0.01	13.00	0.490
S6318_13	26.92	0.00	0.00	13.01	13.11	0.01	15.08	0.487
S6318_14	26.92	0.00	0.00	7.86	17.93	0.13	85.06	0.666
S6318_2	26.92	0.00	0.00	7.84	17.95	0.12	81.64	0.667
S6318_3	26.92	0.00	0.00	7.98	17.78	0.20	65.34	0.661
S6318_4	26.92	0.00	0.00	7.50	18.30	0.03	35.41	0.680
S6318_6	26.92	0.00	0.00	7.50	18.29	0.03	35.67	0.680
S6318_7	26.92	0.00	0.00	13.01	13.11	0.01	15.01	0.487
S6318_8	26.92	0.00	0.00	7.50	18.29	0.03	35.67	0.680
S6318_9	26.92	0.00	0.00	12.94	13.18	0.01	12.98	0.490
S6319	26.92	0.00	0.00	7.74	18.05	0.08	71.28	0.671
S6319_1	26.92	0.00	0.00	7.22	18.58	0.02	22.04	0.690
S6319_10	26.92	0.00	0.00	7.58	18.21	0.06	59.71	0.677
S6319_12	26.92	0.00	0.00	12.81	13.31	0.01	14.36	0.494

S6319_13	26.92	0.00	0.00	7.44	18.36	0.03	36.34	0.682
S6319_14	26.92	0.00	0.00	12.85	13.26	0.01	14.08	0.493
S6319_15	26.92	0.00	0.00	7.62	18.18	0.06	57.50	0.675
S6319_16	26.92	0.00	0.00	7.58	18.22	0.06	59.89	0.677
S6319_17	26.92	0.00	0.00	12.84	13.28	0.01	14.22	0.493
S6319_18	26.92	0.00	0.00	7.64	18.16	0.06	56.46	0.675
S6319_19	26.92	0.00	0.00	7.50	18.30	0.04	49.44	0.680
S6319_2	26.92	0.00	0.00	7.50	18.30	0.04	50.13	0.680
S6319_20	26.92	0.00	0.00	7.74	18.05	0.10	85.63	0.671
S6319_21	26.92	0.00	0.00	7.55	18.25	0.04	46.32	0.678
S6319_22	26.92	0.00	0.00	12.90	13.22	0.01	13.78	0.491
S6319_23	26.92	0.00	0.00	7.50	18.30	0.04	49.37	0.680
S6319_24	26.92	0.00	0.00	12.88	13.24	0.01	13.90	0.492
S6319_25	26.92	0.00	0.00	12.88	13.24	0.01	13.93	0.492
S6319_26	26.92	0.00	0.00	7.50	18.30	0.04	48.79	0.680
S6319_27	26.92	0.00	0.00	7.60	18.19	0.06	58.69	0.676
S6319_28	26.92	0.00	0.00	7.87	17.92	0.17	108.55	0.666
S6319_29	26.92	0.00	0.00	7.60	18.19	0.05	50.63	0.676
S6319_3	26.92	0.00	0.00	12.72	13.40	0.01	12.75	0.498
S6319_30	26.92	0.00	0.00	12.94	13.18	0.01	16.15	0.490
S6319_31	26.92	0.00	0.00	7.63	18.17	0.06	57.02	0.675
S6319_32	26.92	0.00	0.00	12.86	13.26	0.01	14.09	0.493
S6319_33	26.92	0.00	0.00	7.62	18.17	0.06	57.40	0.675
S6319_34	26.92	0.00	0.00	12.85	13.27	0.01	14.10	0.493
S6319_35	26.92	0.00	0.00	7.61	18.18	0.06	57.83	0.675
S6319_36	26.92	0.00	0.00	12.86	13.26	0.01	14.04	0.492
S6319_4	26.92	0.00	0.00	7.50	18.29	0.04	49.87	0.680
S6319_5	26.92	0.00	0.00	7.70	18.09	0.08	76.71	0.672
S6319_6	26.92	0.00	0.00	12.80	13.31	0.01	13.68	0.495
S6319_7	26.92	0.00	0.00	12.80	13.32	0.01	14.45	0.495
S6319_8	26.92	0.00	0.00	7.62	18.18	0.06	57.43	0.675
S6319_9	26.92	0.00	0.00	7.78	18.02	0.12	98.23	0.669
S6321_10	26.92	0.00	0.00	7.88	17.90	0.18	103.88	0.665
S6321_11	26.92	0.00	0.00	8.00	17.74	0.28	74.44	0.659
S6321_12	26.92	0.00	0.00	13.20	12.92	0.02	13.69	0.480
S6321_13	26.92	0.00	0.00	13.23	12.89	0.02	14.80	0.479
S6321_14	26.92	0.00	0.00	7.55	18.25	0.05	51.98	0.678
S6321_15	26.92	0.00	0.00	7.53	18.27	0.04	48.03	0.679
S6321_16	26.92	0.00	0.00	7.74	18.05	0.09	74.09	0.671
S6321_17	26.92	0.00	0.00	7.75	18.05	0.09	75.00	0.670
S6321_18	26.92	0.00	0.00	7.48	18.32	0.04	43.27	0.680
S6321_19	26.92	0.00	0.00	7.53	18.27	0.04	43.78	0.679
S6321_2	26.92	0.00	0.00	7.35	18.45	0.03	31.04	0.685
S6321_20	26.92	0.00	0.00	7.59	18.21	0.06	62.27	0.676
S6321_21	26.92	0.00	0.00	7.58	18.22	0.06	60.98	0.677
S6321_22	26.92	0.00	0.00	7.23	18.57	0.02	22.94	0.690
S6321_23	26.92	0.00	0.00	7.41	18.39	0.03	32.11	0.683
S6321_3	26.92	0.00	0.00	7.49	18.31	0.04	44.20	0.680
S6321_4	26.92	0.00	0.00	7.47	18.33	0.04	43.29	0.681
S6321_5	26.92	0.00	0.00	7.42	18.38	0.03	39.89	0.683
S6321_6	26.92	0.00	0.00	12.97	13.14	0.02	16.41	0.488
S6321_7	26.92	0.00	0.00	7.35	18.45	0.02	29.85	0.685
S6321_8	26.92	0.00	0.00	12.99	13.13	0.02	16.83	0.488
S6321_9	26.92	0.00	0.00	7.68	18.11	0.07	66.65	0.673
S6323_1	26.92	0.00	0.00	9.49	16.31	0.01	15.75	0.606
S6323_2	26.92	0.00	0.00	25.74	1.10	0.02	13.87	0.041
S6323_3	26.92	0.00	0.00	25.13	1.71	0.02	13.22	0.064
S6323_5	26.92	0.00	0.00	25.41	1.42	0.02	13.71	0.053
S6324	26.92	0.00	0.00	26.55	0.29	0.01	7.69	0.011
S6325_1	26.92	0.00	0.00	7.99	17.76	0.70	205.53	0.660
S6325_2	26.92	0.00	0.00	8.00	17.75	0.75	210.73	0.659
S6326	26.92	0.00	0.00	7.89	17.89	0.11	64.51	0.665
S6327	26.92	0.00	0.00	7.98	17.79	0.47	157.19	0.661
S6331	26.92	0.00	0.00	7.70	18.10	0.07	68.56	0.672
S6339_1	26.92	0.00	0.00	7.78	18.02	0.09	76.84	0.669
S6339_10	26.92	0.00	0.00	7.65	18.14	0.06	62.41	0.674
S6339_11	26.92	0.00	0.00	7.66	18.13	0.06	59.83	0.674
S6339_12	26.92	0.00	0.00	7.25	18.55	0.02	19.68	0.689
S6339_13	26.92	0.00	0.00	7.60	18.20	0.05	58.10	0.676
S6339_14	26.92	0.00	0.00	7.72	18.07	0.08	72.51	0.671
S6339_15	26.92	0.00	0.00	7.90	17.88	0.20	106.61	0.664
S6339_16	26.92	0.00	0.00	7.26	18.54	0.02	20.99	0.689
S6339_17	26.92	0.00	0.00	7.80	17.99	0.11	88.62	0.668
S6339_18	26.92	0.00	0.00	7.35	18.45	0.02	29.97	0.685
S6339_19	26.92	0.00	0.00	7.08	18.72	0.01	9.90	0.696

S6339_2	26.92	0.00	0.00	7.32	18.48	0.02	25.48	0.686
S6339_20	26.92	0.00	0.00	7.45	18.35	0.03	35.42	0.682
S6339_21	26.92	0.00	0.00	7.80	18.00	0.11	87.57	0.669
S6339_22	26.92	0.00	0.00	7.50	18.29	0.03	36.13	0.680
S6339_23	26.92	0.00	0.00	7.68	18.12	0.07	66.31	0.673
S6339_24	26.92	0.00	0.00	7.74	18.05	0.10	90.32	0.671
S6339_25	26.92	0.00	0.00	7.76	18.03	0.10	81.14	0.670
S6339_26	26.92	0.00	0.00	7.83	17.96	0.13	92.37	0.667
S6339_27	26.92	0.00	0.00	7.15	18.65	0.01	15.04	0.693
S6339_28	26.92	0.00	0.00	7.56	18.24	0.04	45.14	0.677
S6339_29	26.92	0.00	0.00	7.19	18.61	0.01	17.97	0.691
S6339_3	26.92	0.00	0.00	7.67	18.13	0.06	59.65	0.674
S6339_30	26.92	0.00	0.00	7.71	18.09	0.07	65.47	0.672
S6339_31	26.92	0.00	0.00	7.00	18.80	0.01	9.06	0.698
S6339_32	26.92	0.00	0.00	7.22	18.57	0.01	17.50	0.690
S6339_33	26.92	0.00	0.00	7.57	18.22	0.04	43.58	0.677
S6339_34	26.92	0.00	0.00	7.78	18.01	0.10	83.42	0.669
S6339_35	26.92	0.00	0.00	7.14	18.66	0.01	14.65	0.693
S6339_36	26.92	0.00	0.00	7.61	18.19	0.05	52.78	0.676
S6339_37	26.92	0.00	0.00	7.09	18.71	0.01	11.54	0.695
S6339_38	26.92	0.00	0.00	7.12	18.68	0.01	12.30	0.694
S6339_39	26.92	0.00	0.00	7.57	18.23	0.04	46.03	0.677
S6339_4	26.92	0.00	0.00	7.73	18.06	0.08	69.62	0.671
S6339_40	26.92	0.00	0.00	7.27	18.53	0.02	20.32	0.689
S6339_42	26.92	0.00	0.00	7.65	18.15	0.06	55.92	0.674
S6339_43	26.92	0.00	0.00	7.64	18.15	0.06	56.42	0.674
S6339_44	26.92	0.00	0.00	7.69	18.11	0.07	62.54	0.673
S6339_45	26.92	0.00	0.00	7.72	18.07	0.08	67.99	0.671
S6339_5	26.92	0.00	0.00	7.57	18.23	0.05	57.10	0.677
S6339_6	26.92	0.00	0.00	7.62	18.18	0.05	53.38	0.675
S6339_7	26.92	0.00	0.00	7.74	18.05	0.08	71.97	0.671
S6339_8	26.92	0.00	0.00	7.37	18.43	0.02	25.32	0.685
S6339_9	26.92	0.00	0.00	7.90	17.88	0.20	109.35	0.664
S6341_2	26.92	0.00	0.00	7.88	17.91	0.24	149.67	0.665
S6341_3	26.92	0.00	0.00	7.97	17.80	0.51	184.98	0.661
S6341_4	26.92	0.00	0.00	7.75	18.04	0.13	112.23	0.670
S6342	26.92	0.00	0.00	8.00	17.74	0.68	182.42	0.659
S6345_1	26.92	0.00	0.00	7.90	17.89	0.21	113.61	0.664
S6345_3	26.92	0.00	0.00	7.81	17.99	0.12	90.16	0.668
S6345_4	26.92	0.00	0.00	7.86	17.93	0.15	100.45	0.666
S6346	26.92	0.00	0.00	7.69	18.10	0.06	56.98	0.672
S6346_1	26.92	0.00	0.00	7.25	18.54	0.02	20.37	0.689
S6346_10	26.92	0.00	0.00	7.31	18.49	0.02	23.78	0.687
S6346_11	26.92	0.00	0.00	7.21	18.58	0.01	18.70	0.690
S6346_12	26.92	0.00	0.00	7.59	18.21	0.04	44.41	0.676
S6346_13	26.92	0.00	0.00	7.37	18.43	0.02	29.04	0.685
S6346_14	26.92	0.00	0.00	7.46	18.34	0.03	36.70	0.681
S6346_15	26.92	0.00	0.00	7.54	18.26	0.04	41.38	0.678
S6346_16	26.92	0.00	0.00	7.57	18.23	0.05	52.14	0.677
S6346_17	26.92	0.00	0.00	7.63	18.16	0.05	51.66	0.675
S6346_18	26.92	0.00	0.00	7.18	18.62	0.01	14.36	0.692
S6346_19	26.92	0.00	0.00	7.51	18.29	0.03	39.29	0.679
S6346_2	26.92	0.00	0.00	7.57	18.23	0.05	49.08	0.677
S6346_20	26.92	0.00	0.00	7.28	18.52	0.02	22.94	0.688
S6346_21	26.92	0.00	0.00	7.38	18.42	0.02	25.79	0.684
S6346_22	26.92	0.00	0.00	7.85	17.94	0.15	98.05	0.667
S6346_23	26.92	0.00	0.00	7.51	18.28	0.03	39.40	0.679
S6346_24	26.92	0.00	0.00	7.40	18.40	0.03	30.18	0.684
S6346_25	26.92	0.00	0.00	7.47	18.33	0.03	37.21	0.681
S6346_26	26.92	0.00	0.00	7.46	18.34	0.03	33.00	0.681
S6346_27	26.92	0.00	0.00	7.45	18.35	0.03	32.51	0.682
S6346_28	26.92	0.00	0.00	7.66	18.14	0.05	53.11	0.674
S6346_29	26.92	0.00	0.00	7.71	18.08	0.07	65.75	0.672
S6346_3	26.92	0.00	0.00	7.89	17.89	0.10	55.32	0.665
S6346_30	26.92	0.00	0.00	7.61	18.19	0.05	52.72	0.676
S6346_31	26.92	0.00	0.00	7.36	18.44	0.02	25.95	0.685
S6346_32	26.92	0.00	0.00	7.55	18.25	0.04	45.55	0.678
S6346_33	26.92	0.00	0.00	7.53	18.27	0.03	37.25	0.679
S6346_34	26.92	0.00	0.00	7.70	18.09	0.07	61.79	0.672
S6346_35	26.92	0.00	0.00	7.69	18.11	0.07	68.25	0.673
S6346_36	26.92	0.00	0.00	7.49	18.31	0.03	37.38	0.680
S6346_37	26.92	0.00	0.00	7.40	18.40	0.02	25.88	0.684
S6346_38	26.92	0.00	0.00	7.21	18.58	0.01	17.25	0.690
S6346_39	26.92	0.00	0.00	7.32	18.48	0.02	22.70	0.687
S6346_4	26.92	0.00	0.00	7.49	18.31	0.03	40.24	0.680

S6346_40	26.92	0.00	0.00	7.41	18.39	0.02	29.81	0.683
S6346_41	26.92	0.00	0.00	7.64	18.16	0.05	50.90	0.675
S6346_42	26.92	0.00	0.00	7.73	18.06	0.07	64.89	0.671
S6346_43	26.92	0.00	0.00	7.73	18.06	0.07	65.71	0.671
S6346_44	26.92	0.00	0.00	7.36	18.44	0.02	24.14	0.685
S6346_45	26.92	0.00	0.00	7.28	18.52	0.02	21.59	0.688
S6346_46	26.92	0.00	0.00	7.67	18.12	0.06	57.54	0.673
S6346_47	26.92	0.00	0.00	7.28	18.52	0.02	22.99	0.688
S6346_48	26.92	0.00	0.00	7.58	18.21	0.04	47.48	0.677
S6346_49	26.92	0.00	0.00	7.15	18.65	0.01	14.60	0.693
S6346_5	26.92	0.00	0.00	7.59	18.21	0.05	48.02	0.676
S6346_50	26.92	0.00	0.00	7.41	18.39	0.03	31.16	0.683
S6346_51	26.92	0.00	0.00	7.41	18.38	0.02	28.93	0.683
S6346_52	26.92	0.00	0.00	7.70	18.09	0.07	62.94	0.672
S6346_53	26.92	0.00	0.00	7.90	17.88	0.10	56.13	0.664
S6346_54	26.92	0.00	0.00	7.58	18.21	0.04	45.77	0.677
S6346_55	26.92	0.00	0.00	7.58	18.21	0.04	45.22	0.677
S6346_6	26.92	0.00	0.00	7.89	17.90	0.09	54.08	0.665
S6346_7	26.92	0.00	0.00	7.16	18.64	0.01	15.65	0.692
S6346_9	26.92	0.00	0.00	7.20	18.60	0.01	15.97	0.691
S6350_1	26.92	0.00	0.00	8.02	17.70	1.02	231.04	0.658
S6350_10	26.92	0.00	0.00	7.13	18.67	0.01	13.43	0.693
S6350_11	26.92	0.00	0.00	7.79	18.00	0.10	77.07	0.669
S6350_12	26.92	0.00	0.00	7.78	18.01	0.09	75.46	0.669
S6350_3	26.92	0.00	0.00	7.92	17.86	0.33	163.54	0.664
S6350_4	26.92	0.00	0.00	7.77	18.02	0.09	74.22	0.669
S6350_5	26.92	0.00	0.00	7.85	17.94	0.16	110.26	0.667
S6350_6	26.92	0.00	0.00	7.80	18.00	0.16	120.40	0.669
S6350_7	26.92	0.00	0.00	7.37	18.43	0.02	28.11	0.685
S6350_8	26.92	0.00	0.00	7.91	17.87	0.23	119.88	0.664
S6350_9	26.92	0.00	0.00	7.86	17.92	0.18	117.31	0.666
S6351	26.92	0.00	0.00	8.01	17.71	0.95	229.42	0.658
S6352_10	26.92	0.00	0.00	7.65	18.15	0.06	60.77	0.674
S6352_11	26.92	0.00	0.00	7.14	18.66	0.01	13.83	0.693
S6352_12	26.92	0.00	0.00	7.56	18.24	0.04	48.50	0.678
S6352_13	26.92	0.00	0.00	7.21	18.59	0.01	17.68	0.691
S6352_14	26.92	0.00	0.00	7.21	18.59	0.01	17.22	0.691
S6352_15	26.92	0.00	0.00	7.22	18.58	0.01	17.30	0.690
S6352_16	26.92	0.00	0.00	7.54	18.26	0.04	45.84	0.678
S6352_2	26.92	0.00	0.00	7.14	18.66	0.01	13.84	0.693
S6352_3	26.92	0.00	0.00	7.66	18.14	0.06	61.69	0.674
S6352_4	26.92	0.00	0.00	7.65	18.15	0.06	61.08	0.674
S6352_5	26.92	0.00	0.00	7.38	18.42	0.02	28.98	0.684
S6352_6	26.92	0.00	0.00	7.64	18.16	0.06	61.45	0.675
S6352_7	26.92	0.00	0.00	7.38	18.42	0.02	28.95	0.684
S6352_8	26.92	0.00	0.00	7.63	18.16	0.06	61.78	0.675
S6352_9	26.92	0.00	0.00	7.15	18.65	0.01	13.75	0.693
S6353_1	26.92	0.00	0.00	7.99	17.76	0.68	198.85	0.660
S6353_2	26.92	0.00	0.00	7.87	17.92	0.19	123.01	0.666
S6353_3	26.92	0.00	0.00	7.94	17.84	0.33	145.87	0.663
S6353_5	26.92	0.00	0.00	7.90	17.89	0.24	133.55	0.665
S6353_6	26.92	0.00	0.00	8.00	17.74	0.66	176.72	0.659
S6353_7	26.92	0.00	0.00	8.00	17.74	0.75	206.34	0.659
S6354	26.92	0.00	0.00	7.76	18.03	0.10	83.68	0.670
S6355	26.92	0.00	0.00	7.42	18.37	0.03	35.55	0.683
S6356	26.92	0.00	0.00	7.70	18.09	0.07	66.67	0.672
S6357	26.92	0.00	0.00	7.49	18.31	0.04	42.95	0.680
S6359	26.92	0.00	0.00	16.80	9.47	0.01	7.70	0.352
S6360	26.92	0.00	0.00	7.62	18.18	0.05	53.16	0.675
S6361	26.92	0.00	0.00	7.64	18.15	0.05	54.58	0.674
S6362	26.92	0.00	0.00	7.40	18.40	0.03	31.22	0.684
S6363	26.92	0.00	0.00	7.91	17.88	0.19	102.13	0.664
S6364	26.92	0.00	0.00	7.59	18.21	0.05	49.72	0.676
S6365	26.92	0.00	0.00	7.66	18.14	0.06	61.64	0.674
S6366	26.92	0.00	0.00	7.66	18.14	0.06	56.15	0.674
S6367_1	26.92	0.00	0.00	7.65	18.15	0.06	55.23	0.674
S6367_2	26.92	0.00	0.00	7.56	18.24	0.04	43.46	0.678
S6368	26.92	0.00	0.00	7.81	17.98	0.11	80.94	0.668
S6369	26.92	0.00	0.00	7.72	18.08	0.07	64.03	0.672
S6370	26.92	0.00	0.00	7.66	18.13	0.06	57.32	0.674
S6371	26.92	0.00	0.00	7.75	18.05	0.08	71.23	0.670
S6372	26.92	0.00	0.00	7.53	18.27	0.04	42.91	0.679
S6373_1	26.92	0.00	0.00	7.46	18.34	0.03	35.51	0.681
S6373_3	26.92	0.00	0.00	7.50	18.29	0.04	40.39	0.680
S6373_4	26.92	0.00	0.00	7.65	18.15	0.06	58.47	0.674

S6374	26.92	0.00	0.00	14.30	11.82	0.01	8.25	0.439
S64	26.92	0.00	0.00	11.19	14.69	0.10	82.34	0.546
S65	26.92	0.00	0.00	17.76	8.52	0.03	22.80	0.317
S66	26.92	0.00	0.00	17.71	8.57	0.02	22.12	0.318
S69	26.92	0.00	0.00	15.00	11.11	0.04	41.21	0.413
S7	26.92	0.00	0.00	7.59	18.20	0.06	62.87	0.676
S70	26.92	0.00	0.00	14.88	11.24	0.04	37.51	0.418
S71	26.92	0.00	0.00	18.16	8.12	0.03	28.66	0.302
S72	26.92	0.00	0.00	11.09	14.78	0.07	60.01	0.549
S722	26.92	0.00	0.00	22.16	4.28	0.15	62.54	0.159
S723	26.92	0.00	0.00	26.61	0.22	0.06	30.13	0.008
S73	26.92	0.00	0.00	11.10	14.77	0.07	60.35	0.549
S733	26.92	0.00	0.00	16.46	9.81	0.01	6.94	0.365
S734	26.92	0.00	0.00	16.56	9.72	0.01	8.23	0.361
S74	26.92	0.00	0.00	10.70	15.17	0.05	45.97	0.564
S75	26.92	0.00	0.00	10.43	15.44	0.02	20.71	0.574
S779	26.92	0.00	0.00	16.31	9.97	0.01	7.14	0.370
S781	26.92	0.00	0.00	16.58	9.70	0.01	6.54	0.360
S782	26.92	0.00	0.00	16.37	9.91	0.01	7.89	0.368
S788	26.92	0.00	0.00	16.55	9.73	0.01	8.31	0.361
S793	26.92	0.00	0.00	16.65	9.63	0.01	7.62	0.358
S8	26.92	0.00	0.00	18.95	7.32	0.02	20.10	0.272
S8_1	26.92	0.00	0.00	5.19	20.44	0.91	543.82	0.759
S8_2	26.92	0.00	0.00	4.87	20.77	0.28	331.26	0.771
S802	26.92	0.00	0.00	16.54	9.74	0.01	8.26	0.362
S805	26.92	0.00	0.00	16.49	9.78	0.01	6.98	0.363
S807	26.92	0.00	0.00	16.39	9.89	0.01	6.68	0.367
S808	26.92	0.00	0.00	16.54	9.74	0.01	6.35	0.362
S809	26.92	0.00	0.00	16.62	9.66	0.01	8.02	0.359
S813	26.92	0.00	0.00	16.34	9.93	0.01	6.83	0.369
S814	26.92	0.00	0.00	16.37	9.91	0.01	7.13	0.368
S815	26.92	0.00	0.00	16.49	9.79	0.01	6.98	0.364
S816	26.92	0.00	0.00	16.57	9.71	0.01	6.75	0.361
S817	26.92	0.00	0.00	16.53	9.75	0.01	6.87	0.362
S818	26.92	0.00	0.00	16.47	9.81	0.01	6.68	0.365
S819	26.92	0.00	0.00	16.58	9.70	0.01	8.37	0.360
S820	26.92	0.00	0.00	16.68	9.60	0.01	9.88	0.357
S823	26.92	0.00	0.00	16.66	9.61	0.01	8.80	0.357
S826	26.92	0.00	0.00	17.19	9.09	0.01	12.39	0.338
S828	26.92	0.00	0.00	17.02	9.26	0.01	9.75	0.344
S830	26.92	0.00	0.00	16.85	9.42	0.01	10.39	0.350
S831	26.92	0.00	0.00	17.07	9.20	0.01	10.99	0.342
S832	26.92	0.00	0.00	10.20	15.68	0.05	57.94	0.582
S833	26.92	0.00	0.00	17.26	9.02	0.01	11.72	0.335
S834	26.92	0.00	0.00	17.20	9.08	0.01	12.18	0.337
S836	26.92	0.00	0.00	16.58	9.69	0.01	8.68	0.360
S840	26.92	0.00	0.00	16.45	9.82	0.01	6.43	0.365
S848	26.92	0.00	0.00	16.77	9.51	0.01	9.28	0.353
S849	26.92	0.00	0.00	16.53	9.75	0.01	7.99	0.362
S850	26.92	0.00	0.00	16.45	9.83	0.01	7.15	0.365
S851	26.92	0.00	0.00	16.44	9.84	0.01	6.81	0.366
S852	26.92	0.00	0.00	16.40	9.88	0.01	7.06	0.367
S853	26.92	0.00	0.00	16.73	9.55	0.01	8.04	0.355
S854	26.92	0.00	0.00	16.60	9.68	0.01	9.38	0.360
S855	26.92	0.00	0.00	16.69	9.59	0.01	8.11	0.356
S87	26.92	0.00	0.00	13.66	12.38	0.05	43.81	0.460
S878	26.92	0.00	0.00	16.61	9.67	0.01	7.86	0.359
S879	26.92	0.00	0.00	16.51	9.77	0.01	6.29	0.363
S88	26.92	0.00	0.00	14.39	11.73	0.04	42.15	0.436
S881	26.92	0.00	0.00	16.51	9.77	0.01	6.93	0.363
S882	26.92	0.00	0.00	16.43	9.85	0.01	6.83	0.366
S884	26.92	0.00	0.00	16.48	9.80	0.01	8.01	0.364
S885	26.92	0.00	0.00	16.52	9.76	0.01	6.84	0.362
S886	26.92	0.00	0.00	16.48	9.80	0.01	7.00	0.364
S887	26.92	0.00	0.00	16.48	9.80	0.01	7.66	0.364
S895	26.92	0.00	0.00	17.08	9.20	0.01	12.51	0.342
S898	26.92	0.00	0.00	16.72	9.56	0.01	8.66	0.355
S9	26.92	0.00	0.00	19.41	6.86	0.04	28.87	0.255
S901	26.92	0.00	0.00	16.36	9.92	0.01	6.93	0.369
S902	26.92	0.00	0.00	16.63	9.64	0.01	8.69	0.358
S919	26.92	0.00	0.00	16.31	9.97	0.01	7.24	0.371
S92	26.92	0.00	0.00	20.01	6.26	0.04	25.76	0.233
S927	26.92	0.00	0.00	16.67	9.61	0.01	8.83	0.357
S93	26.92	0.00	0.00	20.00	6.27	0.04	25.68	0.233
S931	26.92	0.00	0.00	16.48	9.80	0.01	7.05	0.364

S933	26.92	0.00	0.00	16.45	9.83	0.01	7.15	0.365
S935	26.92	0.00	0.00	16.44	9.84	0.01	7.25	0.365
S936	26.92	0.00	0.00	9.97	15.91	0.02	20.32	0.591
S940	26.92	0.00	0.00	16.42	9.86	0.01	7.06	0.366
S943	26.92	0.00	0.00	16.82	9.46	0.01	9.71	0.351
S944	26.92	0.00	0.00	16.88	9.40	0.01	8.34	0.349
S945	26.92	0.00	0.00	16.35	9.93	0.01	6.50	0.369
S946	26.92	0.00	0.00	16.49	9.79	0.01	6.91	0.364
S947	26.92	0.00	0.00	16.49	9.79	0.01	6.93	0.364
S948	26.92	0.00	0.00	16.39	9.88	0.01	7.27	0.367
S949	26.92	0.00	0.00	16.41	9.87	0.01	7.24	0.367
S952	26.92	0.00	0.00	16.35	9.93	0.01	8.37	0.369
S957	26.92	0.00	0.00	16.27	10.01	0.01	7.97	0.372
S958	26.92	0.00	0.00	16.45	9.83	0.01	6.98	0.365
S959	26.92	0.00	0.00	10.07	15.81	0.03	29.87	0.587
S962	26.92	0.00	0.00	16.38	9.90	0.01	7.30	0.368
S969	26.92	0.00	0.00	16.80	9.47	0.01	10.38	0.352
S976	26.92	0.00	0.00	16.44	9.84	0.01	7.08	0.366
S978	26.92	0.00	0.00	16.42	9.86	0.01	7.27	0.366
S981	26.92	0.00	0.00	16.47	9.81	0.01	7.07	0.364
S982	26.92	0.00	0.00	16.42	9.86	0.01	8.12	0.366
S983	26.92	0.00	0.00	16.46	9.82	0.01	8.17	0.365
S987	26.92	0.00	0.00	17.08	9.20	0.01	9.76	0.342
S989	26.92	0.00	0.00	16.40	9.87	0.01	7.21	0.367
S994	26.92	0.00	0.00	16.42	9.86	0.01	8.39	0.366
S996	26.92	0.00	0.00	9.97	15.91	0.01	13.40	0.591
S998	26.92	0.00	0.00	16.36	9.92	0.01	7.38	0.368
S999	26.92	0.00	0.00	16.54	9.74	0.01	6.52	0.362

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Node Depth Summary
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Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days	Time of Max Occurrence hr:min	Reported Max Depth Meters
732_ADD	JUNCTION	0.01	0.15	942.56	0	00:40	0.15
734_ADD	JUNCTION	0.02	0.34	941.48	0	00:43	0.34
735_ADD	JUNCTION	0.06	0.67	941.46	0	00:44	0.67
736_ADD	JUNCTION	0.01	0.23	941.88	0	00:40	0.23
737_ADD	JUNCTION	0.06	0.86	941.57	0	00:44	0.86
738_ADD	JUNCTION	0.06	0.82	941.44	0	00:44	0.82
739_ADD	JUNCTION	0.08	1.97	943.31	0	00:38	1.95
740_ADD	JUNCTION	0.04	1.24	943.14	0	00:38	1.24
741_ADD	JUNCTION	0.08	1.66	942.91	0	00:38	1.66
743_ADD	JUNCTION	0.09	0.97	941.26	0	00:45	0.97
745_ADD	JUNCTION	0.10	0.84	941.01	0	00:45	0.84
746_ADD	JUNCTION	0.06	1.71	942.65	0	00:38	1.71
748_ADD	JUNCTION	0.03	1.68	944.75	0	00:41	1.67
749_ADD	JUNCTION	0.03	1.64	943.83	0	00:43	1.64
750_ADD	JUNCTION	0.05	2.42	944.33	0	00:42	2.42
751_ADD	JUNCTION	0.06	1.99	943.51	0	00:42	1.99
752_ADD	JUNCTION	0.07	2.62	944.28	0	00:42	2.62
753_ADD	JUNCTION	0.02	1.50	944.66	0	00:38	1.50
754_ADD	JUNCTION	0.07	2.15	943.70	0	00:42	2.15
755_ADD	JUNCTION	0.03	1.65	943.92	0	00:40	1.65
A11STM239	JUNCTION	0.30	1.40	949.16	0	00:41	1.40
A12STM48	JUNCTION	0.03	0.73	955.64	0	00:48	0.73
A12STM50	JUNCTION	0.06	1.46	954.45	0	00:45	1.46
A12STM51	JUNCTION	0.04	2.12	954.54	0	00:42	1.77
A12STM52	JUNCTION	0.05	0.96	951.13	0	00:47	0.96
A12STM53	JUNCTION	0.02	0.45	951.28	0	00:46	0.45
A12STM55	JUNCTION	0.05	0.81	950.36	0	00:47	0.81
A12STM56	JUNCTION	0.04	0.60	949.82	0	00:48	0.60
A12STM57	JUNCTION	0.26	4.25	952.09	0	01:34	2.09
A12STM58	JUNCTION	0.04	0.67	949.37	0	00:48	0.67
A13STM2271	JUNCTION	0.01	0.29	959.17	0	00:40	0.29
A13STM2272	JUNCTION	0.01	0.25	958.75	0	00:40	0.25
A13STM2273	JUNCTION	0.02	0.93	957.34	0	00:42	0.93
A13STM2274	JUNCTION	0.04	2.21	955.68	0	00:43	2.21
A13STM2275	JUNCTION	0.01	0.19	959.93	0	00:40	0.19
A13STM44	JUNCTION	0.02	2.48	962.13	0	00:40	1.47

A13STM45	JUNCTION	0.07	2.56	960.28	0	00:39	2.37
A13STM46	JUNCTION	0.06	1.83	958.57	0	00:45	1.83
A13STM49	JUNCTION	0.00	0.03	956.73	0	00:46	0.03
A13STM54	JUNCTION	0.02	0.30	952.01	0	00:40	0.30
A14STM25	JUNCTION	0.19	0.37	962.14	0	00:59	0.37
A14STM26	JUNCTION	0.10	0.20	961.77	0	00:57	0.20
A14STM27	JUNCTION	0.03	1.18	962.36	0	00:48	1.18
A14STM31	JUNCTION	0.03	0.90	962.50	0	00:48	0.90
A14STM32	JUNCTION	0.02	0.59	962.53	0	00:48	0.59
A14STM33	JUNCTION	0.03	0.55	962.67	0	00:48	0.55
A14STM34	JUNCTION	0.01	0.32	962.68	0	00:47	0.32
A15STM2	JUNCTION	0.01	0.22	969.80	0	00:40	0.22
A15STM3	JUNCTION	0.04	1.73	968.68	0	00:45	1.73
A15STM4	JUNCTION	0.02	1.02	965.13	0	00:41	1.02
A15STM5	JUNCTION	0.18	0.29	962.72	0	02:00	0.29
A15STM6	JUNCTION	0.19	0.30	962.58	0	01:06	0.30
A15STM691	JUNCTION	0.02	0.32	972.41	0	00:40	0.32
A15STM7	JUNCTION	0.02	1.23	964.68	0	00:40	0.60
A16STM687	JUNCTION	0.01	0.17	974.39	0	00:40	0.17
A16STM688	JUNCTION	0.02	0.45	973.41	0	00:40	0.45
A16STM689	JUNCTION	0.02	0.54	971.93	0	00:40	0.54
A17STM681	JUNCTION	0.01	0.10	979.33	0	00:56	0.10
A17STM682	JUNCTION	0.01	0.11	977.17	0	00:57	0.11
A5STM1	JUNCTION	0.03	1.64	949.78	0	00:42	1.64
A5STM158	JUNCTION	0.01	0.79	950.17	0	00:42	0.79
A5STM160	JUNCTION	0.05	2.12	951.94	0	00:40	2.12
A5STM161	JUNCTION	0.05	1.79	953.72	0	00:40	1.79
A6STM159	JUNCTION	0.03	1.43	949.46	0	00:42	1.43
A6STM162	JUNCTION	0.03	0.21	945.60	0	00:56	0.21
A6STM163	JUNCTION	0.02	0.18	946.35	0	00:56	0.18
A7STM165	JUNCTION	0.01	1.20	948.83	0	00:40	1.20
A7STM166	JUNCTION	0.03	2.25	947.84	0	00:42	2.25
B11STM231	JUNCTION	0.33	1.66	951.16	0	00:41	1.66
B11STM232	JUNCTION	0.11	1.02	951.52	0	00:40	1.02
B11STM233	JUNCTION	0.10	0.87	952.29	0	00:41	0.87
B11STM238	JUNCTION	1.51	2.48	950.15	0	00:42	2.48
B12STM220	JUNCTION	0.03	0.69	960.10	0	00:41	0.69
B12STM227	JUNCTION	1.31	1.81	958.88	0	00:40	1.81
B12STM228	JUNCTION	0.02	0.38	956.83	0	00:40	0.38
B12STM229	JUNCTION	0.03	0.53	953.59	0	00:40	0.53
B12STM230	JUNCTION	0.03	0.60	952.60	0	00:41	0.60
B13STM215	JUNCTION	0.02	0.47	962.78	0	00:40	0.47
B13STM216	JUNCTION	0.02	0.43	961.51	0	00:40	0.43
B13STM224	JUNCTION	0.02	0.45	960.46	0	00:40	0.45
B13STM225	JUNCTION	0.04	2.25	962.19	0	00:40	2.25
B13STM226	JUNCTION	1.43	1.99	959.83	0	00:40	1.99
B13STM240	JUNCTION	0.03	1.84	962.79	0	00:44	1.84
B13STM241	JUNCTION	0.01	0.51	963.11	0	00:43	0.51
B13STM242	JUNCTION	0.02	0.54	963.50	0	00:40	0.54
B13STM41	JUNCTION	0.07	2.82	961.83	0	00:46	2.82
B13STM42	JUNCTION	0.08	2.88	961.73	0	00:46	2.87
B13STM43	JUNCTION	0.07	3.83	962.21	0	00:39	2.64
B13STM47	JUNCTION	0.05	1.32	957.17	0	00:48	1.32
B14STM204	JUNCTION	0.03	2.13	971.49	0	00:41	2.13
B14STM214	JUNCTION	0.03	1.44	966.29	0	00:45	1.44
B14STM30	JUNCTION	0.06	2.34	961.98	0	00:46	2.34
B14STM35	JUNCTION	0.03	0.47	963.18	0	00:40	0.47
B14STM36	JUNCTION	0.03	1.48	965.54	0	00:44	1.48
B14STM37	JUNCTION	0.04	2.40	967.60	0	00:42	2.40
B14STM38	JUNCTION	0.04	2.23	967.99	0	00:41	2.23
B14STM39	JUNCTION	0.03	2.15	964.65	0	00:39	1.63
B14STM40	JUNCTION	0.03	2.09	964.83	0	00:39	1.61
B15STM10	JUNCTION	0.01	0.71	970.79	0	00:40	0.71
B15STM11	JUNCTION	0.01	0.79	970.97	0	00:40	0.77
B15STM12	JUNCTION	0.01	1.27	971.59	0	00:39	0.64
B15STM13	JUNCTION	0.01	0.56	969.49	0	00:41	0.56
B15STM14	JUNCTION	0.02	1.10	968.10	0	00:44	1.10
B15STM15	JUNCTION	0.02	0.89	967.29	0	00:44	0.89
B15STM16	JUNCTION	0.03	1.34	969.66	0	00:44	1.34
B15STM17	JUNCTION	0.02	1.15	971.68	0	00:43	1.15
B15STM18	JUNCTION	0.02	0.86	971.96	0	00:43	0.86
B15STM19	JUNCTION	0.02	0.73	972.19	0	00:43	0.73
B15STM195	JUNCTION	0.03	0.85	973.66	0	00:43	0.85
B15STM197	JUNCTION	0.05	1.58	974.92	0	00:43	1.58
B15STM199	JUNCTION	0.05	1.92	975.62	0	00:44	1.92

B15STM20	JUNCTION	0.01	0.59	972.23	0	00:43	0.59
B15STM21	JUNCTION	0.02	0.73	972.33	0	00:43	0.73
B15STM22	JUNCTION	0.01	1.91	973.66	0	00:39	0.59
B15STM24	JUNCTION	0.01	0.15	973.18	0	00:40	0.15
B15STM692	JUNCTION	0.17	0.28	968.02	0	02:06	0.28
B15STM8	JUNCTION	0.05	1.10	965.20	0	00:41	1.10
B15STM9	JUNCTION	0.00	0.08	970.41	0	00:40	0.08
B16STM192	JUNCTION	0.11	1.13	972.26	0	00:42	1.13
B16STM193	JUNCTION	0.06	0.50	971.03	0	00:41	0.50
B16STM194	JUNCTION	0.03	0.81	973.00	0	00:43	0.81
B16STM23	JUNCTION	0.01	0.15	973.08	0	00:40	0.15
B16STM671	JUNCTION	0.09	0.69	974.52	0	00:41	0.69
B16STM672	JUNCTION	0.10	1.01	975.86	0	00:43	1.01
B16STM674	JUNCTION	0.03	0.67	974.37	0	00:41	0.67
B16STM675	JUNCTION	0.02	0.30	973.78	0	00:41	0.30
B16STM678	JUNCTION	0.03	0.66	974.57	0	00:40	0.66
B16STM690	JUNCTION	0.02	0.33	970.63	0	00:41	0.33
B17STM1071	JUNCTION	0.08	0.99	977.48	0	00:44	0.99
B17STM1072	JUNCTION	0.11	1.08	978.11	0	00:44	1.08
B17STM1082	JUNCTION	0.02	0.80	978.13	0	00:44	0.80
B17STM1083	JUNCTION	0.02	0.59	978.15	0	00:44	0.59
B17STM673	JUNCTION	0.14	1.73	977.13	0	00:44	1.73
B17STM676	JUNCTION	0.01	0.18	978.82	0	00:40	0.18
B17STM677	JUNCTION	0.02	0.91	977.77	0	00:40	0.91
B17STM679	JUNCTION	0.01	0.13	978.91	0	00:40	0.13
B17STM680	JUNCTION	0.01	0.23	978.10	0	00:40	0.23
B17STM683	JUNCTION	0.02	0.30	976.04	0	00:40	0.30
B17STM684	JUNCTION	0.03	0.54	974.96	0	00:40	0.54
B17STM685	JUNCTION	0.02	0.40	975.26	0	00:40	0.40
B17STM686	JUNCTION	0.03	0.64	974.70	0	00:40	0.64
B18STM1084	JUNCTION	0.01	0.45	978.16	0	00:44	0.45
B6STM164	JUNCTION	0.03	0.22	944.06	0	00:57	0.22
B6STM173	JUNCTION	0.07	1.81	940.80	0	00:40	0.76
B6STM174	JUNCTION	0.08	1.49	940.40	0	00:40	0.76
B7STM167	JUNCTION	0.04	2.68	946.37	0	00:42	2.68
B7STM168	JUNCTION	0.02	0.51	941.06	0	00:40	0.51
B7STM169	JUNCTION	0.05	0.87	940.49	0	00:38	0.87
B7STM170	JUNCTION	0.03	2.55	942.61	0	00:39	0.78
B7STM171	JUNCTION	0.23	1.06	940.40	0	00:41	0.96
B7STM172	JUNCTION	0.47	1.13	940.22	0	00:41	1.12
B7STM175	JUNCTION	0.08	2.49	940.51	0	00:42	2.49
B7STM176	JUNCTION	0.03	1.42	941.02	0	00:45	1.42
B7STM177	JUNCTION	0.06	1.11	938.79	0	00:42	1.11
B7STM184	JUNCTION	0.06	1.76	940.14	0	00:46	1.76
B8STM190	JUNCTION	0.08	2.45	940.39	0	00:47	2.45
B8STM191	JUNCTION	0.04	1.82	940.97	0	00:46	1.82
C11STM234	JUNCTION	0.10	0.82	953.28	0	00:40	0.82
C11STM235	JUNCTION	0.10	0.83	954.25	0	00:40	0.83
C11STM236	JUNCTION	0.10	0.80	955.03	0	00:40	0.80
C11STM237	JUNCTION	0.10	1.30	957.41	0	00:43	1.30
C11STM257	JUNCTION	0.10	1.33	957.61	0	00:43	1.33
C11STM258	JUNCTION	0.10	1.47	958.58	0	00:42	1.47
C12STM221	JUNCTION	0.01	0.34	960.76	0	00:40	0.34
C12STM222	JUNCTION	0.07	1.48	962.54	0	00:44	1.48
C12STM223	JUNCTION	0.01	0.53	964.50	0	00:41	0.53
C12STM253	JUNCTION	0.10	1.47	961.49	0	00:41	1.47
C12STM254	JUNCTION	0.10	1.58	959.99	0	00:42	1.58
C12STM256	JUNCTION	0.10	1.60	959.80	0	00:42	1.60
C13STM217	JUNCTION	0.03	0.73	960.89	0	00:41	0.73
C13STM218	JUNCTION	0.02	0.68	960.93	0	00:40	0.68
C13STM219	JUNCTION	0.03	0.82	960.69	0	00:41	0.82
C13STM252	JUNCTION	0.10	0.93	963.11	0	00:41	0.93
C14STM205	JUNCTION	0.01	0.45	970.75	0	00:42	0.45
C14STM206	JUNCTION	0.00	0.11	971.54	0	00:40	0.11
C14STM207	JUNCTION	0.02	1.03	970.75	0	00:41	1.03
C14STM208	JUNCTION	0.02	1.20	970.65	0	00:42	1.20
C14STM209	JUNCTION	0.05	2.65	969.95	0	00:45	2.65
C14STM210	JUNCTION	0.06	2.63	969.72	0	00:45	2.63
C14STM211	JUNCTION	0.03	2.57	971.42	0	00:38	1.58
C14STM212	JUNCTION	0.04	2.08	970.43	0	00:45	2.08
C14STM213	JUNCTION	0.03	1.50	966.74	0	00:39	1.40
C15STM196	JUNCTION	0.01	2.35	977.04	0	00:40	0.69
C15STM198	JUNCTION	0.01	0.15	976.55	0	00:40	0.15
C15STM200	JUNCTION	0.04	2.03	976.48	0	00:44	2.03
C15STM201	JUNCTION	0.04	2.11	976.85	0	00:44	2.11

C15STM202	JUNCTION	0.05	2.88	978.00	0	00:41	2.88
C16STM1085	JUNCTION	0.03	0.70	976.36	0	00:41	0.70
C16STM1086	JUNCTION	0.02	0.71	977.85	0	00:40	0.71
C16STM1087	JUNCTION	0.01	0.27	976.52	0	00:40	0.27
C16STM1088	JUNCTION	0.02	0.52	976.52	0	00:40	0.52
C16STM1089	JUNCTION	0.00	0.10	976.59	0	00:40	0.10
C17STM1073	JUNCTION	0.01	0.53	978.49	0	00:45	0.53
C17STM1074	JUNCTION	0.14	1.13	978.47	0	00:44	1.13
C17STM1075	JUNCTION	0.11	1.02	979.10	0	00:44	1.02
C17STM1076	JUNCTION	0.07	0.93	979.40	0	00:45	0.93
C17STM1078	JUNCTION	0.14	1.09	980.03	0	00:40	0.83
C17STM1079	JUNCTION	0.13	1.99	980.60	0	00:39	1.19
C17STM1080	JUNCTION	0.13	1.08	979.44	0	00:41	1.08
C17STM1081	JUNCTION	0.01	1.82	980.66	0	00:39	1.82
C17STM1090	JUNCTION	0.12	1.08	978.32	0	00:44	1.08
C18STM1077	JUNCTION	0.15	1.81	980.74	0	01:06	1.81
C6STM180	JUNCTION	0.02	0.46	938.37	0	01:01	0.46
C6STM181	JUNCTION	0.01	0.37	938.37	0	01:00	0.37
C7STM178	JUNCTION	0.07	0.92	938.43	0	00:58	0.92
C7STM179	JUNCTION	0.14	1.04	938.37	0	01:01	1.04
C7STM182	JUNCTION	0.25	1.13	938.33	0	01:03	1.13
C7STM183	JUNCTION	0.20	1.10	938.33	0	01:03	1.09
C7STM185	JUNCTION	0.02	0.26	938.17	0	00:40	0.26
C7STM187	JUNCTION	0.02	0.25	938.02	0	00:57	0.25
C8STM188	JUNCTION	0.27	0.58	937.78	0	00:48	0.58
C8STM189	JUNCTION	0.04	0.31	937.81	0	00:48	0.31
CULV5002	JUNCTION	0.17	1.15	940.94	0	01:03	1.15
CULV5004	JUNCTION	0.11	1.05	940.54	0	01:05	1.05
CULV5158_Inlet	JUNCTION	0.41	1.31	938.32	0	01:04	1.31
CULV5159_Outlet	JUNCTION	0.53	1.41	938.22	0	01:04	1.41
CULV5170	JUNCTION	0.40	0.93	937.65	0	01:03	0.93
CULV5171	JUNCTION	0.48	0.90	937.41	0	01:02	0.90
CULV5178	JUNCTION	0.04	0.73	938.23	0	01:04	0.73
CULV5179	JUNCTION	0.01	0.38	938.23	0	01:04	0.38
CULV5207	JUNCTION	0.02	0.40	936.51	0	00:40	0.40
CULV5210	JUNCTION	0.03	0.51	937.33	0	00:42	0.51
CULV5252	JUNCTION	0.01	0.18	938.26	0	00:46	0.18
CULV5258	JUNCTION	0.34	0.65	938.88	0	00:46	0.65
CULV5259	JUNCTION	0.15	0.61	939.04	0	00:45	0.61
CULV5260	JUNCTION	0.27	0.69	939.70	0	00:52	0.69
CULV5262	JUNCTION	0.14	0.56	939.70	0	00:53	0.56
CULV5263	JUNCTION	0.34	0.75	939.69	0	00:52	0.75
CULV5287	JUNCTION	0.01	0.24	940.14	0	00:48	0.24
CULV5306	JUNCTION	0.06	0.51	938.89	0	00:47	0.51
CULV5307	JUNCTION	0.11	1.00	939.65	0	00:48	1.00
CULV5314	JUNCTION	0.29	0.64	937.75	0	00:50	0.64
CULV5315	JUNCTION	0.15	1.00	938.31	0	00:51	1.00
CULV5354	JUNCTION	0.05	0.55	939.03	0	00:46	0.55
CULV5385	JUNCTION	0.03	0.59	941.01	0	00:40	0.59
CULV5397	JUNCTION	0.03	0.35	939.54	0	00:45	0.35
CULV5415	JUNCTION	0.02	0.34	942.32	0	00:42	0.34
CULV5440	JUNCTION	0.01	0.26	937.05	0	00:41	0.26
CULV5444	JUNCTION	0.03	0.34	937.04	0	00:41	0.34
CULV5445	JUNCTION	0.15	0.21	936.72	0	00:40	0.21
CULV5446	JUNCTION	0.18	0.53	936.13	0	01:05	0.53
CULV5447	JUNCTION	0.16	0.34	936.14	0	01:05	0.34
CULV5450	JUNCTION	0.00	0.03	936.49	0	00:40	0.03
CULV5451	JUNCTION	0.02	0.21	936.76	0	00:40	0.21
CULV5452	JUNCTION	0.11	0.26	936.16	0	01:05	0.26
CULV5453	JUNCTION	0.40	0.78	936.71	0	01:09	0.78
CULV5454	JUNCTION	0.00	0.04	937.23	0	00:40	0.04
CULV5466	JUNCTION	0.03	0.26	938.49	0	00:48	0.26
CULV5467	JUNCTION	0.04	0.18	938.21	0	00:48	0.18
CULV5471	JUNCTION	0.00	0.00	953.13	0	00:00	0.00
CULV5472	JUNCTION	0.00	0.00	952.71	0	00:00	0.00
CULV5474_Outlet	JUNCTION	0.20	1.17	946.65	0	00:44	1.17
CULV5475_Inlet	JUNCTION	0.29	1.50	947.28	0	00:40	1.50
CULV5479	JUNCTION	0.00	0.00	954.87	0	00:00	0.00
CULV5481	JUNCTION	0.01	0.13	952.74	0	00:45	0.13
CULV5484	JUNCTION	0.04	0.29	952.60	0	00:51	0.29
CULV5485	JUNCTION	0.01	0.12	951.58	0	00:54	0.12
CULV5504	JUNCTION	0.01	0.07	936.24	0	01:10	0.07
CULV5505	JUNCTION	0.04	0.19	936.82	0	01:05	0.19
CULV5537_ADD	JUNCTION	0.01	0.17	987.06	0	00:40	0.17
CULV5538_ADD	JUNCTION	0.01	0.10	991.23	0	00:44	0.10

