DESIGN BRIEF

FOR THE

STORMWATER MANAGEMENT POND

FOR THE

BRONTE GREEN SUBDIVISION

TOWN OF OAKVILLE

PROJECT NO. 12-601

JUNE 2017
REVISED AUGUST 2018

DESIGN BRIEF
FOR THE
STORMWATER MANAGEMENT POND
FOR THE
BRONTE GREEN SUBDIVISION

TOWN OF OAKVILLE

JUNE 2017
REVISED AUGUST 2018
OUR FILE: 12-601

TABLE OF CONTENTS

Appendices

Figures

Tables

Drawings

Background: Rationale for Report Update

*This report is an update of the April 2018 "Design Brief for the Stormwater Management Pond for the Bronte Green Subdivision". The April 2018 version of this report was updated from the March 2018 version in response to comments from Town of Oakville reviewers to include the April 3, 2018 "**Bronte Green Development / Flood Protection and Surface Water Balance"** memo in Appendix E, and some additional text regarding the quantity control requirements of the pond. The current August 2018 update has been undertaken to incorporate monitoring requirements from the MNRF Redside Dace Draft Guidelines in the Monitoring Plan section of the main text. This section of the report has also been revised in accordance with Conservation Halton reviewer comments to indicate that the full length of the outfall channel and the tie-in to the floodplain cut-off channel will be included in post-construction monitoring. Finally, the August 2018 Matrix Solutions Inc. **Bronte Green Subdivision – Stormwater Management Pond Outflow Channel Design** memo has been referenced in the updated Monitoring Plan section of the report in relation to monitoring and contingency measures for the outfall channel. No changes have been made to the March 2018 design and modelling of the pond for the purposes of these updates.*

DESIGN BRIEF
FOR
THE STORMWATER MANAGEMENT POND
FOR THE
BRONTE GREEN SUBDIVISION

TOWN OF OAKVILLE
JUNE 2017
REVISED AUGUST 2018

1.0 INTRODUCTION

The Bronte Green subdivision is located within the Town of Oakville and is located east of Bronte Road, south of Upper Middle Road, west of the main branch of Fourteen Mile Creek, and north of Region of Halton Lands, the Deerfield Golf Course, and Queen Elizabeth Way, as illustrated in ***Figure 1***.

The proposed layout of the proposed subdivision, which has a total drainage area of approximately 55.22 ha, is presented in Figure 2. The portion of the site north of the tributary is to be treated by two oil-and-grit separators for quality control, and the southern portion of the site is to be treated by a SWM wet pond for quality, erosion and quantity control. Low Impact Development (LID) measures will also be implemented within the development, including; roof leader disconnection, bioswales at the outlets of the oil-and-grit separators, infiltration trenches within two park blocks, an infiltration pit servicing a 1.45 ha portion of external Bronte Road, and infiltration trenches along the trail running along the boundary of the subdivision. Finally, runoff from 2.13 ha of natural lands within the development boundary north of the tributary will drain through a proposed wildlife pond. In response to Conservation Halton comments, the proposed LID measures have been included in the current model. However, as per the March 2017 ***Functional Servicing Report for the Bronte Green Subdivision***, the performance of the subdivision has been assessed under a more critical scenario wherein the potential SWM benefits of the wildlife pond are not relied upon, and thus the wildlife pond is not included in the current model.

Approximately 38.21 ha of the subdivision are serviced by the proposed SWM pond, including 2.43 ha of park blocks, a 1.96 ha pond block, a 0.73 ha open space block, 1.86 ha of school blocks, 1.67 ha of residential condominium blocks, and 29.57 ha of residential development. Another 0.48 ha of future external Streets K and B on the existing Region of Halton Lands, and 1.66 ha of Bronte Road (existing and future expanded) are also tributary to the SWM pond, for a total drainage area of 40.35 ha. Note that overland flow routes on Street F and Q will allow some major system flows from within the subdivision to drain directly to the creek; overland at Street F, and by capture to the pond outfall pipe at Street Q. Also note that 1.09 ha of Bronte Road will contribute a portion of major system flows only, with minor system flows up to the 10-year design storm draining to the creek via a separate system on Bronte Road, and major system flows travelling along Street F and either being captured to the minor system or discharging to the creek via the overland flow route on Street F.

Approximately 14.32 ha of the subdivision will drain uncontrolled to Fourteen Mile Creek or its tributaries, including a 0.19 ha park block, 2.13 ha of natural lands draining through a proposed wildlife pond, 4.18 ha of residential development (primarily rearyards along the perimeter of the site (including infiltration trenches) and internal roads graded towards Bronte Road and Upper

Middle Road) and 6.99 ha of Natural Heritage System lands (including a pedestrian trail) and the creek corridor. Note that runoff from the 2.13 ha of natural lands draining through the proposed wildlife pond is not expected to drain directly to the creek under most design storms, but will instead be stored or infiltrated in the wildlife pond. As noted above, as per the March 2017 Functional Servicing Report for the Bronte Green Subdivision, the performance of the subdivision has been assessed under a more critical scenario wherein the potential SWM benefits of the wildlife pond are not relied upon. Note also that the subdivision is divided by 0.91 ha of external hydro corridor blocks; flows from 0.37 ha of the external hydro corridor will drain through a proposed infiltration trench to the creek. Flows from the remaining 0.69 of the external hydro corridor and 1.27 ha of proposed rearyards will be conveyed to the creek via a clean water pipe connecting to the pond outlet pipe.

Approximately 2.61 ha of the proposed subdivision to the north of the tributary will be treated by two oil-and-grit separators for quality control before discharging to the tributary, including a 1.15 ha residential condominium block and 0.48 ha of residential development to the proposed oil-and-grit separator on Street S, and 0.97 ha of future residential development to a future oil-and-grit separator in the condo development to the east of Street S. Bioswales at the outlets of the oil-and-grit separators will provide additional quality control benefits to the proposed north parcel.

Finally, the remaining 0.09 ha of the proposed subdivision is part of a commercial block to be treated separately and outlet to the Bronte Creek watershed. The design of the commercial block will be addressed in a separate report.

As set out in the March 2017 ***Functional Servicing Report for the Bronte Green Subdivision*** by David Schaeffer Engineering Ltd. et. al., a multi-function pond is required within the subject lands. The pond is intended to satisfy various stormwater management requirements, including water quality, erosion and quantity control. The pond will release treated flows to Fourteen Mile Creek.

The following design brief is intended to provide technical support for the detailed design of the pond, as well as to demonstrate conformance with the overall servicing requirements of the ***EIR, FSR***, ***SWMP Design Manual*** and generally accepted stormwater management practice.

Note that the impact of the preliminary subdivision and pond design on the Fourteen Mile Creek watercourse was evaluated in PCSWMM for the March 2017 ***Functional Servicing Report for the Bronte Green Subdivision***, in coordination with Town of Oakville and Conservation Halton reviewers. This analysis has been revisited to confirm that the impact of the detailed design of the subdivision is in conformance with the requirements presented in the March 2017 ***Functional Servicing Report for the Bronte Green Subdivision***. Refer to ***Appendix E*** for the April 3, 2018 ***Bronte Green Development / Flood Protection and Surface Water Balance*** memo.

2.0 PREVIOUS STUDIES AND REPORTS

2.1 General

The following material has been reviewed in order to identify the constraints that govern development within this area:

- **Stormwater Management Planning and Design Manual**
  Ministry of the Environment, March 2003. (***SWMP Design Manual***)

- **Erosion and Sediment Control Guidelines for Urban Construction**
  Conservation Halton et al., December 2006.

- **Development Engineering Procedures and Guidelines Manual**
  Town of Oakville, January 2011.

- ***Fourteen Mile Creek / McCraney Creek Hydrologic Modelling Update***
  AMEC Earth and Environmental, January 23, 2013.

- ***Fourteen Mile Creek / McCraney Creek Hydrologic Modelling Update***
  AMEC Earth and Environmental, May 17, 2013.

- ***Fourteen Mile Creek / McCraney Creek, Flood Management Alternative Assessment***
  AMEC Earth and Environmental, September 26, 2013.

- **Conservation Halton Landscaping and Tree Preservation Guidelines**
  Conservation Halton, September 2013.

- **Functional Servicing Report for the Bronte Green Subdivision**
  David Schaeffer Engineering Ltd. et. al., March 2017. ***(FSR)***

- **Former Saw-Whet Golf Course Property Updated Environmental Impact Study**
  Beacon Environmental et. al. March 2017. ***(EIS)***

- **Bronte Green Development / Flood Protection and Surface Water Balance**
  J.F. Sabourin and Associates, April 3, 2018.

- **Bronte Green Development / LID Infiltration**
  J.F. Sabourin and Associates, April 3, 2018.

- **Bronte Green Subdivision – Stormwater Management Pond Outflow Channel Design**
  Matrix Solutions Inc., August 2018.

The above documents form the basis of this report.

2.2 Findings of the Functional Servicing Report

The ***FSR*** prepared by David Schaeffer Engineering Ltd. et al. established the stormwater control criteria, the pond location and the general stormwater management scheme.

The proposed stormwater management facility is to be designed with the following characteristics:

- **Water Quality Control:** The permanent pool should be sized for an enhanced level of protection. The active volume portion for water quality control is contained within the erosion control volume. Additionally, total suspended sediment levels are to be maintained less than 25 mg/L above background conditions.

- **Erosion Control:** Erosion control will be provided by extended detention of the 25 mm storm volume for a 24 to 48 hour detention time.

- **Water Quantity Control:** Provision of sufficient pond storage to meet the 2- to 100-year and Regional event peak flows at key locations along Fourteen Mile Creek, as determined based on single event modelling and continuous frequency analysis (refer to ***Appendix E***).

- **Thermal Mitigation:** Provide thermal mitigation to meet the maximum discharge temperature of 24^{o}C to Fourteen Mile Creek.

- **Dissolved Oxygen:** Maintain a dissolved oxygen level above 7 mg/L.

- A sediment forebay shall be provided.

- Emergency overflow conveyance will be provided to safely pass emergency flows.

A summary of the required SWM pond characteristics is provided in Table 1.