D12STM255	JUNCTION	0.04	0.66	963.39	0	00:40	0.66
D13STM250	JUNCTION	0.10	0.85	966.70	0	00:40	0.85
D13STM251	JUNCTION	0.10	0.88	965.48	0	00:40	0.88
D14STM243	JUNCTION	0.02	0.82	969.11	0	00:40	0.82
D14STM244	JUNCTION	0.10	0.87	968.56	0	00:40	0.87
D14STM245	JUNCTION	0.10	0.47	971.63	0	00:40	0.47
D14STM246	JUNCTION	0.11	0.33	972.12	0	00:56	0.33
D14STM247	JUNCTION	0.10	0.55	970.33	0	00:40	0.55
D14STM248	JUNCTION	0.02	0.81	972.79	0	00:40	0.80
D14STM249	JUNCTION	0.10	0.67	968.59	0	00:40	0.67
F14STM271	JUNCTION	0.01	0.84	978.05	0	00:41	0.84
F14STM272	JUNCTION	0.01	0.17	974.26	0	00:41	0.17
F14STM273	JUNCTION	0.01	0.20	973.30	0	00:41	0.20
F14STM59	JUNCTION	0.01	0.19	971.60	0	00:40	0.19
F14STM60	JUNCTION	0.01	0.29	968.39	0	00:40	0.29
F14STM61	JUNCTION	0.02	0.40	963.63	0	00:40	0.40
F8STM265	JUNCTION	0.39	2.82	940.12	0	00:49	2.82
F8STM266	JUNCTION	0.26	2.35	939.60	0	00:56	2.35
F8STM270	JUNCTION	0.31	2.34	938.83	0	01:08	2.34
F9STM259	JUNCTION	0.10	1.29	941.10	0	00:40	1.29
F9STM264	JUNCTION	0.28	2.38	940.00	0	00:40	2.29
G14STM62	JUNCTION	0.02	0.92	960.72	0	00:41	0.92
G14STM63	JUNCTION	0.02	1.24	959.24	0	00:41	1.24
G14STM64	JUNCTION	0.02	1.01	956.66	0	00:42	1.01
G14STM65	JUNCTION	0.04	0.59	954.05	0	00:45	0.59
G14STM66	JUNCTION	0.88	1.73	957.34	0	01:03	1.73
G14STM67	JUNCTION	1.08	2.45	957.88	0	01:04	2.45
G14STM68	JUNCTION	1.38	2.75	957.88	0	01:04	2.75
G14STM71	JUNCTION	0.07	1.14	958.40	0	00:46	1.14
G14STM72	JUNCTION	0.04	0.51	958.90	0	00:40	0.51
G14STM73	JUNCTION	0.00	0.11	961.79	0	00:40	0.11
G14STM74	JUNCTION	0.04	0.50	960.22	0	00:41	0.50
G14STM75	JUNCTION	0.04	0.44	963.08	0	00:41	0.44
G14STM76	JUNCTION	0.04	0.44	965.49	0	00:43	0.44
G14STM76_ADD	JUNCTION	0.00	0.00	965.05	0	00:00	0.00
G7STM261	JUNCTION	0.40	2.88	938.78	0	01:08	2.88
G7STM262	JUNCTION	0.57	3.78	938.73	0	01:07	3.78
G8STM260	JUNCTION	0.38	2.76	938.74	0	01:08	2.76
G8STM269	JUNCTION	0.37	2.71	938.75	0	01:08	2.71
GCMH1	JUNCTION	0.01	0.78	944.99	0	00:40	0.78
GCMH10	JUNCTION	0.00	0.00	970.21	0	00:00	0.00
GCMH100	JUNCTION	0.01	0.28	988.39	0	00:40	0.28
GCMH101	JUNCTION	0.04	1.23	986.98	0	00:45	1.23
GCMH102	JUNCTION	0.03	1.50	985.50	0	00:37	1.50
GCMH107	JUNCTION	0.01	0.17	948.27	0	00:44	0.17
GCMH108	JUNCTION	0.01	0.18	949.26	0	00:40	0.18
GCMH109	JUNCTION	0.05	2.14	944.23	0	00:44	2.14
GCMH11	JUNCTION	0.00	0.00	970.73	0	00:00	0.00
GCMH110	JUNCTION	0.03	0.47	976.18	0	00:40	0.47
GCMH111	JUNCTION	0.11	2.14	979.96	0	00:45	2.13
GCMH114	JUNCTION	0.00	0.00	980.39	0	00:00	0.00
GCMH115	JUNCTION	0.00	0.00	978.62	0	00:00	0.00
GCMH116	JUNCTION	0.00	0.00	966.77	0	00:00	0.00
GCMH117	JUNCTION	0.00	0.00	971.39	0	00:00	0.00
GCMH118	JUNCTION	0.00	0.00	969.60	0	00:00	0.00
GCMH119	JUNCTION	0.00	0.00	967.80	0	00:00	0.00
GCMH12	JUNCTION	0.00	0.00	970.48	0	00:00	0.00
GCMH120	JUNCTION	0.00	0.00	967.58	0	00:00	0.00
GCMH121	JUNCTION	0.07	0.08	965.46	0	02:30	0.08
GCMH122	JUNCTION	0.04	0.04	973.33	0	02:26	0.04
GCMH123	JUNCTION	0.01	0.14	952.82	0	00:40	0.14
GCMH124	JUNCTION	0.01	0.14	952.62	0	00:40	0.14
GCMH125	JUNCTION	0.02	0.25	952.60	0	00:50	0.25
GCMH126	JUNCTION	0.00	0.00	952.65	0	00:00	0.00
GCMH127	JUNCTION	0.02	0.07	976.59	0	00:40	0.07
GCMH129	JUNCTION	0.01	0.06	980.92	0	00:54	0.06
GCMH13	JUNCTION	0.00	0.00	968.87	0	00:00	0.00
GCMH131	JUNCTION	0.12	1.67	980.98	0	01:00	1.67
GCMH132	JUNCTION	0.04	2.38	949.18	0	00:41	2.38
GCMH133	JUNCTION	0.01	0.11	982.89	0	00:40	0.11
GCMH134	JUNCTION	0.01	0.27	988.22	0	00:40	0.27
GCMH135	JUNCTION	0.04	1.17	987.69	0	00:44	1.17
GCMH136	JUNCTION	0.02	0.56	980.19	0	00:41	0.56
GCMH137	JUNCTION	0.02	0.31	982.06	0	00:40	0.31
GCMH138	JUNCTION	0.03	1.38	984.56	0	00:41	1.38

GCMH139	JUNCTION	0.03	1.52	985.47	0	00:40	1.51
GCMH14	JUNCTION	0.00	0.00	967.96	0	00:00	0.00
GCMH140	JUNCTION	0.17	0.32	955.12	0	01:00	0.32
GCMH141	JUNCTION	0.03	1.45	985.17	0	00:40	1.45
GCMH142	JUNCTION	0.06	1.96	989.08	0	00:43	1.96
GCMH143	JUNCTION	0.04	1.90	989.59	0	00:42	1.90
GCMH144	JUNCTION	0.05	1.99	990.35	0	00:47	1.99
GCMH145	JUNCTION	0.01	0.25	948.47	0	00:40	0.25
GCMH146	JUNCTION	0.02	0.38	949.13	0	00:40	0.38
GCMH147	JUNCTION	0.00	0.19	949.14	0	00:40	0.19
GCMH148	JUNCTION	0.05	0.12	952.95	0	01:01	0.12
GCMH149	JUNCTION	0.76	1.48	978.99	0	00:46	1.48
GCMH15	JUNCTION	0.00	0.00	968.07	0	00:00	0.00
GCMH150	JUNCTION	0.03	0.75	979.29	0	00:45	0.75
GCMH151	JUNCTION	0.03	1.47	983.82	0	00:45	1.47
GCMH152	JUNCTION	0.01	0.71	983.97	0	00:45	0.71
GCMH153	JUNCTION	0.02	0.11	980.21	0	00:41	0.11
GCMH154	JUNCTION	0.01	0.72	984.03	0	00:44	0.72
GCMH155	JUNCTION	0.03	0.95	978.28	0	00:43	0.95
GCMH156	JUNCTION	0.04	1.77	982.29	0	00:45	1.77
GCMH157	JUNCTION	0.06	1.13	977.37	0	00:45	1.13
GCMH158	JUNCTION	0.04	1.02	977.69	0	00:45	1.02
GCMH159	JUNCTION	0.02	0.36	982.68	0	00:40	0.36
GCMH16	JUNCTION	0.07	0.07	973.60	0	02:25	0.07
GCMH160	JUNCTION	0.02	0.35	982.80	0	00:41	0.35
GCMH17	JUNCTION	0.20	0.57	966.85	0	01:10	0.53
GCMH18	JUNCTION	0.36	0.63	966.72	0	00:55	0.62
GCMH19	JUNCTION	0.45	0.71	966.71	0	02:28	0.71
GCMH2	JUNCTION	0.00	0.00	953.05	0	00:00	0.00
GCMH20	JUNCTION	1.03	1.29	966.71	0	02:28	1.29
GCMH21	JUNCTION	1.92	1.98	965.59	0	02:29	1.98
GCMH22	JUNCTION	1.64	5.73	970.53	0	00:00	1.90
GCMH23	JUNCTION	1.52	3.47	968.39	0	00:01	2.65
GCMH24	JUNCTION	0.54	0.87	966.78	0	01:05	0.80
GCMH25	JUNCTION	0.00	0.00	967.08	0	00:00	0.00
GCMH26	JUNCTION	0.00	0.00	967.26	0	00:00	0.00
GCMH27	JUNCTION	0.00	0.00	970.82	0	00:00	0.00
GCMH28	JUNCTION	0.00	0.00	967.04	0	00:00	0.00
GCMH29	JUNCTION	0.00	0.00	970.14	0	00:00	0.00
GCMH3	JUNCTION	0.04	1.88	940.96	0	00:46	1.88
GCMH30	JUNCTION	0.00	0.00	967.11	0	00:00	0.00
GCMH31	JUNCTION	0.00	0.03	966.70	0	02:39	0.03
GCMH32	JUNCTION	0.04	1.70	943.10	0	00:43	1.70
GCMH33	JUNCTION	0.01	0.07	979.25	0	00:51	0.07
GCMH34	JUNCTION	0.01	0.17	975.86	0	00:40	0.17
GCMH35	JUNCTION	0.06	1.50	985.17	0	00:45	1.50
GCMH36	JUNCTION	0.29	3.52	984.25	0	00:43	3.52
GCMH37	JUNCTION	0.26	3.29	982.27	0	00:43	3.29
GCMH38	JUNCTION	1.12	3.51	979.96	0	00:44	3.51
GCMH39	JUNCTION	0.01	0.17	975.49	0	00:40	0.17
GCMH40	JUNCTION	0.04	0.62	975.70	0	00:41	0.62
GCMH41	JUNCTION	1.20	1.49	975.14	0	00:41	1.49
GCMH42	JUNCTION	0.48	0.91	973.36	0	00:41	0.91
GCMH43	JUNCTION	0.02	0.24	975.89	0	00:40	0.24
GCMH44	JUNCTION	0.01	0.74	975.51	0	00:40	0.37
GCMH46	JUNCTION	0.23	0.37	972.16	0	01:53	0.37
GCMH47	JUNCTION	0.01	0.26	973.31	0	00:40	0.26
GCMH48	JUNCTION	0.01	0.22	975.53	0	00:40	0.22
GCMH49	JUNCTION	0.01	0.22	974.01	0	00:40	0.22
GCMH5	JUNCTION	0.00	0.12	950.13	0	00:40	0.12
GCMH50	JUNCTION	0.10	1.78	976.58	0	00:45	1.78
GCMH51	JUNCTION	0.01	0.89	983.83	0	00:44	0.89
GCMH52	JUNCTION	0.04	1.44	984.38	0	00:42	1.44
GCMH54	JUNCTION	0.04	1.89	990.36	0	00:47	1.89
GCMH55	JUNCTION	0.05	2.76	945.87	0	00:45	2.76
GCMH56	JUNCTION	0.12	0.82	939.37	0	00:48	0.82
GCMH57	JUNCTION	0.06	0.45	938.75	0	00:50	0.45
GCMH58	JUNCTION	0.03	1.59	943.15	0	00:43	1.58
GCMH6	JUNCTION	0.04	1.08	965.11	0	00:40	1.08
GCMH60	JUNCTION	0.19	0.38	962.48	0	00:59	0.38
GCMH61	JUNCTION	0.05	1.74	943.47	0	00:43	1.74
GCMH62	JUNCTION	0.02	0.41	971.32	0	00:40	0.41
GCMH63	JUNCTION	0.07	1.06	939.94	0	00:40	0.64
GCMH64	JUNCTION	0.01	0.17	952.62	0	00:40	0.17
GCMH65	JUNCTION	1.14	1.75	948.04	0	04:01	1.75

GCMH66	JUNCTION	0.59	1.43	948.71	0	01:33	1.41
GCMH67	JUNCTION	0.03	0.62	959.64	0	00:41	0.62
GCMH68	JUNCTION	0.03	0.62	959.44	0	00:43	0.62
GCMH7	JUNCTION	0.00	0.00	979.62	0	00:00	0.00
GCMH70	JUNCTION	0.03	0.31	959.63	0	00:58	0.31
GCMH71	JUNCTION	0.33	1.49	962.29	0	00:45	1.49
GCMH72	JUNCTION	0.01	0.22	961.30	0	00:43	0.22
GCMH73	JUNCTION	0.00	0.00	961.84	0	00:00	0.00
GCMH74	JUNCTION	0.01	1.64	967.17	0	00:39	1.12
GCMH75	JUNCTION	0.00	0.16	965.13	0	00:41	0.16
GCMH76	JUNCTION	0.04	1.26	962.36	0	00:48	1.26
GCMH77	JUNCTION	0.18	0.46	948.23	0	00:41	0.46
GCMH78	JUNCTION	0.04	0.61	940.12	0	00:56	0.61
GCMH79	JUNCTION	0.07	0.71	939.74	0	00:41	0.71
GCMH8	JUNCTION	0.00	0.00	976.61	0	00:00	0.00
GCMH80	JUNCTION	0.39	1.24	938.34	0	01:03	1.24
GCMH81	JUNCTION	1.07	2.60	949.29	0	06:53	1.98
GCMH82	JUNCTION	0.98	1.57	948.06	0	03:45	1.56
GCMH83	JUNCTION	0.07	0.11	967.55	0	02:00	0.11
GCMH84	JUNCTION	0.27	0.85	969.50	0	02:07	0.85
GCMH85	JUNCTION	0.29	0.86	969.50	0	02:07	0.86
GCMH86	JUNCTION	0.06	0.32	973.14	0	01:59	0.32
GCMH87	JUNCTION	0.02	0.29	973.61	0	00:46	0.29
GCMH88	JUNCTION	0.34	0.94	946.95	0	00:50	0.94
GCMH9	JUNCTION	0.00	0.00	974.00	0	00:00	0.00
GCMH91	JUNCTION	0.02	0.24	943.43	0	00:40	0.24
GCMH92	JUNCTION	0.06	0.59	939.39	0	00:50	0.59
GCMH93	JUNCTION	0.24	1.13	938.32	0	01:03	1.13
GCMH94	JUNCTION	0.00	0.00	952.22	0	00:00	0.00
GCMH95	JUNCTION	0.02	1.70	972.96	0	00:40	1.70
GCMH96	JUNCTION	0.01	0.35	974.91	0	00:40	0.35
GCMH97	JUNCTION	0.01	2.91	945.80	0	00:40	0.59
GCMH98	JUNCTION	0.02	0.18	946.51	0	00:56	0.18
GCMH99	JUNCTION	0.02	0.79	977.30	0	00:44	0.79
H11STM1499	JUNCTION	0.05	1.66	945.06	0	00:45	1.66
H11STM1500	JUNCTION	0.07	1.55	944.66	0	00:46	1.55
H12STM1492	JUNCTION	0.04	1.48	945.12	0	00:46	1.48
H12STM1493	JUNCTION	0.03	1.19	945.19	0	00:46	1.19
H12STM1495	JUNCTION	0.02	0.95	945.21	0	00:47	0.95
H12STM1498	JUNCTION	0.04	1.55	945.69	0	00:45	1.55
H12STM1505	JUNCTION	0.02	0.87	944.23	0	00:45	0.87
H12STM1506	JUNCTION	0.06	1.09	944.13	0	00:45	1.09
H12STM1537	JUNCTION	0.03	1.49	946.29	0	00:46	1.49
H13STM1494	JUNCTION	0.00	0.12	946.50	0	00:40	0.12
H13STM1519	JUNCTION	0.09	2.99	954.02	0	00:48	2.99
H13STM1531	JUNCTION	0.03	1.02	947.92	0	00:45	1.02
H13STM1532	JUNCTION	0.05	1.31	947.71	0	00:48	1.31
H13STM1533	JUNCTION	0.04	1.26	947.12	0	00:48	1.26
H13STM2276	JUNCTION	0.06	1.64	948.43	0	00:47	1.64
H14STM1518	JUNCTION	0.03	1.45	953.40	0	00:45	1.45
H14STM69	JUNCTION	0.01	0.13	958.10	0	00:40	0.13
H14STM70	JUNCTION	0.01	0.14	960.98	0	00:40	0.14
H7STM133	JUNCTION	0.03	0.39	938.43	0	00:43	0.39
H8STM134	JUNCTION	0.04	0.80	939.04	0	00:44	0.80
H8STM135	JUNCTION	0.04	0.88	939.20	0	00:44	0.88
H8STM136	JUNCTION	0.04	1.17	939.75	0	00:45	1.17
H8STM137	JUNCTION	0.04	1.38	940.20	0	00:44	1.38
H9STM138	JUNCTION	0.05	1.51	940.73	0	00:41	1.51
HPMH10	JUNCTION	0.03	1.58	941.54	0	00:38	1.16
HPMH11	JUNCTION	0.37	2.17	939.43	0	00:41	2.17
HPMH12	JUNCTION	0.88	2.25	938.98	0	00:39	2.25
HPMH13	JUNCTION	0.03	1.01	938.01	0	00:38	0.61
HPMH14	JUNCTION	0.03	1.27	938.16	0	00:39	0.47
HPMH15	JUNCTION	0.04	0.47	937.07	0	00:40	0.47
HPMH16	JUNCTION	0.13	1.15	941.83	0	00:52	1.15
HPMH17	JUNCTION	0.04	2.81	939.70	0	00:40	2.81
HPMH18	JUNCTION	0.01	0.56	937.57	0	00:40	0.48
HPMH19	JUNCTION	0.02	0.46	937.57	0	00:40	0.46
HPMH2	JUNCTION	0.14	0.64	937.06	0	00:52	0.64
HPMH20	JUNCTION	0.90	2.42	939.12	0	00:39	2.42
HPMH21	JUNCTION	0.11	2.07	939.59	0	00:42	1.97
HPMH22	JUNCTION	0.02	0.32	938.32	0	00:45	0.32
HPMH23	JUNCTION	0.03	0.45	937.10	0	00:42	0.45
HPMH25	JUNCTION	1.13	2.07	938.54	0	00:39	1.48
HPMH26	JUNCTION	0.03	0.36	938.26	0	00:46	0.36

HPMH28	JUNCTION	0.72	0.72	939.98	0	00:31	0.73
HPMH28_ADD	JUNCTION	0.14	0.79	940.04	0	00:48	0.79
HPMH29	JUNCTION	0.12	0.70	937.54	0	00:51	0.70
HPMH3	JUNCTION	0.03	0.55	937.55	0	00:51	0.55
HPMH33	JUNCTION	0.01	0.35	938.05	0	00:40	0.35
HPMH34	JUNCTION	0.01	0.17	937.75	0	00:40	0.17
HPMH36	JUNCTION	0.64	1.00	936.69	0	03:47	1.00
HPMH37	JUNCTION	0.21	0.39	937.88	0	02:24	0.39
HPMH38	JUNCTION	0.25	0.63	937.93	0	00:41	0.62
HPMH39	JUNCTION	0.26	0.65	936.80	0	00:52	0.65
HPMH4	JUNCTION	0.02	0.32	938.10	0	00:49	0.32
HPMH40	JUNCTION	0.00	0.20	937.37	0	00:42	0.20
HPMH41	JUNCTION	0.04	0.28	936.82	0	00:48	0.28
HPMH42	JUNCTION	0.01	0.14	936.77	0	00:43	0.14
HPMH43	JUNCTION	0.04	0.26	937.56	0	00:52	0.26
HPMH44_ADD	JUNCTION	0.06	0.42	939.32	0	00:55	0.42
HPMH45	JUNCTION	0.22	0.59	936.09	0	01:05	0.59
HPMH46	JUNCTION	0.17	0.45	935.64	0	01:08	0.45
HPMH47	JUNCTION	0.27	0.62	936.72	0	01:09	0.62
HPMH48	JUNCTION	0.08	1.23	938.93	0	00:42	1.23
HPMH49	JUNCTION	0.41	0.75	936.69	0	03:48	0.75
HPMH5	JUNCTION	0.11	0.64	937.27	0	00:51	0.64
HPMH51	JUNCTION	0.80	1.18	936.69	0	03:46	1.18
HPMH6	JUNCTION	0.15	0.77	937.50	0	00:51	0.77
HPMH7	JUNCTION	0.01	1.24	939.28	0	00:40	0.50
HPMH8	JUNCTION	0.01	1.05	939.29	0	00:40	0.95
HPMH9	JUNCTION	0.03	0.92	938.76	0	00:40	0.92
I10STM144	JUNCTION	0.06	1.18	941.02	0	00:43	1.18
I10STM145	JUNCTION	0.06	1.21	941.02	0	00:40	1.21
I10STM146	JUNCTION	0.07	1.32	940.99	0	00:40	1.32
I10STM147	JUNCTION	0.08	1.40	940.93	0	00:53	1.40
I10STM93	JUNCTION	0.08	1.77	941.84	0	00:41	1.77
I10STM94	JUNCTION	0.08	2.01	941.89	0	00:43	2.00
I10STM95	JUNCTION	0.08	1.89	941.61	0	00:48	1.89
I11STM1501	JUNCTION	0.08	1.53	944.53	0	00:46	1.53
I11STM153	JUNCTION	0.09	1.30	944.63	0	00:48	1.30
I11STM154	JUNCTION	0.09	1.32	944.28	0	00:48	1.32
I11STM92	JUNCTION	0.08	2.05	942.26	0	00:40	2.05
I12STM1471	JUNCTION	0.06	1.54	945.24	0	00:48	1.54
I12STM1472	JUNCTION	0.01	2.05	946.84	0	00:42	0.60
I12STM1473	JUNCTION	0.06	1.52	945.39	0	00:48	1.52
I12STM1481	JUNCTION	0.19	2.31	944.76	0	00:52	2.31
I12STM1483	JUNCTION	0.06	1.55	945.04	0	00:48	1.55
I12STM1484	JUNCTION	0.24	2.48	944.73	0	00:52	2.48
I12STM1485	JUNCTION	0.32	2.52	944.57	0	00:51	2.52
I12STM1486	JUNCTION	0.07	1.79	944.96	0	00:48	1.79
I12STM1487	JUNCTION	0.05	1.54	945.02	0	00:48	1.54
I12STM1488	JUNCTION	0.14	1.48	944.14	0	00:47	1.48
I12STM1489	JUNCTION	0.07	1.25	944.33	0	00:47	1.25
I12STM1502	JUNCTION	0.10	1.43	944.24	0	00:46	1.43
I12STM1503	JUNCTION	0.14	1.41	944.03	0	00:46	1.41
I12STM1504	JUNCTION	0.09	1.18	944.04	0	00:46	1.18
I12STM1507	JUNCTION	0.18	3.65	946.15	0	00:39	1.52
I12STM1508	JUNCTION	0.29	1.47	943.82	0	00:47	1.47
I12STM1511	JUNCTION	0.14	2.32	945.30	0	00:40	1.06
I12STM1513	JUNCTION	0.32	3.06	945.27	0	00:38	1.80
I12STM1514	JUNCTION	0.35	2.41	944.52	0	00:40	2.01
I12STM1515	JUNCTION	0.38	2.36	944.35	0	00:51	2.36
I13STM1474	JUNCTION	0.05	1.48	945.84	0	00:48	1.48
I13STM1475	JUNCTION	0.05	1.43	946.16	0	00:48	1.43
I13STM1476	JUNCTION	0.02	1.26	946.56	0	00:41	1.26
I13STM1477	JUNCTION	0.02	2.39	947.14	0	00:39	0.79
I13STM1478	JUNCTION	0.04	1.24	945.44	0	00:46	1.24
I13STM1479	JUNCTION	0.06	1.46	944.91	0	00:49	1.46
I13STM1480	JUNCTION	0.08	1.72	944.86	0	00:51	1.72
I13STM1482	JUNCTION	0.06	2.18	946.08	0	00:46	2.18
I13STM1496	JUNCTION	0.03	1.00	945.53	0	00:46	1.00
I13STM1497	JUNCTION	0.06	2.17	946.20	0	00:46	2.17
I13STM1525	JUNCTION	0.06	1.84	948.84	0	00:46	1.84
I13STM1526	JUNCTION	0.01	0.49	948.12	0	00:40	0.49
I13STM1527	JUNCTION	0.01	0.29	947.22	0	00:40	0.29
I13STM1534	JUNCTION	0.05	1.52	946.88	0	00:48	1.52
I13STM1536	JUNCTION	0.05	1.52	946.75	0	00:48	1.52
I14STM1517	JUNCTION	0.03	1.39	953.64	0	00:45	1.39
I14STM1520	JUNCTION	0.02	0.51	950.71	0	00:46	0.51

I14STM1521	JUNCTION	0.12	0.86	950.69	0	00:41	0.86
I14STM1522	JUNCTION	0.01	0.15	949.42	0	00:41	0.15
I14STM1524	JUNCTION	0.00	0.07	949.88	0	00:40	0.07
I14STM1528	JUNCTION	0.01	0.22	947.32	0	00:40	0.22
I14STM1529	JUNCTION	0.01	0.15	947.76	0	00:41	0.15
I14STM1530	JUNCTION	0.02	0.37	946.58	0	00:40	0.37
I7STM125	JUNCTION	0.03	0.87	938.44	0	00:45	0.87
I7STM128	JUNCTION	0.03	0.79	938.55	0	00:44	0.79
I7STM129	JUNCTION	0.02	0.71	938.56	0	00:43	0.71
I8STM100	JUNCTION	0.08	1.05	938.88	0	00:49	1.05
I8STM101	JUNCTION	0.03	1.25	939.41	0	00:38	0.91
I8STM102	JUNCTION	0.04	0.97	939.06	0	00:40	0.97
I8STM103	JUNCTION	0.02	1.24	939.60	0	00:38	0.94
I8STM104	JUNCTION	0.08	0.96	938.72	0	00:49	0.96
I8STM106	JUNCTION	0.15	0.54	938.11	0	00:43	0.54
I8STM111	JUNCTION	0.06	1.17	939.12	0	00:44	1.17
I8STM128	JUNCTION	0.01	0.44	938.59	0	00:44	0.44
I8STM130	JUNCTION	0.03	0.77	939.02	0	00:41	0.77
I8STM131	JUNCTION	0.01	0.33	938.59	0	00:42	0.33
I8STM132	JUNCTION	0.02	0.62	938.58	0	00:43	0.62
I8STM140	JUNCTION	0.07	1.50	940.06	0	00:49	1.50
I8STM141	JUNCTION	0.07	1.70	940.06	0	00:46	1.70
I8STM142	JUNCTION	0.07	2.16	940.37	0	00:36	1.49
I8STM151	JUNCTION	0.01	0.64	939.16	0	00:41	0.64
I8STM152	JUNCTION	0.03	0.81	939.13	0	00:41	0.81
I8STM99	JUNCTION	0.09	1.48	939.52	0	00:50	1.48
I9STM139	JUNCTION	0.05	1.54	940.81	0	00:40	1.54
I9STM143	JUNCTION	0.08	1.90	941.50	0	00:47	1.90
I9STM148	JUNCTION	0.10	1.65	940.92	0	00:52	1.65
I9STM149	JUNCTION	0.07	1.44	940.94	0	00:51	1.43
I9STM150	JUNCTION	0.08	1.37	940.54	0	00:35	1.35
I9STM96	JUNCTION	0.09	2.17	941.42	0	00:49	2.17
I9STM97	JUNCTION	0.09	1.94	940.87	0	00:51	1.94
I9STM98	JUNCTION	0.07	1.62	940.37	0	00:51	1.62
J1	JUNCTION	0.38	1.34	931.38	0	01:52	1.34
J10	JUNCTION	0.19	1.13	942.43	0	00:51	1.13
J100	JUNCTION	0.02	0.17	950.19	0	00:46	0.17
J101	JUNCTION	0.06	0.56	947.86	0	00:43	0.56
J102	JUNCTION	0.05	0.36	948.06	0	00:40	0.36
J103	JUNCTION	0.09	1.54	947.09	0	00:47	1.54
J104	JUNCTION	0.06	0.53	953.14	0	00:46	0.53
J105	JUNCTION	0.06	0.61	953.55	0	00:46	0.61
J106	JUNCTION	0.09	1.58	946.93	0	00:47	1.58
J107	JUNCTION	0.01	0.21	977.19	0	00:40	0.21
J108	JUNCTION	0.00	0.00	936.36	0	00:00	0.00
J109	JUNCTION	0.02	0.38	975.70	0	00:40	0.38
J10-Stan	JUNCTION	0.10	0.58	938.63	0	00:56	0.58
J10STM1873	JUNCTION	0.08	1.79	940.61	0	00:42	1.79
J10STM1874	JUNCTION	0.05	1.48	940.64	0	00:47	1.48
J10STM1875	JUNCTION	0.04	1.41	941.04	0	00:42	1.41
J10STM1876	JUNCTION	0.07	1.94	940.97	0	00:41	1.94
J10STM1877	JUNCTION	0.04	1.77	940.97	0	00:42	1.77
J11	JUNCTION	0.22	0.97	942.46	0	00:50	0.97
J110	JUNCTION	0.02	0.69	966.97	0	00:40	0.69
J111	JUNCTION	0.01	0.13	976.08	0	00:40	0.13
J112	JUNCTION	0.01	0.17	972.39	0	00:40	0.17
J113	JUNCTION	0.01	0.12	967.22	0	00:40	0.12
J114	JUNCTION	0.02	0.48	962.35	0	00:39	0.48
J115	JUNCTION	0.02	0.54	956.69	0	00:40	0.54
J116	JUNCTION	0.04	1.10	953.27	0	00:41	1.10
J119	JUNCTION	0.05	1.04	949.82	0	00:41	1.04
J11-Stan	JUNCTION	0.08	0.50	938.46	0	00:56	0.50
J11STM155	JUNCTION	0.09	1.36	943.33	0	00:49	1.36
J11STM156	JUNCTION	0.09	1.37	942.88	0	00:50	1.37
J11STM157	JUNCTION	0.19	1.49	942.41	0	00:51	1.48
J12	JUNCTION	0.21	0.83	942.49	0	00:51	0.83
J120	JUNCTION	0.05	1.12	949.16	0	00:44	1.12
J121	JUNCTION	0.06	0.97	947.52	0	00:46	0.97
J122	JUNCTION	0.03	0.80	948.32	0	00:42	0.80
J123	JUNCTION	0.10	1.03	947.78	0	00:56	1.03
J125	JUNCTION	0.10	2.38	948.60	0	00:47	2.38
J126	JUNCTION	0.11	2.48	948.54	0	00:52	2.48
J127	JUNCTION	0.11	2.61	948.46	0	00:56	2.61
J128	JUNCTION	0.10	2.52	948.63	0	00:51	2.52
J129	JUNCTION	0.08	2.17	948.47	0	00:55	2.17

J12-Stan	JUNCTION	0.07	0.46	937.99	0	00:57	0.46
J13	JUNCTION	0.21	0.70	942.56	0	00:49	0.70
J130	JUNCTION	0.65	1.77	948.48	0	00:55	1.77
J131	JUNCTION	0.00	0.11	952.13	0	00:40	0.11
J132	JUNCTION	0.01	0.92	951.82	0	00:43	0.92
J133	JUNCTION	0.04	2.01	951.71	0	00:43	2.01
J134	JUNCTION	0.08	3.11	951.34	0	00:45	3.11
J135	JUNCTION	0.01	0.67	949.94	0	00:48	0.67
J136	JUNCTION	0.06	2.15	949.94	0	00:48	2.15
J137	JUNCTION	0.06	3.25	951.35	0	00:37	2.51
J138	JUNCTION	0.11	2.92	949.33	0	00:48	2.92
J139	JUNCTION	0.02	0.83	948.62	0	00:50	0.83
J13-Stan	JUNCTION	0.47	1.00	937.90	0	00:52	1.00
J14_ADD	JUNCTION	0.09	0.56	939.66	0	00:54	0.56
J140	JUNCTION	0.00	0.38	955.53	0	00:03	0.36
J141	JUNCTION	0.15	0.73	955.40	0	00:03	0.73
J142	JUNCTION	0.25	2.42	956.83	0	00:02	1.79
J143	JUNCTION	0.08	0.40	956.16	0	00:39	0.40
J144	JUNCTION	0.08	0.65	959.09	0	00:40	0.65
J145	JUNCTION	0.06	0.28	962.84	0	00:40	0.28
J146	JUNCTION	0.07	0.16	965.68	0	00:40	0.16
J147	JUNCTION	0.07	0.15	968.95	0	00:40	0.15
J148	JUNCTION	0.00	0.06	966.50	0	00:40	0.06
J149	JUNCTION	0.01	0.18	961.07	0	00:40	0.18
J15_ADD	JUNCTION	0.02	0.25	942.36	0	00:53	0.25
J150	JUNCTION	0.01	0.24	961.44	0	00:40	0.24
J151	JUNCTION	0.02	0.78	959.85	0	00:41	0.78
J152	JUNCTION	0.02	1.06	958.05	0	00:42	1.06
J153	JUNCTION	0.02	0.72	981.68	0	00:41	0.72
J154	JUNCTION	0.02	0.40	979.94	0	00:40	0.40
J155	JUNCTION	0.27	1.23	939.73	0	02:58	1.23
J156	JUNCTION	0.28	1.23	939.71	0	00:41	1.23
J157	JUNCTION	0.31	1.39	939.79	0	02:27	1.39
J16_ADD	JUNCTION	0.02	0.27	949.67	0	00:40	0.27
J17	JUNCTION	0.02	0.16	941.18	0	00:51	0.16
J17-Stan	JUNCTION	0.13	0.75	937.21	0	01:04	0.75
J183	JUNCTION	0.12	2.38	937.64	0	00:46	2.38
J184	JUNCTION	0.09	2.16	937.79	0	00:48	2.16
J185	JUNCTION	0.14	2.38	937.73	0	00:46	2.38
J186	JUNCTION	0.13	2.45	937.62	0	00:46	2.45
J188	JUNCTION	0.13	2.33	937.79	0	00:46	2.33
J189	JUNCTION	0.13	2.33	937.81	0	00:46	2.33
J18-Stan	JUNCTION	0.40	0.91	936.89	0	01:07	0.91
J19	JUNCTION	0.00	0.04	981.43	0	00:44	0.04
J190	JUNCTION	0.13	2.33	937.83	0	00:46	2.33
J19-Stan	JUNCTION	0.16	0.76	937.13	0	01:05	0.76
J1-Stan	JUNCTION	0.09	0.59	938.91	0	00:55	0.59
J2	JUNCTION	0.15	1.33	940.53	0	01:06	1.33
J20	JUNCTION	0.15	0.24	968.18	0	02:06	0.24
J206	JUNCTION	0.10	1.37	937.95	0	00:59	1.36
J207	JUNCTION	0.10	1.46	937.95	0	00:59	1.45
J208	JUNCTION	0.11	1.51	937.93	0	01:01	1.51
J209	JUNCTION	0.12	1.62	937.92	0	01:00	1.62
J20-Stan	JUNCTION	0.19	0.79	937.08	0	01:05	0.79
J21	JUNCTION	0.10	0.20	972.80	0	02:03	0.20
J210	JUNCTION	0.12	1.74	937.87	0	01:00	1.74
J211	JUNCTION	0.12	1.87	937.89	0	00:45	1.87
J212	JUNCTION	0.12	2.02	937.90	0	00:45	2.02
J213	JUNCTION	0.13	2.11	937.90	0	00:45	2.11
J214	JUNCTION	0.12	2.19	937.89	0	00:45	2.19
J215	JUNCTION	0.13	2.28	937.85	0	00:46	2.28
J21-Stan	JUNCTION	0.23	0.81	937.01	0	01:06	0.81
J22	JUNCTION	0.00	0.00	968.86	0	00:40	0.00
J224	JUNCTION	0.01	0.22	983.04	0	00:40	0.22
J225	JUNCTION	0.01	0.30	981.25	0	00:40	0.30
J226	JUNCTION	0.02	0.40	978.48	0	00:40	0.40
J227	JUNCTION	0.02	0.44	977.49	0	00:40	0.44
J228	JUNCTION	0.03	0.72	976.31	0	00:40	0.72
J229	JUNCTION	0.02	0.65	977.41	0	00:40	0.65
J22-Stan	JUNCTION	0.29	0.83	936.93	0	01:07	0.83
J23	JUNCTION	0.00	0.00	973.83	0	00:00	0.00
J230	JUNCTION	0.02	0.55	977.54	0	00:40	0.55
J231	JUNCTION	0.02	0.46	977.79	0	00:40	0.46
J232	JUNCTION	0.39	0.67	982.89	0	00:40	0.67
J233	JUNCTION	0.01	0.16	984.75	0	00:40	0.16

J234	JUNCTION	0.03	0.68	975.10	0	00:41	0.68
J235	JUNCTION	0.00	0.12	975.76	0	00:40	0.12
J236	JUNCTION	1.29	1.78	973.29	0	00:01	1.75
J237	JUNCTION	0.11	0.74	973.45	0	00:41	0.74
J238	JUNCTION	0.03	0.77	973.83	0	00:41	0.77
J239	JUNCTION	1.61	3.80	974.97	0	00:00	1.89
J240	JUNCTION	0.01	0.21	957.94	0	00:40	0.21
J241	JUNCTION	0.02	0.57	956.44	0	00:40	0.57
J242	JUNCTION	0.02	0.58	955.92	0	00:40	0.58
J243	JUNCTION	0.03	0.63	956.21	0	00:40	0.63
J244	JUNCTION	0.05	2.33	958.81	0	00:43	2.33
J245	JUNCTION	0.02	0.35	958.95	0	00:40	0.35
J246	JUNCTION	0.02	0.33	960.95	0	00:40	0.33
J247	JUNCTION	0.02	0.74	962.51	0	00:40	0.74
J248	JUNCTION	1.75	4.80	957.40	0	00:00	4.47
J24-Stan	JUNCTION	2.80	3.56	935.95	0	01:12	3.49
J25	JUNCTION	0.01	3.27	948.29	0	00:41	0.52
J258	JUNCTION	0.00	0.00	977.25	0	00:00	0.00
J259	JUNCTION	0.01	0.14	976.21	0	00:40	0.14
J26	JUNCTION	0.04	1.71	946.20	0	00:46	1.71
J260	JUNCTION	0.01	0.21	974.78	0	00:40	0.21
J261	JUNCTION	0.01	0.35	968.85	0	00:40	0.35
J262	JUNCTION	0.02	0.50	965.85	0	00:40	0.50
J263	JUNCTION	0.01	0.28	966.05	0	00:40	0.28
J264	JUNCTION	0.01	0.63	966.70	0	00:40	0.63
J265	JUNCTION	0.00	0.00	966.87	0	00:00	0.00
J266	JUNCTION	0.00	0.00	978.06	0	00:00	0.00
J267	JUNCTION	0.08	0.16	970.58	0	02:04	0.16
J268	JUNCTION	0.00	0.00	977.60	0	00:00	0.00
J269	JUNCTION	0.01	0.12	982.86	0	00:40	0.12
J270	JUNCTION	0.00	0.00	979.58	0	00:00	0.00
J274	JUNCTION	0.14	1.39	942.27	0	00:50	1.36
J275	JUNCTION	0.13	2.60	947.09	0	00:55	2.60
J276	JUNCTION	0.11	2.02	945.95	0	00:55	2.02
J277	JUNCTION	0.04	1.26	945.90	0	00:53	1.26
J278	JUNCTION	0.05	1.54	945.90	0	00:48	1.54
J279	JUNCTION	0.09	1.98	945.90	0	00:47	1.98
J280	JUNCTION	0.10	1.93	945.71	0	00:51	1.93
J281	JUNCTION	0.11	2.07	945.40	0	00:54	2.07
J282	JUNCTION	0.12	2.06	945.66	0	00:54	2.06
J283	JUNCTION	0.05	2.04	946.18	0	00:41	1.51
J284	JUNCTION	0.05	1.42	945.41	0	00:53	1.42
J285	JUNCTION	0.14	2.21	945.05	0	00:53	2.21
J286	JUNCTION	0.20	4.66	947.12	0	00:39	2.41
J287	JUNCTION	0.07	2.57	946.15	0	00:43	2.57
J288	JUNCTION	0.14	1.65	944.86	0	00:49	1.65
J289	JUNCTION	0.14	2.80	947.45	0	00:55	2.80
J29	JUNCTION	0.18	2.03	940.02	0	02:01	2.03
J290	JUNCTION	0.16	2.06	944.59	0	00:53	2.06
J291	JUNCTION	0.19	2.16	944.59	0	00:53	2.16
J292	JUNCTION	0.10	2.06	945.11	0	00:49	2.06
J293	JUNCTION	0.10	1.97	945.07	0	00:55	1.97
J294	JUNCTION	0.05	1.48	947.09	0	00:55	1.48
J299	JUNCTION	0.00	0.37	962.57	0	00:41	0.37
J2-Stan	JUNCTION	0.09	0.59	939.03	0	00:55	0.59
J3	JUNCTION	0.06	0.40	939.40	0	01:06	0.40
J30	JUNCTION	0.21	2.13	939.97	0	02:02	2.13
J300	JUNCTION	0.00	0.00	962.31	0	00:00	0.00
J301	JUNCTION	0.01	0.14	959.81	0	00:40	0.14
J302	JUNCTION	0.00	0.00	958.40	0	00:00	0.00
J31	JUNCTION	0.21	1.94	939.72	0	01:12	1.94
J32	JUNCTION	0.23	2.07	939.72	0	01:14	2.07
J33	JUNCTION	0.24	2.12	939.72	0	01:14	2.12
J337	JUNCTION	1.42	3.50	956.50	0	00:01	3.50
J338	JUNCTION	0.59	3.30	957.20	0	00:00	3.30
J34	JUNCTION	0.25	2.20	939.72	0	01:16	2.20
J342	JUNCTION	0.03	0.17	956.53	0	01:04	0.17
J343	JUNCTION	0.04	0.24	955.07	0	01:05	0.24
J344	JUNCTION	0.03	0.47	938.82	0	00:43	0.47
J348	JUNCTION	0.40	0.75	934.74	0	01:10	0.75
J349	JUNCTION	0.21	0.60	934.60	0	01:13	0.60
J35	JUNCTION	0.27	2.29	939.72	0	00:59	2.29
J351	JUNCTION	0.29	1.42	939.99	0	00:40	1.42
J352	JUNCTION	0.04	1.56	941.55	0	00:40	1.56
J353	JUNCTION	0.26	0.77	934.48	0	01:24	0.77

J354	JUNCTION	0.13	1.31	940.33	0	00:41	1.31
J355	JUNCTION	0.12	1.60	940.36	0	00:40	1.53
J356	JUNCTION	0.13	1.38	940.11	0	00:42	1.37
J358_ADD	JUNCTION	0.09	0.57	940.37	0	00:46	0.57
J36	JUNCTION	0.27	2.32	939.72	0	00:57	2.32
J360	JUNCTION	0.34	0.93	934.36	0	01:35	0.93
J362	JUNCTION	0.24	1.58	941.33	0	00:36	1.58
J368	JUNCTION	1.18	2.55	957.88	0	01:04	2.55
J37	JUNCTION	0.29	2.43	939.73	0	00:57	2.43
J370	JUNCTION	0.48	1.09	934.29	0	01:35	1.09
J372	JUNCTION	0.18	1.31	940.35	0	00:40	1.31
J373	JUNCTION	0.03	1.56	942.28	0	00:40	1.56
J374	JUNCTION	0.15	1.61	940.63	0	00:42	1.61
J375	JUNCTION	0.21	2.00	940.21	0	00:40	2.00
J376	JUNCTION	0.04	1.54	943.23	0	00:40	1.54
J377	JUNCTION	0.08	1.60	942.61	0	00:40	1.60
J378	JUNCTION	0.02	0.43	941.19	0	00:39	0.43
J379	JUNCTION	0.12	1.50	940.30	0	00:39	1.47
J38	JUNCTION	0.31	2.55	939.75	0	00:56	2.55
J380	JUNCTION	0.38	2.73	938.74	0	01:08	2.73
J381	JUNCTION	0.14	1.32	939.07	0	00:40	1.32
J382	JUNCTION	0.14	1.18	938.78	0	01:08	1.18
J384	JUNCTION	0.20	1.94	940.01	0	00:43	1.94
J385	JUNCTION	0.22	1.99	939.97	0	00:45	1.99
J387	JUNCTION	0.21	2.40	940.39	0	00:41	1.98
J388	JUNCTION	0.29	2.33	939.89	0	00:48	2.33
J389	JUNCTION	0.35	2.30	938.87	0	01:05	2.30
J39	JUNCTION	0.31	2.58	939.75	0	00:55	2.58
J390	JUNCTION	0.01	0.15	972.61	0	00:41	0.15
J391	JUNCTION	0.02	1.42	955.12	0	00:44	1.42
J3-Stan	JUNCTION	0.09	0.60	938.83	0	00:56	0.60
J4	JUNCTION	0.01	0.14	939.05	0	00:42	0.14
J40	JUNCTION	0.33	2.67	939.74	0	00:55	2.67
J403	JUNCTION	0.24	0.93	934.23	0	01:33	0.93
J404	JUNCTION	0.41	1.30	933.89	0	01:37	1.30
J407	JUNCTION	0.11	0.47	932.50	0	01:39	0.47
J408	JUNCTION	0.22	0.77	929.81	0	02:05	0.77
J41	JUNCTION	0.48	3.56	939.72	0	00:55	3.56
J42	JUNCTION	0.47	3.58	939.70	0	00:55	3.58
J420	JUNCTION	0.03	0.29	940.14	0	00:48	0.29
J422	JUNCTION	0.01	0.26	978.48	0	00:40	0.26
J426	JUNCTION	1.77	1.80	945.89	0	00:37	1.80
J426_ADD	JUNCTION	0.04	1.27	945.36	0	00:40	1.27
J427_ADD	JUNCTION	0.03	0.65	944.65	0	00:40	0.65
J428	JUNCTION	1.18	1.37	946.06	0	00:40	1.37
J428_ADD	JUNCTION	0.06	1.32	946.02	0	00:40	1.32
J429	JUNCTION	0.70	0.88	946.07	0	00:40	0.88
J429_ADD	JUNCTION	0.03	1.50	946.69	0	00:35	0.83
J43	JUNCTION	0.49	3.64	939.66	0	00:55	3.64
J430	JUNCTION	1.18	1.38	946.07	0	00:40	1.38
J430_ADD	JUNCTION	0.06	1.32	946.02	0	00:40	1.32
J431	JUNCTION	0.03	1.26	947.52	0	00:40	1.26
J431_ADD	JUNCTION	0.00	0.00	946.27	0	00:00	0.00
J433	JUNCTION	0.00	0.00	967.56	0	00:00	0.00
J435	JUNCTION	0.07	2.13	948.76	0	00:38	1.97
J438	JUNCTION	0.32	1.20	953.38	0	00:41	1.20
J44	JUNCTION	0.53	3.67	939.60	0	00:56	3.67
J440	JUNCTION	0.04	0.68	951.70	0	00:41	0.68
J441	JUNCTION	0.05	0.94	950.54	0	00:40	0.94
J442	JUNCTION	0.07	3.06	956.06	0	00:40	3.06
J444	JUNCTION	0.08	2.78	955.53	0	00:41	2.78
J45	JUNCTION	0.51	3.66	939.56	0	00:58	3.66
J453	JUNCTION	0.31	1.44	939.79	0	02:27	1.44
J454	JUNCTION	0.34	1.86	939.82	0	00:50	1.86
J455	JUNCTION	0.36	2.36	939.89	0	00:52	2.36
J46	JUNCTION	0.53	3.69	939.53	0	00:58	3.69
J469	JUNCTION	0.04	2.20	941.21	0	00:38	0.59
J47	JUNCTION	0.52	3.66	939.46	0	00:58	3.66
J471	JUNCTION	0.11	2.11	945.08	0	00:50	2.11
J472	JUNCTION	0.14	2.98	948.25	0	00:56	2.98
J473	JUNCTION	0.26	1.90	938.88	0	01:07	1.90
J477	JUNCTION	0.09	1.46	937.87	0	00:53	1.46
J478	JUNCTION	0.03	1.23	937.65	0	00:46	1.23
J479	JUNCTION	0.09	2.52	938.41	0	00:41	2.52
J48	JUNCTION	0.54	3.66	939.39	0	00:58	3.66

J480	JUNCTION	0.04	1.25	937.74	0	00:46	1.25
J481	JUNCTION	0.08	1.86	937.81	0	00:52	1.86
J482	JUNCTION	0.10	2.26	937.92	0	00:47	2.26
J483	JUNCTION	0.08	1.21	937.94	0	00:45	1.21
J484	JUNCTION	0.09	1.25	937.96	0	00:59	1.23
J485	JUNCTION	0.10	2.43	937.51	0	00:46	2.43
J485-Stan	JUNCTION	0.00	0.00	935.07	0	00:00	0.00
J49	JUNCTION	0.30	2.54	939.49	0	00:58	2.54
J493	JUNCTION	0.04	0.95	947.60	0	00:43	0.95
J499	JUNCTION	0.05	1.17	949.02	0	00:44	1.17
J5	JUNCTION	0.08	0.82	936.33	0	00:51	0.82
J50	JUNCTION	0.33	2.71	939.46	0	00:58	2.70
J51	JUNCTION	0.35	2.85	939.41	0	00:58	2.85
J510	JUNCTION	0.06	1.22	948.51	0	00:43	1.22
J516	JUNCTION	0.00	0.00	983.13	0	00:00	0.00
J519	JUNCTION	0.00	0.00	978.46	0	00:00	0.00
J52	JUNCTION	0.53	3.61	939.28	0	00:57	3.61
J521	JUNCTION	0.00	0.00	975.94	0	00:00	0.00
J525	JUNCTION	0.00	0.00	977.72	0	00:00	0.00
J527	JUNCTION	0.00	0.00	961.21	0	00:00	0.00
J528	JUNCTION	0.01	0.27	958.86	0	00:40	0.27
J529	JUNCTION	0.33	0.43	952.83	0	01:49	0.43
J53	JUNCTION	0.53	3.54	939.16	0	01:00	3.54
J535	JUNCTION	0.26	1.22	939.77	0	00:42	1.22
J537	JUNCTION	0.08	1.25	941.16	0	00:36	1.19
J54	JUNCTION	0.53	3.52	939.12	0	01:00	3.52
J55	JUNCTION	0.34	2.51	938.79	0	01:08	2.51
J56	JUNCTION	0.53	3.51	939.08	0	01:00	3.51
J57	JUNCTION	0.52	3.43	938.94	0	01:08	3.43
J58	JUNCTION	0.53	3.47	938.92	0	01:09	3.47
J59	JUNCTION	0.54	3.51	938.83	0	01:09	3.51
J6	JUNCTION	0.11	0.48	935.79	0	00:48	0.48
J60	JUNCTION	0.56	3.57	938.71	0	01:10	3.57
J61	JUNCTION	0.06	1.59	941.40	0	00:37	1.18
J67	JUNCTION	0.03	0.24	981.04	0	00:42	0.24
J67-Stan	JUNCTION	0.02	0.13	936.69	0	03:48	0.13
J68	JUNCTION	0.05	0.05	976.65	0	02:22	0.05
J68-Stan	JUNCTION	0.07	0.28	936.69	0	03:46	0.28
J69	JUNCTION	0.17	0.64	942.58	0	00:49	0.64
J7	JUNCTION	0.09	1.62	942.49	0	00:42	1.62
J70	JUNCTION	0.21	1.59	938.49	0	01:22	1.50
J71	JUNCTION	0.23	1.20	937.90	0	01:11	1.20
J72	JUNCTION	0.11	0.66	937.02	0	01:23	0.66
J73_ADD	JUNCTION	0.01	0.18	981.50	0	00:43	0.18
J74_ADD	JUNCTION	0.02	0.19	981.78	0	00:44	0.19
J75_ADD	JUNCTION	0.02	0.24	969.71	0	00:46	0.24
J76_ADD	JUNCTION	0.07	0.59	940.68	0	00:49	0.59
J77_ADD	JUNCTION	0.14	0.73	939.87	0	00:54	0.73
J78_ADD	JUNCTION	0.02	0.23	940.53	0	00:59	0.23
J79_ADD	JUNCTION	0.03	0.46	947.97	0	00:40	0.46
J7STM109	JUNCTION	0.19	0.90	938.15	0	00:42	0.89
J7STM110	JUNCTION	0.17	0.96	938.15	0	00:41	0.96
J7STM122	JUNCTION	0.08	1.16	938.60	0	00:41	1.16
J7STM123	JUNCTION	0.08	1.09	938.46	0	00:42	1.09
J7STM124	JUNCTION	0.13	1.09	938.32	0	00:41	1.09
J8	JUNCTION	0.08	1.59	942.43	0	00:42	1.59
J80_ADD	JUNCTION	0.02	0.33	944.15	0	00:45	0.33
J81_ADD	JUNCTION	0.01	0.25	946.35	0	00:40	0.25
J85	JUNCTION	0.11	0.43	936.08	0	01:16	0.43
J86	JUNCTION	0.08	0.38	936.08	0	01:17	0.38
J87	JUNCTION	0.07	0.36	936.08	0	01:19	0.36
J88	JUNCTION	0.05	0.33	936.08	0	01:19	0.33
J89	JUNCTION	0.00	0.00	936.11	0	00:00	0.00
J8STM112	JUNCTION	0.03	0.87	939.04	0	00:46	0.87
J8STM113	JUNCTION	0.08	1.22	939.00	0	00:41	1.22
J8STM117	JUNCTION	0.07	1.21	939.17	0	00:45	1.21
J8STM118	JUNCTION	0.02	0.90	939.18	0	00:47	0.90
J8STM119	JUNCTION	0.03	0.84	939.01	0	00:45	0.84
J8STM120	JUNCTION	0.15	1.26	938.83	0	00:42	1.26
J8STM121	JUNCTION	0.07	1.17	938.73	0	00:42	1.17
J9	JUNCTION	0.40	2.51	944.47	0	00:51	2.51
J90	JUNCTION	0.00	0.00	936.26	0	00:00	0.00
J91	JUNCTION	0.00	0.00	936.36	0	00:00	0.00
J92	JUNCTION	0.00	0.00	936.41	0	00:00	0.00
J93	JUNCTION	0.00	0.00	936.71	0	00:00	0.00

J94	JUNCTION	0.00	0.00	936.91	0	00:00	0.00
J95	JUNCTION	0.00	0.00	937.11	0	00:00	0.00
J96	JUNCTION	0.17	0.54	936.09	0	01:05	0.54
J97	JUNCTION	0.06	0.40	949.34	0	00:40	0.40
J98	JUNCTION	0.05	0.35	949.73	0	00:40	0.35
J99	JUNCTION	0.06	0.59	951.68	0	00:46	0.59
J9-Stan	JUNCTION	0.10	0.61	938.75	0	00:56	0.61
J9STM114	JUNCTION	0.05	1.18	939.35	0	00:45	1.17
J9STM115	JUNCTION	0.07	1.23	939.31	0	00:46	1.23
J9STM116	JUNCTION	0.07	1.43	939.68	0	00:48	1.43
J9STM1871	JUNCTION	0.09	1.54	939.90	0	00:47	1.54
J9STM1872	JUNCTION	0.07	1.62	940.26	0	00:46	1.62
STMH1	JUNCTION	0.03	1.11	941.57	0	00:45	1.11
STMH10	JUNCTION	0.04	0.44	937.39	0	00:51	0.44
STMH11	JUNCTION	0.04	0.53	937.33	0	01:02	0.53
STMH12	JUNCTION	0.04	0.57	937.22	0	01:02	0.57
STMH13	JUNCTION	0.04	0.58	936.72	0	01:03	0.58
STMH15	JUNCTION	0.05	0.67	936.37	0	01:04	0.67
STMH16	JUNCTION	0.06	0.84	936.20	0	01:03	0.84
STMH17	JUNCTION	0.15	0.98	936.13	0	01:03	0.98
STMH18	JUNCTION	0.33	1.13	936.08	0	01:02	1.13
STMH19	JUNCTION	0.64	1.39	936.02	0	01:02	1.39
STMH2	JUNCTION	0.04	1.32	941.23	0	00:46	1.32
STMH20	JUNCTION	1.18	1.90	935.97	0	01:02	1.90
STMH21	JUNCTION	1.48	2.15	935.90	0	01:02	2.15
STMH22	JUNCTION	1.63	2.27	935.87	0	01:01	2.27
STMH23	JUNCTION	1.69	2.33	935.87	0	01:01	2.33
STMH24	JUNCTION	1.76	2.39	935.86	0	01:02	2.39
STMH25	JUNCTION	1.94	2.54	935.82	0	01:01	2.54
STMH26	JUNCTION	0.27	0.82	935.82	0	01:03	0.82
STMH27	JUNCTION	0.03	0.50	935.83	0	00:55	0.50
STMH3	JUNCTION	0.04	1.13	940.58	0	00:49	1.13
STMH4	JUNCTION	0.06	1.52	939.82	0	00:50	1.52
STMH5	JUNCTION	0.06	1.38	939.47	0	00:51	1.38
STMH6	JUNCTION	0.06	1.34	939.29	0	00:50	1.34
STMH7	JUNCTION	0.06	1.19	938.98	0	00:50	1.19
STMH8	JUNCTION	0.05	0.78	938.21	0	00:51	0.78
STMH9	JUNCTION	0.04	0.47	937.51	0	00:52	0.47
STMHD1	JUNCTION	2.16	3.76	936.81	0	00:42	3.64
STMHD2	JUNCTION	2.40	4.85	937.65	0	00:42	3.28
STMHD3	JUNCTION	2.81	3.65	936.04	0	01:18	3.50
SU3	JUNCTION	0.20	0.96	942.09	0	00:50	0.96
J423	OUTFALL	0.16	0.63	927.67	0	02:05	0.63
J82	OUTFALL	0.03	0.31	938.59	0	00:50	0.31
Lagoons	OUTFALL	0.00	0.00	0.00	0	00:00	0.00
Marina_Bay	OUTFALL	0.13	0.43	937.13	0	01:02	0.43
OF1	OUTFALL	0.00	0.00	937.51	0	00:00	0.00
OF2	OUTFALL	0.10	0.14	951.02	0	01:49	0.14
Beacon_Hill	STORAGE	0.41	1.10	973.14	0	01:58	1.10
Crestview	STORAGE	2.19	2.44	973.04	0	02:02	2.44
Crestview1	STORAGE	1.64	2.26	955.04	0	02:05	2.26
Fox_Run_PH14	STORAGE	0.02	0.21	962.57	0	00:56	0.21
Fox_Run_PH6-7	STORAGE	1.23	2.09	948.58	0	02:11	2.09
GCMH130	STORAGE	0.25	0.59	980.18	0	03:58	0.59
GCMH4	STORAGE	0.11	0.56	980.76	0	01:30	0.56
Golf_Course1	STORAGE	0.04	0.50	939.53	0	00:00	0.50
Golf_Course2	STORAGE	0.36	0.65	939.33	0	00:50	0.65
Hawk's_Crest	STORAGE	2.65	2.66	947.06	0	02:10	2.66
Hewlett_Park	STORAGE	0.39	0.55	937.85	0	02:21	0.55
Hewlett_Park_Wetland	STORAGE	2.76	3.19	936.69	0	03:46	3.19
Iron_Gate_Pond_1	STORAGE	0.00	0.00	0.00	0	00:00	0.00
Iron_Gate_Pond_2	STORAGE	0.00	0.00	0.00	0	00:00	0.00
Lakeway_Landing_Ph2	STORAGE	2.12	2.95	969.50	0	02:06	2.95
Lakeway_Landing_Phase1	STORAGE	1.36	1.68	963.68	0	00:56	1.68
Norell_Business_Park	STORAGE	0.11	0.12	0.12	0	01:48	0.12
Pier_View	STORAGE	0.17	1.52	957.88	0	01:04	1.52
Prop_POND1	STORAGE	0.02	0.35	960.08	0	00:58	0.35
Prop-Golf_Course_Creek_Pond	STORAGE	3.30	4.00	948.02	0	03:09	4.00
Ryders_Ridge	STORAGE	0.13	0.35	943.35	0	01:41	0.35
SU1	STORAGE	0.38	1.09	940.12	0	00:56	1.09
Tank1-S3435	STORAGE	0.24	0.77	943.12	0	02:01	0.77
Tank2-S3547	STORAGE	0.10	0.18	941.98	0	02:12	0.18
Waterford_Station_Pond1	STORAGE	2.84	3.10	966.70	0	02:29	3.10
Waterford_Station_Pond2	STORAGE	2.28	2.39	960.29	0	02:36	2.39
Waterford_Station_Pond3	STORAGE	3.11	3.25	977.25	0	02:20	3.25

Westwood_Lane	STORAGE	0.37	0.60	948.17	0	00:40	0.60
Willow_Springs	STORAGE	0.27	0.50	937.70	0	00:47	0.50

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Node Inflow Summary
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Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days	hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent
732_ADD	JUNCTION	72.34	72.34	0	00:40	0.0679	0.0679	0.915
734_ADD	JUNCTION	0.00	7.62	0	00:39	0	0.106	0.019
735_ADD	JUNCTION	75.00	246.33	0	00:40	0.0871	0.42	-0.406
736_ADD	JUNCTION	119.90	188.00	0	00:40	0.16	0.228	0.115
737_ADD	JUNCTION	0.00	758.94	0	00:40	0	1.54	0.008
738_ADD	JUNCTION	141.63	1056.53	0	00:41	0.176	2.14	0.026
739_ADD	JUNCTION	0.00	659.01	0	00:42	0	1.34	0.008
740_ADD	JUNCTION	0.00	66.82	0	00:38	0	0.137	-0.089
741_ADD	JUNCTION	107.34	661.16	0	00:42	0.0932	1.41	0.005
743_ADD	JUNCTION	0.00	995.36	0	00:41	0	2.14	0.003
745_ADD	JUNCTION	0.00	975.33	0	00:42	0	2.14	-0.002
746_ADD	JUNCTION	169.26	758.91	0	00:40	0.129	1.54	0.028
748_ADD	JUNCTION	139.04	155.34	0	00:40	0.14	0.154	0.716
749_ADD	JUNCTION	39.89	150.46	0	00:40	0.0334	0.167	0.151
750_ADD	JUNCTION	31.04	142.36	0	00:39	0.0295	0.18	-1.143
751_ADD	JUNCTION	83.11	658.18	0	00:42	0.0685	1.22	-0.039
752_ADD	JUNCTION	653.47	653.47	0	00:40	0.709	0.892	0.034
753_ADD	JUNCTION	16.32	67.39	0	00:41	0.0167	0.0225	-0.035
754_ADD	JUNCTION	76.69	545.59	0	00:41	0.0924	0.981	0.000
755_ADD	JUNCTION	110.61	110.61	0	00:40	0.134	0.134	0.073
A11STM239	JUNCTION	157.24	6557.20	0	00:42	0.148	14.4	0.213
A12STM48	JUNCTION	0.00	997.19	0	00:46	0	2.24	-0.005
A12STM50	JUNCTION	182.32	1064.05	0	00:45	0.18	2.42	0.189
A12STM51	JUNCTION	0.00	1060.41	0	00:45	0	2.41	-0.070
A12STM52	JUNCTION	0.00	1304.06	0	00:43	0	2.87	-0.025
A12STM53	JUNCTION	84.85	325.94	0	00:40	0.076	0.454	0.514
A12STM55	JUNCTION	0.00	1301.77	0	00:47	0	2.87	-0.058
A12STM56	JUNCTION	0.00	1301.80	0	00:47	0	2.87	0.010
A12STM57	JUNCTION	0.00	1307.22	0	00:49	0	3.65	-0.228
A12STM58	JUNCTION	0.00	1300.78	0	00:46	0	2.87	0.299
A13STM2271	JUNCTION	38.05	38.05	0	00:40	0.0371	0.0371	0.007
A13STM2272	JUNCTION	126.24	205.16	0	00:40	0.121	0.211	0.196
A13STM2273	JUNCTION	0.00	199.91	0	00:40	0	0.211	0.149
A13STM2274	JUNCTION	120.81	266.96	0	00:39	0.11	0.32	-0.659
A13STM2275	JUNCTION	55.72	55.72	0	00:40	0.0535	0.0535	0.012
A13STM44	JUNCTION	74.49	74.49	0	00:40	0.0656	0.0655	1.391
A13STM45	JUNCTION	77.68	930.29	0	00:45	0.093	2.08	0.064
A13STM46	JUNCTION	157.57	1024.34	0	00:41	0.157	2.23	0.069
A13STM49	JUNCTION	1.88	1.88	0	00:45	0.00259	0.00259	-2.235
A13STM54	JUNCTION	64.88	252.48	0	00:40	0.0561	0.378	0.217
A14STM25	JUNCTION	34.29	378.43	0	00:58	0.0319	8.59	0.010
A14STM26	JUNCTION	194.22	534.65	0	00:55	0.537	11.8	0.035
A14STM27	JUNCTION	68.27	522.79	0	00:40	0.0724	0.936	-0.198
A14STM31	JUNCTION	32.27	469.49	0	00:40	0.0294	0.865	0.128
A14STM32	JUNCTION	116.31	116.31	0	00:40	0.113	0.113	0.935
A14STM33	JUNCTION	27.73	326.44	0	00:39	0.023	0.726	-0.026
A14STM34	JUNCTION	0.00	10.39	0	00:47	0	0.0369	-0.019
A15STM2	JUNCTION	136.08	136.08	0	00:40	0.123	0.123	0.184
A15STM3	JUNCTION	139.93	264.34	0	00:40	0.141	0.264	-0.958
A15STM4	JUNCTION	89.93	211.70	0	00:40	0.0808	0.347	-0.002
A15STM5	JUNCTION	45.85	235.32	0	02:00	0.0379	7.95	0.029
A15STM6	JUNCTION	0.00	235.22	0	02:00	0	7.94	-0.021
A15STM691	JUNCTION	167.08	167.08	0	00:40	0.193	0.193	-1.044
A15STM7	JUNCTION	0.00	281.10	0	00:41	0	0.227	-0.625
A16STM687	JUNCTION	85.16	85.16	0	00:40	0.101	0.101	-0.037
A16STM688	JUNCTION	181.71	264.78	0	00:40	0.173	0.274	-0.009
A16STM689	JUNCTION	214.18	599.80	0	00:40	0.216	0.684	0.251
A17STM681	JUNCTION	0.00	34.51	0	00:54	0	0.0952	-0.004
A17STM682	JUNCTION	0.00	34.41	0	00:56	0	0.0952	-1.789
A5STM1	JUNCTION	0.00	533.15	0	00:40	0	0.64	-0.182
A5STM158	JUNCTION	142.40	142.40	0	00:40	0.131	0.131	-0.015

A5STM160	JUNCTION	393.18	566.37	0	00:40	0.332	0.508	-0.247
A5STM161	JUNCTION	198.23	198.23	0	00:40	0.175	0.175	-0.842
A6STM159	JUNCTION	0.00	478.87	0	00:41	0	0.641	0.117
A6STM162	JUNCTION	0.00	284.73	0	00:56	0	1.1	0.004
A6STM163	JUNCTION	32.08	225.17	0	00:56	0.0265	0.696	0.060
A7STM165	JUNCTION	213.58	213.58	0	00:40	0.18	0.18	0.469
A7STM166	JUNCTION	73.79	234.48	0	00:38	0.0805	0.259	-1.256
B11STM231	JUNCTION	162.12	6483.59	0	00:40	0.146	13.7	0.058
B11STM232	JUNCTION	322.01	4401.83	0	00:41	0.301	10.6	0.052
B11STM233	JUNCTION	0.00	4181.09	0	00:41	0	10.3	-0.033
B11STM238	JUNCTION	296.26	6446.04	0	00:42	0.291	13.9	-0.002
B12STM220	JUNCTION	46.91	644.88	0	00:39	0.0448	0.918	-0.398
B12STM227	JUNCTION	26.99	1615.73	0	00:40	0.0216	2.61	0.306
B12STM228	JUNCTION	0.00	1615.82	0	00:40	0	2.6	-0.037
B12STM229	JUNCTION	220.96	1784.28	0	00:40	0.22	2.82	0.130
B12STM230	JUNCTION	87.06	1859.78	0	00:40	0.0806	2.9	0.143
B13STM215	JUNCTION	106.88	557.79	0	00:40	0.0847	1.03	0.005
B13STM216	JUNCTION	161.01	702.79	0	00:40	0.122	1.15	-0.002
B13STM224	JUNCTION	69.82	757.97	0	00:40	0.0517	1.2	0.025
B13STM225	JUNCTION	97.82	97.82	0	00:40	0.0766	0.0766	-0.084
B13STM226	JUNCTION	170.15	1006.40	0	00:40	0.128	1.41	0.068
B13STM240	JUNCTION	241.39	436.02	0	00:40	0.237	0.465	0.299
B13STM241	JUNCTION	66.07	211.32	0	00:40	0.0563	0.226	-0.798
B13STM242	JUNCTION	187.74	187.74	0	00:40	0.173	0.173	2.156
B13STM41	JUNCTION	0.00	666.55	0	00:52	0	1.46	-0.093
B13STM42	JUNCTION	0.00	857.25	0	00:48	0	1.92	0.068
B13STM43	JUNCTION	0.00	887.20	0	00:46	0	1.99	0.000
B13STM47	JUNCTION	0.00	998.42	0	00:45	0	2.23	-0.054
B14STM204	JUNCTION	192.56	354.14	0	00:40	0.152	0.332	1.018
B14STM214	JUNCTION	143.20	601.07	0	00:40	0.12	0.939	-0.431
B14STM30	JUNCTION	48.80	541.31	0	00:40	0.0467	0.98	-0.436
B14STM35	JUNCTION	102.76	322.46	0	00:39	0.0925	0.669	0.064
B14STM36	JUNCTION	77.89	320.02	0	00:41	0.0765	0.476	0.173
B14STM37	JUNCTION	157.01	336.55	0	00:40	0.139	0.402	0.428
B14STM38	JUNCTION	257.98	257.98	0	00:40	0.263	0.263	0.113
B14STM39	JUNCTION	0.00	284.87	0	00:39	0	0.476	0.417
B14STM40	JUNCTION	0.00	293.30	0	00:39	0	0.476	-0.112
B15STM10	JUNCTION	0.00	196.91	0	00:40	0	0.176	0.564
B15STM11	JUNCTION	172.50	196.96	0	00:40	0.156	0.176	-0.011
B15STM12	JUNCTION	24.47	24.47	0	00:40	0.0196	0.0196	0.041
B15STM13	JUNCTION	121.29	290.15	0	00:40	0.105	0.29	0.200
B15STM14	JUNCTION	14.98	277.04	0	00:39	0.0136	0.303	-0.250
B15STM15	JUNCTION	7.90	429.73	0	00:42	0.00734	0.678	-0.213
B15STM16	JUNCTION	49.45	240.84	0	00:40	0.0451	0.365	-0.519
B15STM17	JUNCTION	179.55	246.42	0	00:39	0.172	0.321	0.339
B15STM18	JUNCTION	0.00	103.96	0	00:39	0	0.148	-0.153
B15STM19	JUNCTION	0.00	127.37	0	00:39	0	0.148	-0.351
B15STM195	JUNCTION	47.51	546.83	0	00:40	0.0405	0.975	-0.013
B15STM197	JUNCTION	274.66	626.07	0	00:40	0.246	0.935	0.060
B15STM199	JUNCTION	100.16	345.25	0	00:40	0.0827	0.581	-0.386
B15STM20	JUNCTION	52.64	52.64	0	00:40	0.0493	0.0493	1.030
B15STM21	JUNCTION	29.50	116.56	0	00:40	0.0244	0.0994	0.320
B15STM22	JUNCTION	13.23	20.22	0	00:38	0.0101	0.0104	0.094
B15STM24	JUNCTION	20.94	20.94	0	00:40	0.0165	0.0165	-0.025
B15STM692	JUNCTION	0.00	233.09	0	02:06	0	7.83	0.005
B15STM8	JUNCTION	0.00	422.66	0	00:44	0	0.679	0.460
B15STM9	JUNCTION	12.94	12.94	0	00:40	0.00983	0.00983	-0.007
B16STM192	JUNCTION	41.63	2012.40	0	00:42	0.0348	5.89	0.006
B16STM193	JUNCTION	0.00	2836.27	0	00:41	0	6.99	-0.005
B16STM194	JUNCTION	80.88	591.97	0	00:40	0.0837	1.06	-0.012
B16STM23	JUNCTION	56.54	76.78	0	00:40	0.0481	0.0646	-0.025
B16STM671	JUNCTION	86.33	1447.28	0	00:41	0.0881	4.79	-0.056
B16STM672	JUNCTION	139.58	1394.56	0	00:40	0.116	4.57	-0.134
B16STM674	JUNCTION	30.45	831.18	0	00:41	0.0262	1.06	0.003
B16STM675	JUNCTION	47.05	858.71	0	00:41	0.0428	1.1	-0.001
B16STM678	JUNCTION	84.65	812.90	0	00:40	0.0771	1.04	0.251
B16STM690	JUNCTION	0.00	564.08	0	00:41	0	0.683	-0.096
B17STM1071	JUNCTION	28.88	690.41	0	00:40	0.0413	3.57	-0.003
B17STM1072	JUNCTION	41.34	716.15	0	00:39	0.0462	3.53	0.058
B17STM1082	JUNCTION	52.00	246.82	0	00:39	0.0702	0.28	-0.093
B17STM1083	JUNCTION	166.83	205.57	0	00:40	0.174	0.21	-0.011
B17STM673	JUNCTION	122.84	750.80	0	00:40	0.113	3.68	-0.372
B17STM676	JUNCTION	136.31	136.31	0	00:40	0.122	0.122	0.118
B17STM677	JUNCTION	57.64	190.20	0	00:40	0.0499	0.172	-0.145
B17STM679	JUNCTION	58.29	64.58	0	00:40	0.0498	0.0857	0.070

B17STM680	JUNCTION	268.79	329.00	0	00:40	0.28	0.366	0.299
B17STM683	JUNCTION	44.03	366.63	0	00:40	0.0391	0.5	0.131
B17STM684	JUNCTION	140.63	626.71	0	00:40	0.133	0.772	0.175
B17STM685	JUNCTION	158.08	495.54	0	00:40	0.14	0.639	0.067
B17STM686	JUNCTION	13.34	632.39	0	00:40	0.0127	0.783	-0.367
B18STM1084	JUNCTION	39.86	39.86	0	00:40	0.0356	0.0356	0.046
B6STM164	JUNCTION	0.00	284.62	0	00:57	0	1.1	0.039
B6STM173	JUNCTION	0.00	231.41	0	00:40	0	0.962	-0.181
B6STM174	JUNCTION	0.00	200.87	0	01:22	0	0.964	0.021
B7STM167	JUNCTION	183.23	337.61	0	00:40	0.157	0.419	-1.648
B7STM168	JUNCTION	189.85	421.83	0	00:40	0.165	0.591	0.232
B7STM169	JUNCTION	0.00	914.74	0	00:40	0	1.57	-0.062
B7STM170	JUNCTION	0.00	528.65	0	00:43	0	0.981	0.076
B7STM171	JUNCTION	0.00	987.91	0	00:39	0	1.58	-0.168
B7STM172	JUNCTION	0.00	215.76	0	00:41	0	0.102	3.407
B7STM175	JUNCTION	233.26	320.28	0	00:38	0.196	0.453	1.141
B7STM176	JUNCTION	190.01	190.01	0	00:40	0.158	0.158	0.423
B7STM177	JUNCTION	80.81	281.91	0	00:40	0.0644	0.512	-0.075
B7STM184	JUNCTION	161.84	161.84	0	00:40	0.16	0.16	0.112
B8STM190	JUNCTION	241.24	283.96	0	00:40	0.234	0.331	0.438
B8STM191	JUNCTION	106.36	134.70	0	00:40	0.0962	0.103	0.052
C11STM234	JUNCTION	150.00	4164.74	0	00:41	0.134	10.3	0.009
C11STM235	JUNCTION	0.00	4048.85	0	00:43	0	10.2	0.001
C11STM236	JUNCTION	96.03	4047.18	0	00:43	0.0871	10.2	-0.001
C11STM237	JUNCTION	0.00	4115.88	0	00:41	0	10.1	-0.000
C11STM257	JUNCTION	30.32	4082.92	0	00:41	0.173	10.1	-0.004
C11STM258	JUNCTION	143.10	4114.60	0	00:41	0.159	9.93	-0.006
C12STM221	JUNCTION	169.00	169.00	0	00:40	0.171	0.171	1.061
C12STM222	JUNCTION	40.55	170.61	0	00:39	0.0391	0.198	-2.012
C12STM223	JUNCTION	168.70	168.70	0	00:40	0.159	0.159	0.151
C12STM253	JUNCTION	439.04	4011.67	0	00:40	0.405	9.18	-0.144
C12STM254	JUNCTION	0.00	3769.28	0	00:40	0	9.19	-0.035
C12STM256	JUNCTION	146.25	4061.29	0	00:41	0.121	9.77	0.006
C13STM217	JUNCTION	168.26	420.12	0	00:40	0.2	0.56	0.135
C13STM218	JUNCTION	262.07	262.07	0	00:40	0.36	0.36	0.005
C13STM219	JUNCTION	154.09	539.06	0	00:39	0.145	0.704	0.044
C13STM252	JUNCTION	146.61	3827.15	0	00:40	0.132	8.79	0.155
C14STM205	JUNCTION	0.00	44.71	0	00:40	0	0.0362	-1.063
C14STM206	JUNCTION	45.23	45.23	0	00:40	0.0365	0.0365	0.814
C14STM207	JUNCTION	48.25	90.38	0	00:39	0.039	0.0756	1.187
C14STM208	JUNCTION	161.57	213.36	0	00:39	0.138	0.213	-0.492
C14STM209	JUNCTION	0.00	260.03	0	00:38	0	0.374	-1.471
C14STM210	JUNCTION	88.32	255.93	0	00:39	0.0712	0.451	-0.159
C14STM211	JUNCTION	22.38	60.68	0	00:38	0.0174	0.018	-0.159
C14STM212	JUNCTION	172.60	194.97	0	00:40	0.144	0.162	1.002
C14STM213	JUNCTION	42.31	242.96	0	00:40	0.0376	0.49	-0.227
C15STM196	JUNCTION	49.65	121.95	0	00:40	0.0457	0.106	-0.290
C15STM198	JUNCTION	74.10	74.10	0	00:40	0.0606	0.0606	0.987
C15STM200	JUNCTION	156.79	349.27	0	00:40	0.15	0.499	0.178
C15STM201	JUNCTION	93.99	296.95	0	00:40	0.0766	0.349	-0.277
C15STM202	JUNCTION	312.85	312.85	0	00:40	0.275	0.275	1.087
C16STM1085	JUNCTION	294.36	735.52	0	00:40	0.274	0.763	1.026
C16STM1086	JUNCTION	228.15	228.15	0	00:40	0.209	0.209	0.027
C16STM1087	JUNCTION	190.50	216.11	0	00:40	0.185	0.208	-0.037
C16STM1088	JUNCTION	80.56	489.05	0	00:40	0.0728	0.491	0.322
C16STM1089	JUNCTION	28.34	28.34	0	00:40	0.0236	0.0237	0.113
C17STM1073	JUNCTION	20.19	34.91	0	00:40	0.0158	0.0168	1.520
C17STM1074	JUNCTION	177.31	517.78	0	00:39	0.151	3.18	0.023
C17STM1075	JUNCTION	139.41	439.71	0	00:39	0.145	3.02	0.116
C17STM1076	JUNCTION	0.00	150.42	0	01:05	0	0.753	-0.829
C17STM1078	JUNCTION	0.00	63.03	0	03:58	0	1.81	-0.070
C17STM1079	JUNCTION	0.00	70.44	0	00:38	0	1.83	-0.023
C17STM1080	JUNCTION	340.88	340.88	0	00:40	0.306	2.13	0.148
C17STM1081	JUNCTION	0.00	39.46	0	00:39	0	0.00187	-0.198
C17STM1090	JUNCTION	28.01	479.20	0	00:38	0.0232	3.2	0.003
C18STM1077	JUNCTION	29.01	180.02	0	00:41	0.024	0.756	0.368
C6STM180	JUNCTION	188.17	188.17	0	00:40	0.172	0.175	0.213
C6STM181	JUNCTION	0.00	8.20	0	00:40	0	0.00311	0.282
C7STM178	JUNCTION	44.69	278.36	0	00:42	0.0417	0.554	-0.246
C7STM179	JUNCTION	31.79	439.83	0	00:40	0.0288	0.756	-0.586
C7STM182	JUNCTION	72.30	528.99	0	00:41	0.0852	0.876	-1.322
C7STM183	JUNCTION	0.00	529.32	0	00:41	0	0.749	-0.013
C7STM185	JUNCTION	50.91	105.09	0	00:40	0.0447	0.204	0.659
C7STM187	JUNCTION	48.12	144.36	0	00:40	0.0428	0.385	0.243
C8STM188	JUNCTION	88.20	290.56	0	00:40	0.0778	0.765	-0.094

C8STM189	JUNCTION	0.00	139.31	0	00:47	0	0.33	-0.652
CULV5002	JUNCTION	0.00	7474.47	0	00:54	0	20.5	1.756
CULV5004	JUNCTION	0.00	4992.84	0	00:56	0	20.2	-0.010
CULV5158_Inlet	JUNCTION	122.36	3543.47	0	00:54	0.119	42.1	0.145
CULV5159_Outlet	JUNCTION	0.00	4046.55	0	00:56	0	47	-0.007
CULV5170	JUNCTION	883.02	3992.83	0	01:03	1.01	47.9	0.004
CULV5171	JUNCTION	945.47	4127.87	0	01:02	0.906	48.8	0.013
CULV5178	JUNCTION	0.00	102.33	0	00:53	0	0.0568	-0.125
CULV5179	JUNCTION	3.83	28.66	0	00:53	0.00488	0.0109	1.755
CULV5207	JUNCTION	878.44	878.44	0	00:40	0.849	0.849	-3.009
CULV5210	JUNCTION	1711.44	1711.44	0	00:40	2.04	2.04	-2.668
CULV5252	JUNCTION	99.79	1066.77	0	00:46	0.084	2.3	-0.223
CULV5258	JUNCTION	0.00	1036.60	0	00:46	0	2.22	0.077
CULV5259	JUNCTION	69.91	1048.34	0	00:45	0.0842	2.22	0.373
CULV5260	JUNCTION	402.72	402.72	0	00:40	0.347	0.348	3.845
CULV5262	JUNCTION	96.67	946.43	0	00:40	0.084	1.3	4.642
CULV5263	JUNCTION	1343.61	1343.61	0	00:40	1.74	2.98	-0.190
CULV5287	JUNCTION	0.00	11.98	0	00:40	0	0.0044	0.163
CULV5306	JUNCTION	651.52	1905.62	0	00:46	0.587	6.79	-0.271
CULV5307	JUNCTION	538.89	3444.96	0	00:40	0.469	6.3	1.288
CULV5314	JUNCTION	812.26	2230.26	0	00:50	0.693	10.4	-0.167
CULV5315	JUNCTION	790.22	3360.87	0	00:45	0.738	10.5	1.339
CULV5354	JUNCTION	1893.48	1893.48	0	00:40	2.85	2.85	-3.253
CULV5385	JUNCTION	2678.89	2678.89	0	00:40	2.96	2.96	-2.245
CULV5397	JUNCTION	675.65	1183.12	0	00:40	1.13	2.15	0.491
CULV5415	JUNCTION	1002.22	1002.22	0	00:40	1.01	1	-1.091
CULV5440	JUNCTION	449.38	449.38	0	00:40	0.588	0.588	-0.049
CULV5444	JUNCTION	0.00	383.30	0	00:40	0	0.588	0.074
CULV5445	JUNCTION	156.08	447.97	0	00:40	0.139	0.727	0.037
CULV5446	JUNCTION	0.00	1360.63	0	00:40	0	13.9	-0.024
CULV5447	JUNCTION	948.71	957.48	0	00:40	1.24	13.2	0.012
CULV5450	JUNCTION	0.00	81.05	0	00:40	0	0.084	-0.013
CULV5451	JUNCTION	0.00	97.29	0	00:40	0	0.0842	0.137
CULV5452	JUNCTION	0.00	583.83	0	01:09	0	12	0.007
CULV5453	JUNCTION	18.32	932.65	0	00:55	0.0153	11.9	0.140
CULV5454	JUNCTION	99.05	99.05	0	00:40	0.0841	0.0841	-0.071
CULV5466	JUNCTION	254.52	420.65	0	00:40	0.21	0.551	0.749
CULV5467	JUNCTION	457.21	524.73	0	00:40	0.901	1.45	-0.859
CULV5471	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
CULV5472	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
CULV5474_Outlet	JUNCTION	3559.11	13896.89	0	00:40	4.45	55.8	-0.330
CULV5475_Inlet	JUNCTION	21381.69	21381.69	0	00:40	21.7	54.1	-0.252
CULV5479	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
CULV5481	JUNCTION	63.54	63.54	0	00:45	0.126	0.126	0.187
CULV5484	JUNCTION	176.01	251.78	0	00:45	0.428	0.649	0.066
CULV5485	JUNCTION	11.22	231.46	0	00:50	0.0187	0.668	-0.079
CULV5504	JUNCTION	0.00	140.05	0	01:05	0	0.682	-3.600
CULV5505	JUNCTION	0.00	179.27	0	00:53	0	0.691	1.354
CULV5537_ADD	JUNCTION	424.47	424.47	0	00:40	0.597	0.597	-0.298
CULV5538_ADD	JUNCTION	177.89	177.89	0	00:40	0.402	0.402	0.010
D12STM255	JUNCTION	417.58	417.58	0	00:40	0.452	0.452	0.005
D13STM250	JUNCTION	120.69	3621.51	0	00:40	0.113	8.53	0.001
D13STM251	JUNCTION	149.51	3728.48	0	00:40	0.129	8.66	0.002
D14STM243	JUNCTION	632.10	632.10	0	00:40	0.523	0.523	-0.107
D14STM244	JUNCTION	1582.16	3522.57	0	00:40	1.42	8.42	0.004
D14STM245	JUNCTION	424.61	808.48	0	00:40	0.338	5.63	0.001
D14STM246	JUNCTION	0.00	417.37	0	00:56	0	5.29	0.000
D14STM247	JUNCTION	107.37	1360.02	0	00:40	0.0819	6.34	0.003
D14STM248	JUNCTION	550.12	550.12	0	00:40	0.624	0.624	-0.051
D14STM249	JUNCTION	99.29	1439.11	0	00:40	0.133	6.47	-0.000
F14STM271	JUNCTION	208.92	208.92	0	00:40	0.194	0.194	-0.009
F14STM272	JUNCTION	0.00	146.60	0	00:41	0	0.194	0.010
F14STM273	JUNCTION	0.00	146.46	0	00:41	0	0.194	0.003
F14STM59	JUNCTION	91.10	230.93	0	00:40	0.0785	0.272	0.007
F14STM60	JUNCTION	258.54	488.09	0	00:40	0.222	0.494	0.029
F14STM61	JUNCTION	370.36	849.96	0	00:40	0.343	0.837	0.237
F8STM265	JUNCTION	0.00	440.46	0	00:41	0	1.32	-0.598
F8STM266	JUNCTION	0.00	301.06	0	00:42	0	1.31	0.002
F8STM270	JUNCTION	0.00	249.42	0	00:44	0	0.914	-0.139
F9STM259	JUNCTION	415.24	433.24	0	00:40	0.495	0.513	1.335
F9STM264	JUNCTION	0.00	44.12	0	00:40	0	0.0722	0.211
G14STM62	JUNCTION	13.25	851.95	0	00:40	0.0114	0.846	-0.103
G14STM63	JUNCTION	128.61	875.14	0	00:39	0.109	0.957	0.199
G14STM64	JUNCTION	116.25	858.05	0	00:39	0.107	1.06	0.235
G14STM65	JUNCTION	92.35	944.53	0	00:46	0.0854	2.05	-0.071

G14STM66	JUNCTION	24.54	258.79	0	01:03	0.0232	0.925	0.869
G14STM67	JUNCTION	97.28	1254.51	0	00:41	0.0899	2.41	0.632
G14STM68	JUNCTION	0.00	1393.64	0	00:40	0	1.73	3.561
G14STM71	JUNCTION	202.48	1201.64	0	00:40	0.195	2.32	0.293
G14STM72	JUNCTION	47.40	1047.89	0	00:41	0.0404	2.13	0.011
G14STM73	JUNCTION	72.41	72.41	0	00:40	0.0629	0.0629	0.435
G14STM74	JUNCTION	165.97	970.80	0	00:41	0.149	2.02	0.000
G14STM75	JUNCTION	98.34	866.11	0	00:41	0.0842	1.87	0.000
G14STM76	JUNCTION	74.74	813.65	0	00:41	0.0634	1.79	0.010
G14STM76_ADD	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
G7STM261	JUNCTION	677.75	782.40	0	00:40	0.655	1.45	-2.300
G7STM262	JUNCTION	81.53	1575.02	0	00:39	0.0925	8.3	0.061
G8STM260	JUNCTION	0.00	541.06	0	00:40	0	1.55	-0.186
G8STM269	JUNCTION	0.00	342.14	0	00:42	0	1.01	0.074
GCMH1	JUNCTION	309.18	309.18	0	00:40	0.301	0.301	0.072
GCMH10	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH100	JUNCTION	153.01	153.01	0	00:40	0.127	0.127	-0.002
GCMH101	JUNCTION	56.86	881.37	0	00:40	0.0555	1.56	0.549
GCMH102	JUNCTION	226.57	226.57	0	00:40	0.215	0.215	0.072
GCMH107	JUNCTION	137.05	395.57	0	00:40	0.18	0.483	-6.958
GCMH108	JUNCTION	0.00	261.86	0	00:40	0	0.22	-1.059
GCMH109	JUNCTION	68.63	232.27	0	00:40	0.0587	0.441	0.102
GCMH11	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH110	JUNCTION	349.89	349.89	0	00:40	0.458	0.458	-0.004
GCMH111	JUNCTION	0.00	31.41	0	00:40	0	0.0015	-0.621
GCMH114	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH115	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH116	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH117	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH118	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH119	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH12	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH120	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH121	JUNCTION	0.00	37.86	0	02:27	0	2.69	0.103
GCMH122	JUNCTION	0.00	9.83	0	02:25	0	0.709	0.110
GCMH123	JUNCTION	73.20	73.20	0	00:40	0.0961	0.0961	0.064
GCMH124	JUNCTION	0.00	1.04	0	00:35	0	0.000307	0.080
GCMH125	JUNCTION	0.00	71.08	0	00:40	0	0.0961	-0.035
GCMH126	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH127	JUNCTION	0.00	1.17	0	00:37	0	0.000121	0.000
GCMH129	JUNCTION	0.00	40.77	0	00:45	0	0.0953	0.152
GCMH13	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH131	JUNCTION	0.00	288.91	0	00:42	0	0.721	-1.430
GCMH132	JUNCTION	346.57	346.57	0	00:40	0.327	0.327	1.040
GCMH133	JUNCTION	32.11	32.11	0	00:40	0.0361	0.0361	0.133
GCMH134	JUNCTION	71.19	222.55	0	00:40	0.0826	0.209	1.000
GCMH135	JUNCTION	0.00	916.56	0	00:41	0	1.5	-0.247
GCMH136	JUNCTION	144.87	526.23	0	00:40	0.137	0.731	0.546
GCMH137	JUNCTION	105.26	389.23	0	00:40	0.0876	0.593	-0.169
GCMH138	JUNCTION	53.38	264.62	0	00:39	0.0464	0.373	-0.152
GCMH139	JUNCTION	32.09	220.36	0	00:38	0.0269	0.23	0.506
GCMH14	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH140	JUNCTION	5.36	536.31	0	00:57	0.00807	11.8	0.185
GCMH141	JUNCTION	144.58	344.23	0	00:38	0.134	0.363	-0.244
GCMH142	JUNCTION	400.82	921.31	0	00:40	0.468	1.3	0.551
GCMH143	JUNCTION	670.12	674.87	0	00:40	0.749	0.841	0.417
GCMH144	JUNCTION	78.55	78.55	0	00:40	0.0915	0.0987	0.049
GCMH145	JUNCTION	0.00	272.37	0	00:40	0	0.304	0.037
GCMH146	JUNCTION	293.11	293.11	0	00:40	0.295	0.305	-0.046
GCMH147	JUNCTION	0.00	9.41	0	00:37	0	0.00154	0.373
GCMH148	JUNCTION	190.16	618.60	0	00:58	0.391	12.2	0.196
GCMH149	JUNCTION	65.47	213.21	0	00:40	0.0539	0.393	-0.480
GCMH15	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH150	JUNCTION	34.22	180.37	0	00:40	0.0289	0.338	-0.322
GCMH151	JUNCTION	125.36	217.79	0	00:39	0.109	0.204	0.668
GCMH152	JUNCTION	0.00	86.64	0	00:40	0	0.0731	0.634
GCMH153	JUNCTION	152.11	241.62	0	00:41	0.279	1.78	-0.192
GCMH154	JUNCTION	35.79	92.74	0	00:40	0.0355	0.0729	-0.303
GCMH155	JUNCTION	58.17	726.17	0	00:39	0.0514	1.17	0.160
GCMH156	JUNCTION	120.61	235.87	0	00:40	0.104	0.306	-0.937
GCMH157	JUNCTION	36.84	2083.85	0	00:44	0.0315	4.27	-0.185
GCMH158	JUNCTION	0.00	670.62	0	00:39	0	1.17	-0.147
GCMH159	JUNCTION	60.10	305.48	0	00:40	0.0503	0.505	-0.010
GCMH16	JUNCTION	0.00	9.83	0	02:22	0	0.71	0.274
GCMH160	JUNCTION	0.00	238.40	0	00:42	0	0.419	0.000

GCMH17	JUNCTION	0.00	2.58	0	00:55	0	0.00106	-1.504
GCMH18	JUNCTION	0.00	5.06	0	00:47	0	0.00386	-0.400
GCMH19	JUNCTION	0.00	8.85	0	00:44	0	0.00993	2.158
GCMH2	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH20	JUNCTION	0.00	475.46	0	00:00	0	0.0803	13.277
GCMH21	JUNCTION	0.00	28.03	0	02:29	0	1.99	0.137
GCMH22	JUNCTION	0.00	735.78	0	00:00	0	0.16	12.651
GCMH23	JUNCTION	0.00	215.71	0	00:01	0	0.0454	30.263
GCMH24	JUNCTION	0.00	56.18	0	00:01	0	0.0201	21.519
GCMH25	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH26	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH27	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH28	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH29	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH3	JUNCTION	117.47	122.49	0	00:40	0.101	0.108	1.436
GCMH30	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH31	JUNCTION	0.00	1.40	0	01:58	0	0.000984	0.061
GCMH32	JUNCTION	172.41	588.18	0	00:37	0.149	0.973	-0.867
GCMH33	JUNCTION	9.60	9.60	0	00:50	0.0356	0.0356	-0.715
GCMH34	JUNCTION	57.82	57.82	0	00:40	0.0476	0.0476	-0.005
GCMH35	JUNCTION	47.54	814.76	0	00:40	0.0432	1.6	-0.686
GCMH36	JUNCTION	724.93	1405.90	0	00:40	1.16	2.77	0.533
GCMH37	JUNCTION	250.03	1484.69	0	00:43	0.287	3.05	-0.457
GCMH38	JUNCTION	0.00	1478.49	0	00:44	0	3.06	-0.043
GCMH39	JUNCTION	20.78	75.49	0	00:40	0.0177	0.0653	0.087
GCMH40	JUNCTION	90.91	494.58	0	00:40	0.101	0.707	0.224
GCMH41	JUNCTION	70.66	481.16	0	00:41	0.0618	0.767	0.182
GCMH42	JUNCTION	0.00	481.63	0	00:41	0	0.766	0.049
GCMH43	JUNCTION	46.58	87.58	0	00:40	0.0478	0.147	-1.546
GCMH44	JUNCTION	16.54	90.72	0	00:40	0.0129	0.0781	0.348
GCMH46	JUNCTION	0.00	145.00	0	01:58	0	3.69	0.019
GCMH47	JUNCTION	15.46	130.49	0	00:40	0.0116	0.113	-0.059
GCMH48	JUNCTION	123.03	123.03	0	00:40	0.102	0.102	-0.000
GCMH49	JUNCTION	0.00	118.09	0	00:40	0	0.102	0.087
GCMH5	JUNCTION	264.50	264.50	0	00:40	0.22	0.219	-0.003
GCMH50	JUNCTION	94.91	2097.16	0	00:45	0.0921	4.32	0.015
GCMH51	JUNCTION	26.89	58.53	0	00:39	0.0216	0.0225	-0.125
GCMH52	JUNCTION	52.18	288.07	0	00:40	0.0458	0.419	0.010
GCMH54	JUNCTION	0.00	21.17	0	00:40	0	0.00722	-0.010
GCMH55	JUNCTION	55.94	270.41	0	00:40	0.0483	0.372	-2.524
GCMH56	JUNCTION	979.03	1341.28	0	00:40	2.07	4.94	0.019
GCMH57	JUNCTION	0.00	1210.45	0	00:48	0	4.94	-0.643
GCMH58	JUNCTION	0.00	279.12	0	00:49	0	0.522	0.012
GCMH6	JUNCTION	98.00	346.32	0	00:37	0.0912	0.575	-0.247
GCMH60	JUNCTION	25.76	371.74	0	00:58	0.0209	8.56	0.021
GCMH61	JUNCTION	64.40	275.74	0	00:39	0.0541	0.522	-0.150
GCMH62	JUNCTION	0.00	562.57	0	00:40	0	0.683	-0.001
GCMH63	JUNCTION	0.00	200.88	0	01:22	0	0.967	0.002
GCMH64	JUNCTION	0.00	73.19	0	00:40	0	0.0963	-0.113
GCMH65	JUNCTION	0.00	770.59	0	01:18	0	17.2	0.077
GCMH66	JUNCTION	0.00	7774.73	0	00:42	0	26.7	-0.038
GCMH67	JUNCTION	28.67	624.12	0	00:40	0.0237	0.945	0.123
GCMH68	JUNCTION	11.79	641.57	0	00:42	0.0195	1.18	-0.548
GCMH7	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH70	JUNCTION	0.00	73.58	0	00:48	0	0.21	-0.740
GCMH71	JUNCTION	8.21	128.24	0	00:44	0.00815	0.21	0.058
GCMH72	JUNCTION	0.00	124.16	0	00:45	0	0.21	-0.143
GCMH73	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH74	JUNCTION	0.00	43.28	0	00:39	0	0.00123	-2.469
GCMH75	JUNCTION	33.98	33.98	0	00:40	0.0283	0.0283	0.078
GCMH76	JUNCTION	0.00	521.99	0	00:40	0	0.938	0.568
GCMH77	JUNCTION	39.58	504.87	0	00:42	0.0396	0.68	1.592
GCMH78	JUNCTION	0.00	1170.17	0	00:41	0	1.48	-0.307
GCMH79	JUNCTION	0.00	484.02	0	00:56	0	1.44	0.004
GCMH8	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH80	JUNCTION	165.94	10242.20	0	00:51	0.149	56.7	0.822
GCMH81	JUNCTION	0.00	7771.94	0	00:42	0	27.4	-0.327
GCMH82	JUNCTION	0.00	771.05	0	01:18	0	17.2	-0.025
GCMH83	JUNCTION	90.92	234.48	0	01:59	0.0753	7.91	0.003
GCMH84	JUNCTION	0.00	565.30	0	00:41	0	0.845	-0.907
GCMH85	JUNCTION	40.65	2860.51	0	00:41	0.0349	7.02	1.109
GCMH86	JUNCTION	0.00	513.12	0	00:41	0	0.767	-1.134
GCMH87	JUNCTION	0.00	961.44	0	00:45	0	2.35	-0.590
GCMH88	JUNCTION	108.00	5682.94	0	00:42	0.19	32.7	1.258
GCMH9	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr

GCMH91	JUNCTION	952.94	997.23	0	00:40	0.805	1.9	-0.258
GCMH92	JUNCTION	3.39	1059.89	0	00:40	0.00432	2.88	0.214
GCMH93	JUNCTION	0.00	529.56	0	00:41	0	0.749	-0.169
GCMH94	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
GCMH95	JUNCTION	226.65	226.65	0	00:40	0.18	0.18	0.167
GCMH96	JUNCTION	61.93	145.28	0	00:40	0.0549	0.133	2.033
GCMH97	JUNCTION	33.10	41.46	0	00:40	0.0273	0.0275	-0.064
GCMH98	JUNCTION	2.24	222.45	0	00:54	0.00255	0.671	0.138
GCMH99	JUNCTION	57.60	65.03	0	00:42	0.0562	0.1	0.089
H11STM1499	JUNCTION	238.83	299.89	0	00:40	0.207	0.366	0.899
H11STM1500	JUNCTION	75.57	266.40	0	00:40	0.0635	0.426	-0.915
H12STM1492	JUNCTION	119.90	154.09	0	00:39	0.142	0.217	2.491
H12STM1493	JUNCTION	33.53	76.98	0	00:39	0.03	0.0745	0.118
H12STM1495	JUNCTION	18.77	47.20	0	00:40	0.0166	0.0446	0.138
H12STM1498	JUNCTION	88.74	119.77	0	00:40	0.0895	0.159	0.482
H12STM1505	JUNCTION	33.84	33.84	0	00:40	0.0298	0.0298	1.296
H12STM1506	JUNCTION	65.41	82.47	0	00:40	0.0578	0.0872	1.622
H12STM1537	JUNCTION	31.81	31.81	0	00:40	0.0285	0.0285	0.235
H13STM1494	JUNCTION	31.96	31.96	0	00:40	0.0282	0.0282	0.679
H13STM1519	JUNCTION	146.83	146.83	0	00:40	0.138	0.138	-2.043
H13STM1531	JUNCTION	60.68	60.68	0	00:40	0.0572	0.0572	1.822
H13STM1532	JUNCTION	106.25	437.77	0	00:40	0.0992	0.804	0.711
H13STM1533	JUNCTION	57.17	426.42	0	00:40	0.0554	0.854	-0.375
H13STM2276	JUNCTION	68.55	348.46	0	00:40	0.0577	0.651	0.348
H14STM1518	JUNCTION	183.25	273.57	0	00:40	0.176	0.336	-0.206
H14STM69	JUNCTION	110.39	200.78	0	00:40	0.0965	0.179	-0.183
H14STM70	JUNCTION	93.67	93.67	0	00:40	0.083	0.083	-0.006
H7STM133	JUNCTION	26.10	568.88	0	00:42	0.0243	0.947	-0.147
H8STM134	JUNCTION	64.20	346.19	0	00:40	0.058	0.615	-0.343
H8STM135	JUNCTION	151.93	313.09	0	00:40	0.15	0.558	0.119
H8STM136	JUNCTION	52.93	230.74	0	00:43	0.0479	0.407	-0.234
H8STM137	JUNCTION	46.31	232.44	0	00:40	0.0411	0.359	0.146
H9STM138	JUNCTION	305.25	305.25	0	00:40	0.318	0.318	-0.191
HPMH10	JUNCTION	59.52	59.52	0	00:40	0.0542	0.0542	-0.030
HPMH11	JUNCTION	0.00	83.26	0	00:41	0	0.0103	249.173
HPMH12	JUNCTION	104.45	108.86	0	00:39	0.345	0.346	1.971
HPMH13	JUNCTION	139.60	139.60	0	00:40	0.145	0.217	1.253
HPMH14	JUNCTION	0.00	108.50	0	00:39	0	0.211	-0.014
HPMH15	JUNCTION	100.86	388.48	0	00:40	0.11	0.58	-0.001
HPMH16	JUNCTION	213.40	7782.03	0	00:46	0.71	20.2	-1.446
HPMH17	JUNCTION	159.37	215.75	0	00:40	0.2	0.259	0.074
HPMH18	JUNCTION	44.52	121.82	0	00:40	0.0412	0.0708	-3.000
HPMH19	JUNCTION	67.38	101.18	0	00:40	0.0974	0.101	0.007
HPMH2	JUNCTION	28.00	2213.63	0	00:51	0.0247	8.16	0.065
HPMH20	JUNCTION	0.00	105.42	0	00:42	0	0.33	1.930
HPMH21	JUNCTION	0.00	25.90	0	00:42	0	0.00144	59.508
HPMH22	JUNCTION	0.00	567.52	0	00:42	0	0.949	-0.255
HPMH23	JUNCTION	105.07	108.86	0	00:42	0.134	0.147	-0.040
HPMH25	JUNCTION	0.00	106.51	0	00:42	0	0.323	2.042
HPMH26	JUNCTION	15.97	540.76	0	00:43	0.0124	0.964	0.215
HPMH28	JUNCTION	0.00	541.86	0	00:40	0	0.917	0.000
HPMH28_ADD	JUNCTION	0.00	2239.51	0	00:46	0	11.2	-0.062
HPMH29	JUNCTION	0.00	2218.47	0	00:50	0	8.22	0.012
HPMH3	JUNCTION	0.00	646.06	0	00:41	0	1.08	0.323
HPMH33	JUNCTION	100.49	100.49	0	00:40	0.0848	0.0848	0.001
HPMH34	JUNCTION	341.39	441.86	0	00:40	0.357	0.442	-0.591
HPMH36	JUNCTION	199.92	2458.46	0	00:53	0.194	9.18	0.378
HPMH37	JUNCTION	0.00	1125.85	0	00:43	0	3.91	-0.015
HPMH38	JUNCTION	0.00	65.17	0	00:41	0	2.79	0.074
HPMH39	JUNCTION	0.00	2320.05	0	00:51	0	8.6	0.070
HPMH4	JUNCTION	8.24	530.66	0	00:46	0.0128	0.974	-0.138
HPMH40	JUNCTION	0.00	62.95	0	00:41	0	0.0142	0.410
HPMH41	JUNCTION	0.00	372.08	0	00:40	0	0.602	3.456
HPMH42	JUNCTION	109.81	209.95	0	00:42	0.25	0.397	-1.044
HPMH43	JUNCTION	79.47	2746.40	0	00:52	0.0941	14.4	-0.002
HPMH44_ADD	JUNCTION	65.70	2386.79	0	00:54	0.0717	12.1	0.011
HPMH45	JUNCTION	1205.31	2265.74	0	00:42	2.05	17.7	0.214
HPMH46	JUNCTION	491.50	1994.27	0	01:04	0.424	27.1	0.599
HPMH47	JUNCTION	46.70	2711.36	0	01:07	0.0711	19.4	0.125
HPMH48	JUNCTION	197.41	1319.62	0	00:49	0.2	3.29	0.189
HPMH49	JUNCTION	0.00	2313.63	0	00:53	0	8.59	0.050
HPMH5	JUNCTION	0.00	2206.80	0	00:51	0	8.14	0.003
HPMH51	JUNCTION	292.27	2491.95	0	00:54	0.267	9.42	1.865
HPMH6	JUNCTION	21.19	2208.23	0	00:50	0.0161	8.14	0.038
HPMH7	JUNCTION	22.94	71.56	0	00:40	0.0182	0.0199	2.843