3.0 DRAINAGE ANALYSIS

The pond design characteristics and requirements, based on a 40.354 ha drainage area to the pond (as shown in ***Figure 2)***, are summarized in ***Table 1*** as follows:

Table 1
SWM Pond Design Characteristics

Item	Target	Comments
Drainage Area	40.354 ha	2.43 ha park, 1.96 ha pond, 0.73 ha open space block, 1.86 ha school, 1.67 ha condo, 29.57 ha residential, 0.48 ha future external Streets K and B, 1.66 ha external Bronte Road.
Required Permanent Pool Volume	7,183 m^3	Based on 178.00 m^3/ha (1)
Required Quality Control Volume	1,614 m^3	40 m^3/ha
Required Extended Detention Volume	6,759 m^3	Total extended detention volume is based on 25 mm storm volume (2)
Allowable Release Rate for Erosion Control	94 L/s	Detention time between 24 and 48 hours (2)
Allowable Release Rate	As established in the ***FSR*** and re-confirmed in ***Appendix E***	Provision of sufficient pond storage to match existing 2- to 100-year and Regional event peak flows at key locations along Fourteen Mile Creek, as determined based on single event modelling and continuous frequency analysis
Total Suspended Sediment Levels	25 mg/L	total suspended sediment levels are to be maintained less than 25 mg/L above background conditions
Thermal Mitigation	24°C	to meet the maximum discharge temperature of 24°C to Fourteen Mile Creek.
Dissolved Oxygen	7 mg/L	to meet the recommended minimum level of dissolved oxygen of 7 mg/L to Fourteen Mile Creek.

(1) Note: Interpolated for 67% imperviousness, enhanced protection level for wet pond, as per Table 3.2 of the SWM Planning and Design Manual. Refer to Tables B-1 and B-2 of ***Appendix B***.
(2) Refer to Tables B-3 and B-4 of ***Appendix B***.
(3) Refer to ***Appendix C***.

Furthermore, the detailed design of the facility has been completed in general conformance with the ***SWMP Design Manual.***

4.0 SUBDIVISION DRAINAGE

4.1 Conveyance of Minor System

The 40.354 ha area draining to the pond, as shown in ***Figure 2***, will be serviced by a conventional storm sewer system designed in accordance with Town of Oakville standards, using a 5-year return frequency and Town of Oakville IDF curves. Flows will be directed to the stormwater management facility, where the runoff will be treated for water quality, erosion, and quantity control. The minor system has been modeled using PCSWMM based on the peak inflows also calculated with the PCSWMM program.

Minor system capture rates are limited to the 5-year flow, as determined using the Rational Method, on condo, school, park and future development blocks. The excess flows from these areas will drain onto the street to be conveyed to the SWM Pond. Note that 100% of the 100-year flows are to be captured on hydro corridor area A504HC1. Additionally, 100-year intakes are proposed on Street A, Street S and Walkway Block 491 to prevent overland flow from exiting the subdivision.

As noted above, the proposed LID measures (bioswales and infiltration pits) have been included in the PCSWMM modelling. These LID measures were included in the model based on storage and outlet dimensions provided by DSEL, with a void ratio of 0.35 for clear stone trenches. Infiltration in the LID measures is estimated as 6 mm/hr based on infiltration test by R.J. Burnside & Associates. Locations and details of the LID measures are available on the DSEL drawings for the subdivision. The performances of the LID measures are presented in the April 3, 2018 ***Bronte Green Development / LID Infiltration*** memo.

4.2 Conveyance of Major System

A continuous overland flow route has been provided within the proposed development in order to safely convey major system flows in excess of the minor system and up to the 100-year storm. The major system flow will not exceed the width of the road allowance, and in no case will the depth of flow exceed 30 cm, in accordance with the Town of Oakville criteria. For all classes of roads, the product of the depth of water (m) at the gutter times the velocity of flow (m/s) does not exceed 0.65 m^2/s. For further details, refer to the ***Stormwater Management Report for the Bronte Green Subdivision*** by JFSA.

Major and minor system flows within the development and from external areas were simulated using the PCSWMM program. A PCSWMM input file and minor system schematic are presented in ***Appendix A***.

The minor system was analyzed for free outfall conditions at the outlets of the pond and the oil-and-grit separators to Fourteen Mile Creek, based on the Regional water levels simulated in the receiving watercourse per the March 2017 ***Functional Servicing Report for the Bronte Green Subdivision***.

The 2- to 100-year 24-hour Chicago storms and the Regional event have been used with the PCSWMM model to verify that the storage volumes are adequate based on the detailed pond design for the SWM pond. Simulated peak inflows, release rates, pond levels and storage volumes for the 2- to 100-year and Regional storms are presented in ***Table 2*** for free outfall conditions.

Table 2
SWM Pond Inflow, Outflow and Storage Summary (Free Outfall Conditions)

Event	Minor Inflow (m^3/s)				Major Inflow (m^3/s)	Total Inflow [1] (m^3/s)	Pond Outflow (m^3/s)	Pond Level (m)	Volume Used [2] (m^3)
	MH 680	MH 990	MH 108	MH 1190					
2yr/24hr Chicago	2.126	1.626	0.172	2.241	0.412	6.410	0.162	122.159	9962
5yr/24hr Chicago	3.116	2.280	0.229	2.859	0.613	8.879	0.343	122.395	12790
10yr/24hr Chicago	3.572	2.619	0.262	3.169	0.734	10.129	0.496	122.549	14670
25yr/24hr Chicago	4.219	3.065	0.300	3.699	0.925	11.905	0.654	122.750	17149
50yr/24hr Chicago	4.620	3.400	0.320	3.984	1.100	13.164	0.736	122.890	18931
100yr/24hr Chicago	4.798	3.563	0.333	4.182	1.271	13.963	0.812	123.036	20809
Regional	1.835	1.224	0.260	1.672	0.391	5.128	3.462	124.677	44500

[1] Total inflow as simulated by the model; due to differences in timing is not a direct summation of all peak flows to pond.
[2] Active storage volume only.

Based on the PCSWMM model, the peak 5-year and 100-year inflows to the SWM pond are approximately 8.879 m^3/s and 13.963 m^3/s, respectively.

5.0 POND OPERATING CHARACTERISTICS

The SWM pond has been designed in accordance with the requirements of the ***FSR*** and the ***SWMP Design Manual***, and includes the following features (refer to ***Table 1***):

Sediment Forebay	➢ to improve sediment removal prior to entering the pond
Permanent Pool	➢ to buffer storm flows and trap pollutants ➢ to maintain total suspended sediment levels less than 25 mg/L above background conditions.
Extended Detention Storage	➢ to provide water quality and erosion control
Quantity Control Storage	➢ to attenuate post-development flows to pre-development levels at key locations on Fourteen Mile Creek (refer to ***Appendix E***)
Emergency Overflow Conveyance	➢ to provide passage of emergency overflows
Total Suspended Sediments Level	➢ to be maintained less than 25 mg/L above background conditions
Thermal Mitigation	➢ to meet the maximum discharge temperature of 24°C to Fourteen Mile Creek.
Dissolved Oxygen	➢ to maintain dissolved oxygen levels above 7 mg/L.

Details of the sizing of the various pond components will follow in **Section 6.0**. The grading of the pond and the details are illustrated on ***Drawings 84*** through ***87***, ***98***, ***100*** and ***102***.

The operating characteristics of the pond are defined in the following section, and are summarized below in ***Table 3*** for free outfall conditions.

Table 3
Summary of Pond Operating Characteristics (Free Outfall Conditions)

Pond Component	Pond Inflow [1] (m^3/s)	Lower Elevation (m)	Upper Elevation (m)	Pond Release Rate (m^3/s)	Volume Used [2] (m^3)
Permanent Pool	N/A	118.200	121.200	N/A	11180
Quality Control	N/A	121.200	121.378	0.030	1614
Extended Detention	N/A	121.378	122.000	0.094	8137
2yr/24hr Chicago	6.410	121.200	122.159	0.162	9962
5yr/24hr Chicago	8.879	122.159	122.395	0.343	12790
10yr/24hr Chicago	10.129	122.395	122.549	0.496	14670
25yr/24hr Chicago	11.905	122.549	122.750	0.654	17149
50yr/24hr Chicago	13.164	122.750	122.890	0.736	18931
100yr/24hr Chicago	13.963	122.890	123.036	0.812	20809
Regional	5.128	123.036	124.677	3.462	44500

[1] Total inflow as simulated by the model; due to differences in timing is not a direct summation of all peak flows to pond.
[2] Volumes used are active storage only for all pond components except the permanent pool.

Note that the maximum Regional pond level is 124.677 m, which corresponds to an active storage depth of less than 3.5 m above the permanent pool elevation. A 0.3 m freeboard above the Regional pond level is provided to the top of berm around the pond and to all adjacent lots.

6.0 POND COMPONENTS

6.1 Sediment Forebay

The proposed facility has been equipped with two sediment forebays in order to improve the pollutant removal by allowing the larger particles to settle out prior to entering the main cell of the pond. The forebays have been designed with minimum length to width ratios of approximately 2:1. Note that the forebays do not exceed one third of the permanent pool area, in accordance with the requirements of the ***SWMP Design Manual*** (Refer to Table B-2 of ***Appendix B***).

The pond obtains flows to the north forebay through 1350 mm and 675 mm diameter circular inlet pipes at 0.30% slopes from the east and a 1500 mm diameter circular inlet pipe at a 0.2% slope from the west. The south forebay receives flow from a 1350 mm diameter circular inlet pipe at a 0.60% slope from the south. The forebays should be sized to meet the greater of the settling and dispersion criteria, as stated in the ***SWMP Design Manual***. Calculations for the minimum dispersion length, settling length and the average velocity have been included in Calculation Sheets B-5 and B-6 of ***Appendix B***.

The forebays have been provided with permanent pools of 1.50 m depth to minimize the potential for re-suspension. In accordance with Town of Oakville criteria, the forebay has been graded at 4:1, and the forebay berm has been set 0.3 m below the permanent pool elevation.

6.2 Permanent Pool

The pond should have a permanent pool depth between 1.0 m and 3.0 m, as stipulated in the ***SWMP Design Manual***. Therefore, the proposed facility has been designed with a permanent pool depth of 3.0 m, at an elevation of 121.20 m.

The permanent pool has been sized based on enhanced protection in accordance with Table 3.2 (enhanced protection level for a wet pond) in the ***SWMP Design Manual***.