HPMH8	JUNCTION	21.59	79.16	0	00:40	0.0172	0.0191	2.735
HPMH9	JUNCTION	279.07	279.07	0	00:40	0.245	0.245	3.123
I10STM144	JUNCTION	62.12	85.55	0	00:38	0.0528	0.0535	-0.068
I10STM145	JUNCTION	18.87	120.50	0	00:38	0.0179	0.0752	0.287
I10STM146	JUNCTION	46.21	125.60	0	00:37	0.0393	0.137	0.387
I10STM147	JUNCTION	69.69	127.06	0	00:40	0.0651	0.201	0.007
I10STM93	JUNCTION	71.48	532.90	0	00:40	0.0612	0.539	-0.852
I10STM94	JUNCTION	18.58	1181.78	0	00:43	0.0169	0.614	0.437
I10STM95	JUNCTION	119.24	1001.54	0	00:43	0.114	0.731	-0.740
I11STM1501	JUNCTION	15.37	227.17	0	00:38	0.0129	0.443	0.227
I11STM153	JUNCTION	190.56	5825.80	0	00:44	0.23	12.4	-0.023
I11STM154	JUNCTION	175.96	5858.36	0	00:48	0.173	12.6	0.001
I11STM92	JUNCTION	527.41	527.41	0	00:40	0.484	0.484	1.198
I12STM1471	JUNCTION	0.00	494.25	0	00:39	0	1.19	0.753
I12STM1472	JUNCTION	0.00	27.15	0	00:42	0	0.00202	-1.960
I12STM1473	JUNCTION	6.62	518.60	0	00:39	0.00608	1.19	-0.139
I12STM1481	JUNCTION	0.00	782.32	0	00:39	0	1.29	-0.869
I12STM1483	JUNCTION	94.77	137.87	0	00:40	0.0898	0.182	1.608
I12STM1484	JUNCTION	7.94	1034.33	0	00:50	0.00764	3.58	0.008
I12STM1485	JUNCTION	105.49	1136.59	0	00:51	0.0857	3.97	-0.205
I12STM1486	JUNCTION	111.74	126.75	0	00:40	0.114	0.145	3.706
I12STM1487	JUNCTION	33.38	33.38	0	00:40	0.0313	0.0313	1.412
I12STM1488	JUNCTION	4.04	579.17	0	00:50	0.00663	1.42	-0.186
I12STM1489	JUNCTION	0.00	479.31	0	00:51	0	1.2	-0.573
I12STM1502	JUNCTION	58.47	242.12	0	00:38	0.0586	0.501	-0.274
I12STM1503	JUNCTION	16.29	283.83	0	00:43	0.0145	0.604	0.018
I12STM1504	JUNCTION	0.00	67.23	0	00:38	0	0.0859	-1.724
I12STM1507	JUNCTION	99.59	615.51	0	00:49	0.0866	1.5	-0.322
I12STM1508	JUNCTION	0.00	1422.59	0	00:51	0	6.12	0.064
I12STM1511	JUNCTION	0.00	114.17	0	00:39	0	0.731	0.024
I12STM1513	JUNCTION	0.00	571.42	0	00:54	0	4.42	-0.081
I12STM1514	JUNCTION	0.00	659.27	0	00:55	0	5.15	-0.027
I12STM1515	JUNCTION	0.00	655.26	0	00:55	0	5.15	0.080
I13STM1474	JUNCTION	101.17	561.44	0	00:39	0.0937	1.19	0.058
I13STM1475	JUNCTION	41.25	473.44	0	00:39	0.0354	1.04	-0.293
I13STM1476	JUNCTION	143.07	143.07	0	00:40	0.12	0.12	5.566
I13STM1477	JUNCTION	19.49	23.70	0	00:39	0.0157	0.0159	-0.077
I13STM1478	JUNCTION	126.59	564.93	0	00:40	0.213	0.842	0.234
I13STM1479	JUNCTION	106.80	603.31	0	00:41	0.0999	0.94	-0.014
I13STM1480	JUNCTION	24.58	612.81	0	00:40	0.0216	0.962	0.377
I13STM1482	JUNCTION	32.36	76.86	0	00:40	0.0304	0.0927	0.798
I13STM1496	JUNCTION	88.51	166.62	0	00:40	0.0756	0.171	0.501
I13STM1497	JUNCTION	61.33	61.33	0	00:40	0.0626	0.0626	0.345
I13STM1525	JUNCTION	95.86	352.00	0	00:40	0.0801	0.608	-0.188
I13STM1526	JUNCTION	155.85	155.85	0	00:40	0.143	0.158	0.519
I13STM1527	JUNCTION	8.56	169.57	0	00:40	0.0072	0.203	-0.095
I13STM1534	JUNCTION	110.91	485.81	0	00:39	0.121	0.978	0.027
I13STM1536	JUNCTION	28.68	473.87	0	00:39	0.0257	1	0.405
I14STM1517	JUNCTION	94.97	94.97	0	00:40	0.0815	0.0815	-0.489
I14STM1520	JUNCTION	63.31	272.12	0	00:42	0.0556	0.536	0.287
I14STM1521	JUNCTION	128.90	128.90	0	00:40	0.117	0.123	1.352
I14STM1522	JUNCTION	0.00	84.65	0	00:40	0	0.136	-0.070
I14STM1524	JUNCTION	19.08	19.08	0	00:40	0.0171	0.0171	0.312
I14STM1528	JUNCTION	43.43	43.43	0	00:40	0.0379	0.0379	0.268
I14STM1529	JUNCTION	0.00	84.53	0	00:41	0	0.136	-0.221
I14STM1530	JUNCTION	130.22	360.89	0	00:40	0.125	0.464	1.096
I7STM125	JUNCTION	205.49	320.97	0	00:39	0.188	0.435	-0.035
I7STM128	JUNCTION	118.68	209.91	0	00:39	0.115	0.25	0.174
I7STM129	JUNCTION	36.14	95.57	0	00:40	0.0308	0.0948	-0.436
I8STM100	JUNCTION	84.45	1030.34	0	00:40	0.0745	2.88	0.033
I8STM101	JUNCTION	0.00	57.71	0	00:40	0	0.0537	0.016
I8STM102	JUNCTION	99.67	157.40	0	00:40	0.0862	0.14	0.032
I8STM103	JUNCTION	57.74	57.74	0	00:40	0.0536	0.0536	-0.144
I8STM104	JUNCTION	31.78	1127.00	0	00:40	0.0291	3.38	0.159
I8STM106	JUNCTION	30.18	1127.30	0	00:43	0.025	3.58	0.048
I8STM111	JUNCTION	159.79	159.79	0	00:40	0.156	0.156	0.131
I8STM128	JUNCTION	50.19	50.19	0	00:40	0.0425	0.0428	-0.200
I8STM130	JUNCTION	131.17	256.35	0	00:40	0.128	0.306	0.220
I8STM131	JUNCTION	20.37	48.32	0	00:41	0.0161	0.0181	-0.432
I8STM132	JUNCTION	47.48	114.85	0	00:41	0.0427	0.0634	0.048
I8STM140	JUNCTION	124.63	951.43	0	00:43	0.111	0.41	0.392
I8STM141	JUNCTION	68.71	588.44	0	00:43	0.0583	0.477	-0.178
I8STM142	JUNCTION	74.34	216.62	0	00:39	0.0684	0.508	-0.068
I8STM151	JUNCTION	54.18	54.18	0	00:40	0.0464	0.0464	-0.100
I8STM152	JUNCTION	136.50	173.04	0	00:40	0.132	0.178	0.156

I8STM99	JUNCTION	111.65	887.82	0	00:44	0.0988	2.52	-0.007
I9STM139	JUNCTION	265.64	265.64	0	00:40	0.253	0.253	-0.938
I9STM143	JUNCTION	774.16	774.16	0	00:40	0.96	0.96	0.092
I9STM148	JUNCTION	152.19	245.20	0	00:42	0.148	0.38	0.067
I9STM149	JUNCTION	29.04	87.57	0	00:40	0.0238	0.0359	-2.058
I9STM150	JUNCTION	71.12	113.07	0	00:52	0.0764	0.441	-0.021
I9STM96	JUNCTION	97.96	717.62	0	00:38	0.0838	1.73	0.044
I9STM97	JUNCTION	101.45	653.51	0	00:39	0.0906	1.81	-0.193
I9STM98	JUNCTION	114.60	666.08	0	00:38	0.105	1.92	-0.035
J1	JUNCTION	0.00	8242.97	0	01:39	0	66.4	0.356
J10	JUNCTION	0.00	863.60	0	00:55	0	6.81	0.053
J100	JUNCTION	303.12	1387.12	0	00:46	0.296	4.36	-0.306
J101	JUNCTION	273.39	2606.72	0	00:41	0.224	5.81	-0.036
J102	JUNCTION	50.63	2410.93	0	00:40	0.0481	5.57	-0.389
J103	JUNCTION	0.00	5939.33	0	00:43	0	11.9	-0.199
J104	JUNCTION	203.36	1220.58	0	00:46	0.232	3.96	-0.006
J105	JUNCTION	0.00	1135.27	0	00:45	0	3.73	-0.018
J106	JUNCTION	113.61	5879.53	0	00:43	0.205	12.2	0.024
J107	JUNCTION	0.00	329.22	0	00:40	0	0.329	-0.002
J108	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J109	JUNCTION	584.43	906.95	0	00:40	0.628	0.956	0.018
J10-Stan	JUNCTION	37.12	2777.20	0	00:56	0.0365	14.1	0.002
J10STM1873	JUNCTION	39.03	841.52	0	00:42	0.0336	1.7	-0.193
J10STM1874	JUNCTION	50.72	234.95	0	00:42	0.0456	0.239	1.097
J10STM1875	JUNCTION	122.74	182.26	0	00:40	0.126	0.18	-1.003
J10STM1876	JUNCTION	977.10	977.10	0	00:40	1.43	1.45	0.015
J10STM1877	JUNCTION	0.00	148.38	0	00:39	0	0.0236	-0.025
J11	JUNCTION	529.30	845.97	0	00:43	0.875	6.84	0.422
J110	JUNCTION	310.06	1188.17	0	00:40	0.284	1.24	-0.066
J111	JUNCTION	135.20	135.20	0	00:40	0.124	0.124	-0.016
J112	JUNCTION	0.00	133.86	0	00:40	0	0.124	-0.020
J113	JUNCTION	0.00	128.67	0	00:40	0	0.124	0.038
J114	JUNCTION	224.30	1404.11	0	00:39	0.195	1.56	0.001
J115	JUNCTION	174.20	1555.60	0	00:39	0.139	1.7	0.134
J116	JUNCTION	753.21	2163.91	0	00:39	0.993	2.69	0.018
J119	JUNCTION	668.52	3367.01	0	00:40	0.59	4.38	0.012
J11-Stan	JUNCTION	0.00	2777.12	0	00:56	0	14.1	0.001
J11STM155	JUNCTION	100.45	5913.43	0	00:48	0.153	12.7	-0.003
J11STM156	JUNCTION	0.00	5929.21	0	00:48	0	12.7	-0.004
J11STM157	JUNCTION	0.00	6914.80	0	00:50	0	19.5	0.015
J12	JUNCTION	0.00	533.45	0	00:57	0	5.97	0.058
J120	JUNCTION	370.09	3598.04	0	00:40	0.337	4.72	-0.018
J121	JUNCTION	192.13	3770.94	0	00:42	0.157	6.15	0.607
J122	JUNCTION	57.02	57.02	0	00:40	0.0557	0.0557	0.030
J123	JUNCTION	327.76	355.39	0	00:40	0.265	0.32	-0.984
J125	JUNCTION	370.35	370.35	0	00:40	0.394	0.402	1.068
J126	JUNCTION	0.00	233.88	0	00:40	0	0.39	0.140
J127	JUNCTION	63.10	516.15	0	00:40	0.0637	1.12	-0.309
J128	JUNCTION	53.97	275.31	0	00:40	0.0509	0.52	-0.120
J129	JUNCTION	84.01	126.39	0	00:40	0.0759	0.148	-0.706
J12-Stan	JUNCTION	0.00	2777.06	0	00:56	0	14.1	-0.012
J13	JUNCTION	0.00	501.63	0	00:57	0	5.99	0.296
J130	JUNCTION	95.46	95.46	0	00:40	0.087	0.087	20.407
J131	JUNCTION	45.76	45.76	0	00:40	0.0411	0.0411	0.414
J132	JUNCTION	49.13	94.03	0	00:40	0.0449	0.0858	-0.369
J133	JUNCTION	186.42	242.97	0	00:39	0.175	0.261	0.095
J134	JUNCTION	0.00	187.87	0	00:39	0	0.26	0.728
J135	JUNCTION	0.00	18.75	0	00:43	0	0.00236	0.080
J136	JUNCTION	0.00	146.49	0	00:40	0	0.26	-0.374
J137	JUNCTION	0.00	146.49	0	00:40	0	0.258	0.290
J138	JUNCTION	218.90	300.15	0	00:38	0.214	0.472	0.822
J139	JUNCTION	0.00	19.79	0	00:44	0	0.00668	0.250
J13-Stan	JUNCTION	0.00	2776.44	0	00:57	0	14.1	0.454
J14_ADD	JUNCTION	0.00	2367.88	0	00:54	0	12.1	0.010
J140	JUNCTION	15.75	78.47	0	00:03	0.0098	0.0114	-4.739
J141	JUNCTION	45.03	1021.19	0	00:40	0.0374	3.15	-0.272
J142	JUNCTION	0.00	2857.11	0	00:02	0	3.35	-0.202
J143	JUNCTION	90.03	533.18	0	00:39	0.0823	2.42	0.008
J144	JUNCTION	180.02	547.00	0	00:40	0.167	2.34	0.007
J145	JUNCTION	271.20	372.13	0	00:40	0.266	2.17	0.050
J146	JUNCTION	0.00	103.75	0	00:40	0	1.9	-0.018
J147	JUNCTION	107.27	107.28	0	00:40	0.0914	1.9	0.024
J148	JUNCTION	28.96	28.96	0	00:40	0.024	0.024	-0.004
J149	JUNCTION	72.37	160.03	0	00:40	0.0673	0.146	0.324
J15_ADD	JUNCTION	0.00	439.38	0	00:47	0	0.793	1.128

J150	JUNCTION	64.78	64.78	0	00:40	0.055	0.055	-0.003
J151	JUNCTION	351.56	509.86	0	00:40	0.412	0.558	0.138
J152	JUNCTION	116.28	555.89	0	00:39	0.0953	0.652	-0.414
J153	JUNCTION	104.20	104.20	0	00:40	0.0928	0.0928	-0.000
J154	JUNCTION	151.97	505.31	0	00:40	0.187	0.567	0.018
J155	JUNCTION	0.00	86.15	0	00:41	0	0.0872	-0.086
J156	JUNCTION	0.00	518.86	0	02:27	0	0.682	-0.871
J157	JUNCTION	19.68	910.17	0	00:41	0.0155	1.54	-0.111
J16_ADD	JUNCTION	572.62	572.62	0	00:40	0.744	0.744	-0.002
J17	JUNCTION	182.42	182.42	0	00:45	0.684	0.684	-1.015
J17-Stan	JUNCTION	0.00	2746.09	0	00:52	0	14.4	-0.016
J183	JUNCTION	0.00	484.84	0	00:38	0	1.57	-0.033
J184	JUNCTION	0.00	156.85	0	00:40	0	0.209	-0.018
J185	JUNCTION	98.96	529.65	0	00:38	0.0807	1.57	0.113
J186	JUNCTION	48.50	558.89	0	00:38	0.0443	1.83	-0.043
J188	JUNCTION	11.62	455.27	0	00:39	0.00925	1.43	-0.014
J189	JUNCTION	39.00	398.12	0	00:39	0.0324	1.3	-0.002
J18-Stan	JUNCTION	0.00	2708.52	0	01:06	0	14.5	0.110
J19	JUNCTION	35.68	35.68	0	00:50	0.0952	0.0952	-0.099
J190	JUNCTION	99.16	454.20	0	00:39	0.0808	1.27	-0.164
J19-Stan	JUNCTION	0.00	2729.61	0	00:54	0	14.4	0.007
J1-Stan	JUNCTION	0.00	2397.05	0	00:55	0	12.2	0.007
J2	JUNCTION	0.00	4832.24	0	00:56	0	20.2	0.034
J20	JUNCTION	0.00	233.09	0	02:06	0	7.83	-0.000
J206	JUNCTION	16.84	489.10	0	00:48	0.0148	0.365	-0.594
J207	JUNCTION	38.41	381.47	0	00:50	0.0329	0.403	-1.712
J208	JUNCTION	69.05	157.04	0	00:55	0.0687	0.48	0.917
J209	JUNCTION	35.94	145.67	0	01:44	0.0305	0.501	-0.049
J20-Stan	JUNCTION	0.00	2712.23	0	01:00	0	14.4	0.001
J21	JUNCTION	0.00	69.72	0	02:02	0	1.81	0.028
J210	JUNCTION	134.11	229.48	0	00:38	0.115	0.669	-0.112
J211	JUNCTION	84.69	200.32	0	00:39	0.0795	0.678	-0.011
J212	JUNCTION	175.31	291.53	0	00:39	0.147	0.79	0.030
J213	JUNCTION	83.33	300.83	0	00:40	0.0789	0.857	-0.039
J214	JUNCTION	171.45	386.70	0	00:40	0.143	1	0.053
J215	JUNCTION	84.73	376.30	0	00:40	0.0791	1.08	-0.025
J21-Stan	JUNCTION	46.05	2713.53	0	01:03	0.0672	14.5	-0.017
J22	JUNCTION	0.00	3.55	0	00:40	0	0.000129	129.368 ltr
J224	JUNCTION	206.18	206.18	0	00:40	0.205	0.205	-0.001
J225	JUNCTION	111.61	353.20	0	00:40	0.101	0.346	-0.001
J226	JUNCTION	304.75	650.86	0	00:40	0.282	0.628	-0.001
J227	JUNCTION	0.00	645.68	0	00:40	0	0.628	-0.005
J228	JUNCTION	89.70	1396.09	0	00:40	0.0957	1.56	0.001
J229	JUNCTION	273.08	732.42	0	00:40	0.267	0.834	0.003
J22-Stan	JUNCTION	84.13	2718.37	0	01:05	0.0933	14.6	0.039
J23	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J230	JUNCTION	0.00	494.29	0	00:40	0	0.567	0.001
J231	JUNCTION	0.00	494.79	0	00:40	0	0.567	0.003
J232	JUNCTION	168.53	305.15	0	00:40	0.161	0.288	0.173
J233	JUNCTION	137.30	137.30	0	00:40	0.127	0.127	0.020
J234	JUNCTION	0.00	1398.75	0	00:40	0	1.56	0.011
J235	JUNCTION	57.67	57.67	0	00:40	0.0452	0.0452	-0.004
J236	JUNCTION	80.18	1612.59	0	00:40	0.0804	2.14	1.906
J237	JUNCTION	30.21	1508.24	0	00:41	0.0229	1.86	-0.189
J238	JUNCTION	150.33	1490.38	0	00:41	0.141	1.7	0.128
J239	JUNCTION	0.00	3462.05	0	00:00	0	2.18	2.371
J240	JUNCTION	102.47	102.47	0	00:40	0.0882	0.0882	0.507
J241	JUNCTION	86.19	386.58	0	00:40	0.0861	0.354	-0.283
J242	JUNCTION	71.45	1178.93	0	00:40	0.0605	1.46	0.008
J243	JUNCTION	104.65	784.23	0	00:40	0.0893	1.04	-0.280
J244	JUNCTION	274.57	311.36	0	00:40	0.232	0.268	-0.647
J245	JUNCTION	149.27	566.93	0	00:40	0.119	0.68	0.008
J246	JUNCTION	330.82	433.21	0	00:40	0.406	0.561	0.000
J247	JUNCTION	169.67	169.67	0	00:40	0.155	0.159	0.263
J248	JUNCTION	0.00	562.61	0	00:00	0	9.37	0.127
J24-Stan	JUNCTION	0.00	346.93	0	00:57	0	0.985	18.491
J25	JUNCTION	26.84	26.84	0	00:40	0.0209	0.0211	2.387
J258	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J259	JUNCTION	93.07	93.07	0	00:40	0.0797	0.0797	0.027
J26	JUNCTION	52.22	64.03	0	00:40	0.0415	0.0699	0.040
J260	JUNCTION	88.07	180.29	0	00:40	0.0786	0.158	0.480
J261	JUNCTION	163.76	339.43	0	00:40	0.148	0.305	0.016
J262	JUNCTION	117.58	547.90	0	00:40	0.0954	0.535	-0.027
J263	JUNCTION	0.00	122.47	0	00:40	0	0.134	-0.001
J264	JUNCTION	149.04	149.04	0	00:40	0.134	0.134	0.021

J265	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J266	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J267	JUNCTION	0.00	69.70	0	02:03	0	1.81	0.034
J268	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J269	JUNCTION	47.27	47.27	0	00:40	0.0401	0.0401	-0.018
J270	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J274	JUNCTION	0.00	7907.43	0	00:46	0	19.5	-0.030
J275	JUNCTION	138.37	458.83	0	00:40	0.139	1.33	0.902
J276	JUNCTION	0.00	369.29	0	00:40	0	1.32	-0.128
J277	JUNCTION	0.00	21.94	0	00:41	0	0.0203	-3.444
J278	JUNCTION	0.00	71.49	0	00:39	0	0.0447	5.275
J279	JUNCTION	310.49	310.49	0	00:40	0.319	0.353	0.919
J280	JUNCTION	70.50	226.40	0	00:40	0.0758	0.398	0.932
J281	JUNCTION	23.78	686.31	0	00:40	0.019	2.01	0.114
J282	JUNCTION	261.22	558.95	0	00:40	0.251	1.57	0.044
J283	JUNCTION	7.57	38.01	0	00:40	0.0101	0.0124	0.380
J284	JUNCTION	35.50	35.50	0	00:40	0.0261	0.0261	3.549
J285	JUNCTION	53.87	852.48	0	00:39	0.0508	2.28	0.148
J286	JUNCTION	1.14	739.19	0	00:39	0.00202	2.26	-0.684
J287	JUNCTION	61.67	61.67	0	00:40	0.0519	0.0519	-0.027
J288	JUNCTION	117.75	146.06	0	00:40	0.104	0.156	1.844
J289	JUNCTION	69.32	393.75	0	00:41	0.0599	1.19	0.052
J29	JUNCTION	0.00	776.61	0	02:01	0	0.111	-0.250
J290	JUNCTION	0.00	71.71	0	00:39	0	0.0163	0.061
J291	JUNCTION	164.36	233.88	0	00:39	0.158	0.181	0.370
J292	JUNCTION	79.30	135.12	0	00:46	0.0707	0.104	0.065
J293	JUNCTION	81.12	81.12	0	00:40	0.0667	0.0678	0.194
J294	JUNCTION	0.00	20.74	0	00:41	0	0.00465	0.100
J299	JUNCTION	0.00	34.85	0	00:40	0	0.00417	0.954
J2-Stan	JUNCTION	58.76	2397.88	0	00:55	0.0549	12.2	0.001
J3	JUNCTION	370.52	4661.44	0	00:56	0.919	21.1	-0.013
J30	JUNCTION	70.49	1421.14	0	02:02	0.0738	0.451	-0.176
J300	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J301	JUNCTION	44.12	44.12	0	00:40	0.0365	0.0365	0.044
J302	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J31	JUNCTION	0.00	1079.86	0	02:02	0	0.592	-0.359
J32	JUNCTION	0.00	496.55	0	02:02	0	0.788	1.598
J33	JUNCTION	112.31	516.45	0	00:44	0.108	0.99	-0.091
J337	JUNCTION	130.87	13101.01	0	00:01	0.113	4.61	4.287
J338	JUNCTION	0.00	1180.52	0	00:40	0	1.54	-0.055
J34	JUNCTION	65.67	521.84	0	00:43	0.0571	1.07	-0.909
J342	JUNCTION	0.00	235.89	0	01:04	0	1.67	-0.003
J343	JUNCTION	0.00	235.89	0	01:04	0	1.67	0.076
J344	JUNCTION	29.81	142.76	0	00:40	0.0248	0.466	-0.719
J348	JUNCTION	1590.04	2283.18	0	01:01	2.59	29.5	0.269
J349	JUNCTION	21.25	2226.07	0	01:06	0.0386	29.5	0.187
J35	JUNCTION	75.35	781.55	0	02:50	0.065	1.3	0.854
J351	JUNCTION	92.52	937.18	0	00:40	0.0827	1.17	-0.734
J352	JUNCTION	142.07	304.35	0	00:40	0.117	0.345	-0.809
J353	JUNCTION	20.42	3441.34	0	00:54	0.0345	33.8	0.951
J354	JUNCTION	129.57	509.73	0	00:40	0.188	0.691	-0.499
J355	JUNCTION	0.00	299.93	0	00:40	0	0.0585	-0.558
J356	JUNCTION	689.33	980.27	0	00:39	0.693	0.865	0.238
J358_ADD	JUNCTION	1591.65	2455.13	0	00:40	1.92	11.2	-0.098
J36	JUNCTION	102.65	972.42	0	02:26	0.165	1.85	0.020
J360	JUNCTION	15.71	3038.80	0	01:11	0.029	33.6	1.042
J362	JUNCTION	683.87	683.87	0	00:40	0.932	0.932	0.487
J368	JUNCTION	84.31	320.03	0	00:37	0.0836	0.28	19.318
J37	JUNCTION	143.33	471.98	0	02:51	0.115	1.46	0.029
J370	JUNCTION	0.00	2404.88	0	01:25	0	33.7	1.087
J372	JUNCTION	589.82	589.82	0	00:40	0.737	0.738	0.955
J373	JUNCTION	219.50	219.50	0	00:40	0.231	0.231	1.352
J374	JUNCTION	442.07	861.28	0	00:42	0.461	1.31	-0.764
J375	JUNCTION	0.00	858.04	0	00:42	0	1.32	0.040
J376	JUNCTION	385.34	385.34	0	00:40	0.421	0.421	-0.381
J377	JUNCTION	224.24	224.24	0	00:40	0.206	0.206	0.746
J378	JUNCTION	17.15	34.14	0	00:38	0.0145	0.0158	-0.197
J379	JUNCTION	0.00	978.99	0	01:53	0	0.113	-1.159
J38	JUNCTION	0.00	790.55	0	00:42	0	2.46	-0.026
J380	JUNCTION	0.00	362.39	0	00:42	0	1.07	0.002
J381	JUNCTION	588.83	588.83	0	00:40	0.553	0.553	0.207
J382	JUNCTION	0.00	557.97	0	00:40	0	0.552	-0.028
J384	JUNCTION	0.00	858.69	0	00:42	0	1.35	0.060
J385	JUNCTION	0.00	82.86	0	00:41	0	0.0814	-0.612
J387	JUNCTION	0.00	61.62	0	00:41	0	0.0721	-0.427

J388	JUNCTION	0.00	67.33	0	00:42	0	0.117	0.062
J389	JUNCTION	559.91	635.77	0	00:40	0.656	0.79	10.191
J39	JUNCTION	0.00	486.18	0	00:41	0	2.15	-0.000
J390	JUNCTION	0.00	146.47	0	00:41	0	0.194	0.004
J391	JUNCTION	86.84	86.84	0	00:40	0.0783	0.0783	0.771
J3-Stan	JUNCTION	0.00	2396.44	0	00:55	0	12.2	0.006
J4	JUNCTION	363.57	363.57	0	00:40	0.337	0.337	-0.932
J40	JUNCTION	201.08	579.70	0	00:41	0.211	2.35	0.306
J403	JUNCTION	19.31	8363.48	0	01:28	0.0323	66.9	0.465
J404	JUNCTION	0.00	8206.60	0	01:33	0	66.1	0.513
J407	JUNCTION	0.00	8150.55	0	01:37	0	65.8	0.079
J408	JUNCTION	0.00	7599.72	0	01:57	0	66.2	0.890
J41	JUNCTION	0.00	503.93	0	00:42	0	2.34	-0.213
J42	JUNCTION	561.81	808.06	0	00:39	0.576	2.99	-0.011
J420	JUNCTION	568.85	568.85	0	00:40	0.675	0.679	-2.359
J422	JUNCTION	330.57	330.57	0	00:40	0.329	0.328	-0.003
J426	JUNCTION	0.00	1183.27	0	00:40	0	1.61	0.000
J426_ADD	JUNCTION	0.00	631.01	0	00:40	0	0.611	0.020
J427_ADD	JUNCTION	112.30	733.45	0	00:40	0.137	0.748	-0.043
J428	JUNCTION	986.16	1237.14	0	00:40	1.31	1.64	0.832
J428_ADD	JUNCTION	741.07	745.45	0	00:40	0.611	0.648	0.105
J429	JUNCTION	0.00	25.52	0	00:31	0	0.00187	529.752
J429_ADD	JUNCTION	0.00	62.26	0	00:35	0	0.00162	-1.216
J43	JUNCTION	0.00	695.53	0	00:42	0	2.98	-0.002
J430	JUNCTION	0.00	305.28	0	00:40	0	0.338	3.848
J430_ADD	JUNCTION	0.00	174.32	0	00:38	0	0.0356	-2.018
J431	JUNCTION	315.80	315.80	0	00:40	0.329	0.329	-0.015
J431_ADD	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J433	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J435	JUNCTION	0.00	31.95	0	00:38	0	0.0012	-0.247
J438	JUNCTION	0.00	1521.24	0	00:40	0	1.7	-0.125
J44	JUNCTION	0.00	661.23	0	00:40	0	3.52	0.026
J440	JUNCTION	409.60	2491.73	0	00:40	0.326	3.24	-0.047
J441	JUNCTION	645.71	2849.31	0	00:41	0.548	3.79	0.009
J442	JUNCTION	140.90	140.90	0	00:40	0.109	0.109	0.420
J444	JUNCTION	96.30	234.41	0	00:40	0.118	0.226	-0.221
J45	JUNCTION	0.00	570.84	0	00:40	0	3.32	0.003
J453	JUNCTION	0.00	920.32	0	02:38	0	1.34	-0.030
J454	JUNCTION	0.00	95.05	0	00:44	0	0.614	-0.085
J455	JUNCTION	0.00	101.14	0	00:43	0	0.681	-0.018
J46	JUNCTION	211.49	709.27	0	00:40	0.248	3.56	-0.001
J469	JUNCTION	0.00	113.07	0	00:52	0	0.442	0.008
J47	JUNCTION	0.00	638.54	0	00:40	0	3.56	0.004
J471	JUNCTION	76.36	199.25	0	00:40	0.0675	0.259	0.258
J472	JUNCTION	0.00	400.99	0	00:41	0	1.13	-0.004
J473	JUNCTION	83.42	118.60	0	01:00	0.104	0.115	-0.099
J477	JUNCTION	97.43	100.51	0	00:40	0.0829	0.098	0.774
J478	JUNCTION	11.40	45.01	0	00:40	0.00922	0.0111	0.217
J479	JUNCTION	227.75	227.75	0	00:40	0.21	0.21	0.598
J48	JUNCTION	0.00	691.06	0	00:40	0	4.09	-0.009
J480	JUNCTION	60.39	60.39	0	00:40	0.0516	0.0516	-0.050
J481	JUNCTION	116.61	116.61	0	00:40	0.101	0.108	-0.042
J482	JUNCTION	137.02	137.02	0	00:40	0.129	0.129	-0.064
J483	JUNCTION	70.92	247.66	0	00:42	0.0626	0.103	-4.102
J484	JUNCTION	167.31	675.97	0	00:40	0.142	0.172	3.731
J485	JUNCTION	82.76	566.34	0	00:38	0.0732	1.9	-0.002
J485-Stan	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J49	JUNCTION	0.00	366.57	0	00:42	0	0.749	-0.133
J493	JUNCTION	201.72	236.36	0	00:40	0.177	0.501	-0.010
J499	JUNCTION	141.96	3256.84	0	00:42	0.133	4.85	0.007
J5	JUNCTION	481.76	2301.94	0	00:40	0.422	3.39	2.561
J50	JUNCTION	0.00	187.81	0	00:42	0	0.764	0.018
J51	JUNCTION	0.00	517.26	0	00:43	0	1.46	-0.320
J510	JUNCTION	714.20	3609.80	0	00:42	0.635	5.49	-0.008
J516	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J519	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J52	JUNCTION	238.73	813.12	0	00:40	0.237	4.31	-0.059
J521	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J525	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J527	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J528	JUNCTION	207.36	207.36	0	00:40	0.181	0.181	0.440
J529	JUNCTION	313.26	439.45	0	00:45	0.963	10.3	4.622
J53	JUNCTION	0.00	738.81	0	00:40	0	4.31	-0.003
J535	JUNCTION	65.42	65.42	0	00:40	0.0743	0.0792	0.056
J537	JUNCTION	0.00	25.29	0	00:36	0	0.00211	0.509

J54	JUNCTION	0.00	701.23	0	00:40	0	4.31	-0.000
J55	JUNCTION	0.00	388.64	0	00:43	0	0.945	0.211
J56	JUNCTION	0.00	680.93	0	00:40	0	4.31	0.009
J57	JUNCTION	0.00	648.64	0	00:40	0	4.31	-0.002
J58	JUNCTION	0.00	584.42	0	00:54	0	4.31	-0.009
J59	JUNCTION	0.00	577.82	0	00:54	0	4.31	-0.006
J6	JUNCTION	992.87	1422.87	0	00:52	0.954	4.26	-2.372
J60	JUNCTION	0.00	739.08	0	01:10	0	5.28	0.018
J61	JUNCTION	22.11	53.09	0	00:37	0.0185	0.0189	-0.197
J67	JUNCTION	262.08	262.08	0	00:40	0.731	0.731	1.322
J67-Stan	JUNCTION	0.00	12.45	0	02:00	0	0.0184	0.215
J68	JUNCTION	0.00	9.83	0	02:20	0	0.711	0.146
J68-Stan	JUNCTION	0.00	74.15	0	01:34	0	0.127	-0.009
J69	JUNCTION	0.00	501.95	0	00:46	0	5.99	0.001
J7	JUNCTION	0.00	512.07	0	00:40	0	0.627	-0.942
J70	JUNCTION	0.00	4604.09	0	01:06	0	21.1	0.059
J71	JUNCTION	0.00	5050.73	0	01:01	0	23.4	0.281
J72	JUNCTION	0.00	6361.13	0	01:18	0	33.5	-0.227
J73_ADD	JUNCTION	0.00	611.64	0	00:41	0	1.19	-0.019
J74_ADD	JUNCTION	178.75	294.19	0	00:40	0.194	0.596	0.026
J75_ADD	JUNCTION	0.00	554.12	0	00:43	0	1.19	0.206
J76_ADD	JUNCTION	182.30	1089.17	0	00:42	0.246	2.38	0.408
J77_ADD	JUNCTION	0.00	2380.87	0	00:52	0	12.1	0.072
J78_ADD	JUNCTION	27.92	398.42	0	00:55	0.0378	0.822	1.233
J79_ADD	JUNCTION	0.00	571.39	0	00:40	0	0.744	-0.006
J7STM109	JUNCTION	62.59	98.94	0	00:37	0.0516	2.81	0.076
J7STM110	JUNCTION	100.69	1934.87	0	00:40	0.0821	7.23	0.060
J7STM122	JUNCTION	269.89	1523.59	0	00:40	0.248	3.72	0.014
J7STM123	JUNCTION	12.18	1526.81	0	00:42	0.00996	3.75	-0.005
J7STM124	JUNCTION	30.41	1700.17	0	00:42	0.0248	4.01	0.001
J8	JUNCTION	248.24	586.70	0	00:41	0.216	0.848	0.118
J80_ADD	JUNCTION	26.12	698.50	0	00:40	0.0319	0.78	-1.679
J81_ADD	JUNCTION	364.36	921.52	0	00:40	0.353	1.1	-0.547
J85	JUNCTION	0.00	178.97	0	00:48	0	0.489	-0.120
J86	JUNCTION	0.00	128.67	0	00:47	0	0.392	0.289
J87	JUNCTION	0.00	120.09	0	01:04	0	0.292	-0.721
J88	JUNCTION	0.00	110.97	0	01:02	0	0.121	2.538
J89	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J8STM112	JUNCTION	118.60	118.60	0	00:40	0.113	0.113	0.665
J8STM113	JUNCTION	25.88	1252.74	0	00:50	0.0215	3.09	-0.062
J8STM117	JUNCTION	246.62	1163.92	0	00:54	0.246	2.9	0.129
J8STM118	JUNCTION	15.65	55.71	0	00:38	0.0121	0.0244	0.019
J8STM119	JUNCTION	68.25	68.25	0	00:40	0.0716	0.0716	0.383
J8STM120	JUNCTION	193.35	1426.68	0	00:40	0.172	3.46	-0.076
J8STM121	JUNCTION	0.00	1382.75	0	00:48	0	3.48	0.020
J9	JUNCTION	43.46	1149.45	0	00:54	0.0396	7.57	0.009
J90	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J91	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J92	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J93	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J94	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J95	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
J96	JUNCTION	0.00	186.53	0	00:48	0	0.568	-0.118
J97	JUNCTION	0.00	2411.32	0	00:40	0	5.52	-0.026
J98	JUNCTION	1124.99	2405.16	0	00:40	1.15	5.52	0.136
J99	JUNCTION	98.83	1261.03	0	00:46	0.109	4.07	0.006
J9-Stan	JUNCTION	0.00	2769.91	0	00:56	0	14.1	-0.002
J9STM114	JUNCTION	128.93	128.93	0	00:40	0.116	0.116	0.330
J9STM115	JUNCTION	22.70	1077.16	0	00:55	0.0183	2.63	0.111
J9STM116	JUNCTION	17.25	1060.82	0	00:44	0.0135	2.5	0.000
J9STM1871	JUNCTION	541.57	1116.15	0	00:42	0.684	2.49	0.101
J9STM1872	JUNCTION	116.36	815.77	0	00:41	0.111	1.8	-0.112
STMH1	JUNCTION	169.15	169.15	0	00:40	0.197	0.197	0.452
STMH10	JUNCTION	56.42	258.24	0	00:50	0.0562	0.758	0.100
STMH11	JUNCTION	0.00	258.00	0	00:51	0	0.758	0.162
STMH12	JUNCTION	55.92	272.88	0	00:49	0.056	0.812	0.881
STMH13	JUNCTION	0.00	272.10	0	00:52	0	0.805	0.031
STMH15	JUNCTION	0.00	273.35	0	00:54	0	0.805	-1.005
STMH16	JUNCTION	129.23	317.96	0	00:51	0.143	0.956	0.719
STMH17	JUNCTION	0.00	304.47	0	00:50	0	0.961	-0.022
STMH18	JUNCTION	73.84	321.78	0	00:48	0.0641	1.05	0.490
STMH19	JUNCTION	0.00	312.86	0	00:48	0	1.06	1.171
STMH2	JUNCTION	129.30	242.17	0	00:40	0.136	0.332	0.981
STMH20	JUNCTION	52.18	307.78	0	00:46	0.0451	1.1	2.871
STMH21	JUNCTION	75.46	299.03	0	00:58	0.0936	1.16	2.946

STMH22	JUNCTION	30.73	303.44	0	00:58	0.0271	1.15	1.310
STMH23	JUNCTION	0.00	303.36	0	00:58	0	1.13	0.697
STMH24	JUNCTION	0.00	303.41	0	00:58	0	1.13	2.574
STMH25	JUNCTION	74.22	398.76	0	00:42	0.0907	1.23	4.130
STMH26	JUNCTION	0.00	73.99	0	00:51	0	0.053	4.338
STMH27	JUNCTION	0.00	41.06	0	00:50	0	0.00896	0.062
STMH3	JUNCTION	47.67	209.49	0	00:40	0.047	0.376	-0.348
STMH4	JUNCTION	62.54	236.35	0	00:39	0.0658	0.443	-0.039
STMH5	JUNCTION	0.00	177.01	0	00:39	0	0.443	-0.658
STMH6	JUNCTION	134.72	244.50	0	00:40	0.187	0.633	0.330
STMH7	JUNCTION	67.99	267.62	0	00:40	0.0754	0.706	1.029
STMH8	JUNCTION	0.00	245.30	0	00:50	0	0.699	-0.256
STMH9	JUNCTION	0.00	244.26	0	00:52	0	0.701	-0.212
STMHD1	JUNCTION	0.00	487.36	0	00:42	0	1.12	1.611
STMHD2	JUNCTION	0.00	505.05	0	00:41	0	1.1	2.968
STMHD3	JUNCTION	0.00	312.73	0	01:04	0	1.08	7.031
SU3	JUNCTION	0.00	12328.45	0	00:45	0	56.5	0.386
J423	OUTFALL	6768.41	8034.69	0	02:02	14.2	79.8	0.000
J82	OUTFALL	51.61	863.45	0	00:50	0.0514	2.75	0.000
Lagoons	OUTFALL	4525.82	4525.82	0	00:45	14.5	14.5	0.000
Marina_Bay	OUTFALL	0.00	4127.79	0	01:02	0	48.8	0.000
OF1	OUTFALL	837.18	837.18	0	00:40	0.872	0.872	0.000
OF2	OUTFALL	2261.57	2300.94	0	00:40	3.96	13.8	0.000
Beacon_Hill	STORAGE	86.10	2253.09	0	00:45	0.0919	3.72	0.667
Crestview	STORAGE	116.52	1717.92	0	00:40	0.207	5.95	0.006
Crestview1	STORAGE	105.48	2376.36	0	00:40	0.105	9.52	-13.864
Fox_Run_PH14	STORAGE	33.67	33.67	0	00:40	0.0315	0.034	0.022
Fox_Run_PH6-7	STORAGE	202.87	7714.19	0	00:42	0.207	19	0.115
GCMH130	STORAGE	14.96	276.02	0	00:42	0.0264	1.81	0.234
GCMH4	STORAGE	842.42	842.42	0	00:40	1.5	1.5	0.010
Golf_Course1	STORAGE	1020.81	1743.42	0	00:40	1.02	2.6	-8.629
Golf_Course2	STORAGE	0.00	1283.49	0	00:00	0	2.94	0.951
Hawk's_Crest	STORAGE	1063.08	1099.06	0	00:40	0.919	20	0.000
Hewlett_Park	STORAGE	318.12	1365.15	0	00:40	0.308	4.15	0.408
Hewlett_Park_Wetland	STORAGE	113.95	4458.52	0	01:02	0.118	19.7	0.060
Iron_Gate_Pond_1	STORAGE	0.00	0.00	0	00:00	0	0	0.000 ltr
Iron_Gate_Pond_2	STORAGE	0.00	0.00	0	00:00	0	0	0.000 ltr
Lakeway_Landing_Ph2	STORAGE	70.72	3363.78	0	00:42	0.0748	9.69	-0.706
Lakeway_Landing_Phase1	STORAGE	36.08	506.61	0	00:41	0.0428	1.16	-0.062
Norell_Business_Park	STORAGE	59.05	59.05	0	00:45	0.118	0.118	0.011
Pier_View	STORAGE	17.64	1410.35	0	00:40	0.0185	1.68	0.030
Prop_POND1	STORAGE	0.00	126.00	0	00:45	0	0.211	0.146
Prop-Golf_Course_Creek_Pond	STORAGE	0.00	894.43	0	01:03	0	17.5	-0.069
Ryders_Ridge	STORAGE	309.78	1604.32	0	00:50	0.318	3.6	-0.020
SU1	STORAGE	5.32	905.13	0	00:44	0.00713	1.49	1.373
Tank1-S3435	STORAGE	92.01	95.89	0	00:40	0.118	0.12	0.001
Tank2-S3547	STORAGE	94.74	94.74	0	00:40	0.12	0.12	0.002
Waterford_Station_Pond1	STORAGE	1817.72	1817.72	0	00:40	2.7	4.43	0.141
Waterford_Station_Pond2	STORAGE	2053.66	2053.66	0	00:40	3.48	15.5	0.001
Waterford_Station_Pond3	STORAGE	1146.14	1146.14	0	00:40	1.26	3.12	0.004
Westwood_Lane	STORAGE	0.00	718.35	0	00:42	0	0.891	4.183
Willow_Springs	STORAGE	0.00	5453.10	0	01:03	0	15.9	-0.009

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Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Meters	Min. Depth Below Rim Meters
734_ADD	JUNCTION	0.05	0.043	1.529
737_ADD	JUNCTION	0.19	0.214	0.463
739_ADD	JUNCTION	0.29	1.212	0.000
740_ADD	JUNCTION	0.26	0.943	0.000
741_ADD	JUNCTION	0.30	1.044	0.000
746_ADD	JUNCTION	0.27	1.103	0.000
753_ADD	JUNCTION	0.24	1.200	0.000
755_ADD	JUNCTION	0.26	1.353	0.000
A12STM51	JUNCTION	0.33	1.498	0.000
A12STM55	JUNCTION	0.14	0.035	3.425
A12STM57	JUNCTION	0.25	3.485	0.000

A13STM44	JUNCTION	0.28	2.176	0.000
A13STM45	JUNCTION	0.37	1.928	1.622
A14STM34	JUNCTION	0.03	0.022	1.657
A15STM7	JUNCTION	0.17	0.800	0.525
B13STM41	JUNCTION	0.19	0.509	1.256
B13STM42	JUNCTION	0.32	1.574	1.161
B13STM43	JUNCTION	0.36	3.143	0.257
B14STM39	JUNCTION	0.21	1.729	0.126
B14STM40	JUNCTION	0.20	1.555	0.000
B15STM11	JUNCTION	0.07	0.435	2.115
B15STM12	JUNCTION	0.05	0.971	0.529
B15STM22	JUNCTION	0.15	1.613	0.000
B6STM173	JUNCTION	0.77	1.252	1.204
B6STM174	JUNCTION	0.88	0.996	0.844
B7STM170	JUNCTION	0.11	1.944	0.000
C11STM237	JUNCTION	0.06	0.249	3.042
C13STM218	JUNCTION	0.03	0.084	1.360
C14STM211	JUNCTION	0.28	2.269	0.000
C14STM213	JUNCTION	0.25	1.048	0.521
C15STM196	JUNCTION	0.07	2.000	0.000
C17STM1078	JUNCTION	0.13	0.793	0.318
C17STM1079	JUNCTION	0.21	1.613	0.000
C17STM1081	JUNCTION	0.15	1.523	0.000
C7STM183	JUNCTION	0.82	0.423	1.936
CULV5307	JUNCTION	0.06	0.000	0.000
CULV5315	JUNCTION	0.34	0.000	0.000
F9STM264	JUNCTION	2.49	2.082	0.000
G14STM76_ADD	JUNCTION	24.00	0.000	3.590
G7STM261	JUNCTION	0.03	0.048	0.000
G7STM262	JUNCTION	1.58	0.300	0.000
GCMH102	JUNCTION	0.18	1.123	0.000
GCMH111	JUNCTION	1.04	1.761	0.222
GCMH139	JUNCTION	0.18	1.120	0.213
GCMH17	JUNCTION	9.49	0.366	2.278
GCMH18	JUNCTION	14.13	0.374	2.645
GCMH22	JUNCTION	23.39	4.876	8.828
GCMH23	JUNCTION	23.98	2.973	0.000
GCMH24	JUNCTION	12.00	0.374	2.281
GCMH44	JUNCTION	0.01	0.387	1.093
GCMH63	JUNCTION	0.78	0.606	1.130
GCMH65	JUNCTION	13.29	0.702	2.829
GCMH70	JUNCTION	0.17	0.008	1.407
GCMH74	JUNCTION	0.23	1.342	0.000
GCMH81	JUNCTION	5.55	1.100	0.000
GCMH82	JUNCTION	14.27	0.815	2.610
GCMH97	JUNCTION	0.10	2.613	0.000
HPMH10	JUNCTION	0.35	1.279	0.000
HPMH11	JUNCTION	2.24	1.800	0.000
HPMH12	JUNCTION	23.33	1.877	0.000
HPMH13	JUNCTION	0.11	0.623	1.047
HPMH14	JUNCTION	0.06	0.875	1.094
HPMH17	JUNCTION	0.05	2.342	0.000
HPMH18	JUNCTION	0.01	0.111	1.364
HPMH20	JUNCTION	23.33	2.027	0.000
HPMH21	JUNCTION	1.13	1.870	0.000
HPMH25	JUNCTION	23.35	1.642	0.000
HPMH28	JUNCTION	23.48	0.000	0.000
HPMH33	JUNCTION	0.03	0.051	0.533
HPMH38	JUNCTION	1.44	0.328	0.372
HPMH7	JUNCTION	0.09	0.868	0.000
HPMH8	JUNCTION	0.17	0.676	0.000
I10STM94	JUNCTION	0.01	0.222	0.000
I12STM1472	JUNCTION	0.27	1.750	0.000
I12STM1507	JUNCTION	1.64	2.852	0.000
I12STM1508	JUNCTION	0.19	0.104	1.148
I12STM1511	JUNCTION	1.54	2.020	0.000
I12STM1513	JUNCTION	2.39	2.255	0.000
I12STM1514	JUNCTION	1.52	1.242	0.448
I13STM1477	JUNCTION	0.30	2.094	0.000
I8STM101	JUNCTION	0.61	0.874	0.058
I8STM103	JUNCTION	0.38	0.865	0.000
I8STM142	JUNCTION	0.69	1.714	0.000
I9STM148	JUNCTION	0.16	0.076	0.000
I9STM149	JUNCTION	0.59	0.273	0.000
I9STM150	JUNCTION	1.05	1.044	0.000

J137	JUNCTION	0.51	2.900	0.000
J13-Stan	JUNCTION	0.20	0.000	0.000
J142	JUNCTION	0.01	1.468	0.000
J156	JUNCTION	3.02	0.300	0.000
J206	JUNCTION	0.39	0.178	0.000
J207	JUNCTION	0.61	0.248	0.000
J208	JUNCTION	0.14	0.069	0.000
J239	JUNCTION	23.99	2.717	0.000
J248	JUNCTION	23.99	4.275	0.000
J24-Stan	JUNCTION	16.76	0.762	0.789
J25	JUNCTION	0.17	2.974	0.000
J283	JUNCTION	0.71	1.660	0.000
J286	JUNCTION	0.97	3.757	0.000
J29	JUNCTION	0.02	0.300	0.000
J292	JUNCTION	0.26	0.300	0.000
J30	JUNCTION	0.70	0.300	0.000
J337	JUNCTION	15.43	2.500	0.000
J338	JUNCTION	7.71	2.545	0.000
J355	JUNCTION	0.20	0.300	0.000
J362	JUNCTION	0.27	1.052	0.000
J375	JUNCTION	1.40	0.500	0.000
J379	JUNCTION	0.75	0.300	0.000
J387	JUNCTION	2.11	2.104	0.000
J389	JUNCTION	1.39	0.300	0.000
J426	JUNCTION	23.37	0.300	0.000
J429	JUNCTION	23.46	0.509	0.316
J429_ADD	JUNCTION	0.53	1.125	0.000
J435	JUNCTION	0.69	1.834	0.000
J469	JUNCTION	0.84	1.899	0.000
J473	JUNCTION	1.19	0.237	0.000
J483	JUNCTION	0.78	0.300	0.000
J484	JUNCTION	0.73	0.300	0.000
J485-Stan	JUNCTION	24.00	0.000	3.345
J50	JUNCTION	2.33	2.076	0.412
J537	JUNCTION	1.33	0.950	0.000
J61	JUNCTION	0.88	1.293	0.000
J70	JUNCTION	0.46	0.386	0.000
J71	JUNCTION	0.20	0.000	0.000
J7STM109	JUNCTION	0.45	0.298	0.665
STMHD1	JUNCTION	23.29	2.960	0.000
STMHD2	JUNCTION	23.30	4.046	0.000
STMHD3	JUNCTION	23.32	2.854	0.698

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Node Flooding Summary
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Flooding refers to all water that overflows a node, whether it ponds or not.