Based on a 40.354 ha drainage area with an average imperviousness of 67% (refer to Tables C-1 and C-2 of ***Appendix C***), a minimum of 178.00 m^3/ha must be provided. The required permanent pool storage volume is calculated as follows:

$$(218.00 – 40)\ m^3/ha \times 40.354\ ha = 7{,}183\ m^3$$

The proposed facility has been designed with a permanent pool volume of 11,180 m^3, which is more than the minimum permanent pool volume the ***SWMP Design Manual*** requires.

The slopes in the permanent pool will be graded with side slopes of 4:1 and 7:1, with minor localized variations. In accordance with the Town of Oakville criteria, the grading above and below the permanent pool elevation has been graded at 7:1, and the side slopes above the high water level have been graded at a 3:1 maximum, in order to address public safety concerns. The proposed pond grading is shown on ***Drawings 98*** and ***100***.

6.3 Quality Control

The quality control volume is based on a volume of 40 m^3/ha. The required quality control volume for the 40.354 ha drainage area is calculated as follows:

$$40\ m^3/ha \times 40.354\ ha = 1{,}614\ m^3$$

The quality control volume is contained within the extended detention volume at an elevation of 121.378 m.

6.4 Extended Detention

The SWM Pond extended detention storage has been sized based on the detention of the 25 mm storm volume for a detention time between 24 and 48 hours.

The proposed facility provides 8,137 m^3 of extended detention, which exceeds the required volume of 6,759 m^3. The pond will operate with a maximum extended detention storage depth of 0.80 m at an elevation of 122.00 m, which is less than the maximum recommended depth of 1.5 m. Refer to Table B-2 of ***Appendix B***.

The extended detention volume within the pond will outlet through a 300 mm perforated intake pipe, located at the southeast end of the pond. The perforated intake pipe will be installed with a reverse grade and supported by a concrete cradle. The extended detention outlet is illustrated on ***Drawing 87***.

The extended detention component has been provided with side slopes of 7:1 in the vicinity of the permanent pool, and 5:1 elsewhere as illustrated in ***Drawings 98*** and ***100***.

A 230 mm vertical orifice at an invert of 121.20 m will be provided to discharge the extended detention volume at a peak release rate of 94 L/s. The calculation of the orifice size required in order to achieve a detention time between 24 and 48 hours is provided in Tables B-3 and B-4 of ***Appendix B***.

6.5 Quantity Control

Quantity control for the 2- to 100-year storms will be provided a 600 mm diameter vertical circular orifice located in a pre-cast 1.80 m x 2.40 m box drop inlet structure. The remaining portion of the structure will be set above the 100-year pond level at an invert of 124.55 m to provided quantity control for the Regional event, along with two other pre-cast 1.80 m x 2.40 m box drop inlet structures with top elevations at 124.55 m. The details of the drop inlet structures are provided in ***Drawing 102***.

The peak 100-year water level in the pond is 123.036 m, which corresponds to an active storage depth of 1.836 m.

The controlled flows from the drop inlet structures will be conveyed by a 1500 mm diameter circular concrete pipe with a 0.25% slope and a full flowing capacity of 3.53 m^3/s. The Regional event flow to the pipe is 4.235 m^3/s, which is greater than the pipe's full flow capacity. Note that, as the outflow pipe is 7.1 m below the lowest pond outfall structure, it is possible to surcharge the pipe to convey such flows without negatively impacting the operation of the SWM pond. The SWM facility outlet pipe will discharge to the main branch of Fourteen Mile Creek.

Calculations in support of the quantity control orifices and weirs are provided in Table B-5 and Calculation Sheet B-1 of ***Appendix B***.

The purpose of the quantity control storage is to attenuate post-development flows to pre-development levels at key locations on Fourteen Mile Creek. The impact of the preliminary subdivision and pond design on the Fourteen Mile Creek watercourse was evaluated in PCSWMM based on single event modelling and continuous frequency analysis for the March 2017 ***Functional Servicing Report for the Bronte Green Subdivision***, in coordination with Town of Oakville and Conservation Halton reviewers. As part of this study, the cumulative impact of two potential adjacent developments, on the Enns and Deerfield lands, was also considered.

In the March 2017 analysis, quantity control requirements for the development of Bronte Green, Enns and Deerfield lands were established for the March 2017 study not based on unit or target flow rates for each site (e.g. matching pre-development runoff from the individual catchments), but based on realistic stage-storage-area curves and outlet controls for SWM facilities servicing the developments, to confirm that the proposed quantity control measures are practically feasible. The stage-storage-area curve and outlet control required to match post- to pre-development flows at key locations along Fourteen Mile Creek was determined iteratively for a scenario wherein only the Bronte Green site was development, and then stage-storage curves and outlet controls for the Enns and Deerfield lands were estimated as proportionate to the proposed Bronte Green SWM Facility.

The analysis of pre- and post-development flows at key locations along Fourteen Mile Creek has been updated to confirm that the impact of the detailed design of the Bronte Green subdivision and pond is in conformance with the requirements presented in the March 2017 ***Functional Servicing Report for the Bronte Green Subdivision***. Refer to ***Appendix E*** for the April 3, 2018 ***Bronte Green Development / Flood Protection and Surface Water Balance*** memo for further details.

6.6 Conveyance of Emergency Overflows

In the event of a blockage or a storm greater than the Regional event, a 10.0 m wide emergency overflow weir has been set in the berm of the pond next to Street A. Its crest elevation has been set at an elevation of 124.80 m, above the Regional water level in the pond. An additional pre-cast 1.80 m x 2.40 m box drop inlet structure has also been provided in the pond at a top elevation of 124.80 m to also act as an emergency overflow weir, with the purpose of minimizing emergency overflows to Street A. Note that at some elevations the top of the drop inlet structure has a greater capacity than the 825 mm and 1050 mm diameter pipes connecting it to the main 1500 mm diameter pond outlet pipe. These pipes have been included in the PCSWMM modelling and any flow restriction thereby accounted for in the emergency blockage scenario.

Assuming 100% blockage of the of the pond outlet structures (excepting the added drop inlet structure at 124.80 m) and a pond level of 124.80 m at the start of the event, the maximum Regional water level in the pond is 124.940 m, at which 0.828 m^3/s of outflow from the pond is conveyed by the emergency overflow weir. The elevations of the top of berm and all lots adjacent to the pond are above this Regional pond level, and thus the water is contained within the pond and no homes will be flooded.

The 10.0 m wide emergency spillway downstream of the emergency overflow weir will convey the 0.828 m^3/s Regional outflow to Street A at a flow depth of 8.3 cm and a velocity of 0.99 m/s at a 2.5% slope, and a flow depth of 8.1 cm and a velocity of 1.02 m/s at a 2.7% slope (refer to Calculation Sheet B-1 of ***Appendix B***).

The Regional flow from the emergency spillway will be conveyed within the right-of-way along Streets A and Q to Walkway Block 491, where a 2400 mm diameter catchbasin manhole equipped with an 1800 mm diameter ditch inlet grate will capture the emergency flows to the pond outfall pipe to discharge safely to Fourteen Mile Creek. Along Streets A and Q, the depth of water at the gutter will be retained within the right-of-way and will not exceed the maximum allowable value of 30 cm (refer to Calculation Sheet B-2 of ***Appendix B***, where the calculated maximum was 15.2 cm). Furthermore, it was determined that the product of the depth of water (m) at the gutter multiplied by the velocity of flow (m/s) will not exceed the maximum allowable 0.65 m^2/s (refer to Calculation Sheet B-2 of ***Appendix B***, where the calculated maximum was 0.186 m^2/s). A 12 m long curb cut is provided to convey the flow under these emergency conditions from Street Q to Walkway Block 491, with a 3 m wide overland flow route through Walkway Block 491. Refer to Calculation Sheet B-3 of ***Appendix B*** for the capacity of this curb cut and overland flow route. Finally, an 1800 mm diameter ditch inlet grate will provide sufficient capacity to capture the full emergency flows to the pond outlet pipe, even under 50% blockage of the grate (refer to Calculation Sheet B-4 of ***Appendix B***).

6.7 Access Road

A 3.0 m wide access road has been provided for the pond in order to facilitate routine inspection and maintenance activities.

6.8 Buffer Area

In accordance with Town of Oakville standards, 7.5 m buffer areas are provided within the pond block, in general around all sides of the pond excepting that fronting Street A. Buffer blocks will contain the access road and community trails.

6.9 Thermal Mitigation

In order to meet the recommended maximum discharge temperature target of 24°C, several mitigation measures will be implemented including:

- Reverse grade pipe outlet structure to deep plunge pool, with the bottom draw located 3.3 m below the permanent pool elevation.
- Side slopes below the normal water level of the permanent pool are 4H:1V.
- Permanent pool depth, of the open water component of the SWM facility, excluding the forebay area and other shallow water features, is 3.0 m.
- The perimeter of the pond at the permanent pool elevation includes a 1 m wide flat shelf, 0.3 m deep, as a wetland planting area. The shelf will include 30 cm layer of topsoil and planted with native emergent species (cattail and bulrushes) suited for fluctuating water levels.

6.10 Dissolved Oxygen

The mitigation measures implemented for thermal mitigation listed in ***Section 6.9*** also help meet the recommended minimum level of dissolved oxygen of 7 mg/L.

6.11 Total Suspended Sediments Level

Total suspended sediment levels are to be maintained less than 25 mg/L above background conditions. The mitigation measures implements for thermal mitigation listed in **Section 6.9**, and the quality and erosion control measures described in ***Sections 6.1*** to ***6.4***, will help minimize total suspended sediment levels.

7.0 SITE RESTORATION AND POND PLANTINGS

The stormwater management pond will be planted in accordance with the final landscape drawings and the ***SWMP Design Manual***. Refer to the landscape drawings for details of the proposed plantings for the pond and storm outfall.

8.0 POND MAINTENANCE AND OPERATIONS

The pond should be maintained in accordance with the current Town of Oakville guidelines for pond maintenance.

8.1 Inspections

As recommended in the ***SWMP Design Manual***, inspections should be made after every significant storm (> 10 mm) during the first two years of operation to ensure that the facility is functioning properly. It is anticipated that four inspections will be required per year. After the initial period, and after proper operation has been confirmed, an inspection schedule can be established based on the observed operation of the pond. As a minimum requirement, the pond should be inspected annually, although four inspections per year are recommended.

The inspections must be conducted by experienced personnel, trained in all elements associated with the routine operation and maintenance of a stormwater management facility. The inspection team should be knowledgeable in the following areas:

- Routine operation and maintenance activities (all pond elements)
- Stormwater management (pond operating levels)
- Hydraulics (inlet, outlet, spillway, etc.)
- Soil Mechanics (erosion, embankment characteristics, groundwater seepage, etc.)

All monitoring will be prepared in accordance with the Town's ***North Oakville Monitoring Program for Stormwater Management Facilities*** (refer to **Section 9.0** for details).

8.2 Regular Operation and Maintenance Activities

Grass Cutting

Grass cutting is not recommended for the pond. Allowing grass to grow enhances the water quality and provides other benefits. Conservation Halton is not supportive of any maintenance of vegetation associated with the pond outside of hazard tree maintenance.

Weed Control

As with grass cutting, weed control is not recommended for the pond. If weed control is required in order to remove a specific species, the weeds should be removed by hand.

Plantings

A vegetative community is required in three different locations – upland / flood, shoreline and aquatic fringes. Planting methods and any replanting should be carried out in accordance with the approved landscape design and the recommendations of the ***SWMP Design Manual***, or as modified by the operating authority. Conservation Halton requires that all vegetation planted be locally native species, as per the September 2013 ***Conservation Halton Landscaping and Tree Preservation Guidelines***.

As instructed by Conservation Halton, the tree density after planting is to be ten (10) per 100 m^2, and the shrub to tree ratio should be 5:1. No fewer than four tree species and four shrub species are to be planted.

Sediment Removal

In accordance with the ***SWMP Design Manual***, it is recommended that the frequency of sediment removal be determined based on a 5% reduction in the total suspended solids (TSS) removal efficiency. Based on Figure 6.2, Figure 6.3 and Table 3.2 of the ***SWMP Design Manual***, we have estimated the pond maintenance frequency to be approximately every 29 years (218.00 m^3/ha, 67% imperviousness). It should be noted that the pre-treatment of storm water in the forebay should allow for less frequent cleaning than indicated in the ***SWMP Design Manual***; however, the extension of service life prior to cleaning cannot be quantified.

Trash Removal

Accumulated trash and debris within the facility should be removed by hand, performed as required based on inspections.

Winter Maintenance

There are no special operation or maintenance activities required for the winter.

Safety

The SWM facility should be provided with appropriate signage that warns the public of the presence of deep water and steep slopes.

Landscape drawings will be prepared with strategic plantings around the perimeter of the pond in order to discourage direct access to the facility.

All inlets, outlets, structures, and headwalls will be provided with the appropriate grates, covers and safety features in order to prevent public entry or tampering.

9.0 MONITORING PLAN

The following monitoring plan is intended to provide guidelines for the operation, maintenance and monitoring of Pond 27 and has been prepared in conformance with the ***North Oakville Monitoring Program for Stormwater Management Facilities (draft)***, prepared by the Town of Oakville. Note that monitoring and contingency measures for the pond / clean water pipe outfall to the creek are detailed in the August 2018 ***Bronte Green Subdivision – Stormwater Management Pond Outflow Channel Design*** memo by Matrix Solutions Inc.

9.1 Program Objectives

- Design Conformance and Certification to certify that the stormwater facility construction conforms to the approved plans and functions as per the design brief.

- Functional and Inspection Monitoring to ensure that the stormwater facility is in good working condition and maintains the storage capacity needed to provide water quality, flood storage quantity and erosion protection to the receiving watercourse.

- Hydraulic and Water Quality Performance Monitoring to determine the SWM pond's pollutant removal efficiency, hydraulic response to rainfall events and overall conformance with the ***FSR*** targets.

9.2 Stages of Monitoring and Duration

Three periods of monitoring are necessary to evaluate the performance of stormwater management facilities to meet the targets set out in the ***EIR/FSR***.

Stage 1 Monitoring – Erosion and Sediment Controls

- An erosion and sediment control plan will be required to be submitted to the Town of Oakville. The plan must be reviewed and approved by the Town prior to any clearing and grading.
- The erosion and sediment control requirements will follow applicable approved guidelines and bylaws in effect at the time of development. Deliverables will include a site alteration design report, an existing site conditions survey plan, an erosion and sediment control plan, and a schedule of monitoring and reporting.
- The erosion and sediment control plan will include inspection, sampling for total suspended solids at all outlets from the site, and reporting of results.
- Remedial action to correct deficiencies of erosion and sediment control practices and facilities may be required based on either inspection or sampling results.

Stage 2 Monitoring – During Construction

The construction period is defined as the period following pond construction, during which the land draining to the facility is under development, with active construction activities underway, and land exposed. During this period, erosion and sediment control programs are important in protecting downstream facilities (i.e. sewers, ponds and receiving waters) from excessive sediment loads. This period will be specified in the Subdivision Agreement and may be extended if the active construction period is extended beyond the time specified in the Agreement.

Water quality monitoring will be undertaken during this period, for a minimum of two years, prior to build-out of the contributing drainage area. A longer monitoring period may be required if the monitoring data obtained is not a good indicator of pond performance. The data will be used in part to determine the design conformance of the pond with water quality targets, as the sediment loadings will be higher during this period than under post-development conditions, allowing for better pollutant removal efficiency calculations.

Stage 3 Monitoring – Post Construction

The post construction period is defined as the time after which the construction period specified in the Subdivision Agreement is complete. This is expected to be the period upon which the contributing drainage area to the pond has been fully developed, construction activities have been completed and the lands are stabilized with vegetation. The post-construction monitoring period will be permitted after the requirements of Stage 2 Monitoring have been satisfactorily provided to the Town. The post-construction monitoring period will be undertaken with minimal interruption during the monitoring season (March to November) for the duration of three (3) years, or as deemed necessary by the Town.

9.3 Design Conformance Certification

Following the construction of the SWM facility, a qualified professional is required to certify that the constructed facility and structural details were monitored and inspected routinely during construction and, as such, are built in accordance with the approved design. Further status certificates may be required at the assumption of the first phase(s) of the subdivision or as needed following restoration or rehabilitation works.

The Design Conformance Certificate should be accompanied by a recent as-built topographic survey of the SWM pond and associated features.

The following list of SWM pond features should be monitored during construction:

- All materials used in construction.
- The facility volume, bottom elevation, berm elevation(s), outlet elevation(s).
- Sediment forebay features.
- Inlet and outlet structural details, including extended detention outlet pipe, drain pipe and drop inlet structure.
- Emergency spillway.
- Landscaping, including paths.
- Security features or devices including fencing, warning and/or educational signage, grates and underground control chambers.
- Plantings within the SWM Block.
- Appropriate grading in accordance with both MOE and Town requirements.
- Other features as specified by design.

9.4 Inspection Monitoring

The pond should be inspected at the onset of each season (minimum four times per year) to ensure that the pond features (inlet, outlet, spillway etc.) are in good operating condition, and following every significant rainfall event to ensure proper functioning.

The following is a broad checklist of concerns applicable to most SWM facilities and should be included in the SWM Facility Inspection Form:

- Obstruction at the inlet, outlet, diversion structure or emergency spillway.
- Inspection of manhole structures and chambers.
- Inspection of outlet structures (i.e. reversed slope pipe or hickenbottom).
- Oil/grease contamination (with an unnatural odour) or evidence of hydrocarbon spills (i.e. gasoline) in the pond or the receiving watercourse.
- Accumulation of trash in or around the pond.
- Accumulation of algae or other form of choking vegetation.
- Sediment buildup in the sediment forebay, main cell or in the receiving watercourse at the outlet.
- Evidence of animal activity such as burrowing or damming within the pond or at the outlet.
- Evidence of hydraulic malfunctioning such as frequent overtopping of the high water level over the emergency spillway or low water levels following significant rainfall events.
- Inappropriate or dead vegetation in and around the pond.
- Evidence of fish stocking in the pond.

- Evidence of community activities, vandalism and encroachment.
- Status of the pond's safety features and grading (including signage fencing, side slopes, safety grates, retaining walls and other safety features).
- Erosion at the outlet structures, including evidence of scouring at the storm outfall to the creek valley.
- Erosion of the berm, spillway and receiving watercourse.
- Signs of seepage through berms.
- Vegetative barriers.
- Exercise movable parts annually to ensure they are free to operate (i.e. maintenance valve, etc.).

9.5 Functional Monitoring

Sediment Accumulation within SWM Pond

To ensure the continued pollutant removal efficiency and storage capabilities of SWM facilities, the accumulated sediment should be removed periodically in accordance with the ***SWMP Design Manual***. The following sets out the Town's preferred protocol for sediment survey in stormwater management ponds and the receiving watercourse.

The sediment monitoring component of the Monitoring Program aims to measure the sediment accumulation in the sediment forebay and main body of the pond in order to determine the need for sediment removal (cleanouts). Cross sections along the pond's flow length from the inlet structure(s) to the pond outlet should be determined in consultation with the Town. A sediment depth survey should be conducted using the disk/rod or other technique as approved by the Town. The measurement should be performed using a graduated pole with a flat plate attached to the bottom to first measure the depth from the water surface to the sediment layer and the second measurement from the top of the sediment layer to the native soil. A marker should be placed in the pond to indicate the place(s) where a measurement should be taken. Practitioners are encouraged to consult the ***Stormwater Management Sediment Maintenance Guide*** (Greenland, August 1999) for sediment measurements, sampling, and analysis techniques. Sediment disposal is regulated through the Environmental Protection Act and other MOE Guidelines.

The facility main cell and sediment forebay should be monitored every 1:2 years during heavy construction activities; minimum 1:3 years survey frequency or as deemed necessary by the Town of Oakville.

Sediment Accumulation in Receiving Watercourse

As it relates to the performance of the SWM ponds, the storm sewer outfall to the receiving stream or tributary swale is to be monitored routinely for evidence of erosion, scouring and deposition of sediment along the entire length of the gully from the tableland, extended 2-5 m downstream into the cut-off channel on the floodplain. The structural integrity of the outfall should be noted at this time. Sediment removal at the outfall is regulated by the Conservation Authority and therefore direct approval must be obtained directly from the Authority.