Node	Hours Flooded	Maximum Rate LPS	Total Time of Max Occurrence days	hr:min	Maximum Flood Volume 10^6 ltr	Ponded Depth Meters
739_ADD	0.01	67.01	0	00:38	0.000	0.000
740_ADD	0.11	62.28	0	00:38	0.013	0.000
741_ADD	0.03	52.49	0	00:38	0.001	0.000
746_ADD	0.01	92.23	0	00:38	0.000	0.000
753_ADD	0.08	67.39	0	00:41	0.008	0.000
755_ADD	0.01	0.28	0	00:40	0.000	0.000
A13STM44	0.01	38.09	0	00:40	0.000	0.500
B14STM40	0.01	34.47	0	00:39	0.000	0.300
B7STM170	0.01	55.31	0	00:39	0.000	0.300
C14STM211	0.01	56.57	0	00:38	0.000	0.300
C15STM196	0.01	9.72	0	00:40	0.000	0.300
C17STM1079	0.01	41.25	0	00:39	0.000	0.300
C17STM1081	0.01	34.50	0	00:39	0.000	0.300
CULV5307	0.06	257.89	0	00:48	0.022	0.000
CULV5315	0.34	1096.26	0	00:51	0.658	0.000
CULV5475_Inlet	0.02	5557.96	0	00:40	0.210	0.000
F9STM264	0.01	30.07	0	00:40	0.000	0.300
G7STM262	0.74	464.30	0	01:08	0.294	0.300
GCMH102	0.07	101.86	0	00:40	0.012	0.300
GCMH23	0.01	170.60	0	00:01	0.000	0.300

GCMH74	0.01	37.74	0	00:39	0.000	0.300
GCMH79	0.69	379.99	0	00:55	0.571	0.000
GCMH81	0.01	2122.71	0	06:58	0.005	0.300
GCMH97	0.01	31.92	0	00:40	0.000	0.300
HPMH10	0.01	27.42	0	00:38	0.000	0.300
HPMH11	0.01	71.71	0	00:41	0.000	0.300
HPMH12	0.01	41.89	0	00:40	0.000	0.300
HPMH17	0.01	57.31	0	00:40	0.000	0.300
HPMH20	0.01	80.74	0	00:39	0.000	0.300
HPMH21	0.01	24.13	0	00:42	0.000	0.300
HPMH25	0.01	41.64	0	00:39	0.000	0.300
HPMH28	23.48	541.86	0	00:40	0.907	0.000
HPMH7	0.01	67.31	0	00:40	0.000	0.300
HPMH8	0.01	74.58	0	00:40	0.000	0.300
I12STM1472	0.01	11.87	0	00:42	0.000	0.300
I12STM1507	0.01	189.45	0	00:39	0.000	0.300
I12STM1511	0.01	63.78	0	00:40	0.000	0.300
I12STM1513	0.01	176.03	0	00:38	0.000	0.300
I13STM1477	0.01	20.43	0	00:39	0.000	0.300
I8STM103	0.01	22.44	0	00:38	0.000	0.300
I8STM142	0.01	16.52	0	00:36	0.000	0.300
I9STM150	0.01	12.54	0	00:35	0.000	0.300
J137	0.01	20.35	0	00:37	0.000	0.300
J13-Stan	0.20	146.69	0	00:57	0.074	0.000
J142	0.01	2475.42	0	00:02	0.010	0.300
J156	0.96	509.98	0	02:27	0.608	0.300
J239	0.01	2916.32	0	00:00	0.006	0.300
J248	0.01	445.65	0	00:00	0.001	0.300
J25	0.01	10.21	0	00:41	0.000	0.300
J283	0.01	30.65	0	00:41	0.000	0.300
J286	0.01	399.68	0	00:39	0.000	0.300
J29	0.01	430.62	0	02:01	0.001	0.300
J292	0.01	78.98	0	00:49	0.001	0.300
J30	0.01	754.08	0	02:02	0.003	0.300
J337	0.01	12882.81	0	00:01	0.133	0.300
J338	0.01	601.86	0	00:00	0.001	0.300
J355	0.01	197.10	0	00:40	0.000	0.300
J362	0.04	141.59	0	00:40	0.010	0.500
J375	0.01	443.42	0	00:40	0.001	0.500
J379	0.01	766.75	0	01:45	0.002	0.300
J387	0.01	32.42	0	00:41	0.000	0.300
J389	0.01	73.21	0	01:07	0.001	0.300
J426	23.31	1183.27	0	00:40	1.537	0.300
J429_ADD	0.01	53.63	0	00:35	0.000	0.300
J435	0.01	13.51	0	00:38	0.000	0.300
J469	0.01	12.89	0	00:38	0.000	0.300
J483	0.03	112.29	0	00:45	0.001	0.300
J484	0.01	0.10	0	00:59	0.000	0.300
J537	0.01	23.29	0	00:36	0.000	0.300
J61	0.01	47.96	0	00:37	0.000	0.300
J71	0.19	765.02	0	01:11	0.259	0.000
STMHD1	0.01	400.26	0	00:42	0.000	0.000
STMHD2	0.01	67.15	0	00:42	0.000	0.000
Prop-Golf_Course_Creek_Pond	3.21	156.66	0	03:09	0.923	0.000
Westwood_Lane	0.66	658.78	0	00:42	0.444	0.000
Willow_Springs	1.85	5453.10	0	01:03	15.660	0.000

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Storage Volume Summary
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Storage Unit	Average Volume 1000 m3	Avg Pcnt	Evap Pcnt	Exfil Pcnt Loss	Maximum Volume 1000 m3	Max Pcnt	Time of Max Occurrence days	hr:min	Maximum Outflow LPS
Beacon_Hill	0.615	2	0	0	2.231	8	0	01:58	145.00
Crestview	4.435	25	0	0	5.358	30	0	02:02	3462.05
Crestview1	2.893	16	0	0	4.673	27	0	02:05	13222.09
Fox_Run_PH14	0.001	0	0	0	0.021	1	0	00:56	8.34
Fox_Run_PH6-7	4.161	32	0	0	8.964	70	0	02:11	980.40
GCMH130	0.281	11	0	0	0.856	34	0	03:58	63.03
GCMH4	0.113	5	0	0	0.779	31	0	01:30	129.47
Golf_Course1	0.038	4	0	0	0.473	53	0	00:00	1283.49

Golf_Course2	0.238	36	0	0	0.429	65	0	00:50	848.14
Hawk's_Crest	19.858	36	0	0	20.018	37	0	02:10	5.30
Hewlett_Park	2.316	31	0	0	3.477	46	0	02:21	282.62
Hewlett_Park_Wetland	9.722	37	0	0	13.826	53	0	03:46	408.40
Iron_Gate_Pond_1	0.000	0	0	0	0.000	0	0	00:00	0.00
Iron_Gate_Pond_2	0.000	0	0	0	0.000	0	0	00:00	0.00
Lakeway_Landing_Ph2	3.217	26	0	0	5.498	44	0	02:06	282.36
Lakeway_Landing_Phase1	0.601	30	0	0	0.914	45	0	00:56	168.30
Norell_Business_Park	0.112	2	0	0	0.118	2	0	01:48	0.00
Pier_View	0.058	4	0	0	0.783	47	0	01:04	235.89
Prop_POND1	0.004	2	0	0	0.053	22	0	00:58	73.58
Prop-Golf_Course_Creek_Pond	3.033	71	0	0	4.269	100	0	03:09	257.61
Ryders_Ridge	1.316	7	0	0	3.578	19	0	01:41	256.88
SU1	0.050	4	0	0	0.346	31	0	00:56	484.02
Tank1-S3435	0.030	24	0	0	0.094	77	0	02:01	4.87
Tank2-S3547	0.058	10	0	0	0.106	18	0	02:12	2.21
Waterford_Station_Pond1	3.252	40	0	0	4.014	49	0	02:29	924.88
Waterford_Station_Pond2	14.268	42	0	0	15.162	45	0	02:36	34.14
Waterford_Station_Pond3	2.753	38	0	0	3.048	42	0	02:20	9.83
Westwood_Lane	0.016	41	0	0	0.040	100	0	00:40	59.56
Willow_Springs	0.011	35	0	0	0.031	100	0	00:47	301.03

Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
J423	99.01	1298.53	8034.69	79.843
J82	99.88	45.10	863.45	2.747
Lagoons	99.00	255.58	4525.82	14.541
Marina_Bay	98.91	708.15	4127.79	48.764
OF1	54.90	27.63	837.18	0.872
OF2	99.95	190.87	2300.94	13.821
System	91.94	2525.86	16377.99	160.587

Link Flow Summary

Link	Type	Maximum |Flow| LPS	Time of Max Occurrence days	hr:min	Maximum |Veloc| m/sec	Max/ Full Flow	Max/ Full Depth
1000_ADD	CONDUIT	995.36	0	00:41	1.66	0.85	0.95
1000-S_ADD	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
1001_ADD	CONDUIT	975.33	0	00:42	1.60	1.55	0.97
1001-S_ADD	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
1002_ADD	CONDUIT	758.94	0	00:40	2.68	1.86	1.00
1003_ADD	CONDUIT	539.13	0	00:42	1.91	3.23	1.00
1003-S_ADD	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
1004_ADD	CONDUIT	56.02	0	00:41	0.79	0.87	1.00
1005_ADD	CONDUIT	86.49	0	00:37	1.34	0.95	1.00
1005-S_ADD	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
1006_ADD	CONDUIT	110.57	0	00:40	1.56	1.81	1.00
1007_ADD	CONDUIT	100.10	0	00:40	1.42	1.11	1.00
1007-S_ADD	CHANNEL	8.83	0	00:43	0.20	0.01	0.12
1008_ADD	CONDUIT	117.90	0	00:49	0.74	1.05	1.00
1008-S_ADD	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
1009_ADD	CONDUIT	489.26	0	00:42	1.73	2.27	1.00
1009-S_ADD	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
1011_ADD	CONDUIT	659.01	0	00:42	2.33	3.27	1.00
993_ADD	CONDUIT	68.73	0	00:40	1.04	0.14	0.29
993-S_ADD	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
994_ADD	CONDUIT	176.60	0	00:40	1.43	0.32	0.62
994-S_ADD	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
995_ADD	CONDUIT	759.73	0	00:40	2.70	1.97	1.00

996_ADD	CONDUIT	209.15	0	00:41	0.50	0.56	0.95
996-S_ADD	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
997_ADD	CONDUIT	65.14	0	00:38	0.93	0.71	1.00
998_ADD	CONDUIT	607.21	0	00:42	2.15	2.09	1.00
999_ADD	CONDUIT	654.13	0	00:41	2.31	1.56	1.00
C1	CONDUIT	40.77	0	00:45	0.34	0.00	0.05
C10	CONDUIT	7599.72	0	01:57	1.10	0.57	0.70
C10Stan	CONDUIT	2746.09	0	00:52	1.72	0.08	0.51
C11	CONDUIT	8150.55	0	01:37	1.50	0.56	0.59
C11Stan	CONDUIT	2729.61	0	00:54	1.01	0.54	0.76
C12	CONDUIT	2492.12	0	01:49	0.48	0.42	0.62
C12Stan	CONDUIT	2712.23	0	01:00	0.99	0.52	0.77
C13	CONDUIT	8206.60	0	01:33	1.18	0.38	0.74
C13Stan	CONDUIT	2702.38	0	01:05	0.95	0.54	0.80
C14	CONDUIT	2404.88	0	01:25	0.44	0.35	0.62
C15	CONDUIT	3031.99	0	01:11	0.78	0.26	0.56
C16	CONDUIT	2214.43	0	01:06	0.79	0.13	0.38
C17	CONDUIT	2193.62	0	01:13	0.76	0.14	0.46
C18-S1	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C18-S2	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C18-S3	CHANNEL	258.78	0	01:03	1.03	0.05	0.28
C18-S4	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C18-S5	CHANNEL	0.09	0	00:43	0.10	0.00	0.02
C18-S6	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C18-S7	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C18-S8	CHANNEL	3.55	0	00:40	0.42	0.00	0.05
C19	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C19_ADD	CONDUIT	2366.90	0	00:54	0.97	0.31	0.49
C1Stan	CONDUIT	2385.89	0	00:55	1.45	0.18	0.51
C2	CONDUIT	146.46	0	00:41	3.26	0.34	0.45
C20	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C20-S	CHANNEL	920.32	0	02:38	1.02	0.08	0.66
C20-S1	CHANNEL	0.00	0	00:00	0.00	0.00	0.09
C20-S2	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C20-S3	CHANNEL	37.36	0	00:48	0.39	0.02	0.17
C20-S4	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C20-S5	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C20-S6	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C20-S7Stan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C20Stan	CONDUIT	244.37	0	00:52	1.28	1.21	0.85
C21	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C21-S	CHANNEL	29.15	0	00:52	0.29	0.02	0.18
C21-S1Stan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C21Stan	CONDUIT	258.00	0	00:51	1.47	0.95	0.88
C22	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C22-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C22Stan	CONDUIT	258.10	0	00:52	1.35	1.23	0.99
C23	CONDUIT	7576.77	0	00:46	5.99	1.03	0.85
C23Stan	CONDUIT	2704.73	0	01:05	0.95	0.63	0.82
C24	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C24-S1	CHANNEL	0.00	0	00:00	0.00	0.00	0.05
C24-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C24Stan	CONDUIT	272.10	0	00:52	1.37	1.16	1.00
C25	CONDUIT	20.74	0	00:41	0.67	0.49	1.00
C25-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C25Stan	CONDUIT	2708.52	0	01:06	0.77	0.19	0.58
C26	CONDUIT	89.57	0	00:57	1.63	5.87	1.00
C26_2	CONDUIT	179.27	0	00:53	0.90	0.02	0.17
C27	CONDUIT	140.05	0	01:05	1.35	0.08	0.19
C28	CONDUIT	141.40	0	01:10	0.70	0.01	0.53
C29	CONDUIT	283.76	0	00:42	1.92	1.61	0.68
C29Stan	CONDUIT	283.76	0	00:42	1.92	1.61	0.68
C2Stan	CONDUIT	2397.05	0	00:55	1.17	0.34	0.59
C3	CONDUIT	207.24	0	00:40	2.93	1.44	1.00
C30	CONDUIT	4462.67	0	00:56	4.37	2.00	0.70
C31	CONDUIT	1065.90	0	00:46	1.57	0.04	0.56
C31Stan	CONDUIT	12.45	0	02:00	0.05	0.00	0.20
C32	CONDUIT	4604.09	0	01:06	1.29	0.17	0.70
C32_1	CONDUIT	754.95	0	00:40	0.81	0.13	0.54
C32_3	CONDUIT	1212.56	0	00:52	2.33	1.45	0.64
C32_4	CONDUIT	1726.56	0	00:51	0.96	0.16	0.53
C32Stan	CONDUIT	74.15	0	01:34	0.05	0.01	0.64
C33	CONDUIT	58.46	0	00:48	0.40	0.37	1.00
C33-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C34	CONDUIT	48.61	0	00:39	0.60	0.18	0.99

C34-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C35	CONDUIT	137.83	0	00:38	0.79	0.76	1.00
C35-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C36	CONDUIT	200.34	0	01:49	0.38	0.07	0.28
C36_2_ADD	CONDUIT	439.38	0	00:47	1.20	0.07	0.28
C37	CONDUIT	1236.51	0	00:42	0.94	0.22	0.62
C38	CONDUIT	692.56	0	00:42	1.02	0.09	0.34
C38Stan	CONDUIT	2700.48	0	01:07	1.02	0.24	0.51
C39	CONDUIT	1006.75	0	00:45	0.89	0.10	0.48
C39-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C39Stan	CONDUIT	116.78	0	00:38	1.12	1.05	1.00
C3-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C3Stan	CONDUIT	2396.44	0	00:55	1.16	0.34	0.59
C4	CONDUIT	72.69	0	01:19	1.07	3.06	1.00
C40	CONDUIT	1036.60	0	00:46	1.99	0.65	0.63
C40-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C40Stan	CONDUIT	168.04	0	00:40	1.53	1.51	1.00
C41	CONDUIT	1036.68	0	00:46	2.34	0.08	0.25
C41-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C41Stan	CONDUIT	174.79	0	00:39	1.66	1.00	1.00
C42	CONDUIT	325.08	0	00:40	0.41	0.07	0.62
C42-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C42Stan	CONDUIT	177.01	0	00:39	1.13	1.60	1.00
C43	CONDUIT	407.64	0	00:40	1.01	0.31	0.65
C43-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C43Stan	CONDUIT	166.92	0	00:54	1.05	1.38	1.00
C44	CONDUIT	768.00	0	01:00	0.52	0.15	0.73
C44-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C44Stan	CONDUIT	223.43	0	00:50	1.40	1.75	1.00
C45	CONDUIT	1712.47	0	00:48	2.36	1.40	0.88
C45-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C45Stan	CONDUIT	245.30	0	00:50	1.54	1.57	1.00
C46	CONDUIT	1902.96	0	00:47	1.27	0.22	0.75
C46-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C46Stan	CONDUIT	244.26	0	00:52	1.58	1.56	0.93
C47	CONDUIT	2095.55	0	01:16	3.14	1.64	0.82
C47-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C47Stan	CONDUIT	273.35	0	00:54	1.45	1.08	1.00
C48	CONDUIT	11.98	0	00:40	0.09	0.00	0.27
C48-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C48Stan	CONDUIT	278.48	0	00:51	1.38	0.93	1.00
C49	CONDUIT	4233.07	0	01:23	0.93	1.07	0.83
C49_1	CONDUIT	2256.58	0	00:51	1.57	0.16	0.51
C49_2	CONDUIT	6270.17	0	01:23	1.65	0.44	0.79
C49-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C49Stan	CONDUIT	304.47	0	00:50	1.48	0.71	1.00
C4-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.35
C4Stan	CONDUIT	2396.11	0	00:56	1.13	0.34	0.60
C5	CONDUIT	2868.52	0	00:41	2.88	0.93	0.82
C50	CONDUIT	247.68	0	00:48	0.28	0.07	0.42
C50-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C50Stan	CONDUIT	301.58	0	00:48	1.48	0.70	1.00
C51	CONDUIT	2320.14	0	00:40	1.37	0.30	0.72
C51-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C51Stan	CONDUIT	312.86	0	00:48	1.66	0.53	1.00
C52	CONDUIT	1159.34	0	00:46	0.66	0.26	0.76
C52-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C52Stan	CONDUIT	290.92	0	00:46	1.87	0.35	1.00
C53	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C53_1_ADD	CONDUIT	161.35	0	00:44	0.77	0.01	0.15
C53_ADD	CONDUIT	245.98	0	00:44	2.77	0.13	0.23
C53-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C53Stan	CONDUIT	280.91	0	00:58	1.44	0.53	1.00
C54	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C54_1_ADD	CONDUIT	397.41	0	00:40	1.65	0.02	0.17
C54_ADD	CONDUIT	554.12	0	00:43	1.94	0.03	0.21
C54-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C54Stan	CONDUIT	298.47	0	00:58	1.42	0.56	1.00
C55	CONDUIT	70.87	0	00:39	1.00	0.32	1.00
C55-S	CHANNEL	115.51	0	01:01	0.16	0.03	1.00
C56	CONDUIT	143.07	0	00:42	2.02	3.12	1.00
C56-S	CHANNEL	822.92	0	02:26	0.81	0.54	0.90
C57	CONDUIT	541.86	0	00:40	2.50	2.12	1.00
C58	CONDUIT	0.00	0	00:00	0.00	0.00	0.16
C58-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00

C58Stan	CONDUIT	303.36	0	00:58	1.55	0.56	1.00
C59	CONDUIT	574.30	0	00:57	4.43	0.60	1.00
C59-S	CHANNEL	738.93	0	01:10	0.77	0.13	0.69
C5-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C5Stan	CONDUIT	2769.79	0	00:56	1.33	0.39	0.60
C6	CONDUIT	3331.19	0	00:41	3.34	1.08	0.88
C60	CONDUIT	110.97	0	01:02	0.33	0.06	0.35
C60_ADD	CONDUIT	965.06	0	00:49	0.61	0.30	0.58
C61	CONDUIT	13101.01	0	00:01	2.30	2.26	1.00
C61-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C61Stan	CONDUIT	303.41	0	00:58	1.53	0.55	1.00
C62	CONDUIT	1180.47	0	00:40	2.67	0.95	1.00
C62-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C62Stan	CONDUIT	302.45	0	00:57	1.45	0.54	1.00
C63	CONDUIT	1240.82	0	00:41	1.43	0.50	1.00
C63-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C63Stan	CONDUIT	354.53	0	00:41	1.60	0.53	1.00
C64	CONDUIT	195.81	0	00:40	1.38	0.03	0.56
C64-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C64Stan	CONDUIT	342.66	0	00:41	1.63	0.44	1.00
C65	CONDUIT	251.66	0	00:40	0.29	0.16	1.00
C65-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C65Stan	CONDUIT	312.73	0	01:04	0.74	0.50	1.00
C66	CONDUIT	235.88	0	01:05	2.04	0.33	0.68
C66Stan	CONDUIT	346.93	0	00:57	0.79	0.42	1.00
C67-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C67Stan	CONDUIT	41.06	0	00:50	0.51	0.37	1.00
C68	CONDUIT	267.80	0	00:44	0.46	0.03	0.23
C68Stan	CONDUIT	267.80	0	00:44	0.46	0.03	0.23
C69	CONDUIT	506.93	0	00:49	0.51	0.03	0.29
C6-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
C6Stan	CONDUIT	2777.12	0	00:56	1.53	0.39	0.54
C7	CONDUIT	3552.55	0	00:42	3.39	1.15	0.90
C70	CONDUIT	506.48	0	00:52	0.54	0.03	0.42
C71	CONDUIT	2205.06	0	00:50	0.95	0.14	0.49
C72	CONDUIT	2206.23	0	00:51	1.18	0.14	0.43
C72-SStan	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C72Stan	CONDUIT	73.99	0	00:51	0.67	0.19	1.00
C73	CONDUIT	2209.19	0	00:52	1.17	0.14	0.43
C74	CONDUIT	2313.63	0	00:53	1.20	0.14	0.44
C75	CONDUIT	2306.14	0	00:53	1.02	0.14	0.58
C76	CONDUIT	2441.19	0	00:55	1.00	0.22	0.73
C77	CONDUIT	2478.37	0	00:56	1.36	0.19	0.86
C78	CONDUIT	120.09	0	01:04	0.61	0.24	0.31
C78_ADD	CONDUIT	2239.51	0	00:46	1.14	0.28	0.68
C79	CONDUIT	128.67	0	00:47	0.33	0.05	0.40
C7-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C7Stan	CONDUIT	2777.06	0	00:56	1.81	0.25	0.48
C8	CONDUIT	7316.06	0	02:05	1.86	0.24	0.47
C80	CONDUIT	178.97	0	00:48	0.56	0.22	0.40
C81	CONDUIT	186.53	0	00:48	0.17	0.03	0.57
C83	CONDUIT	288.91	0	00:42	0.69	0.05	0.38
C84	CONDUIT	9.83	0	02:22	0.82	0.03	0.14
C85	CONDUIT	9.83	0	02:26	0.79	0.02	0.13
C86	CONDUIT	1423.08	0	00:51	5.66	2.86	0.60
C87	CONDUIT	4602.09	0	01:06	2.19	1.61	1.00
C88	CONDUIT	141.88	0	01:05	0.86	0.15	0.46
C88_ADD	CONDUIT	514.53	0	00:46	7.70	0.97	0.90
C88-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C88Stan	CONDUIT	141.88	0	01:05	0.86	0.15	0.46
C89	CONDUIT	215.96	0	00:40	1.20	0.26	0.51
C89_ADD	CONDUIT	7.23	0	00:39	0.39	0.04	1.00
C89Stan	CONDUIT	215.96	0	00:40	1.20	0.26	0.51
C8Stan	CONDUIT	2776.44	0	00:57	1.00	0.21	0.73
C9	CONDUIT	8142.95	0	01:39	2.76	0.10	0.60
C90_ADD	CONDUIT	963.46	0	00:42	2.23	1.86	0.79
C91_1_ADD	CONDUIT	2212.39	0	00:47	1.02	0.67	0.76
C91_2_ADD	CONDUIT	2367.88	0	00:54	1.26	0.71	0.64
C91_3_ADD	CONDUIT	380.17	0	00:55	0.98	0.05	0.24
C91_4_ADD	CONDUIT	361.60	0	00:59	0.32	0.04	0.48
C91_ADD	CONDUIT	571.39	0	00:40	3.17	0.42	0.61
C92_ADD	CONDUIT	564.79	0	00:40	3.25	0.87	0.59
C93_ADD	CONDUIT	784.66	0	00:40	1.45	0.05	0.32
C94_ADD	CONDUIT	1283.49	0	00:00	1.89	0.19	0.53
C95_ADD	CONDUIT	848.14	0	00:50	1.37	0.08	0.32

C99_ADD	CONDUIT	673.07	0	00:40	2.09	1.26	0.51
C9Stan	CONDUIT	2630.34	0	01:04	1.16	0.23	0.63
GCC1	CONDUIT	1203.98	0	00:50	1.07	0.17	0.73
GCC10	CONDUIT	0.00	0	00:00	0.00	0.00	0.16
GCC11	CONDUIT	144.10	0	00:56	1.18	1.22	0.72
GCC12	CONDUIT	281.12	0	00:41	2.55	0.66	1.00
GCC13	CONDUIT	1.17	0	00:37	0.48	0.05	0.32
GCC13-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
GCC15	CONDUIT	34.51	0	00:54	2.80	0.06	0.17
GCC17	CONDUIT	163.80	0	00:41	2.32	0.91	1.00
GCC18	CONDUIT	1170.17	0	00:41	3.79	22.72	0.84
GCC19	CONDUIT	215.76	0	00:41	1.36	0.68	1.00
GCC2	CONDUIT	3992.90	0	01:03	2.00	2.17	0.55
GCC20	CONDUIT	200.83	0	01:22	1.82	2.02	1.00
GCC21	CONDUIT	200.87	0	01:22	1.26	1.57	1.00
GCC22	CONDUIT	529.32	0	00:41	1.83	1.08	1.00
GCC23	CONDUIT	140.33	0	00:48	1.42	0.76	0.71
GCC23-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
GCC24	CONDUIT	766.48	0	01:15	1.90	0.47	1.00
GCC25	CONDUIT	7771.94	0	00:42	7.26	0.39	0.98
GCC26	CONDUIT	770.59	0	01:18	2.65	0.53	1.00
GCC27	CONDUIT	32.42	0	00:39	0.69	0.24	0.77
GCC29	CONDUIT	521.99	0	00:40	2.80	0.65	1.00
GCC29-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
GCC3	CONDUIT	4127.79	0	01:02	1.27	2.33	0.38
GCC30	CONDUIT	576.66	0	00:42	0.43	0.12	0.53
GCC31	CONDUIT	899.87	0	00:44	0.75	0.09	0.81
GCC32	CONDUIT	3449.27	0	00:53	0.48	0.47	0.85
GCC33	CONDUIT	10202.59	0	00:51	1.54	0.41	0.70
GCC34	CONDUIT	12044.93	0	00:45	2.27	0.47	0.66
GCC35	CONDUIT	5205.90	0	01:03	2.14	1.30	0.75
GCC36	CONDUIT	7598.34	0	00:42	2.34	1.30	1.00
GCC38	CONDUIT	234.45	0	02:00	0.74	0.01	0.20
GCC39	CONDUIT	2805.31	0	00:43	1.62	0.37	0.93
GCC4	CONDUIT	102.33	0	00:53	0.07	0.01	0.86
GCC40	CONDUIT	556.23	0	00:41	1.08	0.06	0.93
GCC41	CONDUIT	961.39	0	00:46	1.85	0.07	0.62
GCC42	CONDUIT	477.31	0	00:42	1.01	0.04	0.66
GCC43	CONDUIT	2872.23	0	00:56	1.85	0.83	0.91
GCC44	CONDUIT	3813.38	0	01:04	2.58	2.14	0.78
GCC45	CONDUIT	10411.95	0	00:41	3.14	1.50	0.90
GCC46	CONDUIT	5433.01	0	00:42	0.82	0.74	0.68
GCC47	CONDUIT	221.43	0	00:51	1.26	0.18	0.27
GCC48	CONDUIT	63.47	0	00:45	1.01	0.04	0.16
GCC49	CONDUIT	221.21	0	00:54	1.03	0.01	0.15
GCC5	CONDUIT	0.00	0	00:00	0.00	0.00	0.06
GCC50	CONDUIT	938.12	0	00:40	1.59	0.05	0.38
GCC51	CONDUIT	672.81	0	00:55	0.38	0.15	0.71
GCC52	CONDUIT	1210.45	0	00:48	1.98	1.19	0.73
GCC53	CONDUIT	26.06	0	00:53	0.30	0.03	0.48
GCC54	CONDUIT	1494.01	0	00:40	3.92	0.98	0.90
GCC54-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
GCC55	CONDUIT	3646.38	0	00:41	4.34	0.99	1.00
GCC55-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
GCC56	CONDUIT	126.00	0	00:45	2.44	0.62	0.69
GCC57	CONDUIT	73.58	0	00:48	1.09	1.06	1.00
GCC58	CONDUIT	261.86	0	00:40	1.77	0.25	0.49
GCC59	CONDUIT	256.51	0	00:40	1.97	0.01	0.38
GCC6	CONDUIT	0.00	0	00:00	0.00	0.00	0.14
GCC60	CONDUIT	378.39	0	00:59	1.98	0.30	0.27
GCC61	CONDUIT	74.26	0	00:40	1.30	0.51	0.75
GCC61-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
GCC62	CONDUIT	298.86	0	00:38	2.71	1.43	1.00
GCC62-S	CHANNEL	1127.83	0	00:43	1.99	0.21	0.46
GCC63	CONDUIT	21.17	0	00:40	0.67	1.59	1.00
GCC63-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
GCC64	CONDUIT	37.86	0	02:30	2.32	0.07	0.30
GCC65	CONDUIT	532.81	0	00:57	1.30	0.03	0.26
GCC66	CONDUIT	530.99	0	01:00	1.04	0.08	0.28
GCC67	CONDUIT	612.02	0	01:01	0.30	0.01	0.34
GCC68	CONDUIT	528.66	0	00:42	1.05	0.03	0.93
GCC7	CONDUIT	73.19	0	00:40	2.15	0.46	0.49
GCC70	CONDUIT	285.08	0	00:44	0.58	0.02	0.56
GCC71	CONDUIT	262.61	0	00:42	0.57	0.01	0.22
GCC72	CONDUIT	0.00	0	00:00	0.00	0.00	0.00

GCC73	CONDUIT	0.00	0	00:00	0.00	0.00	0.06
GCC74	CONDUIT	32.21	0	00:51	0.08	0.02	0.27
GCC75	CONDUIT	129.47	0	01:27	2.77	1.96	0.68
GCC8	CONDUIT	1.04	0	00:35	0.08	0.00	0.30
GCC9	CONDUIT	71.08	0	00:40	1.52	0.25	0.41
HPC1	CONDUIT	25.90	0	00:42	1.39	1.24	1.00
HPC14	CONDUIT	2206.80	0	00:51	1.60	0.92	0.59
HPC15	CONDUIT	4992.84	0	00:56	2.81	1.32	0.91
HPC19	CONDUIT	7474.47	0	00:54	1.24	0.48	0.69
HPC2	CONDUIT	105.42	0	00:42	0.98	1.82	1.00
HPC20	CONDUIT	36.81	0	00:43	0.77	0.54	0.45
HPC21_1	CONDUIT	4832.24	0	00:56	1.03	0.19	0.79
HPC21_2	CONDUIT	211.98	0	00:42	0.36	0.01	0.13
HPC22	CONDUIT	108.65	0	00:42	1.35	3.38	0.68
HPC24	CONDUIT	106.59	0	00:42	1.38	0.22	0.66
HPC25	CONDUIT	106.51	0	00:42	0.96	1.39	1.00
HPC26	CONDUIT	457.07	0	00:48	0.36	0.01	0.24
HPC27	CONDUIT	212.29	0	00:48	1.50	0.11	0.18
HPC28	CONDUIT	433.51	0	00:40	0.99	0.01	0.24
HPC29	CONDUIT	522.75	0	00:46	1.17	0.21	0.28
HPC3	CONDUIT	1126.33	0	00:43	1.91	0.11	0.47
HPC35_1	CONDUIT	929.65	0	00:55	0.52	0.03	0.35
HPC36	CONDUIT	83.26	0	00:41	0.95	0.65	1.00
HPC37	CONDUIT	81.05	0	00:40	2.07	0.30	0.20
HPC38	CONDUIT	328.71	0	00:41	2.14	0.37	0.35
HPC39	CONDUIT	209.13	0	00:43	0.54	0.01	0.35
HPC4	CONDUIT	240.87	0	00:48	0.68	0.02	0.32
HPC40	CONDUIT	97.29	0	00:40	0.22	0.00	0.12
HPC42	CONDUIT	81.01	0	00:40	0.17	0.00	0.13
HPC43	CONDUIT	210.89	0	00:40	1.48	0.62	0.73
HPC44	CONDUIT	221.81	0	01:09	1.51	37.63	0.87
HPC45	CONDUIT	585.87	0	01:09	0.55	0.02	0.19
HPC46	CONDUIT	383.30	0	00:40	0.33	0.05	0.30
HPC47	CONDUIT	447.90	0	00:40	0.51	0.01	0.28
HPC48	CONDUIT	1057.17	0	00:42	0.51	0.10	0.37
HPC49	CONDUIT	1382.10	0	01:05	1.82	0.49	0.43
HPC5	CONDUIT	2113.32	0	01:09	1.69	0.07	0.35
HPC6	CONDUIT	1819.79	0	01:08	0.74	0.09	0.33
SRM1	CONDUIT	202.93	0	00:48	2.97	1.15	1.00
SRM1000	CONDUIT	1180.52	0	00:40	2.86	0.55	0.89
SRM1002	CONDUIT	2857.11	0	00:02	4.52	0.81	1.00
SRM1008	CONDUIT	34.21	0	00:39	0.40	0.40	1.00
SRM101	CONDUIT	859.68	0	00:41	5.21	0.34	0.40
SRM1012	CONDUIT	63.74	0	00:40	0.41	0.56	1.00
SRM1013	CONDUIT	190.84	0	00:40	1.34	1.73	0.84
SRM1014	CONDUIT	105.76	0	00:40	1.04	1.56	0.92
SRM1015	CONDUIT	108.50	0	00:39	1.03	1.59	1.00
SRM1017	CONDUIT	81.53	0	00:40	0.80	1.06	0.93
SRM1018	CONDUIT	62.95	0	00:41	0.81	0.94	0.71
SRM102	CONDUIT	9.54	0	00:51	0.69	0.07	0.18
SRM103	CONDUIT	562.57	0	00:40	2.20	1.08	0.85
SRM104	CONDUIT	564.08	0	00:41	2.71	0.82	0.69
SRM1040	CONDUIT	372.08	0	00:40	2.35	1.93	0.58
SRM105	CONDUIT	565.30	0	00:41	4.09	0.55	0.62
SRM1053	CONDUIT	31.41	0	00:40	0.29	0.13	1.00
SRM106	CONDUIT	233.09	0	02:06	2.32	0.20	0.21
SRM107_2	CONDUIT	233.09	0	02:06	1.54	0.15	0.29
SRM108	CONDUIT	39.46	0	00:39	0.80	0.66	1.00
SRM109	CONDUIT	479.31	0	00:51	2.21	1.27	1.00
SRM109-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM110	CONDUIT	615.47	0	00:49	1.39	1.12	1.00
SRM111	CONDUIT	278.81	0	00:46	1.29	1.45	1.00
SRM112	CONDUIT	583.76	0	00:50	1.32	1.12	1.00
SRM114	CONDUIT	284.34	0	00:41	2.58	1.25	1.00
SRM116	CONDUIT	857.13	0	00:48	3.03	1.27	1.00
SRM120	CONDUIT	998.42	0	00:45	3.53	1.30	1.00
SRM120-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM121	CONDUIT	1.80	0	00:46	0.50	0.02	0.54
SRM122	CONDUIT	995.40	0	00:46	3.52	1.34	1.00
SRM122-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM123	CONDUIT	1015.29	0	00:54	3.65	0.84	1.00
SRM123-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM124	CONDUIT	1060.41	0	00:45	3.75	1.43	1.00
SRM124-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
SRM125	CONDUIT	320.00	0	00:40	1.91	0.83	0.93

SRM125-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM13	CONDUIT	500.26	0	00:40	2.00	0.98	1.00
SRM130	CONDUIT	571.40	0	00:54	1.29	1.63	1.00
SRM1306	CONDUIT	63.40	0	00:42	0.90	1.59	1.00
SRM1306-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM1308	CONDUIT	57.50	0	00:40	0.81	1.48	1.00
SRM1308-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
SRM1309	CONDUIT	41.53	0	02:27	0.59	0.98	1.00
SRM1309-S	CHANNEL	477.47	0	02:27	0.72	0.54	1.00
SRM131	CONDUIT	571.42	0	00:54	1.29	1.61	1.00
SRM1310	CONDUIT	25.29	0	00:36	0.36	1.10	1.00
SRM132	CONDUIT	659.27	0	00:55	1.49	1.88	1.00
SRM134	CONDUIT	59.51	0	00:40	0.84	0.74	1.00
SRM136	CONDUIT	183.90	0	00:38	2.60	1.41	1.00
SRM136-S	CHANNEL	283.38	0	00:41	1.24	0.05	0.26
SRM137	CONDUIT	121.45	0	00:39	1.79	0.84	1.00
SRM137-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM138	CONDUIT	126.05	0	00:40	1.94	0.77	0.87
SRM138-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM139	CONDUIT	145.48	0	00:45	2.08	1.84	0.97
SRM139-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM13-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM14	CONDUIT	812.15	0	00:45	2.52	0.58	1.00
SRM142	CONDUIT	371.63	0	00:59	1.33	0.28	0.36
SRM144	CONDUIT	422.66	0	00:44	3.89	1.16	1.00
SRM144-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM145	CONDUIT	260.72	0	00:37	2.36	3.98	1.00
SRM145-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM146	CONDUIT	223.14	0	00:42	2.02	1.23	1.00
SRM146-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM147	CONDUIT	12.65	0	00:40	0.82	0.16	0.27
SRM148	CONDUIT	159.14	0	00:40	2.26	1.12	1.00
SRM148-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM149	CONDUIT	262.80	0	00:39	2.52	1.01	1.00
SRM149-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM14-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.23
SRM150	CONDUIT	24.69	0	00:42	0.38	0.58	1.00
SRM151	CONDUIT	1060.41	0	00:45	3.75	1.34	1.00
SRM151-S	CHANNEL	1.63	0	00:42	0.00	0.00	0.51
SRM152	CONDUIT	249.87	0	00:40	1.93	0.63	0.65
SRM152-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM153	CONDUIT	0.00	0	00:00	0.00	0.00	0.20
SRM154	CONDUIT	1301.80	0	00:47	3.00	1.22	0.95
SRM155	CONDUIT	1300.78	0	00:46	3.55	0.94	0.83
SRM156	CONDUIT	1307.22	0	00:49	3.30	0.99	0.95
SRM158	CONDUIT	6463.21	0	00:42	4.21	0.80	0.82
SRM158-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM16	CONDUIT	793.34	0	00:45	3.22	0.95	1.00
SRM162	CONDUIT	229.83	0	00:40	3.52	0.51	0.60
SRM162-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM163	CONDUIT	481.14	0	00:40	3.87	0.75	0.74
SRM163-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM164	CONDUIT	839.24	0	00:40	4.65	0.93	0.88
SRM164-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM165	CONDUIT	750.83	0	00:39	3.80	1.01	1.00
SRM165-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM166	CONDUIT	754.60	0	00:39	3.66	1.07	1.00
SRM166-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM168	CONDUIT	798.09	0	00:42	3.69	1.11	1.00
SRM168-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM16-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM17	CONDUIT	537.55	0	00:57	1.98	0.77	1.00
SRM170	CONDUIT	1175.43	0	00:41	2.66	0.91	1.00
SRM170-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM171	CONDUIT	255.00	0	01:04	1.60	1.72	1.00
SRM1710	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1711	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1712	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1713	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1714	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1715	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1716	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1717	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1718	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1719	CONDUIT	0.00	0	00:00	0.00	0.00	0.00

SRM171-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.14
SRM1720	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1721	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1722	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1723	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1724	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1725	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1726	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1727	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1728	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1729	CONDUIT	0.00	0	00:00	0.00	0.00	0.24
SRM1730	CONDUIT	5.06	0	00:47	0.22	0.26	1.00
SRM1731	CONDUIT	2.58	0	00:55	0.12	0.12	1.00
SRM1732	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1733	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1734	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1735	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM1736	CONDUIT	8.85	0	00:44	0.26	0.02	1.00
SRM1737	CONDUIT	475.46	0	00:00	1.76	0.36	1.00
SRM1738	CONDUIT	735.78	0	00:00	1.77	0.43	1.00
SRM1739	CONDUIT	1.40	0	01:58	0.02	0.01	0.53
SRM1740	CONDUIT	56.18	0	00:01	0.69	0.16	1.00
SRM1741	CONDUIT	215.71	0	00:01	1.48	0.51	1.00
SRM1743	CONDUIT	28.03	0	02:30	1.13	0.21	0.23
SRM1744	CONDUIT	9.83	0	02:25	0.86	0.05	0.12
SRM176	CONDUIT	91.35	0	00:40	2.54	0.30	0.36
SRM176-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM178	CONDUIT	968.83	0	00:41	3.91	1.00	0.91
SRM178-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM179	CONDUIT	1049.38	0	00:41	3.28	0.81	0.68
SRM179-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM18	CONDUIT	293.30	0	00:39	2.82	1.07	1.00
SRM180	CONDUIT	865.04	0	00:41	3.87	0.89	0.74
SRM180-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM181	CONDUIT	809.34	0	00:43	3.61	0.90	0.74
SRM181-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM19	CONDUIT	318.36	0	00:39	2.88	1.17	1.00
SRM195	CONDUIT	337.75	0	00:38	2.12	2.37	1.00
SRM195-S	CHANNEL	216.19	0	00:40	0.81	0.05	0.29
SRM196	CONDUIT	276.39	0	00:38	1.74	1.97	1.00
SRM196-S	CHANNEL	260.25	0	00:41	0.69	0.08	0.65
SRM197	CONDUIT	547.77	0	00:43	3.44	3.08	1.00
SRM197-S	CHANNEL	826.00	0	00:43	0.75	0.31	0.78
SRM198	CONDUIT	261.27	0	01:10	1.64	1.53	1.00
SRM198-S	CHANNEL	141.33	0	00:49	0.42	0.10	0.32
SRM199	CONDUIT	465.46	0	00:38	2.15	1.85	1.00
SRM199-S	CHANNEL	208.50	0	00:48	0.33	0.16	0.50
SRM1-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM2	CONDUIT	198.01	0	00:38	2.95	1.06	1.00
SRM20	CONDUIT	887.17	0	00:46	3.14	1.21	1.00
SRM200	CONDUIT	600.61	0	00:45	2.12	1.48	1.00
SRM200-S	CHANNEL	54.57	0	00:49	0.58	0.01	0.17
SRM201	CONDUIT	613.82	0	00:46	2.17	1.78	1.00
SRM201-S	CHANNEL	39.56	0	00:51	0.47	0.01	0.16
SRM202	CONDUIT	691.15	0	00:43	1.93	1.14	1.00
SRM202-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM204	CONDUIT	858.04	0	00:51	1.94	1.79	1.00
SRM204-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM206	CONDUIT	140.81	0	00:40	1.27	1.06	1.00
SRM206-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM208	CONDUIT	1000.81	0	00:42	1.59	1.85	1.00
SRM208-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM209	CONDUIT	1119.59	0	00:50	2.05	1.57	0.80
SRM209-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM21	CONDUIT	62.98	0	00:40	1.38	0.63	1.00
SRM214	CONDUIT	49.22	0	00:37	0.72	0.22	1.00
SRM215	CONDUIT	1890.33	0	00:42	2.46	1.55	0.83
SRM215-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
SRM216	CONDUIT	97.86	0	00:38	1.38	2.13	1.00
SRM216-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.26
SRM218	CONDUIT	91.87	0	00:40	0.83	1.05	1.00
SRM218-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.15
SRM219	CONDUIT	1324.97	0	00:51	1.53	1.46	1.00
SRM219-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM22	CONDUIT	930.30	0	00:45	3.29	1.27	1.00

SRM220	CONDUIT	42.25	0	00:54	0.38	0.41	1.00
SRM220-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.30
SRM221	CONDUIT	1090.29	0	00:55	1.71	1.21	1.00
SRM221-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM222	CONDUIT	1180.74	0	00:54	1.86	1.20	1.00
SRM222-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM223	CONDUIT	113.72	0	00:39	1.03	2.12	1.00
SRM223-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM224	CONDUIT	1043.81	0	00:55	2.36	1.64	1.00
SRM224-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.37
SRM225	CONDUIT	912.40	0	00:40	2.07	2.09	1.00
SRM225-S	CHANNEL	294.45	0	00:47	0.57	0.08	0.53
SRM227	CONDUIT	57.86	0	00:40	0.53	0.65	1.00
SRM227-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.13
SRM228	CONDUIT	1386.89	0	00:48	1.60	1.11	1.00
SRM228-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM229	CONDUIT	1378.37	0	00:48	1.65	1.29	1.00
SRM229-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM23	CONDUIT	1301.77	0	00:47	2.95	1.14	1.00
SRM230	CONDUIT	1512.00	0	00:42	1.75	1.46	1.00
SRM230-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM231	CONDUIT	1533.79	0	00:42	1.78	1.41	0.99
SRM231-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM232	CONDUIT	1693.38	0	00:42	1.99	1.91	0.96
SRM232-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM233	CONDUIT	218.05	0	00:45	1.01	0.90	1.00
SRM233-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM238	CONDUIT	64.33	0	00:41	0.62	0.59	1.00
SRM238-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM239	CONDUIT	138.76	0	00:40	0.87	1.53	1.00
SRM239-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM24	CONDUIT	198.08	0	00:41	2.80	0.94	1.00
SRM240	CONDUIT	231.01	0	00:41	1.52	1.78	0.92
SRM240-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM242	CONDUIT	337.11	0	00:45	1.68	1.77	0.87
SRM242-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM243	CONDUIT	308.37	0	00:44	1.42	1.45	1.00
SRM243-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM244	CONDUIT	472.38	0	00:40	3.00	1.06	1.00
SRM244-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM245	CONDUIT	1342.82	0	00:40	3.66	0.89	0.82
SRM245-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM246	CONDUIT	3609.32	0	00:40	4.76	0.98	0.82
SRM246-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM247	CONDUIT	3718.03	0	00:40	4.75	1.01	0.85
SRM247-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM248	CONDUIT	3694.59	0	00:40	4.66	1.03	0.94
SRM248-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM249	CONDUIT	3769.28	0	00:40	4.58	1.02	1.00
SRM249-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM25	CONDUIT	235.26	0	02:00	1.25	0.18	0.30
SRM250	CONDUIT	336.33	0	00:41	1.36	1.49	0.82
SRM250-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM251	CONDUIT	28.52	0	00:46	1.23	0.83	0.75
SRM251-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM252	CONDUIT	40.99	0	00:40	0.75	0.87	0.72
SRM253	CONDUIT	166.48	0	00:40	1.85	0.93	0.76
SRM253-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM254	CONDUIT	84.53	0	00:41	2.37	0.51	0.50
SRM254-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM255	CONDUIT	84.50	0	00:41	2.33	0.50	0.62
SRM255-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM256	CONDUIT	354.07	0	00:40	2.49	1.01	0.91
SRM256-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM257	CONDUIT	377.25	0	00:40	1.75	1.26	1.00
SRM257-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM258	CONDUIT	290.92	0	00:40	1.83	1.74	1.00
SRM258-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM259	CONDUIT	46.72	0	00:40	1.49	2.08	1.00
SRM259-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM26	CONDUIT	281.10	0	00:41	2.88	1.00	0.93
SRM261	CONDUIT	742.23	0	00:41	1.68	1.40	1.00
SRM261-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.11
SRM262	CONDUIT	691.27	0	00:43	1.56	1.15	1.00
SRM262-S	CHANNEL	68.28	0	00:46	0.30	0.02	0.27

SRM263	CONDUIT	148.38	0	00:39	0.39	0.27	1.00
SRM263-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM264	CONDUIT	191.16	0	00:58	1.20	1.42	1.00
SRM264-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.32
SRM266	CONDUIT	228.79	0	00:45	1.44	1.47	1.00
SRM266-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM267	CONDUIT	123.11	0	00:38	1.74	1.98	1.00
SRM267-S	CHANNEL	125.29	0	00:42	0.61	0.04	0.25
SRM268	CONDUIT	196.19	0	00:41	1.78	1.56	1.00
SRM268-S	CHANNEL	27.64	0	00:44	0.44	0.01	0.14
SRM269	CONDUIT	111.03	0	00:37	1.57	1.31	1.00
SRM269-S	CHANNEL	134.17	0	00:40	0.61	0.03	0.48
SRM27	CONDUIT	6622.14	0	00:42	3.96	1.14	0.90
SRM270	CONDUIT	311.97	0	00:42	4.86	2.52	1.00
SRM270-S	CHANNEL	742.65	0	00:43	0.82	0.29	0.66
SRM272	CONDUIT	53.93	0	00:39	0.61	1.25	1.00
SRM272-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.14
SRM273	CONDUIT	34.72	0	00:37	0.49	0.45	1.00
SRM274	CONDUIT	76.46	0	00:38	0.69	0.97	1.00
SRM274-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM275	CONDUIT	77.44	0	00:40	0.71	0.99	1.00
SRM275-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.06
SRM276	CONDUIT	55.82	0	01:25	0.51	0.60	1.00
SRM276-S	CHANNEL	43.75	0	00:40	0.13	0.12	1.00
SRM277	CONDUIT	118.95	0	00:40	1.08	1.52	1.00
SRM277-S	CHANNEL	19.00	0	00:53	0.03	0.01	0.56
SRM28	CONDUIT	1307.67	0	00:49	2.98	1.00	1.00
SRM280	CONDUIT	5717.92	0	00:48	3.45	1.10	0.93
SRM280-S	CHANNEL	2.34	0	00:47	0.24	0.00	0.06
SRM281	CONDUIT	5857.29	0	00:48	3.54	1.04	0.89
SRM281-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM283	CONDUIT	5929.21	0	00:48	3.53	1.06	0.91
SRM283-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM284	CONDUIT	5972.54	0	00:50	3.54	1.07	0.95
SRM284-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM287	CONDUIT	56.33	0	00:55	1.80	1.12	1.00
SRM287-S	CHANNEL	131.10	0	00:40	0.87	0.02	0.23
SRM288	CONDUIT	225.16	0	00:56	2.19	0.06	0.18
SRM289	CONDUIT	174.53	0	00:38	2.86	0.95	1.00
SRM289-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM290	CONDUIT	179.94	0	00:37	2.74	0.97	1.00
SRM290-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM291	CONDUIT	246.98	0	00:42	3.49	1.34	1.00
SRM291-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM292	CONDUIT	529.70	0	00:43	1.90	1.22	1.00
SRM293	CONDUIT	414.46	0	00:40	2.70	1.08	1.00
SRM293-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM298	CONDUIT	108.79	0	00:38	2.35	1.03	1.00
SRM298-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.37
SRM299	CONDUIT	211.76	0	00:45	1.92	2.63	1.00
SRM299-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM2-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM3	CONDUIT	108.60	0	00:51	1.68	1.00	1.00
SRM30	CONDUIT	940.93	0	00:45	2.71	0.96	0.80
SRM300	CONDUIT	252.84	0	00:43	1.59	2.05	1.00
SRM300-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM301	CONDUIT	281.99	0	00:42	1.30	1.48	1.00
SRM301-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM303	CONDUIT	159.03	0	00:40	1.14	0.69	1.00
SRM303-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM304	CONDUIT	434.07	0	00:41	1.24	1.75	1.00
SRM304-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM307	CONDUIT	69.85	0	00:46	1.47	2.53	0.93
SRM307-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM308	CONDUIT	100.97	0	00:40	1.19	0.63	0.53
SRM308-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM31	CONDUIT	1396.32	0	00:40	1.97	0.26	1.00
SRM310	CONDUIT	66.52	0	01:03	1.01	1.35	0.91
SRM310-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM312	CONDUIT	138.38	0	00:57	1.06	0.61	0.77
SRM312-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM313	CONDUIT	54.76	0	00:37	1.17	0.93	1.00
SRM313-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM314	CONDUIT	139.31	0	00:47	2.00	2.59	0.96
SRM314-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00

SRM315	CONDUIT	48.11	0	00:50	0.98	1.01	1.00
SRM315-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM316	CONDUIT	564.53	0	00:50	2.80	1.07	1.00
SRM316-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM317	CONDUIT	2010.95	0	00:42	3.22	1.26	0.95
SRM318	CONDUIT	515.16	0	00:40	2.55	1.07	1.00
SRM318-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM319	CONDUIT	103.16	0	00:39	1.84	0.73	1.00
SRM32	CONDUIT	235.89	0	01:04	3.21	0.18	0.34
SRM320	CONDUIT	72.47	0	00:40	1.96	0.49	0.71
SRM321	CONDUIT	261.95	0	00:44	1.65	1.10	1.00
SRM321-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM322	CONDUIT	204.80	0	00:41	1.85	1.66	1.00
SRM322-S	CHANNEL	22.70	0	00:44	0.44	0.01	0.13
SRM323	CONDUIT	207.00	0	00:40	1.87	2.10	1.00
SRM323-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.06
SRM325	CONDUIT	173.39	0	00:40	2.73	0.89	1.00
SRM325-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.06
SRM326	CONDUIT	215.70	0	00:40	3.05	1.15	1.00
SRM326-S	CHANNEL	40.27	0	00:41	0.90	0.01	0.12
SRM327	CONDUIT	44.71	0	00:40	1.88	0.29	0.65
SRM327-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM328	CONDUIT	74.43	0	00:38	1.17	1.08	1.00
SRM328-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM329	CONDUIT	177.99	0	00:38	2.61	0.90	1.00
SRM329-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.03
SRM33	CONDUIT	70.87	0	00:40	1.74	0.09	0.44
SRM332	CONDUIT	100.75	0	00:36	1.46	1.04	1.00
SRM332-S	CHANNEL	3.56	0	00:45	0.26	0.00	0.07
SRM334	CONDUIT	43.28	0	00:39	0.65	0.58	1.00
SRM335	CONDUIT	490.06	0	00:45	3.08	1.18	1.00
SRM335-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM336	CONDUIT	548.03	0	00:40	2.71	1.06	0.91
SRM336-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM337	CONDUIT	695.10	0	00:40	2.90	0.73	0.64
SRM337-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM338	CONDUIT	385.90	0	00:39	1.46	1.00	1.00
SRM338-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM339	CONDUIT	451.57	0	00:39	1.62	1.14	1.00
SRM339-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM341	CONDUIT	150.91	0	00:40	1.45	1.03	0.96
SRM341-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM342	CONDUIT	124.01	0	00:44	1.12	3.54	1.00
SRM342-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM343	CONDUIT	133.27	0	00:39	1.92	0.96	1.00
SRM343-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM345	CONDUIT	40.87	0	00:43	2.31	2.42	1.00
SRM345-S	CHANNEL	47.17	0	00:40	0.57	0.01	0.16
SRM346	CONDUIT	759.15	0	00:40	2.72	0.77	0.75
SRM346-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM347	CONDUIT	984.71	0	00:40	3.17	1.00	0.87
SRM347-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM349	CONDUIT	623.25	0	00:41	2.27	1.24	0.98
SRM350	CONDUIT	72.85	0	00:58	1.14	1.19	0.88
SRM351	CONDUIT	1615.82	0	00:40	5.52	0.93	0.77
SRM351-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM352	CONDUIT	1615.48	0	00:40	5.79	0.38	0.45
SRM352-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM353	CONDUIT	1785.79	0	00:40	4.41	0.65	0.61
SRM353-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM354	CONDUIT	1846.66	0	00:40	3.73	0.77	0.83
SRM354-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM355	CONDUIT	6257.77	0	00:42	3.73	1.16	0.91
SRM355-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM356	CONDUIT	4510.66	0	00:40	3.07	0.69	0.81
SRM356-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM363	CONDUIT	195.66	0	00:40	2.05	0.65	1.00
SRM363-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM364	CONDUIT	153.27	0	00:40	1.48	1.33	1.00
SRM364-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM366	CONDUIT	3512.92	0	00:40	4.64	1.00	0.82
SRM366-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM368	CONDUIT	417.36	0	00:56	2.96	0.72	0.76
SRM368-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM369	CONDUIT	797.50	0	00:40	3.10	0.96	0.85

SRM369-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM371	CONDUIT	4011.53	0	00:41	4.66	1.09	1.00
SRM371-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM372	CONDUIT	4071.93	0	00:41	4.78	1.11	1.00
SRM372-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM374	CONDUIT	102.06	0	00:35	1.44	1.06	1.00
SRM374-S	CHANNEL	498.13	0	00:40	1.13	0.13	0.39
SRM376	CONDUIT	108.11	0	00:38	1.53	1.04	1.00
SRM376-S	CHANNEL	81.95	0	00:40	0.73	0.02	0.19
SRM377	CONDUIT	194.95	0	00:37	1.23	1.17	1.00
SRM377-S	CHANNEL	719.60	0	00:42	0.75	0.12	0.69
SRM378	CONDUIT	173.49	0	00:46	1.11	1.00	1.00
SRM378-S	CHANNEL	402.87	0	00:42	1.10	0.08	0.34
SRM379	CONDUIT	131.40	0	01:03	0.83	1.58	1.00
SRM379-S	CHANNEL	344.85	0	00:42	0.81	0.14	0.38
SRM381	CONDUIT	297.56	0	00:39	1.87	0.97	1.00
SRM381-S	CHANNEL	42.42	0	00:40	0.24	0.01	0.25
SRM382	CONDUIT	46.51	0	00:37	0.66	2.53	1.00
SRM382-S	CHANNEL	161.85	0	00:40	0.43	0.10	0.36
SRM383	CONDUIT	20.46	0	00:38	0.34	0.35	1.00
SRM383-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.15
SRM387	CONDUIT	106.75	0	00:38	1.51	1.20	1.00
SRM387-S	CHANNEL	371.15	0	00:42	0.86	0.13	0.39
SRM388	CONDUIT	175.71	0	01:45	4.64	4.06	1.00
SRM388-S	CHANNEL	978.99	0	01:53	0.92	0.24	0.79
SRM390	CONDUIT	362.39	0	00:42	0.87	0.65	1.00
SRM390-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM391	CONDUIT	342.14	0	00:42	0.82	0.63	1.00
SRM391-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM393	CONDUIT	187.79	0	00:38	3.12	2.81	1.00
SRM393-S	CHANNEL	435.18	0	00:40	0.96	0.14	0.40
SRM394	CONDUIT	541.06	0	00:40	7.65	1.18	1.00
SRM394-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM395	CONDUIT	504.13	0	00:40	3.17	0.29	1.00
SRM395-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
SRM396	CONDUIT	759.23	0	00:39	4.21	0.43	1.00
SRM396-S	CHANNEL	237.22	0	01:08	0.19	0.10	1.00
SRM3-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM4	CONDUIT	103.96	0	00:39	1.54	1.12	1.00
SRM400	CONDUIT	178.49	0	00:40	2.53	3.54	1.00
SRM400-S	CHANNEL	824.40	0	00:42	0.85	0.10	0.72
SRM402	CONDUIT	82.86	0	00:41	1.17	4.52	1.00
SRM403	CONDUIT	240.94	0	00:43	0.62	0.83	1.00
SRM405	CONDUIT	21.16	0	00:40	0.45	0.72	1.00
SRM406	CONDUIT	61.62	0	00:41	0.89	25.42	1.00
SRM408	CONDUIT	23.05	0	00:40	0.33	0.82	1.00
SRM410	CONDUIT	49.86	0	00:42	0.71	1.79	1.00
SRM411	CONDUIT	159.21	0	00:42	2.25	5.73	1.00
SRM411-S	CHANNEL	64.92	0	00:49	0.19	0.03	0.32
SRM414	CONDUIT	205.27	0	00:42	0.81	1.16	1.00
SRM415	CONDUIT	187.81	0	00:42	0.68	0.85	1.00
SRM420	CONDUIT	118.83	0	00:41	0.99	2.39	1.00
SRM420-S	CHANNEL	302.38	0	01:01	0.26	0.23	1.00
SRM422	CONDUIT	146.60	0	00:41	2.69	1.01	0.78
SRM422-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM424	CONDUIT	146.47	0	00:41	2.89	0.53	0.47
SRM426	CONDUIT	1285.10	0	00:43	2.96	1.17	0.95
SRM426-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM427	CONDUIT	1447.88	0	00:42	3.51	1.07	0.93
SRM427-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM428	CONDUIT	704.43	0	00:49	2.52	1.78	1.00
SRM428-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM429	CONDUIT	141.31	0	00:41	2.02	1.44	0.96
SRM429-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM430	CONDUIT	828.76	0	00:41	2.14	1.28	0.82
SRM430-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM431	CONDUIT	133.21	0	00:40	2.44	0.63	0.79
SRM431-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM432	CONDUIT	621.81	0	00:40	1.78	0.85	0.74
SRM432-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM433	CONDUIT	810.39	0	00:41	2.03	1.15	0.85
SRM433-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM434	CONDUIT	61.00	0	00:40	1.41	0.25	0.42
SRM434-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM435	CONDUIT	323.34	0	00:40	3.79	0.53	0.53