Sediment Removal from SWM Pond

The owner is required to address the following to the satisfaction of the Town of Oakville prior to sediment removal from the SWM pond:

- Handling, Removal and Disposal Plan for the proposed works.
- Written notice to local residents.
- Temporary public notice to identify maintenance works and duration.
- Erosion and Sediment Control Plans.
- Dewatering techniques.
- Sediment drying techniques (if site suitable).
- Truck maintenance access route.
- All necessary permits and/or written consent from external agencies.
- Sediment chemistry analysis in accordance with the Environmental Protection Act (EPA) Regulation 347-Leachate Test, CCME Guidelines and the ***Guidelines For Use at Contaminated Sites in Ontario (GCSO)***, (MOE, 1997).
- Correspondence with local MOE staff for agreed testing parameters in the context of local site conditions prior to testing.

The frequency of sediment removal is based on 5% reduction of TSS removal efficiency or 50% reduction in storage volume of the sediment forebay. Upon completion of all construction activities within the area draining to the SWM facility, the developer is required to remove any accumulated sediment from the sediment forebay, main cell, and any at-source features, and restore the facilities back to their approved design.

9.6 Hydraulic Performance Monitoring

Monitoring parameters, methodology, frequency and duration of monitoring are described in Table 1 of ***Appendix D***. The locations of monitoring stations for various monitoring components are illustrated on the Pond Monitoring Location Plan in ***Appendix D***.

Water Level

Continuous water level readings should be recorded from a secure station near the sediment forebay headwall. The suggested position is shown on the Monitoring Location Plan and labelled as Location 1. Water level monitoring is a good indicator of the SWM pond's response to rainfall events. Analysis should yield an estimate of the drawdown time for a particular rainfall event and a rough estimate of the hydrograph.

It is expected that a minimum of 6 to 8 events will be recorded over the monitoring season from construction to the Town's assumption of the facility operation and maintenance responsibilities, as deemed appropriate by the Town.

Flow

Continuous flow readings are a good indicator of the SWM facility's response to rainfall events and should be measured at the inlet(s) and outlet(s) of the pond, as indicated by Locations 2 (inlet), 3 (inlet), 4 (inlet) and 5 (outlet) of the Pond Monitoring Location Plan, and at the emergency overflow outlet. A minimum of 6 to 8 events should be recorded each monitoring

year and may begin at construction to the Town's assumption of the operations and maintenance responsibilities, or as deemed appropriate by the Town.

Water Quality

Water quality samples should be taken at the inlet(s) and outlet(s) of the pond as indicated by Locations 2 (inlet), 3 (inlet), 4 (inlet) and 5 (outlet) of the Monitoring Location Plan. It is expected that a minimum of 6 to 8 samples shall be taken each year to monitor Total Suspended Solids (TSS), total phosphorus, chloride and dissolved oxygen. Temperature will be monitored with a probe at Locations 2, 3, 4 and 5. Water quality monitoring is required from construction of the pond to assumption. All water quality samples are to be automated, not grab samples. A minimum of 24 bottles are to be collected at the pond inlet over the expected duration of the storm event, and pond outflow is to be collected over a 24 hour period.

9.7 Modified Streams

A multidisciplinary monitoring program approved by the Town and Conservation Halton will be implemented for all stream modifications. The monitoring program will be implemented by the proponent of the stream modification. Stream erosion monitoring will be carried out at sensitive downstream. Details of the monitoring program are to be reviewed and confirmed to the satisfaction of the Town and Conservation Authority.

Additional monitoring associated with Department of Fisheries and Oceans approvals under the federal Fisheries Act may be required and shall be the responsibility of the proponent.

9.8 Monitoring in Relation to Stormwater Management Works, Municipal Services and Trails Installed by an Owner within the Natural Heritage System

A monitoring program will be implemented for all municipal services such as roads, watermains, sanitary sewers, stormwater management works, cut-off swales and associated outlets, or trails within the Natural Heritage System. A monitoring program approved by the Town and Conservation Halton is to be developed based on the natural features and functions potentially affected by the specific works noted above. The details of the monitoring program are to be included in the ***EIR/FSR***. The monitoring program will be implemented by the landowners installing the stormwater management works, municipal services and trails.

9.9 Compliance with Quality Targets

It is expected that the SWM pond will meet performance targets of enhanced Level of quality control, defined as 80% removal of suspended solids (TSS) on an average annual basis and maintain total suspended sediment levels less than 25 mg/L above background conditions, in accordance with the ***FSR***. It is understood that the efficiencies calculated from multiple storm event sampling will vary significantly, depending on the season and storm size (volume and intensity).

Accordingly, it is expected that the overall pollutant removal efficiency of the SWM facility will be based on an average efficiency rating over the total sampling period post construction of the contributing drainage area. Performance of the SWM pond will be compared to the established targets with consideration for the results of similar ponds.

If the SWM facility performance meets the objectives of the Monitoring Program and targets, the pond may be considered for assumption by the Town, subject to the other conditions of assumption.

However, if the performance of the pond does not meet targets, the following actions will be considered by the Town in consultation with the owner:

- Review of conformance reports to see if the pond was sized and designed appropriately.
- Review of maintenance practices to ascertain if maintenance is required, especially focusing on sediment build-up and removal.
- Consideration of other factors that could explain high TSS levels in the outlet, such as berm erosion or short circuiting of flows.
- Consideration that efficiency of removal is low due to lower than expected TSS concentrations and loadings to the pond.
- Modifications to the inlet or outlet works if these are considered contributing to the high TSS.
- Additional years of monitoring by the owner before assumption by the Town.
- Other, as may be needed.

9.10 Annual Reporting

The annual report should provide the status of the stormwater management facility over the operating year and the results of the monitoring program, to be submitted to the Town of Oakville and Conservation Halton. Status of the facility shall be based on Functional and Inspection Monitoring as well as details of any structural modification to the pond. Modifications to the Hydraulic Performance Monitoring component may be considered annually and may include changes to the frequency of sampling, monitoring parameters or methodology applied to monitoring. Such recommendations should be put forward for consideration in the Annual Report.

9.11 Red Side Dace Monitoring Requirements

In accordance with the MNRF Redside Dace Draft Guidelines, the following monitoring program is required for a minimum of three years during the period of June 1st to September 30th of each year:

- Temperature data loggers are to be deployed seasonally each year at the pond inlets, maximum depth, mid depth, surface, and at the discharge point of bottom draw.
- Temperature and flow loggers are to be time synchronized with a recording frequency set at 15 minute intervals.
- A flow logger is to be deployed downstream of the flow control orifice, in the outlet control structure, to record flow changes following precipitation events.
- One oxygen/temperature profile is to be completed in mid-August of Year 2.
- An annual summary report and electronic data is to be provided to MNR at the end of each monitoring year.

10.0 EROSION AND SEDIMENT CONTROL

An erosion and sediment control strategy will be implemented during the construction of services in accordance with Town of Oakville standards and the Erosion and Sediment Control Guidelines for Urban Construction. The erosion and sediment control strategy will include the following:

- methods for constructing SWM and environmental features
- methods to stabilize disturbed areas to minimize transfer of sediment
- special measures for works in or adjacent to stream corridors, such as culvert crossings, wetland construction, etc.
- environment fencing
- stone mud mat at all construction entrances
- use of the permanent ponds as a temporary silt basins during site construction activities
- regular inspection of the erosion and sediment control devices
- removal and disposal of the erosion and sediment control devices after the site has been stabilized

Prepared by,
J.F. Sabourin and Associates Inc.

Per: Jonathon Burnett, P.Eng.

Prepared by,
David Schaeffer Engineering Ltd.

Per: Ryan Kerr, P.Eng.

Per: Laura Pipkins, P. Eng.

Pond Design Brief 20180809 - Main Text.doc

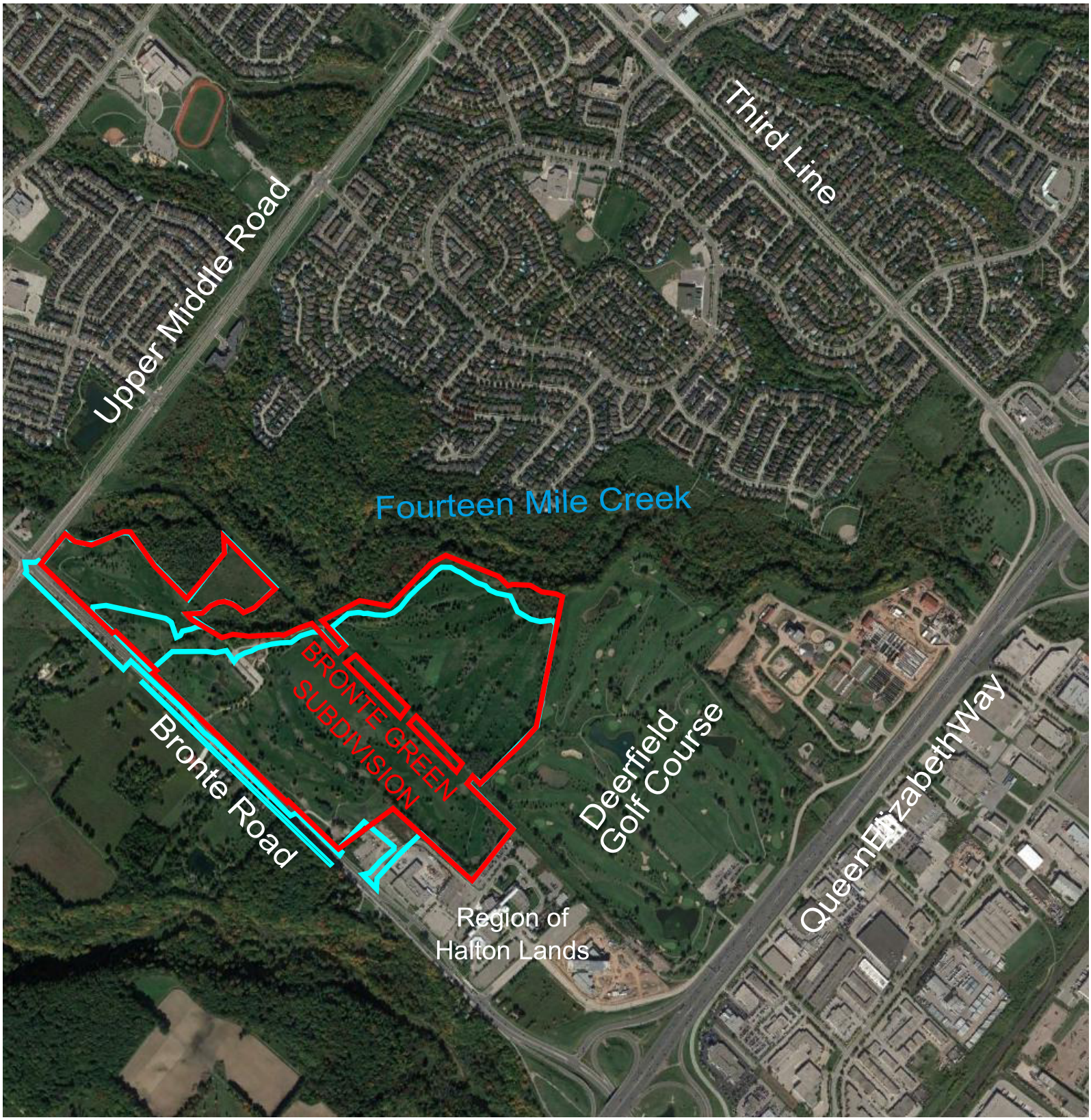
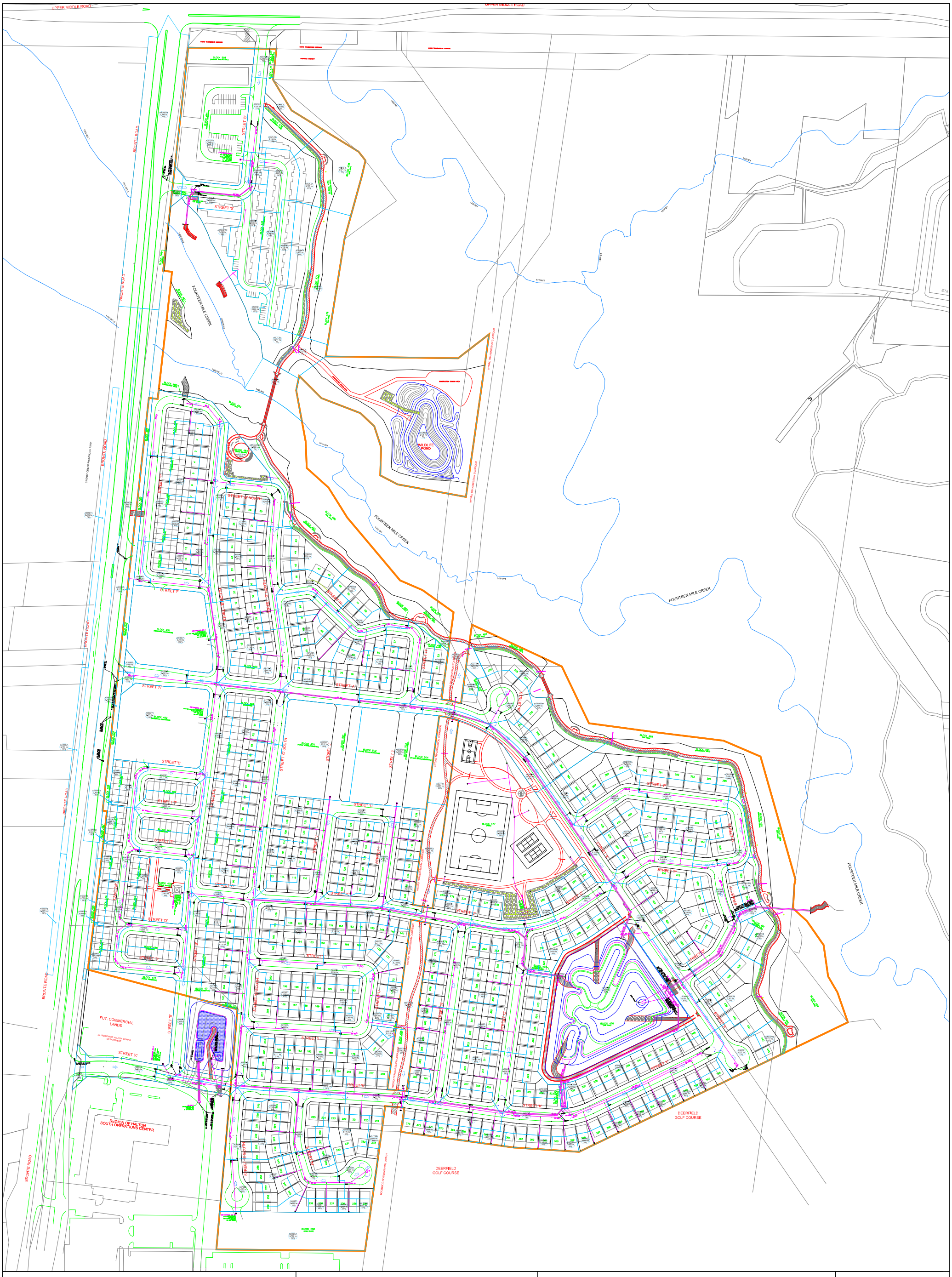


Figure 1:General Location of Subject Site



J.F. Sabourin and Associates Inc.
WATER RESOURCES AND ENVIRONMENTAL CONSULTANTS
GATINEAU (819) 243-6858
OTTAWA (613) 836-3884

CLIENT :
david schaeffer engineering ltd
120 IBER ROAD, UNIT 103
STITTSVILLE, ONTARIO., K2S 1E9
(613) 836-0856

PROJECT :
BRONTE GREEN DEVELOPMENT

SCALE:
0 50 100 150 200 250m

TITLE :
PROPOSED DRAINAGE AREA TO SWM FACILITY

FIGURE 2

No.	BY	DATE	DESCRIPTION	BY

LEGEND:
- LIMITS OF SUBDIVISION
- MAJOR SYSTEM SUBCATCHMENT BOUNDARY TO LOW POINTS AND OTHER AREAS
- MAJOR SYSTEM FLOW DIRECTION
- FIRST DIRECTION OF EXCESS MAJOR SYSTEM FLOW AT LOW POINT
- A097NE / 0.593 ha / 79% — SUB-CATCHMENT ID / SUB-CATCHMENT AREA / TOTAL IMPERVIOUSNESS

DESIGNED :	
DRAWN :	PW
VERIFIED :	LP
APPROVED :	LP
DATE	PROJECT No.
Aug/18	1051-12

APPENDIX A

HYDROLOGIC AND HYDRAULIC MODELLING

Figure A-1: PCSWMM MODEL SCHEMATIC

```
00001> [TITLE]
00002>
00003>
00004> [OPTIONS]
00005> ;;Options            Value
00006> ;;------------------ ------------
00007> FLOW_UNITS           CMS
00008> INFILTRATION         GREEN_AMPT
00009> FLOW_ROUTING         DYNWAVE
00010> START_DATE           01-01-2016
00011> START_TIME           00:00:00
00012> REPORT_START_DATE    01-01-2016
00013> REPORT_START_TIME    00:00:00
00014> END_DATE             01-02-2016
00015> END_TIME             12:00:00
00016> SWEEP_START          01/01
00017> SWEEP_END            12/31
00018> DRY_DAYS             0
00019> REPORT_STEP          00:02:00
00020> WET_STEP             00:02:00
00021> DRY_STEP             00:02:00
00022> ROUTING_STEP         2
00023> ALLOW_PONDING        YES
00024> INERTIAL_DAMPING     PARTIAL
00025> VARIABLE_STEP        0.75
00026> LENGTHENING_STEP     0
00027> MIN_SURFAREA         0
00028> NORMAL_FLOW_LIMITED  BOTH
00029> SKIP_STEADY_STATE    NO
00030> FORCE_MAIN_EQUATION  H-W
00031> LINK_OFFSETS         ELEVATION
00032> MIN_SLOPE            0
00033> MAX_TRIALS           8
00034> HEAD_TOLERANCE       0.0015
00035> SYS_FLOW_TOL         5
00036> LAT_FLOW_TOL         5
00037> MINIMUM_STEP         0.5
00038> THREADS              4
00039>
00040> [EVAPORATION]
00041> ;;Type          Parameters
00042> ;;------------- ----------
00043> CONSTANT     0.0
00044> DRY_ONLY     NO
00045>
00046> [RAINGAGES]
00047> ;;                Rain      Time   Snow   Data
00048> ;;Name            Type      Intrvl Catch  Source
00049> ;;--------------- --------- ------ ------ ----------
00050> 002yrChicago24hr INTENSITY 0:10   1.0    TIMESERIES 002yrChicago24hr
00051> 005yrChicago24hr INTENSITY 0:10   1.0    TIMESERIES 005yrChicago24hr
00052> 010yrChicago24hr INTENSITY 0:10   1.0    TIMESERIES 010yrChicago24hr
00053> 025yrChicago24hr INTENSITY 0:10   1.0    TIMESERIES 025yrChicago24hr
00054> 050yrChicago24hr INTENSITY 0:10   1.0    TIMESERIES 050yrChicago24hr
00055> 100yrChicago24hr INTENSITY 0:10   1.0    TIMESERIES 100yrChicago24hr
00056> 10mm4Hr          INTENSITY 0:10   1.0    TIMESERIES 10mm4Hr
00057> 25mm4hr          INTENSITY 0:10   1.0    TIMESERIES 25mm4hr
00058> Regional         INTENSITY 0:10   1.0    TIMESERIES Regional
00059>
00060> [SUBCATCHMENTS]
00061> ;;                                                  Total    Pcnt.             Pcnt.    Curb     Snow
00062> ;;Name            Raingage         Outlet           Area     Imperv   Width    Slope    Length   Pack
00063> ;;--------------- ---------------- ---------------- -------- -------- -------- -------- -------- --------
00064> A001SE           100yrChicago24hr Maj-230          0.27522  74       194.777  2        0
00065> A003DV1          100yrChicago24hr MH-3             0.22445  79       320.003  2        0
00066> A003DV2          100yrChicago24hr MH-109           0.17709  79       320.004  2        0
00067> A003NE           100yrChicago24hr Maj-230          0.22     68       19       2        0
00068> A003NW           100yrChicago24hr Maj-230          0.054    50       12       2        0
00069> A006SW           100yrChicago24hr Maj-211          0.15787  71       124.779  2        0
00070> A007R1           100yrChicago24hr RCB-3            0.14971  50       91.999   2        0
00071> A007R2           100yrChicago24hr RCB-2            0.15106  41       94.001   2        0
00072> A007SE           100yrChicago24hr Maj-222          0.15358  77       77.002   2        0
00073> A007SW           100yrChicago24hr Maj-222          0.35385  82       183.847  2        0
00074> A008R1           100yrChicago24hr RCB-1            0.11243  48       67.999   2        0
00075> A010DV1          100yrChicago24hr A010DV1-Onsite   0.7983   100      89.514   2        0
00076> A011NE           100yrChicago24hr Maj-225          0.25138  83       182.45   2        0
00077> A012NE           100yrChicago24hr Maj-201_1        0.37557  80       191.999  2        0
00078> A012R1           100yrChicago24hr RCB-14           0.16474  48       105.997  2        0
00079> A012R2           100yrChicago24hr RCB-15           0.12988  48       80       2        0
00080> A013NE           100yrChicago24hr Maj-199          0.35415  74       210.004  2        0
00081> A014NE           100yrChicago24hr Maj-183          0.16817  69       75.999   2        0
00082> A014R1           100yrChicago24hr RCB-24           0.082    40.244   66.001   2        0
00083> A014R2           100yrChicago24hr RCB-26           0.155    32.258   52       2        0
00084> A014SW           100yrChicago24hr Maj-199          0.10275  72       36       2        0
00085> A016NE           100yrChicago24hr Maj-165          0.23462  67       94.999   2        0
00086> A016R1           100yrChicago24hr RCB-36           0.12971  42       78.002   2        0
00087> A017NE           100yrChicago24hr Maj-156          0.135    53       91       2        0
00088> A019NE           100yrChicago24hr Maj-124          0.44493  68       205.996  2        0
00089> A019R1           100yrChicago24hr RCB-37           0.11553  44       63.998   2        0
```