SRM435-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM436	CONDUIT	34.41	0	00:56	1.46	0.16	0.27
SRM437	CONDUIT	34.35	0	00:57	1.14	0.13	0.28
SRM438	CONDUIT	348.33	0	00:40	2.42	0.62	0.64
SRM438-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM439	CONDUIT	496.10	0	00:40	2.42	0.78	0.68
SRM439-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM440	CONDUIT	607.63	0	00:40	1.52	1.03	0.85
SRM440-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM441	CONDUIT	83.45	0	00:40	1.52	0.64	0.79
SRM441-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM442	CONDUIT	239.29	0	00:40	1.65	1.18	0.88
SRM442-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM445	CONDUIT	153.42	0	00:40	1.16	0.87	0.81
SRM445-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM448	CONDUIT	630.72	0	00:49	2.58	0.61	1.00
SRM448-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM449	CONDUIT	665.41	0	00:40	2.37	1.29	1.00
SRM449-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM450	CONDUIT	368.83	0	00:53	1.77	0.99	1.00
SRM450-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM451	CONDUIT	451.02	0	00:52	1.70	1.07	1.00
SRM451-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM452	CONDUIT	19.80	0	00:41	0.64	0.28	1.00
SRM452-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM453	CONDUIT	453.15	0	00:38	1.63	1.77	1.00
SRM453-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM454	CONDUIT	131.04	0	01:28	1.85	2.06	1.00
SRM454-S	CHANNEL	21.62	0	01:08	0.19	0.09	0.37
SRM455	CONDUIT	240.49	0	00:39	2.18	2.29	1.00
SRM455-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM456	CONDUIT	151.98	0	00:53	1.46	1.58	1.00
SRM456-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM457	CONDUIT	63.02	0	03:59	1.06	1.08	1.00
SRM458	CONDUIT	69.47	0	00:38	1.01	0.75	1.00
SRM459	CONDUIT	230.31	0	00:39	1.34	0.55	1.00
SRM459-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM46	CONDUIT	216.61	0	00:39	1.36	1.36	1.00
SRM460	CONDUIT	197.34	0	00:39	1.68	0.50	1.00
SRM460-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM461	CONDUIT	38.85	0	00:40	0.73	0.82	1.00
SRM461-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM462	CONDUIT	466.08	0	00:40	1.46	0.91	0.86
SRM462-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM463	CONDUIT	209.95	0	00:40	1.95	1.74	0.94
SRM463-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM464	CONDUIT	205.74	0	00:40	0.98	0.33	0.58
SRM464-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM465	CONDUIT	26.09	0	00:40	0.39	0.05	0.24
SRM465-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM466	CONDUIT	662.48	0	00:40	1.97	1.15	1.00
SRM466-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM467	CONDUIT	43.09	0	00:39	1.38	1.71	1.00
SRM467-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM468	CONDUIT	27.15	0	00:42	0.48	0.57	1.00
SRM469	CONDUIT	432.63	0	00:39	2.10	0.96	1.00
SRM469-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM47	CONDUIT	57.73	0	00:40	0.52	0.60	1.00
SRM470	CONDUIT	512.86	0	00:39	2.43	1.09	1.00
SRM470-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM471	CONDUIT	34.34	0	00:41	1.09	1.48	1.00
SRM471-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM472	CONDUIT	21.16	0	00:39	0.47	0.45	1.00
SRM473	CONDUIT	565.14	0	00:39	1.86	0.66	1.00
SRM473-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM474	CONDUIT	534.55	0	00:41	2.49	1.45	1.00
SRM474-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM475	CONDUIT	595.03	0	00:40	1.97	0.74	1.00
SRM475-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM476	CONDUIT	45.40	0	00:41	1.45	1.95	1.00
SRM476-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM477	CONDUIT	105.00	0	00:39	1.50	1.59	1.00
SRM477-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM478	CONDUIT	558.20	0	00:46	1.36	0.56	1.00
SRM478-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00

SRM479	CONDUIT	655.26	0	00:55	1.48	1.70	1.00
SRM479-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM48	CONDUIT	57.71	0	00:40	0.96	0.38	1.00
SRM480	CONDUIT	69.00	0	00:39	0.99	1.26	1.00
SRM480-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM481	CONDUIT	1033.18	0	00:53	1.62	1.04	1.00
SRM481-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM482	CONDUIT	23.06	0	00:38	0.82	0.99	1.00
SRM482-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM483	CONDUIT	482.51	0	00:51	2.50	1.00	1.00
SRM483-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM484	CONDUIT	97.48	0	00:43	1.38	1.37	1.00
SRM484-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM485	CONDUIT	54.98	0	00:38	0.99	0.75	1.00
SRM485-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM486	CONDUIT	29.23	0	00:40	1.56	0.63	0.71
SRM486-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM487	CONDUIT	44.15	0	00:39	1.02	0.57	1.00
SRM487-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM488	CONDUIT	117.16	0	00:38	1.17	1.15	1.00
SRM488-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM489	CONDUIT	18.98	0	00:37	0.74	0.82	1.00
SRM489-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM49	CONDUIT	138.44	0	00:44	1.07	0.65	0.95
SRM490	CONDUIT	74.19	0	00:47	1.07	1.04	1.00
SRM490-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM491	CONDUIT	193.09	0	00:40	1.21	1.45	1.00
SRM491-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM492	CONDUIT	215.87	0	00:38	1.36	1.61	1.00
SRM492-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM493	CONDUIT	209.44	0	00:46	1.32	1.44	1.00
SRM493-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM494	CONDUIT	233.00	0	00:46	1.47	1.37	1.00
SRM494-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM495	CONDUIT	434.05	0	00:39	2.01	1.21	1.00
SRM495-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM496	CONDUIT	383.38	0	00:39	2.04	0.84	1.00
SRM496-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM497	CONDUIT	446.94	0	00:39	2.06	1.42	1.00
SRM497-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM498	CONDUIT	67.23	0	00:38	0.97	1.41	1.00
SRM498-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM499	CONDUIT	22.95	0	00:38	0.81	0.99	1.00
SRM499-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM4-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM5	CONDUIT	48.48	0	00:39	0.82	0.98	1.00
SRM50	CONDUIT	38.52	0	00:41	0.44	0.32	0.94
SRM500	CONDUIT	47.42	0	00:37	1.56	1.07	1.00
SRM500-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM501	CONDUIT	46.48	0	00:40	0.73	1.03	1.00
SRM501-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM502	CONDUIT	176.18	0	00:42	2.49	1.28	1.00
SRM502-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM503	CONDUIT	54.58	0	00:50	1.75	2.50	1.00
SRM503-S	CHANNEL	0.46	0	00:48	0.18	0.00	0.03
SRM504	CONDUIT	264.64	0	00:40	2.73	0.98	1.00
SRM504-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM505	CONDUIT	72.17	0	00:41	1.13	2.36	0.85
SRM505-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM506	CONDUIT	13.55	0	00:41	0.50	0.55	1.00
SRM506-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM507	CONDUIT	122.56	0	00:40	1.77	1.19	0.94
SRM507-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM509	CONDUIT	820.37	0	00:42	1.86	1.40	1.00
SRM509-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM51	CONDUIT	103.30	0	00:40	1.46	1.30	1.00
SRM510	CONDUIT	159.50	0	00:39	2.45	1.04	1.00
SRM510-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM511	CONDUIT	50.28	0	00:40	1.73	1.07	0.93
SRM511-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM512	CONDUIT	29.92	0	00:40	1.03	1.24	0.87
SRM512-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM513	CONDUIT	199.91	0	00:40	3.19	0.97	0.91
SRM513-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM514	CONDUIT	205.06	0	00:43	2.90	2.09	1.00

SRM514-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM515	CONDUIT	18.77	0	00:40	1.26	0.12	0.31
SRM515-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM516	CONDUIT	284.47	0	00:41	1.79	1.80	1.00
SRM516-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM517	CONDUIT	256.86	0	00:39	2.37	0.95	1.00
SRM517-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM518	CONDUIT	286.71	0	00:49	2.19	0.73	1.00
SRM518-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM519	CONDUIT	229.93	0	00:49	2.08	1.74	1.00
SRM519-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM51-S	CHANNEL	29.50	0	00:42	0.39	0.01	0.37
SRM52	CONDUIT	165.57	0	00:43	2.60	1.71	1.00
SRM520	CONDUIT	279.12	0	00:49	1.75	2.07	1.00
SRM520-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM521	CONDUIT	32.55	0	00:39	0.83	0.20	1.00
SRM522	CONDUIT	528.65	0	00:43	3.32	1.42	1.00
SRM523	CONDUIT	188.72	0	00:39	2.67	1.12	1.00
SRM523-S	CHANNEL	57.81	0	00:41	0.93	0.01	0.14
SRM524	CONDUIT	1141.85	0	00:55	1.79	1.07	1.00
SRM524-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM525_2	CONDUIT	501.63	0	00:57	1.19	0.42	0.64
SRM526	CONDUIT	533.45	0	00:57	1.08	0.62	0.70
SRM527	CONDUIT	593.89	0	00:56	1.02	0.69	0.83
SRM527-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM528	CONDUIT	863.60	0	00:55	1.35	1.00	0.95
SRM528-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM529	CONDUIT	982.72	0	00:51	1.54	1.12	1.00
SRM529-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM53	CONDUIT	95.08	0	01:08	1.35	2.49	1.00
SRM530	CONDUIT	7907.43	0	00:46	4.76	1.97	0.93
SRM530-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM532	CONDUIT	10.59	0	00:53	0.63	0.19	1.00
SRM533	CONDUIT	235.22	0	02:00	1.29	0.17	0.26
SRM535	CONDUIT	221.43	0	00:41	2.03	1.30	1.00
SRM535-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM536	CONDUIT	284.87	0	00:39	2.89	1.01	1.00
SRM537	CONDUIT	196.91	0	00:40	2.79	2.25	1.00
SRM538	CONDUIT	4115.88	0	00:41	4.81	1.11	1.00
SRM54	CONDUIT	38.35	0	00:40	0.41	0.44	1.00
SRM540	CONDUIT	54.83	0	00:40	0.61	0.63	1.00
SRM541	CONDUIT	63.37	0	00:40	0.61	0.72	1.00
SRM542	CONDUIT	244.58	0	00:40	1.54	1.92	1.00
SRM542-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM544	CONDUIT	100.52	0	00:40	1.49	1.52	0.91
SRM548	CONDUIT	507.86	0	00:40	2.35	1.69	1.00
SRM548-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM549	CONDUIT	311.59	0	00:50	1.96	1.56	1.00
SRM549-S	CHANNEL	0.01	0	00:44	0.00	0.00	0.01
SRM54-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM55	CONDUIT	5799.71	0	00:48	3.55	1.03	0.87
SRM550	CONDUIT	55.61	0	00:40	1.33	0.63	0.57
SRM551	CONDUIT	75.08	0	00:40	1.50	0.60	0.78
SRM552	CONDUIT	89.94	0	00:40	1.28	1.40	0.98
SRM553	CONDUIT	135.92	0	00:40	1.34	1.09	0.92
SRM555	CONDUIT	25.40	0	00:40	0.80	0.42	1.00
SRM556	CONDUIT	45.08	0	00:40	1.43	1.95	1.00
SRM556-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM557	CONDUIT	494.25	0	00:39	2.36	1.16	1.00
SRM557-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM55-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM561	CONDUIT	114.17	0	00:39	1.77	23.28	1.00
SRM562	CONDUIT	53.31	0	00:38	1.08	1.13	1.00
SRM562-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM563	CONDUIT	34.48	0	00:50	1.10	1.49	1.00
SRM563-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM565	CONDUIT	203.07	0	00:49	2.87	1.41	1.00
SRM565-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.08
SRM566	CONDUIT	220.98	0	00:56	2.31	0.06	0.17
SRM567	CONDUIT	151.00	0	00:46	1.02	1.12	1.00
SRM567-S	CHANNEL	703.42	0	02:01	0.50	0.59	1.00
SRM568	CONDUIT	630.02	0	02:02	4.75	5.30	1.00
SRM568-S	CHANNEL	1323.16	0	02:02	1.17	0.35	0.79
SRM569	CONDUIT	477.70	0	02:01	2.94	3.30	1.00
SRM569-S	CHANNEL	34.34	0	01:08	0.15	0.06	0.34

SRM57	CONDUIT	112.21	0	00:40	1.18	1.01	1.00
SRM573	CONDUIT	496.55	0	02:02	1.12	0.77	1.00
SRM573-S	CHANNEL	226.01	0	01:37	0.33	0.05	0.62
SRM574	CONDUIT	461.30	0	00:44	1.06	1.35	1.00
SRM574-S	CHANNEL	105.58	0	00:59	0.14	0.08	0.75
SRM575	CONDUIT	472.01	0	00:43	1.14	1.47	1.00
SRM575-S	CHANNEL	23.36	0	01:16	0.06	0.01	0.37
SRM578	CONDUIT	603.46	0	02:25	4.35	1.18	1.00
SRM578-S	CHANNEL	16.78	0	00:56	0.13	0.01	0.21
SRM579	CONDUIT	470.02	0	02:26	1.92	1.08	1.00
SRM579-S	CHANNEL	69.83	0	00:56	0.14	0.04	0.44
SRM57-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM58	CONDUIT	461.87	0	00:40	2.07	0.90	1.00
SRM580	CONDUIT	414.71	0	02:38	0.94	1.13	1.00
SRM580-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.30
SRM581	CONDUIT	486.18	0	00:41	1.10	1.01	1.00
SRM581-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM582	CONDUIT	438.37	0	00:41	0.99	0.91	1.00
SRM582-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM584	CONDUIT	503.93	0	00:42	1.39	1.34	1.00
SRM584-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM585	CONDUIT	430.51	0	00:42	0.97	1.68	1.00
SRM585-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM586	CONDUIT	695.53	0	00:42	1.57	1.27	1.00
SRM586-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM587	CONDUIT	624.83	0	00:42	1.41	1.35	1.00
SRM587-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM588	CONDUIT	368.64	0	03:01	1.80	0.08	1.00
SRM589	CONDUIT	570.84	0	00:40	1.29	2.93	1.00
SRM589-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM58-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM59	CONDUIT	297.46	0	00:39	2.00	1.10	0.92
SRM590	CONDUIT	514.63	0	00:40	1.16	1.10	1.00
SRM590-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM591	CONDUIT	638.54	0	00:40	1.45	1.97	1.00
SRM591-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM592	CONDUIT	581.30	0	00:40	1.32	1.51	1.00
SRM592-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM593	CONDUIT	282.62	0	00:43	4.00	0.35	1.00
SRM593-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM594	CONDUIT	173.50	0	00:42	0.68	0.78	1.00
SRM595	CONDUIT	178.49	0	00:43	2.53	3.70	1.00
SRM596	CONDUIT	130.75	0	00:40	2.26	1.26	1.00
SRM596-S	CHANNEL	328.93	0	00:42	0.56	0.60	0.47
SRM597	CONDUIT	625.26	0	00:45	1.42	1.94	1.00
SRM597-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM598	CONDUIT	738.81	0	00:40	1.67	2.08	1.00
SRM598-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM599	CONDUIT	701.23	0	00:40	1.59	1.92	1.00
SRM599-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM59-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM5-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM6	CONDUIT	16.64	0	00:39	0.30	0.38	1.00
SRM60	CONDUIT	326.91	0	00:40	1.90	0.76	1.00
SRM600	CONDUIT	175.20	0	00:45	0.72	0.61	1.00
SRM602	CONDUIT	680.93	0	00:40	1.54	1.52	1.00
SRM602-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM603	CONDUIT	648.64	0	00:40	1.53	1.91	1.00
SRM603-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM604	CONDUIT	584.42	0	00:54	1.69	1.02	1.00
SRM604-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM605	CONDUIT	577.82	0	00:54	1.56	0.99	1.00
SRM605-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.04
SRM606	CONDUIT	566.86	0	00:54	1.54	0.94	1.00
SRM606-S	CHANNEL	5.14	0	01:09	0.03	0.00	0.23
SRM607	CONDUIT	1262.42	0	00:51	1.46	1.33	1.00
SRM60-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM61	CONDUIT	246.11	0	00:40	3.48	1.62	1.00
SRM610	CONDUIT	196.02	0	00:54	1.82	1.26	1.00
SRM610-S	CHANNEL	39.39	0	00:46	0.51	0.01	0.16
SRM612	CONDUIT	163.65	0	00:56	2.32	1.38	1.00
SRM612-S	CHANNEL	29.74	0	00:45	0.66	0.00	0.13
SRM613	CONDUIT	160.36	0	00:45	2.27	1.27	1.00
SRM613-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.06
SRM614	CONDUIT	129.09	0	00:37	1.88	1.05	1.00

SRM614-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM615	CONDUIT	31.78	0	00:39	0.57	0.29	1.00
SRM615-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM616	CONDUIT	78.44	0	00:39	1.73	0.63	1.00
SRM616-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM617	CONDUIT	86.64	0	00:40	1.54	1.59	1.00
SRM617-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM618	CONDUIT	57.37	0	00:40	1.83	1.67	1.00
SRM618-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM619	CONDUIT	220.36	0	00:38	2.00	1.95	1.00
SRM61-S	CHANNEL	43.67	0	00:42	0.74	0.01	0.14
SRM620	CONDUIT	213.21	0	00:39	1.93	1.21	1.00
SRM620-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM621	CONDUIT	235.92	0	00:40	2.14	1.05	1.00
SRM621-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM622	CONDUIT	238.40	0	00:42	2.19	1.98	0.96
SRM622-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM623	CONDUIT	238.72	0	00:42	1.84	0.91	0.79
SRM623-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM624	CONDUIT	300.15	0	00:41	2.18	0.99	0.81
SRM624-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM625	CONDUIT	30.32	0	00:40	0.43	0.13	0.46
SRM626	CONDUIT	384.90	0	00:40	3.03	0.83	0.85
SRM626-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM627	CONDUIT	493.10	0	00:39	3.30	1.06	1.00
SRM627-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.04
SRM628	CONDUIT	670.62	0	00:39	2.45	1.09	1.00
SRM628-S	CHANNEL	7.50	0	00:43	0.23	0.00	0.11
SRM629	CONDUIT	631.59	0	00:40	2.32	1.08	1.00
SRM629-S	CHANNEL	52.47	0	00:45	0.17	0.01	0.31
SRM63	CONDUIT	174.33	0	00:39	2.47	1.50	1.00
SRM630	CONDUIT	1047.20	0	00:43	3.70	1.32	1.00
SRM630-S	CHANNEL	1197.33	0	00:45	2.16	0.20	0.45
SRM631	CONDUIT	437.25	0	01:05	3.96	1.78	1.00
SRM631-S	CHANNEL	1077.08	0	00:44	2.59	0.12	0.41
SRM632	CONDUIT	273.15	0	00:45	2.49	1.42	0.97
SRM632-S	CHANNEL	855.18	0	00:45	0.91	0.11	0.68
SRM633	CONDUIT	36.88	0	01:00	1.17	0.95	1.00
SRM633-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.23
SRM634	CONDUIT	961.44	0	00:45	5.32	1.16	0.78
SRM635	CONDUIT	513.12	0	00:41	2.77	0.92	0.52
SRM63-S	CHANNEL	91.89	0	00:41	0.72	0.02	0.20
SRM64	CONDUIT	480.10	0	00:42	3.03	2.22	1.00
SRM640	CONDUIT	145.42	0	02:09	1.95	0.54	0.64
SRM641	CONDUIT	1125.85	0	00:43	3.99	0.67	0.46
SRM641-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM642	CONDUIT	151.94	0	00:40	1.50	0.70	0.61
SRM643	CONDUIT	219.11	0	00:40	1.91	0.67	0.80
SRM643-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM646	CONDUIT	828.34	0	00:40	3.22	1.04	1.00
SRM646-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM64-S	CONDUIT	0.00	0	00:00	0.00	0.00	0.50
SRM65	CONDUIT	478.87	0	00:41	3.01	1.72	1.00
SRM650	CONDUIT	191.56	0	00:38	1.73	2.03	1.00
SRM655	CONDUIT	537.16	0	00:40	1.90	1.22	1.00
SRM655-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM656	CONDUIT	43.32	0	00:52	1.38	1.75	1.00
SRM656-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM658	CONDUIT	728.86	0	00:41	2.58	1.98	1.00
SRM658-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM65-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM66	CONDUIT	284.62	0	00:57	2.38	0.08	0.20
SRM661	CONDUIT	59.02	0	00:41	0.93	0.45	0.43
SRM661-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM662	CONDUIT	272.37	0	00:40	1.84	0.70	0.52
SRM662-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM666	CONDUIT	266.65	0	00:40	3.35	0.38	0.34
SRM666-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM668	CONDUIT	10.42	0	00:43	0.23	0.15	0.82
SRM668-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM67	CONDUIT	284.53	0	00:57	2.69	0.09	0.18
SRM68	CONDUIT	200.88	0	01:22	1.26	2.62	1.00
SRM680	CONDUIT	1549.32	0	00:43	2.27	0.56	0.77
SRM680-S	CHANNEL	633.73	0	00:43	0.76	0.50	0.62
SRM681	CONDUIT	626.17	0	00:41	1.86	0.23	0.43

SRM681-S	CHANNEL	1804.21	0	00:41	1.71	0.57	0.75
SRM682	CONDUIT	848.76	0	00:40	3.02	0.30	0.36
SRM682-S	CHANNEL	1524.81	0	00:40	1.69	0.33	0.66
SRM683	CONDUIT	656.89	0	00:40	2.36	0.24	0.36
SRM683-S	CHANNEL	1754.45	0	00:40	1.97	0.43	0.65
SRM684	CONDUIT	154.45	0	00:46	1.00	0.06	0.25
SRM684-S	CHANNEL	1232.25	0	00:46	1.67	0.32	0.60
SRM685	CONDUIT	1218.69	0	00:46	2.93	0.66	0.62
SRM687	CONDUIT	1259.57	0	00:46	4.98	0.68	0.42
SRM688	CONDUIT	1129.53	0	00:46	3.13	0.99	0.76
SRM689	CONDUIT	5782.80	0	00:43	3.62	0.93	1.00
SRM689-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.03
SRM69	CONDUIT	200.92	0	01:22	1.29	1.44	1.00
SRM691	CONDUIT	886.14	0	00:40	4.50	0.88	0.87
SRM691-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM693	CONDUIT	329.22	0	00:40	4.03	0.59	0.51
SRM694	CONDUIT	327.27	0	00:40	2.96	0.43	0.66
SRM696	CONDUIT	29.40	0	00:40	0.60	0.80	1.00
SRM696-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM698	CONDUIT	133.86	0	00:40	3.17	0.28	0.41
SRM699	CONDUIT	128.67	0	00:40	3.27	0.38	0.39
SRM7	CONDUIT	78.96	0	00:39	1.12	1.85	1.00
SRM70	CONDUIT	135.40	0	00:41	1.30	0.55	0.76
SRM700	CONDUIT	1065.80	0	00:39	5.33	1.07	0.95
SRM700-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM701	CONDUIT	1382.09	0	00:39	5.44	0.97	0.84
SRM701-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM702	CONDUIT	126.46	0	00:40	1.64	0.22	0.66
SRM703	CONDUIT	1521.24	0	00:40	3.97	0.87	0.86
SRM703-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM71	CONDUIT	8.20	0	00:40	0.23	0.04	0.91
SRM71-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM723	CONDUIT	33.42	0	00:42	0.47	0.88	1.00
SRM723-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.35
SRM724	CONDUIT	3765.52	0	00:43	3.35	0.81	0.86
SRM724-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM725_ADD	CONDUIT	259.07	0	00:38	2.35	3.18	1.00
SRM725-S_ADD	CHANNEL	394.60	0	00:40	0.48	0.03	0.61
SRM726	CONDUIT	73.69	0	00:33	0.67	0.95	1.00
SRM726_ADD	CONDUIT	123.75	0	00:36	1.12	1.59	1.00
SRM726-S	CHANNEL	1141.42	0	00:40	1.03	0.31	0.78
SRM726-S_ADD	CHANNEL	549.98	0	00:40	1.20	0.15	0.40
SRM727	CONDUIT	25.52	0	00:31	0.31	0.18	1.00
SRM727_ADD	CONDUIT	62.26	0	00:35	0.58	0.44	1.00
SRM728	CONDUIT	28.36	0	00:33	0.26	6.94	1.00
SRM728_ADD	CONDUIT	115.64	0	00:36	1.05	28.30	1.00
SRM728-S	CHANNEL	303.38	0	00:41	0.35	0.13	0.65
SRM728-S_ADD	CHANNEL	150.80	0	00:38	0.40	0.06	0.47
SRM73	CONDUIT	529.56	0	00:41	2.48	1.87	1.00
SRM730	CONDUIT	152.58	0	00:38	1.38	0.97	1.00
SRM730_ADD	CONDUIT	0.00	0	00:00	0.00	0.00	0.50
SRM730-S	CHANNEL	153.14	0	00:40	0.27	0.02	0.46
SRM730-S_ADD	CHANNEL	0.00	0	00:00	0.00	0.00	0.28
SRM731	CONDUIT	1020.33	0	00:40	2.20	1.01	0.71
SRM733	CONDUIT	78.47	0	00:03	1.28	0.47	0.71
SRM733-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM735	CONDUIT	444.15	0	00:39	2.98	1.02	1.00
SRM735-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM736	CONDUIT	453.02	0	00:42	2.87	1.18	0.98
SRM736-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM738	CONDUIT	103.75	0	00:40	3.01	0.48	0.49
SRM739	CONDUIT	102.82	0	00:40	2.47	0.55	0.67
SRM739-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM740	CONDUIT	368.21	0	00:40	3.74	0.92	0.88
SRM740-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM741	CONDUIT	451.03	0	00:39	3.12	1.07	0.98
SRM742	CONDUIT	532.82	0	00:39	2.69	0.78	0.66
SRM743	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM743-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM744	CONDUIT	27.47	0	00:40	2.04	0.04	0.14
SRM744-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM745	CONDUIT	158.93	0	00:40	2.68	0.33	0.65
SRM745-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM746	CONDUIT	61.16	0	00:40	1.12	1.00	0.73
SRM747	CONDUIT	19.79	0	00:44	0.65	0.62	1.00

SRM747-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM748	CONDUIT	222.11	0	00:40	2.01	2.13	1.00
SRM748-S	CHANNEL	0.73	0	00:48	0.16	0.00	0.05
SRM749	CONDUIT	63.94	0	00:41	0.65	0.50	1.00
SRM749-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM75	CONDUIT	288.20	0	00:40	1.31	7.82	0.80
SRM750	CONDUIT	105.35	0	00:40	1.38	0.54	1.00
SRM750-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.15
SRM751	CONDUIT	400.99	0	00:41	1.94	0.77	1.00
SRM751-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.15
SRM752	CONDUIT	233.88	0	00:40	1.47	1.50	1.00
SRM752-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.02
SRM753	CONDUIT	214.29	0	00:41	1.41	1.19	1.00
SRM753-S	CHANNEL	7.92	0	00:51	0.09	0.00	0.19
SRM754	CONDUIT	189.78	0	00:38	1.22	1.49	1.00
SRM754-S	CHANNEL	0.43	0	00:52	0.01	0.00	0.16
SRM755	CONDUIT	31.95	0	00:38	0.53	0.47	1.00
SRM756	CONDUIT	45.08	0	00:40	1.87	0.27	0.68
SRM756-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM757	CONDUIT	74.34	0	00:38	1.40	0.46	1.00
SRM757-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM758	CONDUIT	187.87	0	00:39	2.66	1.24	1.00
SRM758-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM759	CONDUIT	146.49	0	00:40	2.07	3.49	1.00
SRM76	CONDUIT	2836.25	0	00:41	6.65	0.60	0.64
SRM760	CONDUIT	18.75	0	00:43	0.62	0.33	1.00
SRM760-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM761	CONDUIT	116.19	0	00:48	1.77	0.68	1.00
SRM761-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.02
SRM762	CONDUIT	146.49	0	00:40	2.07	1.96	1.00
SRM763	CONDUIT	546.31	0	00:40	2.39	1.10	0.77
SRM763-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM764	CONDUIT	122.47	0	00:40	1.77	1.66	0.94
SRM764-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM765	CONDUIT	176.36	0	00:40	3.05	0.86	0.83
SRM765-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM769	CONDUIT	1445.94	0	00:41	2.50	0.60	1.00
SRM769-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM77	CONDUIT	210.82	0	00:53	2.98	1.35	1.00
SRM770	CONDUIT	2452.66	0	00:41	3.47	0.75	0.77
SRM770-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM772	CONDUIT	96.88	0	00:39	3.08	2.33	1.00
SRM772-S	CHANNEL	70.17	0	00:40	1.15	0.01	0.14
SRM773	CONDUIT	252.57	0	00:40	1.07	0.63	1.00
SRM774	CONDUIT	43.42	0	00:39	1.43	0.20	1.00
SRM774-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM775	CONDUIT	183.64	0	00:46	2.60	1.22	1.00
SRM775-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.03
SRM776	CONDUIT	679.17	0	00:56	2.40	1.09	1.00
SRM78	CONDUIT	39.42	0	00:38	0.56	0.42	1.00
SRM79	CONDUIT	242.98	0	00:40	1.74	1.08	1.00
SRM798	CONDUIT	158.09	0	00:40	0.99	2.34	1.00
SRM798-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM7-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM8	CONDUIT	20.28	0	00:40	0.58	0.48	0.50
SRM80	CONDUIT	606.32	0	00:42	2.16	1.21	0.98
SRM800	CONDUIT	71.49	0	00:39	0.65	1.21	1.00
SRM800-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM801	CONDUIT	370.40	0	01:05	0.84	1.09	1.00
SRM801-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM802	CONDUIT	367.80	0	00:40	1.32	1.57	1.00
SRM802-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM803	CONDUIT	120.43	0	00:39	1.71	1.61	1.00
SRM803-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM804	CONDUIT	171.46	0	00:40	1.09	2.29	1.00
SRM804-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM805	CONDUIT	30.93	0	00:40	0.29	0.48	1.00
SRM806	CONDUIT	464.32	0	00:40	1.12	1.27	1.00
SRM806-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM807	CONDUIT	21.94	0	00:41	0.71	2.18	1.00
SRM807-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM808	CONDUIT	641.80	0	00:39	1.56	1.13	1.00
SRM808-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM809	CONDUIT	29.26	0	00:41	0.93	2.19	1.00
SRM809-S	CHANNEL	0.11	0	00:43	0.11	0.00	0.02

SRM81	CONDUIT	629.74	0	00:42	2.36	1.12	0.93
SRM810	CONDUIT	640.14	0	01:11	1.01	0.96	1.00
SRM814	CONDUIT	62.41	0	00:44	0.90	1.36	1.00
SRM815	CONDUIT	59.47	0	03:12	0.85	1.30	1.00
SRM816	CONDUIT	101.14	0	00:43	1.43	2.20	1.00
SRM82	CONDUIT	4181.09	0	00:41	5.02	0.81	0.69
SRM826	CONDUIT	972.83	0	00:39	2.31	1.92	1.00
SRM826-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM83	CONDUIT	4182.35	0	00:41	4.85	0.87	0.72
SRM830	CONDUIT	128.85	0	00:40	2.05	1.03	0.88
SRM831	CONDUIT	118.21	0	00:40	2.15	0.87	0.72
SRM832	CONDUIT	118.09	0	00:40	2.18	0.87	0.72
SRM833	CONDUIT	0.00	0	00:00	0.00	0.00	0.23
SRM834	CONDUIT	124.16	0	00:45	1.93	54.40	0.86
SRM836	CONDUIT	71.96	0	00:45	2.29	1.70	1.00
SRM836-S	CHANNEL	105.56	0	00:41	0.95	0.01	0.43
SRM838	CONDUIT	65.17	0	00:41	0.92	2.16	1.00
SRM839	CONDUIT	113.06	0	00:52	1.65	1.39	0.93
SRM84	CONDUIT	4060.80	0	00:41	4.97	0.82	0.69
SRM840	CONDUIT	113.07	0	00:52	1.60	2.40	1.00
SRM844	CONDUIT	74.30	0	00:39	0.56	0.59	1.00
SRM844-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM845	CONDUIT	71.71	0	00:39	0.45	0.62	1.00
SRM845-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.06
SRM846	CONDUIT	738.37	0	00:39	1.86	1.06	1.00
SRM847	CONDUIT	109.30	0	00:47	0.69	1.11	1.00
SRM847-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
SRM848	CONDUIT	62.96	0	00:40	0.89	1.46	1.00
SRM848-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.12
SRM849	CONDUIT	159.06	0	00:39	1.00	1.61	1.00
SRM849-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM85	CONDUIT	4048.85	0	00:43	5.01	0.77	0.68
SRM850	CONDUIT	29.55	0	00:39	0.95	1.37	1.00
SRM850-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM851	CONDUIT	345.49	0	00:42	0.97	1.73	1.00
SRM851-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM852	CONDUIT	357.90	0	00:42	1.65	1.34	1.00
SRM852-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM853	CONDUIT	0.00	0	00:00	0.00	0.00	0.06
SRM853-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM854	CONDUIT	92.32	0	00:40	2.23	0.45	0.57
SRM854-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM855	CONDUIT	317.62	0	00:40	3.13	1.08	0.97
SRM855-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM856	CONDUIT	122.55	0	00:40	1.45	0.93	0.72
SRM856-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM857	CONDUIT	0.00	0	00:00	0.00	0.00	0.50
SRM857-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM858	CONDUIT	6.85	0	01:15	0.24	0.60	1.00
SRM858-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM859	CONDUIT	2042.83	0	00:41	3.56	1.13	0.88
SRM859-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM86	CONDUIT	3999.36	0	00:43	5.14	1.09	0.88
SRM863	CONDUIT	475.21	0	00:38	1.70	2.68	1.00
SRM863-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM864	CONDUIT	139.65	0	01:44	1.26	2.06	1.00
SRM864-S	CHANNEL	124.45	0	00:50	0.20	0.04	1.00
SRM865	CONDUIT	167.05	0	01:41	1.05	1.42	1.00
SRM865-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM866	CONDUIT	179.31	0	01:40	1.13	1.81	1.00
SRM866-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM867	CONDUIT	217.54	0	00:39	1.00	1.46	1.00
SRM867-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM869	CONDUIT	218.47	0	00:40	1.01	1.60	1.00
SRM869-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM870	CONDUIT	291.76	0	00:40	1.35	1.44	1.00
SRM870-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM871	CONDUIT	285.34	0	00:39	1.01	1.62	1.00
SRM871-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM872	CONDUIT	361.99	0	00:39	1.28	2.30	1.00
SRM872-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM873	CONDUIT	144.46	0	01:44	1.31	1.40	1.00
SRM873-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
SRM876	CONDUIT	52.65	0	01:24	0.74	1.22	1.00
SRM876-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.45

SRM88	CONDUIT	557.44	0	00:39	2.05	1.43	0.98
SRM880	CONDUIT	36.57	0	00:40	1.34	0.19	1.00
SRM880-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM881	CONDUIT	352.49	0	00:39	1.25	2.34	1.00
SRM881-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM882	CONDUIT	153.90	0	00:39	2.18	2.52	1.00
SRM882-S	CHANNEL	28.18	0	00:42	0.53	0.01	0.15
SRM883	CONDUIT	116.66	0	00:41	1.65	1.67	1.00
SRM883-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.13
SRM884	CONDUIT	56.46	0	00:39	1.12	0.25	1.00
SRM884-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM885	CONDUIT	385.36	0	00:38	1.36	1.69	1.00
SRM885-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM886	CONDUIT	73.55	0	00:40	1.04	1.00	1.00
SRM886-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.29
SRM887	CONDUIT	97.86	0	00:40	1.38	1.77	1.00
SRM887-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.08
SRM888	CONDUIT	147.11	0	01:45	1.33	2.16	1.00
SRM888-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM889	CONDUIT	186.44	0	00:40	4.23	5.16	1.00
SRM889-S	CHANNEL	271.67	0	00:50	0.47	0.09	1.00
SRM89	CONDUIT	116.38	0	00:36	1.65	2.32	1.00
SRM890	CONDUIT	110.35	0	00:40	1.58	2.56	1.00
SRM890-S	CHANNEL	194.11	0	00:42	0.34	0.08	1.00
SRM891	CONDUIT	137.41	0	00:40	1.95	3.17	1.00
SRM891-S	CHANNEL	533.94	0	00:40	0.59	0.22	1.00
SRM892	CONDUIT	495.30	0	00:38	3.35	1.53	1.00
SRM892-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM893	CONDUIT	412.19	0	00:38	1.55	0.75	1.00
SRM893-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM89-S	CHANNEL	803.23	0	00:40	0.96	0.16	0.71
SRM9	CONDUIT	343.26	0	00:40	3.11	1.62	1.00
SRM90	CONDUIT	161.59	0	00:41	2.29	1.05	1.00
SRM905	CONDUIT	3177.68	0	00:42	3.01	1.01	0.95
SRM905-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM906-20171208	CONDUIT	58.58	0	00:41	0.95	1.25	0.81
SRM906-20171208-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM90-S	CHANNEL	130.50	0	00:40	0.45	0.02	0.30
SRM915	CONDUIT	3226.55	0	00:42	3.00	1.04	0.99
SRM915-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM92	CONDUIT	72.97	0	00:37	1.03	1.31	1.00
SRM926	CONDUIT	358.75	0	00:41	5.08	3.00	1.00
SRM926-S	CHANNEL	461.52	0	00:43	0.89	0.20	0.43
SRM927	CONDUIT	1389.61	0	00:41	3.42	1.07	0.92
SRM927-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM928	CONDUIT	0.00	0	00:00	0.00	0.00	0.50
SRM929	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM929-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM92-S	CHANNEL	333.32	0	00:40	1.08	0.07	0.33
SRM93	CONDUIT	98.12	0	01:42	2.23	6.72	1.00
SRM931	CONDUIT	1508.58	0	00:41	2.73	1.08	0.81
SRM931-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM932	CONDUIT	0.00	0	00:00	0.00	0.00	0.05
SRM932-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM933	CONDUIT	1398.75	0	00:40	3.30	1.11	0.94
SRM933-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM934	CONDUIT	687.49	0	00:41	2.54	1.12	0.94
SRM934-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM936	CONDUIT	480.98	0	00:41	1.79	0.84	0.96
SRM936-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM938	CONDUIT	136.73	0	00:40	2.47	0.54	0.73
SRM938-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM939	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM93-S	CHANNEL	286.12	0	00:40	0.30	0.08	0.79
SRM941	CONDUIT	69.70	0	02:04	1.87	0.54	0.52
SRM942_2	CONDUIT	69.70	0	02:03	1.60	0.73	0.59
SRM943	CONDUIT	55.31	0	00:40	2.12	0.33	0.40
SRM943-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM944	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM945	CONDUIT	3462.05	0	00:00	4.07	2.54	1.00
SRM946	CONDUIT	1618.22	0	00:40	1.93	1.02	1.00
SRM947	CONDUIT	1492.16	0	00:41	2.66	1.09	0.83
SRM947-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM950	CONDUIT	41.75	0	00:40	1.31	0.24	0.33
SRM950-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00

SRM951	CONDUIT	350.83	0	00:40	3.16	0.77	0.66
SRM951-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM952	CONDUIT	203.05	0	00:40	2.96	0.67	0.60
SRM952-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM954	CONDUIT	633.11	0	00:40	2.61	0.75	0.65
SRM954-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM955	CONDUIT	494.29	0	00:40	2.09	0.90	0.83
SRM955-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM956	CONDUIT	0.00	0	00:00	0.00	0.00	0.10
SRM957	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM958	CONDUIT	645.68	0	00:40	3.23	0.79	0.67
SRM958-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM959	CONDUIT	494.79	0	00:40	3.42	1.06	0.94
SRM959-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM960	CONDUIT	299.96	0	00:40	3.39	0.91	0.75
SRM960-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM961	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM961-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM963	CONDUIT	481.63	0	00:41	3.30	0.38	0.43
SRM964	CONDUIT	337.07	0	00:40	1.59	1.05	0.71
SRM964-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM965	CONDUIT	435.82	0	00:41	1.48	1.29	0.77
SRM965-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM966	CONDUIT	51.14	0	00:44	1.65	1.84	0.96
SRM966-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM967	CONDUIT	78.07	0	00:40	0.94	0.55	0.70
SRM967-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM984	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
SRM984-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM985	CONDUIT	426.09	0	00:40	3.40	0.89	0.74
SRM985-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM986	CONDUIT	556.93	0	00:40	2.88	0.80	0.84
SRM986-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM987	CONDUIT	146.65	0	00:43	2.10	2.40	0.97
SRM987-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM988	CONDUIT	776.77	0	00:40	2.11	1.13	0.78
SRM989	CONDUIT	0.00	0	00:00	0.00	0.00	0.29
SRM989-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM99	CONDUIT	146.46	0	00:41	2.38	0.30	0.41
SRM990	CONDUIT	98.37	0	00:40	1.71	0.83	0.85
SRM990-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM991	CONDUIT	352.81	0	00:40	1.74	1.25	0.88
SRM992	CONDUIT	202.68	0	00:40	3.05	1.06	0.95
SRM992-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM993	CONDUIT	1.97	0	00:40	0.10	0.06	0.58
SRM993-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM994	CONDUIT	36.85	0	00:39	1.34	0.67	0.86
SRM994-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM995	CONDUIT	34.85	0	00:40	0.58	0.57	1.00
SRM995-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM996	CONDUIT	105.55	0	00:40	1.55	1.79	0.92
SRM996-S	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
SRM997	CONDUIT	0.00	0	00:00	0.00	0.00	0.14
SRM9-S	CHANNEL	1220.08	0	00:44	2.20	0.20	0.45
Vista_Ryders_Ridge	CONDUIT	562.61	0	00:00	2.96	2.24	1.00
C18	PUMP	600.00	0	00:40		1.00	
P1	PUMP	373.80	0	00:36		1.00	
P2	PUMP	100.00	0	00:00		1.00	
GCC16	ORIFICE	63.03	0	03:58			1.00
GCC28	ORIFICE	8.49	0	00:47			1.00
GCC37	ORIFICE	771.05	0	01:18			1.00
OR1	ORIFICE	65.26	0	00:41			1.00
OR2	ORIFICE	235.89	0	01:04			1.00
OR3	ORIFICE	34.14	0	02:36			1.00
OR4	ORIFICE	9.83	0	02:20			1.00
OR5	ORIFICE	38.60	0	00:40			1.00
OR6	ORIFICE	257.61	0	06:27			1.00
OR7	ORIFICE	4.87	0	02:01			1.00
OR8	ORIFICE	2.21	0	02:12			1.00
SRM107_1	ORIFICE	233.09	0	02:06			1.00
SRM1742	ORIFICE	28.03	0	02:29			1.00
SRM525_1	ORIFICE	501.95	0	00:46			1.00
SRM639	ORIFICE	145.00	0	01:58			1.00
SRM942_1	ORIFICE	69.72	0	02:02			1.00
SRM999	ORIFICE	196.14	0	00:00			1.00

C67		WEIR	484.02	0	00:56		1.00
W1		WEIR	59.56	0	00:40		0.50
W2		WEIR	352.40	0	01:09		0.33
	P3		DUMMY	473.44	0	00:56	

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Flow Classification Summary
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Conduit	Adjusted /Actual Length	Up Dry	Down Dry	Sub Dry	Sup Dry	Up Crit	Down Crit	Norm Crit	Inlet Crit	Ltd	Ctrl
		Fraction of Time in Flow Class									
1000_ADD	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.96	0.00
1000-S_ADD	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1001_ADD	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.93	0.00
1001-S_ADD	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1002_ADD	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
1003_ADD	1.00	0.01	0.00	0.00	0.53	0.00	0.00	0.46	0.00	0.00
1003-S_ADD	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1004_ADD	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.97	0.00
1005_ADD	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
1005-S_ADD	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1006_ADD	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
1007_ADD	1.00	0.01	0.00	0.00	0.03	0.01	0.00	0.96	0.01	0.00
1007-S_ADD	1.00	0.99	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1008_ADD	1.00	0.01	0.00	0.00	0.06	0.00	0.00	0.93	0.01	0.00
1008-S_ADD	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1009_ADD	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.94	0.00
1009-S_ADD	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1011_ADD	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
993_ADD	1.00	0.01	0.00	0.00	0.06	0.01	0.00	0.91	0.05	0.00
993-S_ADD	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
994_ADD	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.96	0.02	0.00
994-S_ADD	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
995_ADD	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
996_ADD	1.00	0.01	0.00	0.00	0.17	0.00	0.00	0.82	0.06	0.00
996-S_ADD	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
997_ADD	1.00	0.01	0.00	0.00	0.11	0.00	0.00	0.88	0.06	0.00
998_ADD	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.90	0.00
999_ADD	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.35	0.00
C1	1.00	0.02	0.49	0.00	0.49	0.00	0.00	0.00	0.97	0.00
C10	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
C10Stan	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.98	0.00
C11	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
C11Stan	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.09	0.00
C12	1.00	0.02	0.01	0.00	0.96	0.00	0.01	0.00	0.00	0.00
C12Stan	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.63	0.00
C13	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.95	0.00
C13Stan	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.56	0.00
C14	1.00	0.02	0.00	0.00	0.96	0.00	0.00	0.01	0.00	0.00
C15	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.84	0.00
C16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
C17	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.89	0.00
C18-S1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C18-S2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C18-S3	1.00	0.91	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00
C18-S4	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C18-S5	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C18-S6	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C18-S7	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C18-S8	1.00	0.03	0.97	0.00	0.00	0.00	0.00	0.00	0.97	0.00
C19	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C19_ADD	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.00
C1Stan	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.99	0.00
C2	1.00	0.01	0.00	0.00	0.41	0.57	0.00	0.00	0.98	0.00
C20	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C20-S	1.00	0.73	0.12	0.00	0.05	0.00	0.10	0.00	0.00	0.00
C20-S1	1.00	0.97	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C20-S2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C20-S3	1.00	0.96	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
C20-S4	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C20-S5	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C20-S6	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C20-S7Stan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C20Stan	1.00	0.01	0.00	0.00	0.06	0.00	0.00	0.93	0.01	0.00
C21	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C21-S	1.00	0.97	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
C21-S1Stan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C21Stan	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.00	0.00
C22	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C22-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C22Stan	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.94	0.00	0.00
C23	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	0.04	0.00
C23Stan	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.17	0.00
C24	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C24-S1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C24-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C24Stan	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.00	0.00
C25	1.00	0.02	0.00	0.00	0.05	0.00	0.00	0.92	0.01	0.00
C25-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C25Stan	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.29	0.00
C26	1.00	0.01	0.00	0.00	0.97	0.02	0.00	0.00	0.00	0.00
C26_2	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.96	0.00
C27	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00
C28	1.00	0.02	0.00	0.00	0.96	0.02	0.00	0.00	0.95	0.00
C29	1.00	0.01	0.00	0.00	0.97	0.02	0.00	0.00	0.00	0.00
C29Stan	1.00	0.01	0.00	0.00	0.97	0.02	0.00	0.00	0.00	0.00
C2Stan	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.86	0.00
C3	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.91	0.00
C30	1.00	0.01	0.02	0.00	0.55	0.41	0.00	0.00	0.00	0.00
C31	1.00	0.01	0.00	0.00	0.97	0.02	0.00	0.00	0.97	0.00
C31Stan	1.00	0.08	0.08	0.00	0.84	0.00	0.00	0.00	0.77	0.00
C32	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.98	0.00
C32_1	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.97	0.00
C32_3	1.00	0.01	0.00	0.00	0.96	0.03	0.00	0.00	0.87	0.00
C32_4	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.96	0.00
C32Stan	1.00	0.05	0.03	0.00	0.92	0.00	0.00	0.00	0.65	0.00
C33	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.76	0.00
C33-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C34	1.00	0.01	0.12	0.00	0.87	0.00	0.00	0.00	0.97	0.00
C34-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C35	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.95	0.00
C35-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C36	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C36_2_ADD	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.96	0.00
C37	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.97	0.00
C38	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.97	0.00
C38Stan	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
C39	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.98	0.00
C39-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C39Stan	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.01	0.00
C3-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C3Stan	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.85	0.00
C4	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
C40	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
C40-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C40Stan	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
C41	1.00	0.01	0.01	0.00	0.62	0.36	0.00	0.00	0.00	0.00
C41-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C41Stan	1.00	0.01	0.00	0.00	0.04	0.03	0.00	0.92	0.03	0.00
C42	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.00
C42-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C42Stan	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.00	0.00
C43	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
C43-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C43Stan	1.00	0.01	0.00	0.00	0.10	0.00	0.00	0.89	0.00	0.00
C44	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.97	0.00
C44-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C44Stan	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.00	0.00
C45	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
C45-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C45Stan	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.00	0.00
C46	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.97	0.00
C46-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C46Stan	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
C47	1.00	0.01	0.00	0.00	0.91	0.08	0.00	0.00	0.13	0.00
C47-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C47Stan	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.01	0.00
C48	1.00	0.01	0.72	0.00	0.27	0.00	0.00	0.00	0.89	0.00
C48-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C48Stan	1.00	0.01	0.00	0.00	0.06	0.00	0.00	0.93	0.01	0.00
C49	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
C49_1	1.00	0.01	0.00	0.00	0.97	0.01	0.00	0.00	0.96	0.00
C49_2	1.00	0.01	0.00	0.00	0.97	0.01	0.00	0.00	0.95	0.00
C49-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C49Stan	1.00	0.01	0.00	0.00	0.50	0.00	0.00	0.49	0.29	0.00
C4-S	1.00	0.92	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C4Stan	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.85	0.00
C5	1.00	0.01	0.00	0.00	0.84	0.15	0.00	0.00	0.97	0.00
C50	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.98	0.00
C50-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C50Stan	1.00	0.01	0.00	0.00	0.96	0.00	0.00	0.03	0.00	0.00
C51	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.97	0.00
C51-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C51Stan	1.00	0.01	0.00	0.00	0.97	0.00	0.00	0.02	0.00	0.00
C52	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.98	0.00
C52-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C52Stan	1.00	0.01	0.00	0.00	0.97	0.01	0.00	0.01	0.00	0.00
C53	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C53_1_ADD	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.99	0.00
C53_ADD	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	0.01	0.00
C53-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C53Stan	1.00	0.01	0.00	0.00	0.97	0.00	0.00	0.02	0.00	0.00
C54	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C54_1_ADD	1.00	0.01	0.00	0.00	0.97	0.02	0.00	0.00	0.97	0.00
C54_ADD	1.00	0.01	0.00	0.00	0.87	0.12	0.00	0.00	0.97	0.00
C54-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C54Stan	1.00	0.01	0.00	0.00	0.97	0.00	0.00	0.02	0.00	0.00
C55	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.88	0.00
C55-S	1.00	0.84	0.00	0.00	0.15	0.00	0.00	0.00	0.87	0.00
C56	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.79	0.00
C56-S	1.00	0.83	0.00	0.00	0.16	0.00	0.00	0.01	0.00	0.00
C57	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
C58	1.00	0.04	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C58-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C58Stan	1.00	0.01	0.00	0.00	0.97	0.00	0.00	0.02	0.00	0.00
C59	1.00	0.02	0.00	0.00	0.43	0.55	0.00	0.00	0.02	0.00
C59-S	1.00	0.88	0.03	0.00	0.09	0.00	0.00	0.00	0.96	0.00
C5-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C5Stan	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.85	0.00
C6	1.00	0.01	0.00	0.00	0.88	0.11	0.00	0.00	0.97	0.00
C60	1.00	0.03	0.00	0.00	0.96	0.00	0.00	0.00	0.71	0.00
C60_ADD	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.21	0.00
C61	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C61-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C61Stan	1.00	0.01	0.00	0.00	0.97	0.00	0.00	0.02	0.00	0.00
C62	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.31	0.00
C62-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C62Stan	1.00	0.01	0.00	0.00	0.97	0.00	0.00	0.02	0.00	0.00
C63	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
C63-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C63Stan	1.00	0.01	0.00	0.00	0.97	0.00	0.00	0.02	0.00	0.00
C64	1.00	0.01	0.40	0.00	0.58	0.00	0.00	0.01	0.98	0.00
C64-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C64Stan	1.00	0.01	0.00	0.00	0.97	0.00	0.00	0.02	0.00	0.00
C65	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
C65-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C65Stan	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.01	0.00	0.00
C66	1.00	0.00	0.01	0.00	0.27	0.72	0.00	0.00	0.51	0.00
C66Stan	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
C67-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C67Stan	1.00	0.03	0.37	0.00	0.60	0.00	0.00	0.00	0.85	0.00
C68	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.93	0.00
C68Stan	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.93	0.00
C69	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.97	0.00
C6-S	1.00	0.01	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C6Stan	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
C7	1.00	0.01	0.00	0.00	0.80	0.19	0.00	0.00	0.97	0.00
C70	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.91	0.00
C71	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.92	0.00
C72	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.69	0.00
C72-SStan	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C72Stan	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
C73	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.35	0.00
C74	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.46	0.00
C75	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.16	0.00
C76	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.00
C77	1.00	0.01	0.00	0.00	0.95	0.00	0.00	0.04	0.00	0.00
C78	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.01	0.00
C78_ADD	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.98	0.00
C79	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.00	0.64	0.00
C7-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C7Stan	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
C8	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
C80	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.29	0.00
C81	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.26	0.00
C83	1.00	0.01	0.00	0.00	0.07	0.00	0.00	0.92	0.03	0.00
C84	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	0.97	0.00
C85	1.00	0.02	0.00	0.00	0.01	0.97	0.00	0.00	0.97	0.00
C86	1.00	0.01	0.00	0.00	0.07	0.05	0.00	0.87	0.00	0.00
C87	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.86	0.00
C88	1.00	0.01	0.37	0.00	0.62	0.00	0.00	0.00	0.98	0.00
C88_ADD	1.00	0.01	0.00	0.00	0.01	0.97	0.00	0.00	0.98	0.00
C88-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C88Stan	1.00	0.01	0.37	0.00	0.62	0.00	0.00	0.00	0.98	0.00
C89	1.00	0.01	0.22	0.00	0.76	0.01	0.00	0.00	0.95	0.00
C89_ADD	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.97	0.00
C89Stan	1.00	0.01	0.22	0.00	0.76	0.01	0.00	0.00	0.95	0.00
C8Stan	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.98	0.00
C9	1.00	0.04	0.00	0.00	0.93	0.03	0.00	0.00	0.95	0.00
C90_ADD	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.00	0.00
C91_1_ADD	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.83	0.00
C91_2_ADD	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
C91_3_ADD	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.96	0.00
C91_4_ADD	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.98	0.00
C91_ADD	1.00	0.01	0.00	0.00	0.47	0.52	0.00	0.00	0.99	0.00
C92_ADD	1.00	0.01	0.00	0.00	0.31	0.68	0.00	0.00	0.00	0.00
C93_ADD	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.99	0.00
C94_ADD	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C95_ADD	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C99_ADD	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.53	0.00
C9Stan	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
GCC1	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.01	0.97	0.00
GCC10	1.00	0.82	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC11	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
GCC12	1.00	0.00	0.86	0.00	0.14	0.00	0.00	0.00	0.91	0.00
GCC13	1.00	0.02	0.00	0.00	0.02	0.00	0.96	0.00	0.00	0.00
GCC13-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC15	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
GCC17	1.00	0.01	0.00	0.00	0.07	0.06	0.00	0.86	0.04	0.00
GCC18	1.00	0.01	0.00	0.00	0.92	0.07	0.00	0.00	0.00	0.00
GCC19	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
GCC2	1.00	0.01	0.00	0.00	0.96	0.00	0.00	0.03	0.00	0.00
GCC20	1.00	0.02	0.00	0.00	0.42	0.01	0.00	0.54	0.00	0.00
GCC21	1.00	0.02	0.00	0.00	0.14	0.00	0.00	0.84	0.00	0.00
GCC22	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.32	0.00
GCC23	1.00	0.01	0.00	0.00	0.57	0.00	0.00	0.42	0.22	0.00
GCC23-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC24	1.00	0.01	0.00	0.00	0.94	0.00	0.00	0.05	0.12	0.00
GCC25	1.00	0.01	0.00	0.00	0.96	0.03	0.00	0.00	0.35	0.00
GCC26	1.00	0.01	0.00	0.00	0.93	0.06	0.00	0.00	0.17	0.00
GCC27	1.00	0.01	0.00	0.00	0.09	0.01	0.00	0.89	0.06	0.00
GCC29	1.00	0.01	0.00	0.00	0.02	0.02	0.00	0.95	0.00	0.00
GCC29-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC3	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
GCC30	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.00
GCC31	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.91	0.00
GCC32	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.00
GCC33	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.97	0.00
GCC34	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.97	0.00
GCC35	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.00	0.00
GCC36	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.19	0.00
GCC38	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
GCC39	1.00	0.00	0.01	0.00	0.97	0.00	0.00	0.02	0.65	0.00
GCC4	1.00	0.02	0.74	0.00	0.24	0.00	0.00	0.00	0.88	0.00
GCC40	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.63	0.00
GCC41	1.00	0.01	0.50	0.00	0.48	0.01	0.00	0.00	0.97	0.00