00090>	A020NE	100yrChicago24hr	Maj-106	0.422	70	28	2	0
00091>	A021NE	100yrChicago24hr	Maj-97	0.3948	80	193	2	0
00092>	A022NE	100yrChicago24hr	Maj-45	0.32596	67	176.998	2	0
00093>	A025NE	100yrChicago24hr	Maj-89	0.3	65	19	2	0
00094>	A026R1	100yrChicago24hr	RCB-63	0.12316	44	76.001	2	0
00095>	A026R2	100yrChicago24hr	RCB-67	0.143	48.252	26	2	0
00096>	A027NE	100yrChicago24hr	Maj-61	0.343	68.513	17	2	0
00097>	A027R1	100yrChicago24hr	RCB-61	0.14554	40	79.998	2	0
00098>	A028NE	100yrChicago24hr	Maj-13	0.614	69.055	22	2	0
00099>	A029R1	100yrChicago24hr	RYD-62	0.298	34.564	33	2	0
00100>	A030NE	100yrChicago24hr	Maj-17	0.16985	79	112.001	2	0
00101>	A032NW	100yrChicago24hr	Maj-147	0.21209	59	213.995	2	0
00102>	A032R1	100yrChicago24hr	RCB-34	0.12758	49	79.997	2	0
00103>	A032R2	100yrChicago24hr	RCB-43	0.076	47.368	50	2	0
00104>	A032R3	100yrChicago24hr	RCB-46	0.091	37.363	59	2	0
00105>	A032SC1	100yrChicago24hr	A032SC1-Onsite	0.94393	86	205.999	2	0
00106>	A032SW	100yrChicago24hr	Maj-114	0.42607	79	263.006	2	0
00107>	A034R1	100yrChicago24hr	RCB-20	0.14408	47	91.999	2	0
00108>	A034R2	100yrChicago24hr	RCB-22	0.15946	46	98.003	2	0
00109>	A034SC1	100yrChicago24hr	A034SC1-onsite	0.91214	86	212.002	2	0
00110>	A034SE	100yrChicago24hr	Maj-157	0.47916	79	261.994	2	0
00111>	A035R1	100yrChicago24hr	RCB-10	0.15386	50	92	2	0
00112>	A035R2	100yrChicago24hr	RCB-13	0.17168	52	110.002	2	0
00113>	A036R1	100yrChicago24hr	RCB-8	0.16379	50	104	2	0
00114>	A036R2	100yrChicago24hr	RCB-9	0.15536	50	100	2	0
00115>	A036SE	100yrChicago24hr	Maj-202	0.32831	79	189.72	2	0
00116>	A037NE	100yrChicago24hr	Maj-184	0.13007	74	77.998	2	0
00117>	A040NE	100yrChicago24hr	Maj-271	0.11306	91	32.35	2	0
00118>	A040SE	100yrChicago24hr	Maj-271	0.21681	78	147.44	2	0
00119>	A043NE	100yrChicago24hr	Maj-271	0.24986	75	171.997	2	0
00120>	A043SE	100yrChicago24hr	Maj-264	0.21443	95	135.999	2	0
00121>	A044NE	100yrChicago24hr	Maj-271	0.29903	84	155.002	2	0
00122>	A045NE	100yrChicago24hr	Maj-267	0.25913	83	176.004	2	0
00123>	A048NE	100yrChicago24hr	Maj-264	0.22049	93	147.003	2	0
00124>	A048SE	100yrChicago24hr	Maj-257	0.24632	75	148.002	2	0
00125>	A049NW	100yrChicago24hr	Maj-210	0.344	61.628	12	2	0
00126>	A049R1	100yrChicago24hr	RCB-4	0.118	50.847	31	2	0
00127>	A051SE	100yrChicago24hr	Maj-245	0.19077	82	101.001	2	0
00128>	A052DV1	100yrChicago24hr	A052DV1-Onsite	0.87061	100	84	2	0
00129>	A052NE	100yrChicago24hr	Maj-248	0.29665	74	215.84	2	0
00130>	A055NE	100yrChicago24hr	Maj-248	0.188	82	90	2	0
00131>	A055SW	100yrChicago24hr	Maj-221	0.06955	70	87.003	2	0
00132>	A056NE	100yrChicago24hr	Maj-75	0.26904	79	154.001	2	0
00133>	A058NW	100yrChicago24hr	Maj-75	0.13639	73	94.999	2	0
00134>	A058PK1	100yrChicago24hr	Trench-BGPark	2.12936	29	142	2	0
00135>	A058R1	100yrChicago24hr	Trench-BGPark	0.06788	46	43	2	0
00136>	A058R2	100yrChicago24hr	Trench-BGPark	0.05537	48	34.001	2	0
00137>	A058R3	100yrChicago24hr	Trench-BGPark	0.10707	49	61.002	2	0
00138>	A059NE	100yrChicago24hr	Maj-184	0.40701	75	260.004	2	0
00139>	A059PK1	100yrChicago24hr	A059PK1-Onsite	0.30235	29	63	2	0
00140>	A059R1	100yrChicago24hr	RCB-7	0.10192	51	66.002	2	0
00141>	A059R2	100yrChicago24hr	A059PK1	0.08205	72	72.998	2	0
00142>	A060NE	100yrChicago24hr	Maj-174	0.18179	73	101	2	0
00143>	A060R1	100yrChicago24hr	RCB-23	0.16868	47	116.003	2	0
00144>	A061R1	100yrChicago24hr	RCB-30	0.13974	48	85.999	2	0
00145>	A061R2	100yrChicago24hr	RCB-32	0.13537	48	90.001	2	0
00146>	A062NE	100yrChicago24hr	Maj-96	0.231	78	140	2	0
00147>	A062NW	100yrChicago24hr	Maj-78	0.042	57	47	2	0
00148>	A062R1	100yrChicago24hr	RCB-38	0.111	38.739	40	2	0
00149>	A062SE	100yrChicago24hr	Maj-120	0.19251	81	156.005	2	0
00150>	A063SW	100yrChicago24hr	Maj-95	0.349	74.499	17	2	0
00151>	A067NE	100yrChicago24hr	Maj-54	0.717	76.29	27	2	0
00152>	A069R1	100yrChicago24hr	RCB-51	0.15168	47	96	2	0
00153>	A069R2	100yrChicago24hr	RCB-52	0.16113	48	102	2	0
00154>	A069R3	100yrChicago24hr	RCB-54	0.18996	48	127.997	2	0
00155>	A072NE	100yrChicago24hr	Maj-193	0.23828	80	105.761	2	0
00156>	A073NE	100yrChicago24hr	Maj-176	0.31165	74	152.188	2	0
00157>	A075NW	100yrChicago24hr	Maj-193	0.369	74.255	21	2	0
00158>	A075R1	100yrChicago24hr	RCB-19	0.13272	47	89.998	2	0
00159>	A075R2	100yrChicago24hr	RCB-27	0.16763	48	110.001	2	0
00160>	A075SW	100yrChicago24hr	Maj-166	0.49754	76	205.4	2	0
00161>	A077NE	100yrChicago24hr	Maj-174	0.16913	78	86.001	2	0
00162>	A077R1	100yrChicago24hr	RCB-5	0.13653	36	85.998	2	0
00163>	A077R2	100yrChicago24hr	RCB-6	0.11608	50	74.002	2	0
00164>	A078NE	100yrChicago24hr	Maj-146	0.24127	76	236.007	2	0
00165>	A079DV1	100yrChicago24hr	A079DV1-Onsite	0.72918	79	167.998	2	0
00166>	A079NE	100yrChicago24hr	Maj-154	0.2504	66	116.001	2	0
00167>	A080NE	100yrChicago24hr	Maj-138	0.20683	73	163.995	2	0
00168>	A082NW	100yrChicago24hr	Maj-131	0.23357	77	82	2	0
00169>	A082R1	100yrChicago24hr	RCB-28	0.054	48.077	16	2	0
00170>	A082R2	100yrChicago24hr	RCB-31	0.031	48.387	18	2	0
00171>	A083R1	100yrChicago24hr	RCB-21	0.065	47	16	2	0
00172>	A084NW	100yrChicago24hr	Maj-123	0.27997	74	139.999	2	0
00173>	A084R1	100yrChicago24hr	RCB-18	0.177	41	33	2	0
00174>	A084R2	100yrChicago24hr	RCB-29	0.08	47	12	2	0
00175>	A085NE	100yrChicago24hr	Maj-100	0.4083	72	253.005	2	0
00176>	A085R1	100yrChicago24hr	RCB-16	0.16467	44	102.001	2	0
00177>	A087NE	100yrChicago24hr	Maj-44	0.406	79.31	40	2	0
00178>	A088NE	100yrChicago24hr	Maj-70	0.09561	84	43	2	0

```
00179> A090NE          100yrChicago24hr Maj-245          0.21447  63       216.004  2        0
00180> A090NW          100yrChicago24hr Maj-220          0.17357  71       160.002  2        0
00181> A090W           100yrChicago24hr Maj-220          0.04724  80       25       2        0
00182> A091NE          100yrChicago24hr Maj-163          0.08556  68       95.003   2        0
00183> A092R1          100yrChicago24hr RCB-73           0.04303  47       32       2        0
00184> A092R2          100yrChicago24hr RCB-17           0.11108  48       64.001   2        0
00185> A093NE          100yrChicago24hr Maj-103          0.241    76.763   17       2        0
00186> A093NW          100yrChicago24hr Maj-127          0.23739  76       121      2        0
00187> A093R1          100yrChicago24hr RCB-25           0.17269  46       110.001  2        0
00188> A093R2          100yrChicago24hr RCB-35           0.17478  35       45       2        0
00189> A093R3          100yrChicago24hr RCB-33           0.105    42.857   18       2        0
00190> A094N1          100yrChicago24hr Maj-67           0.239    68.201   17       2        0
00191> A094NE          100yrChicago24hr Maj-83           0.429    76.457   20       2        0
00192> A094SE          100yrChicago24hr Maj-55           0.359    81       182      2        0
00193> A097NE          100yrChicago24hr Maj-58           0.591    78.68    282.995  2        0
00194> A105NE          100yrChicago24hr Maj-15           0.07915  79       37       2        0
00195> A105SE          100yrChicago24hr Maj-15           0.227    76.695   40       2        0
00196> A106NE          100yrChicago24hr Maj-17           0.191    51.031   15       2        0
00197> A109DV1         100yrChicago24hr MH-109           0.14981  79       211.985  2        0
00198> A109DV2         100yrChicago24hr A109DV1          0.09719  79       137.995  2        0
00199> A109DV3         100yrChicago24hr MH-109           0.12709  79       211.993  2        0
00200> A109DV4         100yrChicago24hr A109DV3          0.08256  79       135.991  2        0
00201> A109NE          100yrChicago24hr Maj-242          0.13132  70       120.999  2        0
00202> A109R1          100yrChicago24hr A109DV3          0.05147  80       49       2        0
00203> A109R2          100yrChicago24hr A109DV3          0.04436  80       40.998   2        0
00204> A109R3          100yrChicago24hr A109DV4          0.09558  80       90       2        0
00205> A109R4          100yrChicago24hr A109DV4          0.05333  80       48.999   2        0
00206> A109W1          100yrChicago24hr Maj-242          0.02407  79       12       2        0
00207> A109W2          100yrChicago24hr Maj-242          0.02407  79       12       2        0