GCC42	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.81	0.00
GCC43	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.50	0.00
GCC44	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
GCC45	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
GCC46	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.00
GCC47	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
GCC48	1.00	0.89	0.02	0.00	0.08	0.00	0.00	0.00	0.97	0.00
GCC49	1.00	0.01	0.00	0.00	0.97	0.02	0.00	0.00	0.97	0.00
GCC5	1.00	0.01	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC50	1.00	0.01	0.00	0.00	0.97	0.02	0.00	0.00	0.98	0.00
GCC51	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.94	0.00
GCC52	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
GCC53	1.00	0.02	0.00	0.00	0.09	0.00	0.00	0.88	0.03	0.00
GCC54	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
GCC54-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC55	1.00	0.01	0.00	0.00	0.26	0.73	0.00	0.00	0.91	0.00
GCC55-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC56	1.00	0.01	0.00	0.00	0.96	0.02	0.00	0.00	0.97	0.00
GCC57	1.00	0.02	0.00	0.00	0.98	0.01	0.00	0.00	0.95	0.00
GCC58	1.00	0.01	0.08	0.00	0.89	0.01	0.00	0.00	0.98	0.00
GCC59	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.98	0.00
GCC6	1.00	0.01	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC60	1.00	0.00	0.00	0.00	0.30	0.69	0.00	0.00	0.15	0.00
GCC61	1.00	0.01	0.10	0.00	0.88	0.00	0.00	0.00	0.98	0.00
GCC61-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC62	1.00	0.01	0.00	0.00	0.48	0.51	0.00	0.00	0.91	0.00
GCC62-S	1.00	0.94	0.00	0.00	0.00	0.03	0.00	0.03	0.02	0.00
GCC63	1.00	0.01	0.60	0.00	0.39	0.00	0.00	0.00	0.95	0.00
GCC63-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC64	1.00	0.00	0.02	0.00	0.06	0.92	0.00	0.00	0.51	0.00
GCC65	1.00	0.00	0.00	0.00	0.97	0.02	0.00	0.00	0.97	0.00
GCC66	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
GCC67	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.98	0.00
GCC68	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.05	0.00
GCC7	1.00	0.01	0.00	0.00	0.00	0.04	0.00	0.95	0.03	0.00
GCC70	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.97	0.00
GCC71	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.87	0.00
GCC72	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC73	1.00	0.01	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GCC74	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.88	0.00
GCC75	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00
GCC8	1.00	0.82	0.05	0.00	0.13	0.00	0.00	0.00	0.91	0.00
GCC9	1.00	0.01	0.00	0.00	0.97	0.02	0.00	0.00	0.84	0.00
HPC1	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
HPC14	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
HPC15	1.00	0.02	0.00	0.00	0.04	0.94	0.00	0.00	0.00	0.00
HPC19	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
HPC2	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.01	0.00	0.00
HPC20	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00
HPC21_1	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.93	0.00
HPC21_2	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.99	0.00
HPC22	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.00
HPC24	1.00	0.01	0.02	0.00	0.00	0.00	0.97	0.00	0.00	0.00
HPC25	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.01	0.00	0.00
HPC26	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.99	0.00
HPC27	1.00	0.01	0.00	0.00	0.94	0.05	0.00	0.00	0.88	0.00
HPC28	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.98	0.00
HPC29	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.29	0.00
HPC3	1.00	0.01	0.00	0.00	0.97	0.02	0.00	0.00	0.01	0.00
HPC35_1	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.37	0.00
HPC36	1.00	0.01	0.02	0.00	0.97	0.00	0.00	0.00	0.00	0.00
HPC37	1.00	0.01	0.00	0.00	0.79	0.20	0.00	0.00	0.00	0.00
HPC38	1.00	0.01	0.00	0.00	0.95	0.03	0.00	0.00	0.98	0.00
HPC39	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.90	0.00
HPC4	1.00	0.01	0.00	0.00	0.94	0.00	0.00	0.05	0.79	0.00
HPC40	1.00	0.01	0.20	0.00	0.79	0.00	0.00	0.00	0.98	0.00
HPC42	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.98	0.00
HPC43	1.00	0.01	0.00	0.00	0.54	0.45	0.00	0.00	0.24	0.00
HPC44	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
HPC45	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.80	0.00
HPC46	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.94	0.00
HPC47	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.98	0.00
HPC48	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.54	0.00
HPC49	1.00	0.00	0.01	0.00	0.98	0.01	0.00	0.00	0.41	0.00
HPC5	1.00	0.01	0.00	0.00	0.92	0.00	0.00	0.07	0.29	0.00

HPC6	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.01	0.98	0.00
SRM1	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM1000	1.00	0.00	0.00	0.00	0.96	0.04	0.00	0.00	0.93	0.00
SRM1002	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.57	0.00
SRM1008	1.00	0.01	0.00	0.00	0.29	0.00	0.00	0.70	0.09	0.00
SRM101	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM1012	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.95	0.00
SRM1013	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM1014	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM1015	1.00	0.01	0.00	0.00	0.13	0.00	0.00	0.86	0.00	0.00
SRM1017	1.00	0.96	0.02	0.00	0.03	0.00	0.00	0.00	0.97	0.00
SRM1018	1.00	0.02	0.00	0.00	0.04	0.00	0.00	0.94	0.01	0.00
SRM102	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM103	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM104	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM1040	1.00	0.01	0.00	0.00	0.97	0.02	0.00	0.00	0.05	0.00
SRM105	1.00	0.01	0.00	0.00	0.77	0.21	0.00	0.00	0.54	0.00
SRM1053	1.00	0.85	0.03	0.00	0.12	0.00	0.00	0.00	0.92	0.00
SRM106	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
SRM107_2	1.00	0.00	0.00	0.00	0.36	0.64	0.00	0.00	0.53	0.00
SRM108	1.00	0.40	0.15	0.00	0.45	0.00	0.00	0.00	0.90	0.00
SRM109	1.00	0.01	0.00	0.00	0.14	0.00	0.00	0.85	0.07	0.00
SRM109-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM110	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.66	0.00
SRM111	1.00	0.01	0.00	0.00	0.41	0.00	0.00	0.58	0.12	0.00
SRM112	1.00	0.01	0.00	0.00	0.35	0.00	0.00	0.64	0.08	0.00
SRM114	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM116	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM120	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM120-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM121	1.00	0.02	0.00	0.00	0.02	0.00	0.00	0.96	0.01	0.00
SRM122	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM122-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM123	1.00	0.01	0.00	0.00	0.01	0.05	0.00	0.93	0.02	0.00
SRM123-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM124	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.96	0.00	0.00
SRM124-S	1.00	0.01	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM125	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.01	0.00
SRM125-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM13	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM130	1.00	0.01	0.00	0.00	0.42	0.00	0.00	0.57	0.00	0.00
SRM1306	1.00	0.01	0.00	0.00	0.30	0.00	0.00	0.69	0.01	0.00
SRM1306-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1308	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.03	0.00
SRM1308-S	1.00	0.78	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1309	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.80	0.00
SRM1309-S	1.00	0.75	0.03	0.00	0.22	0.00	0.00	0.00	0.83	0.00
SRM131	1.00	0.01	0.00	0.00	0.64	0.00	0.00	0.35	0.00	0.00
SRM1310	1.00	0.01	0.52	0.00	0.47	0.00	0.00	0.00	0.91	0.00
SRM132	1.00	0.01	0.00	0.00	0.48	0.00	0.00	0.51	0.00	0.00
SRM134	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.74	0.00
SRM136	1.00	0.01	0.00	0.00	0.65	0.34	0.00	0.00	0.48	0.00
SRM136-S	1.00	0.99	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
SRM137	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.95	0.00
SRM137-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM138	1.00	0.01	0.00	0.00	0.02	0.08	0.00	0.88	0.07	0.00
SRM138-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM139	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM139-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM13-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM14	1.00	0.01	0.00	0.00	0.09	0.00	0.00	0.90	0.02	0.00
SRM142	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.74	0.00
SRM144	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM144-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM145	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM145-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM146	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.97	0.00	0.00
SRM146-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM147	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM148	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00
SRM148-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM149	1.00	0.01	0.00	0.00	0.01	0.01	0.00	0.97	0.01	0.00
SRM149-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM14-S	1.00	0.94	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM150	1.00	0.01	0.00	0.00	0.05	0.00	0.00	0.94	0.02	0.00

SRM151	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM151-S	1.00	0.01	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM152	1.00	0.01	0.00	0.00	0.01	0.01	0.00	0.98	0.01	0.00
SRM152-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM153	1.00	0.96	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM154	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM155	1.00	0.01	0.00	0.00	0.00	0.01	0.00	0.98	0.00	0.00
SRM156	1.00	0.01	0.00	0.00	0.55	0.02	0.00	0.42	0.42	0.00
SRM158	1.00	0.01	0.00	0.00	0.84	0.15	0.00	0.00	0.97	0.00
SRM158-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM16	1.00	0.01	0.00	0.00	0.06	0.01	0.00	0.92	0.03	0.00
SRM162	1.00	0.01	0.00	0.00	0.00	0.03	0.00	0.96	0.02	0.00
SRM162-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM163	1.00	0.01	0.00	0.00	0.00	0.03	0.00	0.96	0.02	0.00
SRM163-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM164	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM164-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM165	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00
SRM165-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM166	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM166-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM168	1.00	0.01	0.00	0.00	0.03	0.06	0.00	0.90	0.06	0.00
SRM168-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM16-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM17	1.00	0.01	0.00	0.00	0.83	0.16	0.00	0.00	0.97	0.00
SRM170	1.00	0.01	0.00	0.00	0.97	0.00	0.00	0.01	0.92	0.00
SRM170-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM171	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.00
SRM1710	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1711	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1712	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1713	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1714	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1715	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1716	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1717	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1718	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1719	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM171-S	1.00	0.91	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1720	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1721	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1722	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1723	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1724	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1725	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1726	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1727	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1728	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1729	1.00	0.40	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1730	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.04	0.00
SRM1731	1.00	0.11	0.04	0.00	0.85	0.00	0.00	0.00	0.29	0.00
SRM1732	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1733	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1734	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1735	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM1736	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
SRM1737	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
SRM1738	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
SRM1739	1.00	0.03	0.50	0.00	0.47	0.00	0.00	0.00	0.85	0.00
SRM1740	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
SRM1741	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
SRM1743	1.00	0.02	0.01	0.00	0.00	0.97	0.00	0.00	0.00	0.00
SRM1744	1.00	0.01	0.00	0.00	0.01	0.98	0.00	0.00	0.00	0.00
SRM176	1.00	0.01	0.00	0.00	0.57	0.42	0.00	0.00	0.06	0.00
SRM176-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM178	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM178-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM179	1.00	0.01	0.00	0.00	0.00	0.01	0.00	0.98	0.00	0.00
SRM179-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM18	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM180	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM180-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM181	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM181-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM19	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00

SRM195	1.00	0.01	0.00	0.00	0.56	0.00	0.00	0.43	0.24	0.00
SRM195-S	1.00	0.98	0.01	0.00	0.01	0.00	0.00	0.00	0.97	0.00
SRM196	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.00	0.00
SRM196-S	1.00	0.97	0.02	0.00	0.02	0.00	0.00	0.00	0.97	0.00
SRM197	1.00	0.01	0.00	0.00	0.09	0.00	0.00	0.90	0.00	0.00
SRM197-S	1.00	0.97	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.00
SRM198	1.00	0.01	0.00	0.00	0.13	0.00	0.00	0.86	0.04	0.00
SRM198-S	1.00	0.98	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
SRM199	1.00	0.01	0.00	0.00	0.06	0.00	0.00	0.93	0.00	0.00
SRM199-S	1.00	0.97	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
SRM1-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM2	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.97	0.00	0.00
SRM20	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM200	1.00	0.01	0.00	0.00	0.07	0.00	0.00	0.92	0.01	0.00
SRM200-S	1.00	0.99	0.00	0.00	0.00	0.00	0.00	0.01	0.96	0.00
SRM201	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.00	0.00
SRM201-S	1.00	0.99	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
SRM202	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.95	0.00
SRM202-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM204	1.00	0.01	0.00	0.00	0.62	0.00	0.00	0.37	0.27	0.00
SRM204-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM206	1.00	0.01	0.00	0.00	0.64	0.00	0.00	0.35	0.47	0.00
SRM206-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM208	1.00	0.01	0.00	0.00	0.33	0.00	0.00	0.66	0.00	0.00
SRM208-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM209	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.55	0.00
SRM209-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM21	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM214	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
SRM215	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM215-S	1.00	0.91	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM216	1.00	0.01	0.00	0.00	0.64	0.00	0.00	0.35	0.42	0.00
SRM216-S	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM218	1.00	0.01	0.00	0.00	0.09	0.00	0.00	0.90	0.03	0.00
SRM218-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM219	1.00	0.01	0.00	0.00	0.74	0.00	0.00	0.25	0.05	0.00
SRM219-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM22	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.96	0.00	0.00
SRM220	1.00	0.01	0.00	0.00	0.22	0.00	0.00	0.77	0.12	0.00
SRM220-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM221	1.00	0.01	0.00	0.00	0.72	0.00	0.00	0.27	0.00	0.00
SRM221-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM222	1.00	0.01	0.00	0.00	0.14	0.00	0.00	0.85	0.01	0.00
SRM222-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM223	1.00	0.01	0.00	0.00	0.18	0.00	0.00	0.81	0.03	0.00
SRM223-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM224	1.00	0.01	0.00	0.00	0.59	0.00	0.00	0.40	0.00	0.00
SRM224-S	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM225	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.00	0.00
SRM225-S	1.00	0.98	0.00	0.00	0.02	0.00	0.00	0.00	0.97	0.00
SRM227	1.00	0.01	0.00	0.00	0.10	0.00	0.00	0.89	0.04	0.00
SRM227-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM228	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.92	0.00
SRM228-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM229	1.00	0.01	0.00	0.00	0.50	0.00	0.00	0.49	0.00	0.00
SRM229-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM23	1.00	0.01	0.00	0.00	0.01	0.01	0.00	0.97	0.00	0.00
SRM230	1.00	0.01	0.00	0.00	0.55	0.00	0.00	0.44	0.00	0.00
SRM230-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM231	1.00	0.01	0.00	0.00	0.70	0.00	0.00	0.29	0.40	0.00
SRM231-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM232	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
SRM232-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM233	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.96	0.00
SRM233-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM238	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.00	0.00
SRM238-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM239	1.00	0.01	0.00	0.00	0.12	0.00	0.00	0.87	0.00	0.00
SRM239-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM24	1.00	0.00	0.01	0.00	0.98	0.01	0.00	0.00	0.97	0.00
SRM240	1.00	0.01	0.00	0.00	0.28	0.00	0.00	0.71	0.06	0.00
SRM240-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM242	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM242-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM243	1.00	0.01	0.00	0.00	0.60	0.00	0.00	0.39	0.32	0.00

SRM243-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM244	1.00	0.01	0.00	0.00	0.95	0.04	0.00	0.00	0.98	0.00
SRM244-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM245	1.00	0.01	0.00	0.00	0.26	0.73	0.00	0.00	0.61	0.00
SRM245-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM246	1.00	0.01	0.00	0.00	0.25	0.74	0.00	0.00	0.88	0.00
SRM246-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM247	1.00	0.01	0.00	0.00	0.30	0.69	0.00	0.00	0.97	0.00
SRM247-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM248	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM248-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM249	1.00	0.01	0.00	0.00	0.24	0.75	0.00	0.00	0.89	0.00
SRM249-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM25	1.00	0.00	0.00	0.00	0.12	0.00	0.00	0.88	0.00	0.00
SRM250	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM250-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM251	1.00	0.96	0.02	0.00	0.00	0.00	0.00	0.01	0.97	0.00
SRM251-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM252	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.01	0.00
SRM253	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM253-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM254	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM254-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM255	1.00	0.01	0.00	0.00	0.00	0.01	0.00	0.98	0.01	0.00
SRM255-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM256	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.01	0.00
SRM256-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM257	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM257-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM258	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM258-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM259	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM259-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM26	1.00	0.92	0.06	0.00	0.00	0.02	0.00	0.00	0.97	0.00
SRM261	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
SRM261-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM262	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.97	0.00
SRM262-S	1.00	0.98	0.00	0.00	0.01	0.00	0.00	0.00	0.97	0.00
SRM263	1.00	0.73	0.08	0.00	0.18	0.00	0.00	0.00	0.92	0.00
SRM263-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM264	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.00	0.00
SRM264-S	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM266	1.00	0.01	0.00	0.00	0.41	0.00	0.00	0.58	0.08	0.00
SRM266-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM267	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM267-S	1.00	0.98	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
SRM268	1.00	0.01	0.00	0.00	0.11	0.00	0.00	0.88	0.05	0.00
SRM268-S	1.00	0.99	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
SRM269	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.91	0.00
SRM269-S	1.00	0.96	0.02	0.00	0.01	0.00	0.00	0.00	0.97	0.00
SRM27	1.00	0.01	0.00	0.00	0.68	0.01	0.00	0.30	0.18	0.00
SRM270	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.95	0.00
SRM270-S	1.00	0.97	0.01	0.00	0.02	0.00	0.01	0.00	0.00	0.00
SRM272	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.92	0.00
SRM272-S	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM273	1.00	0.01	0.03	0.00	0.96	0.00	0.00	0.00	0.94	0.00
SRM274	1.00	0.01	0.00	0.00	0.07	0.00	0.00	0.92	0.00	0.00
SRM274-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM275	1.00	0.01	0.00	0.00	0.07	0.00	0.00	0.92	0.00	0.00
SRM275-S	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM276	1.00	0.01	0.00	0.00	0.07	0.00	0.00	0.92	0.00	0.00
SRM276-S	1.00	0.95	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
SRM277	1.00	0.01	0.00	0.00	0.07	0.00	0.00	0.92	0.00	0.00
SRM277-S	1.00	0.95	0.03	0.00	0.02	0.00	0.00	0.00	0.97	0.00
SRM28	1.00	0.01	0.00	0.00	0.70	0.01	0.00	0.28	0.21	0.00
SRM280	1.00	0.00	0.00	0.00	0.75	0.25	0.00	0.00	0.14	0.00
SRM280-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM281	1.00	0.00	0.00	0.00	0.68	0.32	0.00	0.00	0.96	0.00
SRM281-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM283	1.00	0.00	0.00	0.00	0.66	0.34	0.00	0.00	0.95	0.00
SRM283-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM284	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.94	0.00
SRM284-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM287	1.00	0.01	0.00	0.00	0.03	0.07	0.00	0.90	0.05	0.00
SRM287-S	1.00	0.98	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00

SRM288	1.00	0.01	0.00	0.00	0.00	0.36	0.00	0.63	0.11	0.00
SRM289	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.97	0.00	0.00
SRM289-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM290	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM290-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM291	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM291-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM292	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.01	0.00
SRM293	1.00	0.01	0.00	0.00	0.00	0.03	0.00	0.96	0.01	0.00
SRM293-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM298	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.01	0.00
SRM298-S	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM299	1.00	0.01	0.00	0.00	0.08	0.00	0.00	0.91	0.01	0.00
SRM299-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM2-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM3	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.97	0.00	0.00
SRM30	1.00	0.00	0.01	0.00	0.91	0.08	0.00	0.00	0.95	0.00
SRM300	1.00	0.01	0.00	0.00	0.16	0.00	0.00	0.83	0.04	0.00
SRM300-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM301	1.00	0.01	0.00	0.00	0.50	0.00	0.00	0.49	0.21	0.00
SRM301-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM303	1.00	0.01	0.00	0.00	0.44	0.00	0.00	0.55	0.26	0.00
SRM303-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM304	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.43	0.00
SRM304-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM307	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM307-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM308	1.00	0.01	0.00	0.00	0.06	0.00	0.00	0.93	0.04	0.00
SRM308-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM31	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.00
SRM310	1.00	0.81	0.00	0.00	0.13	0.00	0.02	0.04	0.05	0.00
SRM310-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM312	1.00	0.01	0.00	0.00	0.86	0.00	0.00	0.13	0.82	0.00
SRM312-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM313	1.00	0.01	0.00	0.00	0.14	0.01	0.00	0.84	0.07	0.00
SRM313-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM314	1.00	0.01	0.00	0.00	0.18	0.00	0.00	0.81	0.11	0.00
SRM314-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM315	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.00	0.00
SRM315-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM316	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM316-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM317	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM318	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM318-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM319	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.96	0.01	0.00
SRM32	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	0.97	0.00
SRM320	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.01	0.00
SRM321	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.96	0.00	0.00
SRM321-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM322	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM322-S	1.00	0.99	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
SRM323	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM323-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM325	1.00	0.01	0.00	0.00	0.01	0.01	0.00	0.97	0.01	0.00
SRM325-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM326	1.00	0.01	0.00	0.00	0.02	0.01	0.00	0.96	0.01	0.00
SRM326-S	1.00	0.99	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
SRM327	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.01	0.00
SRM327-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM328	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM328-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM329	1.00	0.01	0.00	0.00	0.02	0.03	0.00	0.94	0.02	0.00
SRM329-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM33	1.00	0.01	0.00	0.00	0.05	0.02	0.00	0.92	0.04	0.00
SRM332	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM332-S	1.00	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM334	1.00	0.02	0.00	0.00	0.03	0.00	0.00	0.94	0.00	0.00
SRM335	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM335-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM336	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM336-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM337	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM337-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM338	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00

SRM338-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM339	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.01	0.00
SRM339-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM341	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.01	0.00
SRM341-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM342	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
SRM342-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM343	1.00	0.01	0.00	0.00	0.21	0.03	0.00	0.75	0.14	0.00
SRM343-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM345	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM345-S	1.00	0.99	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
SRM346	1.00	0.01	0.00	0.00	0.78	0.21	0.00	0.00	0.97	0.00
SRM346-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM347	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM347-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM349	1.00	0.01	0.00	0.00	0.01	0.01	0.00	0.97	0.01	0.00
SRM350	1.00	0.02	0.00	0.00	0.01	0.00	0.00	0.97	0.00	0.00
SRM351	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM351-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM352	1.00	0.01	0.00	0.00	0.00	0.01	0.00	0.97	0.01	0.00
SRM352-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM353	1.00	0.01	0.00	0.00	0.00	0.03	0.00	0.96	0.02	0.00
SRM353-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM354	1.00	0.01	0.00	0.00	0.00	0.03	0.00	0.96	0.02	0.00
SRM354-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM355	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM355-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM356	1.00	0.01	0.00	0.00	0.39	0.60	0.00	0.00	0.96	0.00
SRM356-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM363	1.00	0.01	0.00	0.00	0.02	0.01	0.00	0.96	0.01	0.00
SRM363-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM364	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM364-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM366	1.00	0.01	0.00	0.00	0.26	0.73	0.00	0.00	0.08	0.00
SRM366-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM368	1.00	0.01	0.00	0.00	0.12	0.87	0.00	0.00	0.02	0.00
SRM368-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM369	1.00	0.01	0.00	0.00	0.13	0.86	0.00	0.00	0.03	0.00
SRM369-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM371	1.00	0.01	0.00	0.00	0.24	0.75	0.00	0.00	0.97	0.00
SRM371-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM372	1.00	0.01	0.00	0.00	0.23	0.76	0.00	0.00	0.23	0.00
SRM372-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM374	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.82	0.00
SRM374-S	1.00	0.91	0.05	0.00	0.03	0.01	0.00	0.00	0.97	0.00
SRM376	1.00	0.01	0.00	0.00	0.66	0.33	0.00	0.00	0.01	0.00
SRM376-S	1.00	0.99	0.00	0.00	0.00	0.01	0.00	0.00	0.97	0.00
SRM377	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.90	0.00
SRM377-S	1.00	0.89	0.06	0.00	0.05	0.00	0.00	0.00	0.97	0.00
SRM378	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.95	0.00
SRM378-S	1.00	0.95	0.03	0.00	0.01	0.01	0.00	0.00	0.97	0.00
SRM379	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
SRM379-S	1.00	0.97	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
SRM381	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.96	0.00
SRM381-S	1.00	0.97	0.02	0.00	0.00	0.00	0.00	0.00	0.97	0.00
SRM382	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.93	0.00
SRM382-S	1.00	0.96	0.00	0.00	0.03	0.00	0.00	0.01	0.01	0.00
SRM383	1.00	0.01	0.17	0.00	0.82	0.00	0.00	0.00	0.95	0.00
SRM383-S	1.00	0.96	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM387	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.90	0.00
SRM387-S	1.00	0.93	0.00	0.00	0.02	0.00	0.00	0.05	0.01	0.00
SRM388	1.00	0.01	0.71	0.00	0.28	0.00	0.00	0.00	0.90	0.00
SRM388-S	1.00	0.91	0.01	0.00	0.06	0.00	0.02	0.00	0.00	0.00
SRM390	1.00	0.01	0.31	0.00	0.68	0.00	0.00	0.00	0.79	0.00
SRM390-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM391	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.20	0.00
SRM391-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM393	1.00	0.01	0.00	0.00	0.72	0.27	0.00	0.00	0.10	0.00
SRM393-S	1.00	0.97	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
SRM394	1.00	0.01	0.00	0.00	0.49	0.50	0.00	0.00	0.68	0.00
SRM394-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM395	1.00	0.01	0.00	0.00	0.83	0.16	0.00	0.00	0.73	0.00
SRM395-S	1.00	0.88	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM396	1.00	0.01	0.00	0.00	0.70	0.29	0.00	0.00	0.57	0.00
SRM396-S	1.00	0.88	0.02	0.00	0.10	0.00	0.00	0.00	0.90	0.00

SRM3-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM4	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM400	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.01	0.00
SRM400-S	1.00	0.89	0.04	0.00	0.04	0.00	0.04	0.00	0.00	0.00
SRM402	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.87	0.00
SRM403	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.44	0.00
SRM405	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.87	0.00
SRM406	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
SRM408	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.80	0.00
SRM410	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.79	0.00
SRM411	1.00	0.01	0.00	0.00	0.82	0.16	0.00	0.00	0.00	0.00
SRM411-S	1.00	0.97	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
SRM414	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.87	0.00
SRM415	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.01	0.00
SRM420	1.00	0.01	0.00	0.00	0.17	0.00	0.00	0.82	0.00	0.00
SRM420-S	1.00	0.84	0.02	0.00	0.10	0.00	0.04	0.00	0.00	0.00
SRM422	1.00	0.01	0.00	0.00	0.28	0.71	0.00	0.00	0.00	0.00
SRM422-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM424	1.00	0.01	0.00	0.00	0.35	0.64	0.00	0.00	0.00	0.00
SRM426	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM426-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM427	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM427-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM428	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM428-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM429	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM429-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM430	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM430-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM431	1.00	0.01	0.00	0.00	0.00	0.02	0.00	0.97	0.01	0.00
SRM431-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM432	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.01	0.00
SRM432-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM433	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM433-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM434	1.00	0.01	0.00	0.00	0.00	0.02	0.00	0.97	0.01	0.00
SRM434-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM435	1.00	0.01	0.00	0.00	0.00	0.03	0.00	0.96	0.02	0.00
SRM435-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM436	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
SRM437	1.00	0.01	0.02	0.00	0.01	0.01	0.00	0.95	0.01	0.00
SRM438	1.00	0.01	0.00	0.00	0.00	0.02	0.00	0.97	0.01	0.00
SRM438-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM439	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM439-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM440	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.00	0.00
SRM440-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM441	1.00	0.01	0.00	0.00	0.00	0.01	0.00	0.97	0.01	0.00
SRM441-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM442	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM442-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM445	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM445-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM448	1.00	0.01	0.00	0.00	0.02	0.47	0.00	0.50	0.32	0.00
SRM448-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM449	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM449-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM450	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.97	0.00
SRM450-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM451	1.00	0.01	0.00	0.00	0.43	0.56	0.00	0.00	0.51	0.00
SRM451-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM452	1.00	0.01	0.00	0.00	0.08	0.00	0.00	0.91	0.04	0.00
SRM452-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM453	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM453-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM454	1.00	0.01	0.00	0.00	0.07	0.00	0.00	0.92	0.00	0.00
SRM454-S	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
SRM455	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM455-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM456	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM456-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM457	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM458	1.00	0.01	0.01	0.00	0.05	0.00	0.00	0.94	0.01	0.00
SRM459	1.00	0.01	0.00	0.00	0.56	0.00	0.00	0.42	0.41	0.00
SRM459-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SRM46	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.93	0.00
SRM460	1.00	0.01	0.00	0.00	0.02	0.03	0.00	0.94	0.02	0.00
SRM460-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM461	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM461-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM462	1.00	0.01	0.00	0.00	0.11	0.00	0.00	0.88	0.04	0.00
SRM462-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM463	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM463-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM464	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.98	0.00
SRM464-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM465	1.00	0.01	0.00	0.00	0.07	0.01	0.00	0.91	0.04	0.00
SRM465-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM466	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM466-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM467	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM467-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM468	1.00	0.03	0.00	0.00	0.03	0.00	0.00	0.95	0.00	0.00
SRM469	1.00	0.01	0.00	0.00	0.85	0.14	0.00	0.00	0.96	0.00
SRM469-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM47	1.00	0.01	0.00	0.00	0.11	0.00	0.00	0.88	0.03	0.00
SRM470	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM470-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM471	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM471-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM472	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM473	1.00	0.01	0.00	0.00	0.20	0.00	0.00	0.79	0.06	0.00
SRM473-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM474	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.01	0.00
SRM474-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM475	1.00	0.01	0.00	0.00	0.06	0.01	0.00	0.92	0.01	0.00
SRM475-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM476	1.00	0.01	0.00	0.00	0.05	0.00	0.00	0.94	0.01	0.00
SRM476-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM477	1.00	0.01	0.00	0.00	0.09	0.00	0.00	0.90	0.02	0.00
SRM477-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM478	1.00	0.01	0.00	0.00	0.26	0.00	0.00	0.73	0.03	0.00
SRM478-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM479	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
SRM479-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM48	1.00	0.01	0.07	0.00	0.92	0.00	0.00	0.00	0.95	0.00
SRM480	1.00	0.01	0.00	0.00	0.18	0.00	0.00	0.81	0.05	0.00
SRM480-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM481	1.00	0.01	0.00	0.00	0.52	0.00	0.00	0.47	0.17	0.00
SRM481-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM482	1.00	0.01	0.00	0.00	0.09	0.00	0.00	0.90	0.02	0.00
SRM482-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM483	1.00	0.01	0.00	0.00	0.17	0.00	0.00	0.82	0.02	0.00
SRM483-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM484	1.00	0.01	0.00	0.00	0.14	0.00	0.00	0.85	0.07	0.00
SRM484-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM485	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.01	0.00
SRM485-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM486	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.01	0.00
SRM486-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM487	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM487-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM488	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM488-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM489	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM489-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM49	1.00	0.01	0.00	0.00	0.05	0.00	0.00	0.94	0.01	0.00
SRM490	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.01	0.00
SRM490-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM491	1.00	0.01	0.00	0.00	0.14	0.00	0.00	0.85	0.06	0.00
SRM491-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM492	1.00	0.01	0.00	0.00	0.15	0.00	0.00	0.84	0.01	0.00
SRM492-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM493	1.00	0.01	0.00	0.00	0.17	0.00	0.00	0.82	0.01	0.00
SRM493-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM494	1.00	0.01	0.00	0.00	0.20	0.00	0.00	0.79	0.01	0.00
SRM494-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM495	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM495-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM496	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00

SRM496-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM497	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM497-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM498	1.00	0.01	0.00	0.00	0.17	0.00	0.00	0.82	0.01	0.00
SRM498-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM499	1.00	0.01	0.00	0.00	0.14	0.00	0.00	0.85	0.05	0.00
SRM499-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM4-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM5	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM50	1.00	0.01	0.02	0.00	0.97	0.00	0.00	0.00	0.98	0.00
SRM500	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM500-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM501	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM501-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM502	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM502-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM503	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM503-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM504	1.00	0.01	0.00	0.00	0.01	0.01	0.00	0.97	0.00	0.00
SRM504-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM505	1.00	0.01	0.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00
SRM505-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM506	1.00	0.01	0.96	0.00	0.02	0.00	0.00	0.00	0.96	0.00
SRM506-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM507	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM507-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM509	1.00	0.01	0.00	0.00	0.11	0.00	0.00	0.88	0.02	0.00
SRM509-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM51	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.96	0.00
SRM510	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM510-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM511	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM511-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM512	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM512-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM513	1.00	0.01	0.00	0.00	0.00	0.01	0.00	0.98	0.00	0.00
SRM513-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM514	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM514-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM515	1.00	0.01	0.00	0.00	0.03	0.03	0.00	0.93	0.04	0.00
SRM515-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM516	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.00	0.00
SRM516-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM517	1.00	0.01	0.00	0.00	0.02	0.03	0.00	0.94	0.03	0.00
SRM517-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM518	1.00	0.01	0.00	0.00	0.02	0.03	0.00	0.94	0.00	0.00
SRM518-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM519	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM519-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM51-S	1.00	0.98	0.01	0.00	0.01	0.00	0.00	0.00	0.97	0.00
SRM52	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.23	0.00
SRM520	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM520-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM521	1.00	0.01	0.00	0.00	0.05	0.01	0.00	0.93	0.03	0.00
SRM522	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM523	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM523-S	1.00	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.00
SRM524	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.45	0.00
SRM524-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM525_2	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.74	0.00
SRM526	1.00	0.01	0.00	0.00	0.64	0.00	0.00	0.35	0.00	0.00
SRM527	1.00	0.01	0.00	0.00	0.69	0.00	0.00	0.30	0.01	0.00
SRM527-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM528	1.00	0.01	0.00	0.00	0.19	0.00	0.00	0.80	0.00	0.00
SRM528-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM529	1.00	0.01	0.00	0.00	0.05	0.00	0.00	0.94	0.00	0.00
SRM529-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM53	1.00	0.01	0.00	0.00	0.10	0.00	0.00	0.89	0.00	0.00
SRM530	1.00	0.00	0.00	0.00	0.26	0.74	0.00	0.00	0.11	0.00
SRM530-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM532	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.01	0.00
SRM533	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
SRM535	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM535-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM536	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.97	0.00	0.00

SRM537	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM538	1.00	0.01	0.00	0.00	0.24	0.75	0.00	0.00	0.76	0.00
SRM54	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.98	0.00
SRM540	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.01	0.00
SRM541	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.01	0.00
SRM542	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.00	0.00
SRM542-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM544	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM548	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM548-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM549	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM549-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM54-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM55	1.00	0.00	0.00	0.00	0.66	0.34	0.00	0.00	0.97	0.00
SRM550	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM551	1.00	0.01	0.00	0.00	0.00	0.01	0.00	0.98	0.01	0.00
SRM552	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00
SRM553	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.01	0.00
SRM555	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM556	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.94	0.00	0.00
SRM556-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM557	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM557-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM55-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM561	1.00	0.02	0.00	0.00	0.13	0.00	0.00	0.85	0.00	0.00
SRM562	1.00	0.01	0.00	0.00	0.17	0.00	0.00	0.82	0.00	0.00
SRM562-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM563	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM563-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM565	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.96	0.00	0.00
SRM565-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM566	1.00	0.02	0.00	0.00	0.01	0.00	0.00	0.97	0.00	0.00
SRM567	1.00	0.01	0.73	0.00	0.26	0.00	0.00	0.00	0.88	0.00
SRM567-S	1.00	0.90	0.00	0.00	0.10	0.00	0.00	0.00	0.91	0.00
SRM568	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.88	0.00
SRM568-S	1.00	0.90	0.02	0.00	0.06	0.00	0.02	0.00	0.00	0.00
SRM569	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.00
SRM569-S	1.00	0.93	0.00	0.00	0.06	0.00	0.01	0.00	0.00	0.00
SRM57	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.01	0.00
SRM573	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.87	0.00
SRM573-S	1.00	0.92	0.01	0.00	0.06	0.00	0.00	0.00	0.93	0.00
SRM574	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.87	0.00
SRM574-S	1.00	0.92	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00
SRM575	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.00
SRM575-S	1.00	0.92	0.02	0.00	0.02	0.00	0.03	0.00	0.01	0.00
SRM578	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.87	0.00
SRM578-S	1.00	0.94	0.01	0.00	0.05	0.00	0.00	0.00	0.93	0.00
SRM579	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.88	0.00
SRM579-S	1.00	0.93	0.01	0.00	0.06	0.00	0.00	0.00	0.94	0.00
SRM57-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM58	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM580	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.87	0.00
SRM580-S	1.00	0.93	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM581	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.86	0.00
SRM581-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM582	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.87	0.00
SRM582-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM584	1.00	0.01	0.00	0.00	0.16	0.00	0.00	0.83	0.00	0.00
SRM584-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM585	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
SRM585-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM586	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.85	0.00
SRM586-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM587	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.79	0.00
SRM587-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM588	1.00	0.01	0.00	0.00	0.89	0.09	0.00	0.00	0.88	0.00
SRM589	1.00	0.01	0.00	0.00	0.57	0.00	0.00	0.42	0.00	0.00
SRM589-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM58-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM59	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM590	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.79	0.00
SRM590-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM591	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
SRM591-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM592	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.79	0.00

SRM592-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM593	1.00	0.01	0.00	0.00	0.97	0.02	0.00	0.00	0.87	0.00
SRM593-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM594	1.00	0.01	0.00	0.00	0.28	0.00	0.00	0.70	0.00	0.00
SRM595	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.12	0.00
SRM596	1.00	0.01	0.00	0.00	0.40	0.59	0.00	0.00	0.07	0.00
SRM596-S	1.00	0.93	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00
SRM597	1.00	0.01	0.00	0.00	0.33	0.00	0.00	0.66	0.00	0.00
SRM597-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM598	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.79	0.00
SRM598-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM599	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
SRM599-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM59-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM5-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM6	1.00	0.01	0.00	0.00	0.10	0.00	0.00	0.89	0.04	0.00
SRM60	1.00	0.01	0.00	0.00	0.84	0.15	0.00	0.00	0.96	0.00
SRM600	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.86	0.00
SRM602	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.76	0.00
SRM602-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM603	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.39	0.00
SRM603-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM604	1.00	0.01	0.00	0.00	0.19	0.00	0.00	0.80	0.00	0.00
SRM604-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM605	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.79	0.00
SRM605-S	1.00	0.97	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM606	1.00	0.01	0.00	0.00	0.97	0.01	0.00	0.00	0.00	0.00
SRM606-S	1.00	0.91	0.06	0.00	0.03	0.00	0.00	0.00	0.96	0.00
SRM607	1.00	0.01	0.00	0.00	0.18	0.00	0.00	0.81	0.00	0.00
SRM60-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM61	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM610	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM610-S	1.00	0.98	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
SRM612	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM612-S	1.00	0.98	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00
SRM613	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM613-S	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM614	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM614-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM615	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.98	0.00
SRM615-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM616	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM616-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM617	1.00	0.01	0.00	0.00	0.94	0.05	0.00	0.00	0.79	0.00
SRM617-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM618	1.00	0.01	0.96	0.00	0.03	0.00	0.00	0.00	0.97	0.00
SRM618-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM619	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM61-S	1.00	0.99	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
SRM620	1.00	0.01	0.00	0.00	0.76	0.23	0.00	0.00	0.83	0.00
SRM620-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM621	1.00	0.01	0.00	0.00	0.02	0.05	0.00	0.92	0.02	0.00
SRM621-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM622	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM622-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM623	1.00	0.01	0.00	0.00	0.81	0.18	0.00	0.00	0.92	0.00
SRM623-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM624	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM624-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM625	1.00	0.01	0.00	0.00	0.10	0.00	0.00	0.88	0.07	0.00
SRM626	1.00	0.01	0.00	0.00	0.00	0.02	0.00	0.97	0.01	0.00
SRM626-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM627	1.00	0.01	0.00	0.00	0.00	0.02	0.00	0.97	0.01	0.00
SRM627-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM628	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM628-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.97	0.00
SRM629	1.00	0.01	0.00	0.00	0.09	0.00	0.00	0.89	0.05	0.00
SRM629-S	1.00	0.98	0.01	0.00	0.01	0.00	0.00	0.00	0.97	0.00
SRM63	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM630	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM630-S	1.00	0.98	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
SRM631	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM631-S	1.00	0.96	0.00	0.00	0.00	0.02	0.00	0.02	0.01	0.00
SRM632	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM632-S	1.00	0.01	0.97	0.00	0.02	0.00	0.00	0.00	0.97	0.00

SRM633	1.00	0.01	0.96	0.00	0.03	0.00	0.00	0.00	0.95	0.00
SRM633-S	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM634	1.00	0.51	0.39	0.00	0.00	0.10	0.00	0.00	0.91	0.00
SRM635	1.00	0.02	0.00	0.00	0.90	0.09	0.00	0.00	0.05	0.00
SRM63-S	1.00	0.99	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
SRM64	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.91	0.00
SRM640	1.00	0.01	0.01	0.00	0.40	0.59	0.00	0.00	0.70	0.00
SRM641	1.00	0.01	0.00	0.00	0.92	0.07	0.00	0.00	0.26	0.00
SRM641-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM642	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM643	1.00	0.01	0.00	0.00	0.02	0.02	0.00	0.95	0.02	0.00
SRM643-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM646	1.00	0.01	0.00	0.00	0.58	0.41	0.00	0.00	0.97	0.00
SRM646-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM64-S	1.00	0.01	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM65	1.00	0.01	0.00	0.00	0.91	0.08	0.00	0.00	0.77	0.00
SRM650	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM655	1.00	0.01	0.00	0.00	0.05	0.01	0.00	0.93	0.03	0.00
SRM655-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM656	1.00	0.01	0.00	0.00	0.11	0.00	0.00	0.88	0.05	0.00
SRM656-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM658	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM658-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM65-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM66	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM661	1.00	0.99	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
SRM661-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM662	1.00	0.01	0.00	0.00	0.88	0.11	0.00	0.00	0.00	0.00
SRM662-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM666	1.00	0.01	0.00	0.00	0.61	0.38	0.00	0.00	0.53	0.00
SRM666-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM668	1.00	0.01	0.83	0.00	0.16	0.00	0.00	0.00	0.97	0.00
SRM668-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM67	1.00	0.01	0.00	0.00	0.02	0.97	0.00	0.00	0.02	0.00
SRM68	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
SRM680	1.00	0.00	0.00	0.00	0.47	0.53	0.00	0.00	0.45	0.00
SRM680-S	1.00	0.94	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
SRM681	1.00	0.00	0.00	0.00	0.49	0.51	0.00	0.00	0.94	0.00
SRM681-S	1.00	0.84	0.00	0.00	0.00	0.01	0.00	0.15	0.00	0.00
SRM682	1.00	0.00	0.00	0.00	0.45	0.55	0.00	0.00	0.89	0.00
SRM682-S	1.00	0.84	0.06	0.00	0.06	0.03	0.00	0.00	0.97	0.00
SRM683	1.00	0.00	0.00	0.00	0.45	0.55	0.00	0.00	0.82	0.00
SRM683-S	1.00	0.86	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00
SRM684	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
SRM684-S	1.00	0.00	0.00	0.00	0.00	0.01	0.00	0.99	0.01	0.00
SRM685	1.00	0.00	0.00	0.00	0.49	0.51	0.00	0.00	0.98	0.00
SRM687	1.00	0.00	0.00	0.00	0.29	0.71	0.00	0.00	0.01	0.00
SRM688	1.00	0.00	0.00	0.00	0.34	0.65	0.00	0.00	0.08	0.00
SRM689	1.00	0.00	0.00	0.00	0.72	0.28	0.00	0.00	0.89	0.00
SRM689-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM69	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.14	0.00
SRM691	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	0.98	0.00
SRM691-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM693	1.00	0.01	0.00	0.00	0.16	0.83	0.00	0.00	0.03	0.00
SRM694	1.00	0.01	0.00	0.00	0.77	0.22	0.00	0.00	0.99	0.00
SRM696	1.00	0.01	0.96	0.00	0.03	0.00	0.00	0.00	0.96	0.00
SRM696-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM698	1.00	0.01	0.00	0.00	0.55	0.44	0.00	0.00	0.98	0.00
SRM699	1.00	0.01	0.00	0.00	0.46	0.53	0.00	0.00	0.01	0.00
SRM7	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM70	1.00	0.86	0.10	0.00	0.03	0.00	0.00	0.00	0.97	0.00
SRM700	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	0.21	0.00
SRM700-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM701	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	0.98	0.00
SRM701-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM702	1.00	0.01	0.14	0.00	0.85	0.00	0.00	0.00	0.99	0.00
SRM703	1.00	0.01	0.00	0.00	0.27	0.72	0.00	0.00	0.19	0.00
SRM703-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM71	1.00	0.01	0.87	0.00	0.12	0.00	0.00	0.00	0.94	0.00
SRM71-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM723	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.93	0.00
SRM723-S	1.00	0.92	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM724	1.00	0.01	0.00	0.00	0.01	0.05	0.00	0.93	0.03	0.00
SRM724-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM725_ADD	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.47	0.00

SRM725-S_ADD	1.00	0.01	0.98	0.00	0.01	0.00	0.00	0.00	0.97	0.00
SRM726	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
SRM726_ADD	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.90	0.00
SRM726-S	1.00	0.02	0.82	0.00	0.16	0.00	0.00	0.00	0.98	0.00
SRM726-S_ADD	1.00	0.97	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
SRM727	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.00	0.00
SRM727_ADD	1.00	0.01	0.87	0.00	0.12	0.00	0.00	0.00	0.95	0.00
SRM728	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
SRM728_ADD	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
SRM728-S	1.00	0.02	0.82	0.00	0.15	0.00	0.01	0.00	0.88	0.00
SRM728-S_ADD	1.00	0.97	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
SRM73	1.00	0.01	0.00	0.00	0.97	0.02	0.00	0.00	0.09	0.00
SRM730	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.97	0.00
SRM730_ADD	1.00	0.01	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM730-S	1.00	0.02	0.97	0.00	0.01	0.00	0.00	0.00	0.97	0.00
SRM730-S_ADD	1.00	0.97	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM731	1.00	0.00	0.00	0.00	0.52	0.00	0.00	0.48	0.12	0.00
SRM733	1.00	0.00	0.00	0.00	0.01	0.00	0.00	0.99	0.00	0.00
SRM733-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM735	1.00	0.01	0.00	0.00	0.00	0.01	0.00	0.98	0.00	0.00
SRM735-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM736	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM736-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM738	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM739	1.00	0.01	0.00	0.00	0.00	0.02	0.00	0.97	0.01	0.00
SRM739-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM740	1.00	0.01	0.00	0.00	0.00	0.01	0.00	0.98	0.01	0.00
SRM740-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM741	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM742	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM743	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM743-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM744	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM744-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM745	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM745-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM746	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM747	1.00	0.02	0.01	0.00	0.05	0.00	0.00	0.93	0.01	0.00
SRM747-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM748	1.00	0.01	0.00	0.00	0.05	0.00	0.00	0.94	0.00	0.00
SRM748-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.97	0.00
SRM749	1.00	0.01	0.01	0.00	0.04	0.00	0.94	0.00	0.00	0.00
SRM749-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM75	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
SRM750	1.00	0.01	0.00	0.00	0.05	0.00	0.00	0.94	0.00	0.00
SRM750-S	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM751	1.00	0.01	0.00	0.00	0.89	0.10	0.00	0.00	0.94	0.00
SRM751-S	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM752	1.00	0.01	0.00	0.00	0.05	0.00	0.00	0.94	0.00	0.00
SRM752-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM753	1.00	0.01	0.00	0.00	0.05	0.00	0.00	0.94	0.00	0.00
SRM753-S	1.00	0.98	0.01	0.00	0.01	0.00	0.00	0.00	0.97	0.00
SRM754	1.00	0.01	0.00	0.00	0.05	0.00	0.00	0.94	0.00	0.00
SRM754-S	1.00	0.98	0.01	0.00	0.01	0.00	0.00	0.00	0.97	0.00
SRM755	1.00	0.02	0.00	0.00	0.05	0.00	0.00	0.93	0.00	0.00
SRM756	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.97	0.01	0.00
SRM756-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM757	1.00	0.01	0.00	0.00	0.02	0.01	0.00	0.96	0.01	0.00
SRM757-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM758	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM758-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM759	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.95	0.00	0.00
SRM76	1.00	0.01	0.00	0.00	0.43	0.56	0.00	0.00	0.54	0.00
SRM760	1.00	0.02	0.01	0.00	0.03	0.00	0.00	0.94	0.01	0.00
SRM760-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM761	1.00	0.01	0.00	0.00	0.05	0.02	0.00	0.92	0.02	0.00
SRM761-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM762	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.00	0.00
SRM763	1.00	0.01	0.00	0.00	0.97	0.02	0.00	0.00	0.97	0.00
SRM763-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM764	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM764-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM765	1.00	0.01	0.00	0.00	0.00	0.01	0.00	0.98	0.00	0.00
SRM765-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM769	1.00	0.01	0.00	0.00	0.77	0.22	0.00	0.00	0.95	0.00

SRM769-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM77	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM770	1.00	0.01	0.00	0.00	0.67	0.32	0.00	0.00	0.98	0.00
SRM770-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM772	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.95	0.00	0.00
SRM772-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.97	0.00
SRM773	1.00	0.01	0.00	0.00	0.15	0.07	0.00	0.77	0.03	0.00
SRM774	1.00	0.01	0.00	0.00	0.01	0.01	0.00	0.97	0.01	0.00
SRM774-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM775	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
SRM775-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM776	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.96	0.00	0.00
SRM78	1.00	0.01	0.00	0.00	0.04	0.00	0.00	0.94	0.02	0.00
SRM79	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
SRM798	1.00	0.01	0.00	0.00	0.19	0.00	0.00	0.80	0.04	0.00
SRM798-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM7-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM8	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.19	0.00
SRM80	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM800	1.00	0.01	0.01	0.00	0.11	0.00	0.00	0.87	0.03	0.00
SRM800-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM801	1.00	0.01	0.00	0.00	0.14	0.00	0.00	0.85	0.01	0.00
SRM801-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM802	1.00	0.01	0.00	0.00	0.10	0.00	0.00	0.89	0.00	0.00
SRM802-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM803	1.00	0.01	0.00	0.00	0.14	0.00	0.00	0.85	0.05	0.00
SRM803-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM804	1.00	0.01	0.00	0.00	0.06	0.00	0.00	0.93	0.00	0.00
SRM804-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM805	1.00	0.02	0.00	0.00	0.06	0.00	0.00	0.91	0.00	0.00
SRM806	1.00	0.01	0.00	0.00	0.07	0.00	0.00	0.92	0.00	0.00
SRM806-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM807	1.00	0.91	0.00	0.00	0.04	0.00	0.00	0.05	0.00	0.00
SRM807-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM808	1.00	0.01	0.00	0.00	0.15	0.00	0.00	0.84	0.06	0.00
SRM808-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM809	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.95	0.00
SRM809-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM81	1.00	0.01	0.00	0.00	0.49	0.25	0.00	0.25	0.01	0.00
SRM810	1.00	0.01	0.00	0.00	0.29	0.00	0.00	0.70	0.03	0.00
SRM814	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.80	0.00
SRM815	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.80	0.00
SRM816	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.80	0.00
SRM82	1.00	0.01	0.00	0.00	0.00	0.01	0.00	0.98	0.00	0.00
SRM826	1.00	0.01	0.00	0.00	0.07	0.00	0.00	0.92	0.00	0.00
SRM826-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM83	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM830	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM831	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM832	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM833	1.00	0.91	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM834	1.00	0.01	0.00	0.00	0.97	0.01	0.00	0.00	0.00	0.00
SRM836	1.00	0.01	0.00	0.00	0.01	0.00	0.00	0.98	0.00	0.00
SRM836-S	1.00	0.99	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00
SRM838	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
SRM839	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM84	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM840	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.59	0.00
SRM844	1.00	0.01	0.00	0.00	0.43	0.00	0.00	0.56	0.14	0.00
SRM844-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM845	1.00	0.01	0.01	0.00	0.24	0.00	0.00	0.74	0.02	0.00
SRM845-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM846	1.00	0.01	0.00	0.00	0.20	0.00	0.00	0.79	0.03	0.00
SRM847	1.00	0.01	0.00	0.00	0.17	0.00	0.00	0.82	0.02	0.00
SRM847-S	1.00	0.97	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM848	1.00	0.01	0.00	0.00	0.17	0.00	0.00	0.82	0.03	0.00
SRM848-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM849	1.00	0.01	0.00	0.00	0.16	0.00	0.00	0.83	0.01	0.00
SRM849-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM85	1.00	0.01	0.00	0.00	0.29	0.70	0.00	0.00	0.97	0.00
SRM850	1.00	0.01	0.00	0.00	0.06	0.00	0.00	0.93	0.00	0.00
SRM850-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM851	1.00	0.01	0.00	0.00	0.31	0.00	0.00	0.68	0.00	0.00
SRM851-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM852	1.00	0.01	0.00	0.00	0.16	0.00	0.00	0.82	0.06	0.00

SRM852-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM853	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM853-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM854	1.00	0.01	0.00	0.00	0.00	0.09	0.00	0.90	0.06	0.00
SRM854-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM855	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM855-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM856	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM856-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM857	1.00	0.96	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM857-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM858	1.00	0.03	0.00	0.00	0.05	0.00	0.00	0.92	0.00	0.00
SRM858-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM859	1.00	0.01	0.00	0.00	0.59	0.40	0.00	0.00	0.01	0.00
SRM859-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM86	1.00	0.01	0.00	0.00	0.17	0.82	0.00	0.00	0.01	0.00
SRM863	1.00	0.01	0.00	0.00	0.06	0.00	0.00	0.93	0.00	0.00
SRM863-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM864	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.91	0.00
SRM864-S	1.00	0.93	0.01	0.00	0.06	0.00	0.01	0.00	0.00	0.00
SRM865	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.92	0.00
SRM865-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM866	1.00	0.01	0.00	0.00	0.10	0.00	0.00	0.89	0.00	0.00
SRM866-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM867	1.00	0.01	0.00	0.00	0.15	0.00	0.00	0.84	0.00	0.00
SRM867-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM869	1.00	0.01	0.00	0.00	0.11	0.00	0.00	0.88	0.00	0.00
SRM869-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM870	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.92	0.00
SRM870-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM871	1.00	0.01	0.00	0.00	0.15	0.00	0.00	0.84	0.00	0.00
SRM871-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM872	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.87	0.00
SRM872-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM873	1.00	0.01	0.00	0.00	0.10	0.00	0.00	0.89	0.00	0.00
SRM873-S	1.00	0.94	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM876	1.00	0.01	0.00	0.00	0.09	0.00	0.00	0.90	0.00	0.00
SRM876-S	1.00	0.95	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM88	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM880	1.00	0.01	0.00	0.00	0.06	0.00	0.00	0.93	0.01	0.00
SRM880-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM881	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.86	0.00
SRM881-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM882	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.92	0.00
SRM882-S	1.00	0.98	0.01	0.00	0.00	0.00	0.00	0.00	0.97	0.00
SRM883	1.00	0.01	0.00	0.00	0.06	0.00	0.00	0.93	0.00	0.00
SRM883-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM884	1.00	0.01	0.25	0.00	0.74	0.00	0.00	0.00	0.96	0.00
SRM884-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM885	1.00	0.01	0.00	0.00	0.18	0.00	0.00	0.81	0.00	0.00
SRM885-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM886	1.00	0.01	0.05	0.00	0.94	0.00	0.00	0.00	0.94	0.00
SRM886-S	1.00	0.97	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM887	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.92	0.00
SRM887-S	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM888	1.00	0.01	0.00	0.00	0.10	0.00	0.00	0.89	0.00	0.00
SRM888-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM889	1.00	0.01	0.00	0.00	0.09	0.00	0.00	0.90	0.00	0.00
SRM889-S	1.00	0.93	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00
SRM89	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.80	0.00
SRM890	1.00	0.01	0.00	0.00	0.10	0.00	0.00	0.89	0.01	0.00
SRM890-S	1.00	0.92	0.01	0.00	0.07	0.00	0.00	0.00	0.00	0.00
SRM891	1.00	0.01	0.00	0.00	0.09	0.00	0.00	0.90	0.00	0.00
SRM891-S	1.00	0.92	0.00	0.00	0.07	0.00	0.01	0.00	0.00	0.00
SRM892	1.00	0.01	0.00	0.00	0.74	0.25	0.00	0.00	0.24	0.00
SRM892-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM893	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.91	0.00
SRM893-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM89-S	1.00	0.75	0.16	0.00	0.09	0.00	0.00	0.00	0.97	0.00
SRM9	1.00	0.01	0.00	0.00	0.09	0.00	0.00	0.90	0.00	0.00
SRM90	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.96	0.00
SRM905	1.00	0.01	0.00	0.00	0.79	0.20	0.00	0.00	0.92	0.00
SRM905-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM906-20171208	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM906-20171208-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SRM90-S	1.00	0.91	0.08	0.00	0.01	0.00	0.00	0.00	0.97	0.00
SRM915	1.00	0.01	0.00	0.00	0.82	0.17	0.00	0.00	0.97	0.00
SRM915-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM92	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.02	0.00
SRM926	1.00	0.01	0.00	0.00	0.13	0.00	0.00	0.85	0.00	0.00
SRM926-S	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
SRM927	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM927-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM928	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM929	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM929-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM92-S	1.00	0.93	0.03	0.00	0.04	0.00	0.00	0.00	0.97	0.00
SRM93	1.00	0.01	0.48	0.00	0.50	0.00	0.00	0.00	0.89	0.00
SRM931	1.00	0.00	0.00	0.00	0.95	0.00	0.00	0.04	0.50	0.00
SRM931-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM932	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM932-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM933	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM933-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM934	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM934-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM936	1.00	0.01	0.00	0.00	0.82	0.17	0.00	0.00	0.96	0.00
SRM936-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM938	1.00	0.01	0.00	0.00	0.79	0.20	0.00	0.00	0.98	0.00
SRM938-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM939	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM93-S	1.00	0.91	0.02	0.00	0.06	0.00	0.01	0.00	0.93	0.00
SRM941	1.00	0.02	0.01	0.00	0.01	0.00	0.00	0.97	0.00	0.00
SRM942_2	1.00	0.02	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00
SRM943	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM943-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM944	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM945	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
SRM946	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
SRM947	1.00	0.00	0.00	0.00	0.44	0.01	0.00	0.55	0.29	0.00
SRM947-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM950	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM950-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM951	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM951-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM952	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM952-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM954	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM954-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM955	1.00	0.01	0.00	0.00	0.79	0.20	0.00	0.00	0.06	0.00
SRM955-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM956	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM957	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM958	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM958-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM959	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM959-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM960	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM960-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM961	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM961-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM963	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM964	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM964-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM965	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM965-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM966	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM966-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM967	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.01	0.00
SRM967-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM984	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM984-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM985	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM985-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM986	1.00	0.01	0.00	0.00	0.00	0.09	0.00	0.90	0.06	0.00
SRM986-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM987	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM987-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM988	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM989	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SRM989-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM99	1.00	0.01	0.06	0.00	0.64	0.30	0.00	0.00	0.98	0.00
SRM990	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00
SRM990-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM991	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM992	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM992-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM993	1.00	0.89	0.11	0.00	0.01	0.00	0.00	0.00	0.97	0.00
SRM993-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM994	1.00	0.01	0.00	0.00	0.04	0.02	0.00	0.94	0.03	0.00
SRM994-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM995	1.00	0.01	0.01	0.00	0.09	0.00	0.00	0.89	0.05	0.00
SRM995-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM996	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
SRM996-S	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM997	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SRM9-S	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
Vista_Ryders_Ridge	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

Conduit Surcharge Summary

Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Above Full: Dnstream	Capacity: Normal Flow	Capacity: Limited
1000_ADD	0.01	0.01	0.14	0.01	0.01
1001_ADD	0.01	0.14	0.01	0.31	0.01
1002_ADD	0.19	0.27	0.19	0.35	0.19
1003_ADD	0.30	0.32	0.30	0.46	0.30
1004_ADD	0.24	0.24	0.26	0.01	0.01
1005_ADD	0.26	0.26	0.31	0.01	0.01
1006_ADD	0.26	0.26	0.27	0.14	0.12
1007_ADD	0.27	0.27	0.33	0.04	0.04
1008_ADD	0.32	0.32	0.33	0.13	0.13
1009_ADD	0.32	0.33	0.32	0.37	0.32
1011_ADD	0.29	0.31	0.29	0.47	0.29
995_ADD	0.18	0.22	0.18	0.36	0.18
996_ADD	0.01	0.01	0.08	0.01	0.01
997_ADD	0.26	0.26	0.43	0.01	0.01
998_ADD	0.30	0.33	0.30	0.38	0.30
999_ADD	0.27	0.30	0.27	0.33	0.27
C20-S	0.01	0.01	23.27	0.01	0.01
C20Stan	0.01	0.01	0.01	0.44	0.01
C22Stan	0.01	0.06	0.01	0.48	0.01
C23	0.01	0.01	0.01	0.01	0.01
C24Stan	0.12	0.25	0.12	0.44	0.12
C25	0.67	0.67	0.82	0.01	0.01
C26	0.90	1.34	1.54	4.11	0.53
C28	0.01	0.01	1.21	0.01	0.01
C29	0.01	0.01	0.01	0.27	0.01
C29Stan	0.01	0.01	0.01	0.27	0.01
C3	0.64	0.64	0.88	0.08	0.08
C30	0.01	0.43	0.01	0.75	0.01
C31	0.01	0.01	0.60	0.01	0.01
C32	0.01	0.01	0.66	0.01	0.01
C32_3	0.01	0.01	0.01	0.38	0.01
C32Stan	0.01	0.01	4.10	0.01	0.01
C33	0.16	0.16	0.21	0.01	0.01
C34	0.01	0.01	0.26	0.01	0.01
C35	0.21	0.21	0.32	0.01	0.01
C39Stan	0.29	0.29	0.38	0.05	0.04
C4	0.64	1.43	0.64	1.48	0.64
C40Stan	0.36	0.39	0.39	0.29	0.25
C41Stan	0.40	0.40	0.52	0.01	0.01
C42Stan	0.50	0.52	0.51	0.49	0.46
C43Stan	0.53	0.53	0.53	0.47	0.47
C44	0.01	0.01	0.06	0.01	0.01
C44Stan	0.53	0.55	0.53	0.60	0.53
C45	0.01	0.06	0.01	0.56	0.01
C45Stan	0.49	0.55	0.49	0.58	0.49
C46	0.01	0.01	0.34	0.01	0.01

C46Stan	0.01	0.53	0.01	0.58	0.01
C47	0.01	0.34	0.01	0.93	0.01
C47Stan	0.25	0.25	0.34	0.15	0.01
C48Stan	0.31	0.31	0.43	0.01	0.01
C49	0.01	0.60	0.01	0.41	0.01
C49Stan	0.43	0.43	0.51	0.01	0.01
C50Stan	0.54	0.54	0.61	0.01	0.01
C51	0.01	0.01	0.06	0.01	0.01
C51Stan	0.65	0.65	2.33	0.01	0.01
C52	0.01	0.01	0.34	0.01	0.01
C52Stan	6.90	6.90	23.23	0.01	0.01
C53Stan	23.23	23.23	23.25	0.01	0.01
C54Stan	23.25	23.25	23.25	0.01	0.01
C55	2.57	2.57	2.68	0.01	0.01
C55-S	1.19	1.19	1.39	0.01	0.01
C56	4.19	4.22	4.22	1.03	0.95
C57	0.01	0.27	0.01	0.29	0.01
C58Stan	23.26	23.26	23.26	0.01	0.02
C59	2.80	2.80	2.84	0.01	0.01
C59-S	0.01	0.01	23.07	0.01	0.01
C6	0.01	0.01	0.01	0.06	0.01
C61	15.43	15.43	16.39	0.02	0.02
C61Stan	23.26	23.26	23.27	0.01	0.02
C62	7.71	7.71	19.52	0.01	0.01
C62Stan	23.27	23.27	23.28	0.01	0.01
C63	2.88	2.88	23.38	0.01	0.01
C63Stan	23.28	23.28	23.29	0.01	0.01
C64	0.01	0.01	2.52	0.01	0.01
C64Stan	23.29	23.29	23.30	0.01	0.01
C65	2.52	2.52	6.34	0.01	0.01
C65Stan	23.31	23.31	23.32	0.01	0.01
C66	0.01	0.01	0.03	0.01	0.01
C66Stan	23.32	23.32	23.32	0.01	0.55
C67Stan	0.49	0.49	1.13	0.01	0.01
C7	0.01	0.02	0.01	0.13	0.01
C72Stan	1.92	1.92	23.22	0.01	0.01
C86	0.01	0.01	0.19	0.71	0.01
C87	0.19	0.46	0.19	0.65	0.19
C88_ADD	0.01	0.01	0.34	0.01	0.01
C89_ADD	0.05	0.05	0.35	0.01	0.01
C8Stan	0.01	0.01	0.20	0.01	0.01
C90_ADD	0.01	0.01	0.01	0.36	0.01
C99_ADD	0.01	0.01	0.01	0.04	0.01
C9Stan	0.01	0.01	0.20	0.01	0.01
GCC1	0.01	0.01	0.53	0.01	0.01
GCC11	0.01	0.01	0.01	0.38	0.01
GCC12	0.18	0.18	23.38	0.01	0.01
GCC17	1.10	1.10	1.13	0.01	0.01
GCC18	0.01	0.01	0.01	1.60	0.01
GCC19	0.98	0.98	1.94	0.01	0.01
GCC2	0.01	0.01	0.01	1.21	0.01
GCC20	0.99	1.03	0.99	1.17	0.94
GCC21	0.88	0.91	0.88	1.06	0.87
GCC22	0.71	0.71	0.82	0.08	0.01
GCC24	13.29	13.29	15.67	0.01	0.01
GCC25	0.01	0.01	5.54	0.01	0.01
GCC26	14.27	14.27	15.90	0.01	0.01
GCC27	0.01	0.01	0.42	0.01	0.01
GCC29	0.25	0.25	0.25	0.01	0.01
GCC3	0.01	0.01	0.01	1.34	0.01
GCC31	0.01	0.01	0.30	0.01	0.01
GCC35	0.01	0.01	0.56	0.38	0.01
GCC36	11.77	11.80	13.52	0.14	0.09
GCC39	0.01	0.01	5.85	0.01	0.01
GCC4	0.01	0.01	0.53	0.01	0.01
GCC40	0.01	0.01	5.85	0.01	0.01
GCC41	0.01	0.01	1.96	0.01	0.01
GCC42	0.01	0.01	1.96	0.01	0.01
GCC44	0.01	0.01	0.01	1.22	0.01
GCC45	0.01	0.02	0.01	0.20	0.01
GCC46	0.01	0.01	0.02	0.01	0.01
GCC52	0.01	0.01	0.01	0.40	0.01
GCC55	0.07	0.07	0.08	0.01	0.01
GCC57	0.16	0.26	0.17	0.39	0.16
GCC61	0.01	0.01	0.21	0.01	0.01

GCC62	1.48	1.48	1.50	1.44	1.42
GCC63	0.46	0.46	0.51	0.08	0.01
GCC68	0.01	0.01	0.09	0.01	0.01
GCC75	0.01	2.84	0.01	3.28	0.01
HPC1	1.13	1.13	23.31	0.01	0.01
HPC15	0.01	0.01	0.01	0.40	0.01
HPC2	23.33	23.33	23.33	0.48	0.95
HPC22	0.01	0.08	0.01	0.32	0.01
HPC24	0.01	0.01	23.35	0.01	0.01
HPC25	23.34	23.34	23.35	0.27	0.27
HPC36	2.24	2.24	23.33	0.01	0.01
HPC44	0.01	8.16	0.01	16.53	0.01
SRM1	0.26	0.26	0.27	0.27	0.26
SRM1000	0.01	0.01	7.71	0.01	0.01
SRM1002	0.01	0.01	16.75	0.01	0.01
SRM1008	0.05	0.05	0.11	0.01	0.01
SRM1012	0.01	0.01	0.07	0.01	0.01
SRM1013	0.01	0.05	0.01	0.17	0.01
SRM1014	0.01	0.10	0.01	0.23	0.01
SRM1015	0.06	0.13	0.06	0.24	0.06
SRM1017	0.01	0.01	0.01	0.01	0.01
SRM1018	0.01	0.01	0.01	0.01	0.01
SRM103	0.01	0.01	0.01	0.04	0.01
SRM1040	0.01	0.01	0.01	0.23	0.01
SRM105	0.01	0.01	3.68	0.01	0.01
SRM1053	1.04	1.04	1.30	0.01	0.01
SRM108	0.15	0.15	0.21	0.01	0.01
SRM109	0.47	0.48	0.49	0.48	0.46
SRM110	1.91	1.91	2.28	0.32	0.33
SRM111	2.17	2.17	2.37	0.33	0.31
SRM112	0.94	0.94	1.64	0.31	0.29
SRM114	0.19	0.22	0.19	0.24	0.18
SRM116	0.36	0.37	0.37	0.38	0.36
SRM120	0.37	0.39	0.38	0.40	0.37
SRM121	0.01	0.01	0.11	0.01	0.01
SRM122	0.19	0.38	0.19	0.40	0.19
SRM123	0.14	0.14	0.40	0.01	0.01
SRM124	0.37	0.41	0.37	0.41	0.37
SRM125	0.01	0.01	0.18	0.01	0.01
SRM13	0.26	0.26	0.30	0.01	0.01
SRM130	2.28	2.28	2.39	0.64	0.01
SRM1306	4.07	4.07	4.10	0.07	0.08
SRM1308	4.11	4.11	4.13	0.07	0.08
SRM1309	4.13	4.13	4.22	0.01	0.01
SRM1309-S	3.02	3.02	23.35	0.01	0.01
SRM131	2.49	2.49	2.56	0.62	0.01
SRM1310	1.33	1.33	1.43	0.01	0.01
SRM132	2.66	2.66	2.76	0.69	0.01
SRM134	0.35	0.35	0.41	0.01	0.01
SRM136	0.32	0.40	0.32	0.41	0.32
SRM137	0.10	0.10	0.32	0.01	0.01
SRM138	0.01	0.01	0.38	0.01	0.01
SRM139	0.01	0.39	0.01	0.41	0.01
SRM14	0.37	0.37	1.38	0.01	0.01
SRM144	0.19	0.19	0.21	0.21	0.19
SRM145	0.40	0.43	0.40	0.68	0.40
SRM146	0.16	0.17	0.18	0.15	0.12
SRM148	0.05	0.06	0.07	0.05	0.03
SRM149	0.06	0.06	0.17	0.01	0.01
SRM150	0.05	0.05	0.07	0.01	0.01
SRM151	0.27	0.35	0.27	0.39	0.27
SRM151-S	0.01	0.01	23.29	0.01	0.01
SRM154	0.01	0.18	0.01	0.30	0.01
SRM156	0.01	0.01	0.24	0.01	0.01
SRM16	0.20	0.20	0.37	0.01	0.01
SRM164	0.01	0.01	0.05	0.01	0.01
SRM165	0.06	0.06	0.10	0.01	0.01
SRM166	0.10	0.10	0.12	0.09	0.08
SRM168	0.12	0.12	0.13	0.13	0.12
SRM17	0.33	0.33	0.36	0.01	0.01
SRM170	0.41	0.41	2.24	0.01	0.01
SRM171	23.39	23.39	23.41	0.96	0.01
SRM1730	15.89	15.89	21.67	0.01	0.01
SRM1731	9.49	9.49	14.13	0.01	0.01
SRM1736	8.15	8.15	11.77	0.01	0.01

SRM1737	20.38	20.38	23.39	0.01	0.01
SRM1738	23.93	23.93	24.00	0.01	0.01
SRM1739	0.01	0.01	22.91	0.01	0.01
SRM1740	13.69	13.69	23.98	0.01	0.01
SRM1741	23.98	23.98	24.00	0.01	0.01
SRM178	0.01	0.01	0.01	0.01	0.01
SRM18	0.19	0.19	0.20	0.09	0.08
SRM19	0.27	0.28	0.33	0.10	0.08
SRM195	0.63	0.63	0.64	0.23	0.21
SRM196	0.62	0.64	0.63	0.25	0.24
SRM196-S	0.01	0.01	0.01	0.01	0.01
SRM197	0.63	0.63	0.64	0.17	0.16
SRM197-S	0.01	0.01	0.01	0.01	0.01
SRM198	0.63	0.64	0.63	0.34	0.32
SRM199	0.58	0.59	0.61	0.23	0.21
SRM2	0.23	0.23	0.26	0.04	0.04
SRM20	0.37	0.37	0.37	0.36	0.34
SRM200	0.60	0.61	0.60	0.63	0.60
SRM201	0.56	0.61	0.56	0.66	0.56
SRM202	0.54	0.54	0.64	0.33	0.33
SRM204	0.52	0.62	0.52	0.66	0.52
SRM206	0.66	0.66	0.89	0.02	0.03
SRM208	0.23	0.35	0.23	0.66	0.23
SRM209	0.01	0.30	0.01	0.64	0.01
SRM21	0.28	0.28	0.36	0.01	0.01
SRM214	0.45	0.45	0.52	0.01	0.01
SRM215	0.01	0.01	0.01	0.41	0.01
SRM216	0.85	0.85	1.23	0.37	0.37
SRM218	0.40	0.40	0.51	0.01	0.01
SRM219	0.20	0.23	0.20	0.40	0.20
SRM22	0.38	0.38	0.38	0.37	0.36
SRM220	0.38	0.38	0.58	0.01	0.01
SRM221	0.30	0.30	0.30	0.30	0.28
SRM222	0.30	0.30	0.30	0.33	0.30
SRM223	0.53	0.53	0.55	0.17	0.14
SRM224	0.34	0.37	0.34	0.45	0.34
SRM225	0.36	0.42	0.36	0.52	0.36
SRM227	0.39	0.39	0.51	0.01	0.01
SRM228	0.16	0.19	0.16	0.29	0.15
SRM229	0.17	0.21	0.17	0.36	0.17
SRM23	0.14	0.18	0.14	0.25	0.14
SRM230	0.04	0.16	0.04	0.40	0.04
SRM231	0.01	0.07	0.01	0.39	0.01
SRM232	0.01	0.08	0.01	0.49	0.01
SRM233	0.32	0.32	0.58	0.01	0.01
SRM238	0.13	0.13	0.17	0.01	0.01
SRM239	0.14	0.14	0.14	0.17	0.13
SRM24	0.28	0.28	23.68	0.01	0.01
SRM240	0.01	0.15	0.01	0.20	0.01
SRM242	0.01	0.26	0.01	0.35	0.01
SRM243	0.25	0.25	0.25	0.28	0.25
SRM244	0.03	0.03	0.08	0.04	0.03
SRM247	0.01	0.01	0.01	0.01	0.01
SRM248	0.01	0.01	0.05	0.01	0.01
SRM249	0.05	0.05	0.07	0.02	0.01
SRM250	0.01	0.04	0.01	0.14	0.01
SRM251	0.01	0.01	0.03	0.01	0.01
SRM256	0.01	0.01	0.24	0.01	0.01
SRM257	0.36	0.38	0.37	0.39	0.36
SRM258	0.37	0.42	0.37	0.44	0.37
SRM259	0.37	0.42	0.38	0.23	0.18
SRM26	0.01	0.01	0.17	0.01	0.01
SRM261	0.39	0.39	0.39	0.36	0.34
SRM262	0.39	0.39	0.42	0.34	0.33
SRM263	0.34	0.34	0.36	0.01	0.01
SRM264	0.39	0.39	0.41	0.13	0.14
SRM266	0.28	0.28	0.29	0.28	0.27
SRM267	0.33	0.42	0.33	0.44	0.33
SRM268	0.31	0.31	0.31	0.32	0.30
SRM269	0.61	0.61	0.67	0.25	0.24
SRM27	0.01	0.01	0.01	0.10	0.01
SRM270	0.64	0.65	0.68	0.19	0.18
SRM272	0.85	0.85	0.85	0.01	0.02
SRM273	0.88	0.88	0.93	0.01	0.01
SRM274	0.85	0.85	0.88	0.01	0.01

SRM275	0.90	0.90	0.93	0.01	0.02
SRM276	0.95	0.95	0.98	0.01	0.01
SRM276-S	0.55	0.55	0.59	0.01	0.01
SRM277	0.94	0.94	0.98	0.13	0.13
SRM277-S	0.01	0.01	0.16	0.01	0.01
SRM28	0.51	0.51	7.14	0.02	0.03
SRM280	0.01	0.08	0.01	0.14	0.01
SRM281	0.01	0.01	0.01	0.13	0.01
SRM283	0.01	0.01	0.01	0.13	0.01
SRM284	0.01	0.01	0.01	0.13	0.01
SRM287	0.41	0.42	0.41	0.14	0.12
SRM289	0.12	0.12	0.23	0.01	0.01
SRM290	0.23	0.23	0.30	0.01	0.01
SRM291	0.30	0.30	0.31	0.31	0.30
SRM292	0.03	0.13	0.04	0.24	0.03
SRM293	0.01	0.03	0.03	0.03	0.01
SRM298	0.32	0.32	0.55	0.01	0.01
SRM299	0.59	0.61	0.76	0.54	0.51
SRM3	0.20	0.20	0.22	0.01	0.01
SRM300	0.75	0.77	0.87	0.44	0.40
SRM301	0.84	0.84	0.99	0.27	0.25
SRM303	0.10	0.10	1.12	0.01	0.01
SRM304	0.69	0.80	0.85	0.21	0.01
SRM307	0.01	0.61	0.01	0.62	0.01
SRM31	1.10	1.10	23.38	0.01	0.01
SRM310	0.01	0.01	0.89	0.39	0.01
SRM313	0.46	0.46	0.68	0.01	0.01
SRM314	0.01	0.67	0.01	0.68	0.01
SRM315	0.46	0.46	0.53	0.06	0.06
SRM316	0.17	0.17	0.17	0.20	0.16
SRM317	0.01	0.17	0.01	0.21	0.01
SRM318	0.16	0.17	0.16	0.19	0.16
SRM319	0.10	0.10	0.33	0.01	0.01
SRM320	0.01	0.01	0.07	0.01	0.01
SRM321	0.31	0.31	0.34	0.22	0.21
SRM322	0.31	0.33	0.31	0.35	0.31
SRM323	0.31	0.32	0.32	0.28	0.26
SRM325	0.13	0.13	0.22	0.01	0.01
SRM326	0.23	0.23	0.30	0.20	0.19
SRM327	0.01	0.01	0.05	0.01	0.01
SRM328	0.20	0.20	0.23	0.01	0.01
SRM329	0.23	0.23	0.40	0.01	0.01
SRM332	0.35	0.35	0.40	0.01	0.01
SRM334	0.23	0.23	0.25	0.01	0.01
SRM335	0.17	0.27	0.17	0.30	0.17
SRM336	0.01	0.01	0.01	0.16	0.01
SRM338	0.05	0.05	0.07	0.01	0.01
SRM339	0.07	0.09	0.07	0.12	0.07
SRM341	0.01	0.01	0.09	0.02	0.01
SRM342	0.40	0.40	0.44	0.48	0.01
SRM343	0.07	0.07	0.47	0.01	0.01
SRM345	0.22	0.35	0.22	0.36	0.22
SRM347	0.01	0.01	0.01	0.01	0.01
SRM349	0.01	0.06	0.01	0.14	0.01
SRM350	0.01	0.17	0.02	0.45	0.01
SRM354	0.01	0.01	0.11	0.01	0.01
SRM355	0.01	0.01	0.01	0.11	0.01
SRM363	0.10	0.10	0.27	0.01	0.01
SRM364	0.06	0.10	0.09	0.06	0.01
SRM366	0.01	0.01	0.01	0.01	0.01
SRM371	0.07	0.08	0.08	0.08	0.07
SRM372	0.06	0.08	0.06	0.10	0.06
SRM374	3.36	3.36	4.13	0.01	0.01
SRM376	0.27	0.27	0.35	0.04	0.04
SRM377	1.83	1.83	1.98	0.07	0.07
SRM377-S	0.01	0.01	23.32	0.01	0.01
SRM378	0.73	0.73	1.83	0.01	0.01
SRM379	0.73	0.73	0.73	0.75	0.72
SRM381	0.50	0.50	0.73	0.01	0.01
SRM382	0.80	0.84	0.80	0.56	0.48
SRM383	0.31	0.31	1.43	0.01	0.01
SRM387	1.69	1.69	4.36	0.07	0.07
SRM388	1.54	1.57	1.57	0.21	0.14
SRM388-S	0.01	0.01	0.75	0.01	0.01
SRM390	2.51	2.51	2.53	0.01	0.01

SRM391	2.50	2.50	2.51	0.01	0.01
SRM393	2.03	2.17	2.07	0.59	0.41
SRM394	2.07	2.07	2.72	0.05	0.04
SRM395	2.46	2.46	2.80	0.01	0.01
SRM396	2.50	2.50	2.80	0.01	0.01
SRM396-S	0.03	0.03	1.58	0.01	0.01
SRM4	0.19	0.19	0.19	0.03	0.01
SRM400	1.96	2.10	1.97	1.13	0.97
SRM400-S	0.01	0.01	23.32	0.01	0.01
SRM402	1.97	1.97	2.10	0.26	0.07
SRM403	2.39	2.39	2.50	0.01	0.01
SRM405	2.11	2.11	2.49	0.01	0.01
SRM406	2.09	2.10	2.11	2.11	1.11
SRM408	2.49	2.49	2.65	0.01	0.01
SRM410	2.65	2.65	4.36	0.08	0.01
SRM411	2.32	4.36	2.32	4.51	2.32
SRM414	2.13	2.13	2.29	0.01	0.01
SRM415	2.36	2.36	2.47	0.01	0.01
SRM420	2.53	2.63	2.59	0.69	0.59
SRM420-S	0.03	0.03	1.39	0.01	0.01
SRM422	0.01	0.12	0.01	0.03	0.01
SRM426	0.01	0.13	0.01	0.17	0.01
SRM427	0.01	0.01	0.01	0.10	0.01
SRM428	0.15	0.35	0.15	0.40	0.15
SRM429	0.01	0.14	0.01	0.16	0.01
SRM430	0.01	0.01	0.01	0.07	0.01
SRM431	0.01	0.01	0.13	0.01	0.01
SRM433	0.01	0.01	0.01	0.05	0.01
SRM440	0.01	0.01	0.01	0.02	0.01
SRM441	0.01	0.01	0.02	0.01	0.01
SRM442	0.01	0.01	0.01	0.05	0.01
SRM448	0.19	0.19	0.34	0.01	0.01
SRM449	0.17	0.23	0.17	0.28	0.17
SRM450	0.23	0.23	0.28	0.01	0.01
SRM451	0.23	0.23	0.23	0.26	0.21
SRM452	0.15	0.15	0.25	0.01	0.01
SRM453	0.22	0.25	0.22	0.57	0.22
SRM454	1.09	1.14	1.09	1.16	1.09
SRM455	0.22	0.30	0.22	0.34	0.22
SRM456	0.21	1.08	0.22	1.07	0.17
SRM457	0.13	0.13	0.21	2.96	0.01
SRM458	0.21	0.21	0.28	0.01	0.01
SRM459	0.17	0.17	0.23	0.01	0.01
SRM46	0.69	0.69	0.74	0.46	0.49
SRM460	0.08	0.08	0.16	0.01	0.01
SRM461	0.12	0.12	0.14	0.01	0.01
SRM462	0.01	0.01	0.01	0.01	0.01
SRM463	0.01	0.08	0.01	0.12	0.01
SRM466	0.02	0.02	0.06	0.04	0.01
SRM467	0.32	0.38	0.43	0.18	0.13
SRM468	0.27	0.27	0.33	0.01	0.01
SRM469	0.44	0.44	0.46	0.01	0.01
SRM47	0.61	0.61	0.65	0.01	0.01
SRM470	0.46	0.46	0.47	0.21	0.19
SRM471	0.34	0.38	0.36	0.29	0.24
SRM472	0.30	0.30	0.34	0.01	0.01
SRM473	0.63	0.63	0.97	0.01	0.01
SRM474	0.34	0.39	0.45	0.19	0.13
SRM475	0.48	0.48	0.61	0.01	0.01
SRM476	0.67	0.68	0.76	0.46	0.45
SRM477	0.70	0.74	0.89	0.23	0.18
SRM478	0.97	0.97	1.65	0.01	0.01
SRM479	2.87	2.87	2.94	0.64	0.01
SRM48	0.38	0.38	0.61	0.01	0.01
SRM480	0.94	0.95	2.15	0.16	0.14
SRM481	1.81	1.81	2.29	0.20	0.20
SRM482	0.76	0.76	0.95	0.01	0.01
SRM483	0.50	0.50	0.94	0.01	0.01
SRM484	0.47	0.49	0.94	0.34	0.31
SRM485	0.36	0.36	0.47	0.01	0.01
SRM486	0.01	0.01	0.08	0.01	0.01
SRM487	0.29	0.29	0.35	0.01	0.01
SRM488	0.36	0.36	0.39	0.02	0.01
SRM489	0.37	0.37	0.41	0.01	0.01
SRM49	0.01	0.01	0.46	0.01	0.01

SRM490	0.39	0.39	0.47	0.18	0.17
SRM491	0.46	0.47	0.55	0.31	0.29
SRM492	0.57	0.58	0.62	0.38	0.35
SRM493	0.73	0.73	1.59	0.36	0.34
SRM494	1.83	1.83	2.17	0.33	0.32
SRM495	0.42	0.43	0.43	0.43	0.41
SRM496	0.38	0.38	0.42	0.01	0.01
SRM497	0.42	0.43	0.42	0.44	0.41
SRM498	1.33	1.34	2.03	0.09	0.06
SRM499	0.53	0.53	1.34	0.01	0.01
SRM5	0.14	0.14	0.17	0.01	0.01
SRM50	0.01	0.01	0.17	0.01	0.01
SRM500	0.27	0.27	0.34	0.13	0.12
SRM501	0.31	0.31	0.33	0.03	0.02
SRM502	0.18	0.34	0.18	0.35	0.18
SRM503	0.10	0.77	0.10	0.78	0.10
SRM504	0.15	0.15	0.32	0.01	0.01
SRM505	0.01	0.01	0.47	0.38	0.01
SRM506	0.13	0.13	23.39	0.01	0.01
SRM507	0.01	0.07	0.01	0.11	0.01
SRM509	0.37	0.37	0.39	0.13	0.12
SRM51	0.41	0.41	0.43	0.10	0.09
SRM510	0.13	0.13	0.19	0.01	0.01
SRM511	0.01	0.01	0.01	0.02	0.01
SRM512	0.01	0.06	0.01	0.09	0.01
SRM513	0.01	0.01	0.13	0.01	0.01
SRM514	0.19	0.30	0.19	0.31	0.19
SRM516	0.41	0.42	0.41	0.42	0.39
SRM517	0.06	0.06	0.32	0.01	0.01
SRM518	0.29	0.29	0.31	0.01	0.01
SRM519	0.34	0.37	0.34	0.38	0.34
SRM52	0.67	0.68	0.72	0.62	0.59
SRM520	0.28	0.34	0.28	0.39	0.28
SRM521	0.10	0.10	0.34	0.01	0.01
SRM522	0.18	0.31	0.18	0.33	0.18
SRM523	0.27	0.27	0.36	0.07	0.07
SRM524	2.41	2.41	2.60	0.28	0.28
SRM528	0.01	0.01	0.01	0.01	0.01
SRM529	0.02	0.04	0.06	0.04	0.01
SRM53	1.05	1.07	1.05	1.11	1.04
SRM530	0.01	0.01	0.01	0.28	0.01
SRM532	0.03	0.03	0.09	0.01	0.01
SRM535	0.02	0.42	0.02	0.44	0.02
SRM536	0.21	0.21	0.21	0.04	0.06
SRM537	0.05	0.10	0.05	0.16	0.05
SRM538	0.06	0.06	0.06	0.10	0.06
SRM54	0.10	0.10	0.18	0.01	0.01
SRM540	0.09	0.09	0.32	0.01	0.01
SRM541	0.17	0.17	0.31	0.01	0.01
SRM542	0.17	0.20	0.30	0.11	0.06
SRM544	0.01	0.03	0.01	0.07	0.01
SRM548	0.15	0.34	0.15	0.37	0.15
SRM549	0.34	0.35	0.34	0.36	0.34
SRM55	0.01	0.01	0.01	0.12	0.01
SRM551	0.01	0.01	0.01	0.01	0.01
SRM552	0.01	0.03	0.01	0.06	0.01
SRM553	0.01	0.01	0.02	0.03	0.01
SRM555	0.17	0.17	0.28	0.01	0.01
SRM556	0.62	0.63	0.65	0.25	0.24
SRM557	0.47	0.47	0.48	0.44	0.43
SRM561	1.51	1.54	1.52	8.34	0.55
SRM562	2.14	2.14	2.17	0.01	0.02
SRM563	0.39	0.43	0.39	0.44	0.39
SRM565	0.36	0.36	0.37	0.35	0.35
SRM567	1.86	1.86	1.95	0.01	0.01
SRM567-S	0.02	0.02	0.70	0.01	0.01
SRM568	1.93	1.95	1.98	0.31	0.27
SRM568-S	0.01	0.01	0.70	0.01	0.01
SRM569	1.92	1.92	2.06	0.15	0.09
SRM57	0.16	0.16	0.20	0.01	0.01
SRM573	1.89	1.89	1.92	0.01	0.01
SRM574	1.90	1.92	1.99	0.02	0.05
SRM575	1.97	1.99	2.04	0.13	0.07
SRM578	2.04	2.04	2.06	0.02	0.06
SRM579	2.05	2.06	2.10	0.01	0.05

SRM58	0.19	0.19	0.25	0.01	0.01
SRM580	2.09	2.10	2.15	0.02	0.05
SRM581	2.15	2.15	2.16	0.01	0.02
SRM582	2.16	2.16	2.23	0.01	0.02
SRM584	2.23	2.23	2.29	0.14	0.16
SRM585	2.60	2.60	2.61	1.40	1.50
SRM586	2.61	2.61	2.64	0.14	0.13
SRM587	2.64	2.64	2.68	0.20	0.24
SRM588	2.13	2.13	2.75	0.01	0.01
SRM589	2.68	2.68	2.68	2.18	2.13
SRM59	0.01	0.02	0.03	0.09	0.01
SRM590	2.68	2.68	2.70	0.03	0.04
SRM591	2.70	2.70	2.71	1.41	1.40
SRM592	2.71	2.71	2.73	0.45	0.47
SRM593	2.57	2.57	3.01	0.01	0.01
SRM594	2.29	2.29	2.33	0.01	0.01
SRM595	2.55	2.57	2.55	2.43	2.40
SRM596	1.49	1.57	2.57	0.10	0.06
SRM597	2.73	2.73	2.73	1.56	1.56
SRM598	2.73	2.74	2.74	1.48	1.46
SRM599	2.73	2.74	2.74	1.47	1.43
SRM6	0.15	0.15	0.19	0.01	0.01
SRM60	0.05	0.05	0.20	0.01	0.01
SRM600	2.29	2.29	2.39	0.01	0.01
SRM602	2.73	2.74	2.74	0.76	0.71
SRM603	2.73	2.74	2.74	1.50	1.49
SRM604	2.74	2.74	2.74	0.07	0.09
SRM605	2.75	2.75	2.78	0.01	0.01
SRM606	2.78	2.78	2.80	0.01	0.01
SRM607	0.22	0.23	0.22	0.37	0.22
SRM61	0.26	0.29	0.26	0.30	0.26
SRM610	0.24	0.37	0.24	0.33	0.17
SRM612	0.37	0.39	0.37	0.40	0.37
SRM613	0.37	0.37	0.37	0.38	0.37
SRM614	0.31	0.31	0.36	0.01	0.01
SRM615	0.22	0.22	0.31	0.01	0.01
SRM616	0.18	0.18	0.27	0.01	0.01
SRM617	0.18	0.18	0.18	0.15	0.10
SRM618	0.21	0.21	0.24	0.16	0.16
SRM619	0.18	0.19	0.20	0.14	0.12
SRM620	0.20	0.20	0.25	0.10	0.09
SRM621	0.25	0.25	0.29	0.03	0.03
SRM622	0.01	0.30	0.01	0.32	0.01
SRM626	0.01	0.01	0.04	0.01	0.01
SRM627	0.05	0.05	0.22	0.01	0.01
SRM628	0.22	0.22	0.38	0.06	0.04
SRM629	0.39	0.39	0.42	0.05	0.04
SRM63	0.27	0.27	0.29	0.10	0.09
SRM630	0.36	0.43	0.36	0.46	0.36
SRM631	1.07	1.35	1.07	1.39	1.07
SRM632	0.01	1.57	0.01	1.59	0.01
SRM632-S	0.01	0.01	23.28	0.01	0.01
SRM633	0.42	0.42	0.46	0.01	0.01
SRM634	0.01	0.36	0.01	0.35	0.01
SRM64	0.02	0.22	0.02	0.28	0.02
SRM643	0.01	0.01	0.18	0.01	0.01
SRM646	0.17	0.17	0.20	0.01	0.01
SRM65	0.21	0.21	0.22	0.19	0.18
SRM650	0.18	0.18	0.18	0.15	0.13
SRM655	0.21	0.21	0.26	0.07	0.07
SRM656	0.47	0.51	0.50	0.41	0.36
SRM658	0.14	0.28	0.14	0.31	0.14
SRM668	0.01	0.01	0.10	0.01	0.01
SRM68	0.78	0.95	0.78	1.42	0.78
SRM680	0.01	0.01	0.18	0.01	0.01
SRM689	0.06	0.06	0.08	0.01	0.01
SRM69	0.56	0.78	0.56	1.01	0.55
SRM691	0.01	0.01	0.03	0.01	0.01
SRM696	0.37	0.37	23.37	0.01	0.01
SRM7	0.17	0.21	0.17	0.25	0.17
SRM70	0.01	0.01	23.32	0.01	0.01
SRM700	0.01	0.03	0.01	0.04	0.01
SRM702	0.01	0.01	0.08	0.01	0.01
SRM703	0.01	0.01	0.04	0.01	0.01
SRM71	0.01	0.01	0.10	0.01	0.01

SRM723	0.37	0.37	1.43	0.01	0.01
SRM724	0.01	0.01	0.06	0.01	0.01
SRM725_ADD	0.36	0.53	0.36	0.66	0.36
SRM725-S_ADD	0.01	0.01	23.36	0.01	0.01
SRM726	23.50	23.50	23.54	0.01	0.01
SRM726_ADD	0.53	0.65	0.53	0.67	0.53
SRM726-S	0.01	0.01	23.37	0.01	0.01
SRM727	23.46	23.46	23.49	0.01	0.01
SRM727_ADD	0.53	0.53	0.62	0.01	0.01
SRM728	23.49	23.49	23.50	1.83	1.90
SRM728_ADD	0.65	0.65	0.65	0.59	0.39
SRM73	0.82	0.82	0.92	0.20	0.01
SRM730	0.24	0.24	23.49	0.01	0.01
SRM731	0.01	0.01	0.01	0.01	0.01
SRM735	0.06	0.06	0.12	0.01	0.01
SRM736	0.01	0.12	0.01	0.14	0.01
SRM740	0.01	0.01	0.05	0.01	0.01
SRM741	0.01	0.05	0.01	0.07	0.01
SRM747	0.44	0.44	0.70	0.01	0.01
SRM748	0.72	0.75	0.75	0.45	0.41
SRM749	0.50	0.50	23.38	0.01	0.01
SRM75	0.01	0.01	0.01	1.20	0.01
SRM750	0.71	0.71	0.78	0.01	0.01
SRM751	0.78	0.78	0.84	0.01	0.01
SRM752	0.74	0.75	0.76	0.13	0.10
SRM753	0.75	0.75	0.78	0.23	0.22
SRM754	0.77	0.77	0.78	0.14	0.12
SRM755	0.69	0.69	0.71	0.01	0.01
SRM756	0.01	0.01	0.17	0.01	0.01
SRM757	0.18	0.18	0.33	0.01	0.01
SRM758	0.34	0.34	0.38	0.09	0.07
SRM759	0.51	0.53	0.51	0.50	0.46
SRM760	0.22	0.22	0.50	0.01	0.01
SRM761	0.55	0.55	0.75	0.01	0.01
SRM762	0.50	0.53	0.54	0.36	0.32
SRM763	0.01	0.01	0.01	0.03	0.01
SRM764	0.01	0.11	0.01	0.13	0.01
SRM769	0.01	0.01	0.06	0.01	0.01
SRM77	0.39	0.42	0.39	0.43	0.39
SRM772	0.54	0.54	0.56	0.19	0.18
SRM773	0.03	0.03	0.04	0.01	0.01
SRM774	0.10	0.10	0.19	0.01	0.01
SRM775	0.41	0.41	0.41	0.34	0.34
SRM776	0.36	0.36	0.37	0.16	0.17
SRM78	0.28	0.28	0.35	0.01	0.01
SRM79	0.25	0.25	0.26	0.14	0.12
SRM798	0.82	0.83	0.84	0.56	0.53
SRM80	0.01	0.08	0.01	0.13	0.01
SRM800	0.69	0.69	0.84	0.04	0.01
SRM801	0.74	0.74	0.76	0.52	0.52
SRM802	0.78	0.85	0.78	0.87	0.78
SRM803	0.86	0.90	0.98	0.09	0.04
SRM804	0.80	0.85	0.83	0.78	0.73
SRM805	0.71	0.71	0.83	0.01	0.01
SRM806	0.79	0.79	0.79	0.77	0.72
SRM807	0.65	0.65	0.69	0.38	0.24
SRM808	0.82	0.82	0.89	0.01	0.01
SRM809	0.81	0.81	1.04	0.36	0.36
SRM81	0.01	0.06	0.01	0.14	0.01
SRM810	0.97	0.97	1.72	0.01	0.01
SRM814	4.14	4.22	4.23	2.07	1.98
SRM815	4.23	4.23	4.29	2.21	2.19
SRM816	4.29	4.29	4.36	2.77	2.45
SRM826	0.01	0.04	0.01	0.33	0.01
SRM830	0.01	0.01	0.01	0.02	0.01
SRM834	0.01	0.46	0.01	1.85	0.01
SRM836	0.36	0.57	0.36	0.58	0.36
SRM838	1.02	1.44	1.05	13.89	0.29
SRM839	0.01	0.84	0.01	0.92	0.01
SRM840	0.84	1.07	0.84	1.12	0.84
SRM844	2.55	2.55	3.17	0.01	0.01
SRM845	2.33	2.33	2.52	0.01	0.01
SRM846	0.90	0.90	1.30	0.01	0.01
SRM847	0.93	0.93	0.96	0.06	0.01
SRM848	1.00	1.00	1.46	0.06	0.05

SRM849	0.96	0.97	1.00	0.15	0.14
SRM850	0.77	0.80	0.85	0.05	0.01
SRM851	0.84	0.85	0.84	0.87	0.84
SRM852	0.84	0.84	0.87	0.65	0.65
SRM855	0.01	0.01	0.03	0.03	0.01
SRM858	0.66	0.66	0.77	0.01	0.01
SRM859	0.01	0.06	0.01	0.07	0.01
SRM86	0.01	0.06	0.01	0.10	0.01
SRM863	0.89	0.94	0.89	1.40	0.89
SRM864	1.33	1.34	1.33	0.44	0.38
SRM864-S	0.14	0.14	0.61	0.01	0.01
SRM865	1.22	1.26	1.22	0.81	0.67
SRM866	1.06	1.22	1.06	1.00	0.66
SRM867	1.05	1.06	1.05	0.78	0.53
SRM869	1.03	1.07	1.03	1.00	0.65
SRM870	1.05	1.05	1.05	0.49	0.45
SRM871	0.97	0.99	0.97	0.91	0.61
SRM872	0.97	0.99	0.97	1.29	0.84
SRM873	1.33	1.33	1.34	0.49	0.49
SRM876	1.11	1.11	1.26	0.20	0.20
SRM88	0.01	0.05	0.01	0.08	0.01
SRM880	0.57	0.57	0.89	0.01	0.01
SRM881	0.95	0.97	0.95	1.41	0.92
SRM882	0.81	0.83	0.90	0.25	0.22
SRM883	0.88	0.90	0.93	0.30	0.27
SRM884	0.60	0.60	1.53	0.01	0.01
SRM885	0.93	0.95	0.93	0.92	0.74
SRM886	0.93	0.93	1.53	0.01	0.01
SRM887	1.04	1.04	1.51	0.12	0.12
SRM888	1.26	1.35	1.26	0.97	0.68
SRM889	1.33	1.35	1.34	0.31	0.27
SRM889-S	0.39	0.39	0.61	0.01	0.01
SRM89	4.10	4.13	4.22	1.56	1.52
SRM890	1.32	1.33	1.34	0.11	0.13
SRM890-S	0.39	0.39	0.78	0.01	0.01
SRM891	1.34	1.35	1.34	0.16	0.14
SRM891-S	0.39	0.39	0.73	0.01	0.01
SRM892	0.89	0.90	0.89	1.03	0.89
SRM893	0.91	0.91	0.93	0.01	0.01
SRM89-S	0.01	0.01	23.34	0.01	0.01
SRM9	1.34	1.50	1.34	1.52	1.34
SRM90	0.35	0.35	4.13	0.17	0.17
SRM905	0.01	0.01	0.01	0.03	0.01
SRM906-20171208	0.01	0.20	0.01	0.20	0.01
SRM915	0.01	0.01	0.02	0.09	0.01
SRM92	1.42	1.43	1.69	0.08	0.06
SRM926	1.97	1.97	2.10	0.86	0.82
SRM927	0.01	0.01	0.01	0.03	0.01
SRM93	1.56	1.58	1.57	0.26	0.11
SRM931	0.01	0.01	0.01	0.04	0.01
SRM933	0.01	0.01	0.01	0.04	0.01
SRM934	0.01	0.03	0.01	0.06	0.01
SRM936	0.01	0.01	0.03	0.01	0.01
SRM93-S	0.01	0.01	0.20	0.01	0.01
SRM945	23.99	23.99	24.00	0.07	0.09
SRM946	23.75	23.75	23.99	0.03	0.05
SRM947	0.01	0.01	0.01	0.05	0.01
SRM959	0.01	0.01	0.02	0.02	0.01
SRM964	0.01	0.01	0.01	0.02	0.01
SRM965	0.01	0.01	0.01	0.11	0.01
SRM966	0.01	0.46	0.01	0.48	0.01
SRM986	0.01	0.01	0.03	0.01	0.01
SRM987	0.01	0.44	0.01	0.46	0.01
SRM988	0.01	0.01	0.01	0.04	0.01
SRM990	0.01	0.01	0.02	0.01	0.01
SRM991	0.01	0.02	0.01	0.07	0.01
SRM992	0.01	0.01	0.03	0.02	0.01
SRM993	0.01	0.01	23.37	0.01	0.01
SRM994	0.01	0.01	0.44	0.01	0.01
SRM995	0.02	0.02	0.18	0.01	0.01
SRM996	0.01	0.21	0.01	0.24	0.01
Vista_Ryders_Ridge	22.10	22.11	23.99	0.01	0.01

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Pumping Summary

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Pump	Percent Utilized	Min Number of Start-Ups	Avg Flow LPS	Max Flow LPS	Total Flow LPS	Power Volume Usage 10^6 ltr	% Time Off Pump Curve Kw-hr	Low High
C18	98.66	1	0.00	122.46	600.00	6.936	45.72	0.0 - 11.6
P1	49.03	1	0.00	54.17	373.80	1.901	12.42	0.0 - 100.0
P2	98.02	2	0.00	100.00	100.00	8.469	21.19	0.0 - 0.0

Analysis begun on: Mon Jan 28 11:39:14 2019
Analysis ended on: Mon Jan 28 11:42:57 2019