00208> A109WK1         100yrChicago24hr Maj-271          0.00319  80       20       2        0
00209> A109WK2         100yrChicago24hr Maj-258          0.00318  80       20       2        0
00210> A109WK3         100yrChicago24hr Maj-257          0.0032   80       20       2        0
00211> A111NE          100yrChicago24hr Maj-219          0.28257  75       124.519  2        0
00212> A112NE          100yrChicago24hr Maj-192          0.25061  76       176.003  2        0
00213> A113NE          100yrChicago24hr Maj-140          0.06843  66       72.001   2        0
00214> A115NE          100yrChicago24hr Maj-66           0.19     71       19       2        0
00215> A115NW          100yrChicago24hr Maj-104          0.07351  66       79.001   2        0
00216> A116NE          100yrChicago24hr Maj-53           0.0973   82       53.999   2        0
00217> A116NW          100yrChicago24hr Maj-66           0.11874  57       93.999   2        0
00218> A117NE          100yrChicago24hr Maj-53           0.32499  64       200.996  2        0
00219> A119NE          100yrChicago24hr Maj-17           0.257    68       33       2        0
00220> A119R1          100yrChicago24hr RCB-64           0.129    41.085   26       2        0
00221> A120NW          100yrChicago24hr Maj-203          0.24802  71       184.005  2        0
00222> A120R1          100yrChicago24hr RCB-12           0.12617  49       80.001   2        0
00223> A120R2          100yrChicago24hr RCB-11           0.17111  45       107.997  2        0
00224> A200NE          100yrChicago24hr Maj-275          0.15     100      18       2        0
00225> A201DV1         100yrChicago24hr A201DV1-Onsite   1.14822  86       77       2        0
00226> A201NE          100yrChicago24hr Maj-270          0.065    100      35       2        0
00227> A203NE          100yrChicago24hr Maj-273          0.245    100      21       2        0
00228> A500R1          100yrChicago24hr RCB-41           0.12     23.333   78       2        0
00229> A500R2          100yrChicago24hr RCB-40           0.057    47.368   36       2        0
00230> A5010HC1        100yrChicago24hr RYD-28           0.264    29       236      2        0
00231> A5010HC2        100yrChicago24hr RYD-36           0.276    29       248      2        0
00232> A5010R1         100yrChicago24hr RCB-44           0.062    48.387   34       2        0
00233> A501R1          100yrChicago24hr RCB-39_2         0.015    46.667   10       2        0
00234> A501R2          100yrChicago24hr RCB-39           0.018    7        8        2        0
00235> A501R3          100yrChicago24hr RCB-39_3         0.128    31.25    50       2        0
00236> A502R1          100yrChicago24hr RCB-45           0.068    48.529   45       2        0
00237> A502R2          100yrChicago24hr RCB-47           0.055    47.273   36       2        0
00238> A502R3          100yrChicago24hr RYD-55           0.03919  49       16       2        0
00239> A503R1          100yrChicago24hr RCB-42           0.067    49.254   21       2        0
00240> A504HC1         100yrChicago24hr RYD-38           0.152    29       138      2        0
00241> A505R1          100yrChicago24hr RCB-48           0.065    23.729   16       2        0
00242> A505R2          100yrChicago24hr RCB-50           0.08     49       16       2        0
00243> A505R3          100yrChicago24hr RCB-55           0.04092  48       26.001   2        0
00244> A506R1          100yrChicago24hr RCB-56           0.08392  46       53.999   2        0
00245> A507R1          100yrChicago24hr RCB-58           0.04817  39       29.999   2        0
00246> A508R1          100yrChicago24hr RCB-65           0.043    48.837   16       2        0
00247> A508R2          100yrChicago24hr RCB-66           0.051    48.837   16       2        0
00248> A508R3          100yrChicago24hr RCB-69           0.067    46       17       2        0
00249> A509R1          100yrChicago24hr RCB-59           0.05476  39       33       2        0
00250> A509R2          100yrChicago24hr RCB-60           0.0472   47       25       2        0
00251> A509R3          100yrChicago24hr RCB-62           0.04329  48       27.999   2        0
00252> A510WK1         100yrChicago24hr RYD-36           0.017    62.5     6        2        0
00253> A802NE          100yrChicago24hr Maj-307          0.2268   64       120      2        0
00254> A805NE          100yrChicago24hr Maj-314          0.2283   62       128      2        0
00255> A805NW          100yrChicago24hr Maj-314          0.1552   69       90       2        0
00256> A805SE          100yrChicago24hr Maj-313          0.0258   100      39       2        0
00257> A806NE          100yrChicago24hr Maj-303          0.338    76       25       2        0
00258> ABGRD01         100yrChicago24hr B-Road_Spill     1.086    71       72       2        0
00259> ABGRD02         100yrChicago24hr B-Road_Spill2    1.449    79       97       2        0
00260> ACREEK10        100yrChicago24hr LID32            0.11     21       39       2        0
00261> ACREEK2         100yrChicago24hr LID41            0.224    22       74       2        0
00262> ACREEK3         100yrChicago24hr Trench-Trail-4East 0.17   24       56       2        0
00263> ACREEK4         100yrChicago24hr LID16            0.02411  7        10       2        0
00264> ACREEK5A        100yrChicago24hr LID19            0.175841 20       75       2        0
00265> ACREEK5B        100yrChicago24hr LID78            0.341159 20       90       2        0
00266> ACREEK6A        100yrChicago24hr LID10            0.5359   26       150      2        0
00267> ACREEK6B        100yrChicago24hr Trench-Trail-7   0.0981   14       110      2        0
```

```
00268> ACREEK7A         100yrChicago24hr Trench-Trail-9   0.111    30       51       2        0
00269> ACREEK7B         100yrChicago24hr RYD-144          0.042    25       60       2        0
00270> ACREEK8          100yrChicago24hr LID5             0.149    19       62       2        0
00271> ACREEK9          100yrChicago24hr Trench-Trail-10East 0.351 23       74       2        0
00272> ACREEKPK1        100yrChicago24hr Trench-UrbanSquare 0.18956 29      85.001   2        0
00273> ACREEKPK2        100yrChicago24hr LID28            0.106    7        120      2        0
00274> ACREEKR1         100yrChicago24hr To_E643          0.208    29       20       2        0
00275> ACREEKR4         100yrChicago24hr LID17            0.0761   64       41       2        0
00276> ANHS-1           100yrChicago24hr LID61            0.163    10       65       2        0
00277> ANHS-2           100yrChicago24hr LID61            0.371    7        77       2        0
00278> ANHS-3           100yrChicago24hr LID55            0.481    7        147      2        0
00279> ANHS-4           100yrChicago24hr LID114           0.147    7        42       2        0
00280> ANHS-5           100yrChicago24hr To_E505          0.211    7        75       2        0
00281> AOUT00           100yrChicago24hr LID97            0.1508   11       20       2        0
00282> AOUT01           100yrChicago24hr RYD-26           0.223    29       196      2        0
00283> AOUT-E1          100yrChicago24hr LID49            0.168    21       77       2        0
00284> AOUT-E2          100yrChicago24hr LID54            0.375    31       147      2        0
00285> AOUT-E3          100yrChicago24hr Trench-Trail-3   0.211    7        46       2        0
00286> AOUT-N1          100yrChicago24hr Maj-253          0.08     70       24       2        0
00287> AOUT-N2          100yrChicago24hr LID47            0.154    15       65       2        0
00288> AOUT-N3          100yrChicago24hr LID100           0.044    25       25       2        0
00289> AOUTNR1          100yrChicago24hr LID99            0.03842  38       28.001   2        0
00290> AOUTSR1          100yrChicago24hr RYD-11           0.05582  41       14       2        0
00291> AOUTSR2          100yrChicago24hr RYD-14           0.02707  47       16.999   2        0
00292> AOUT-W1          100yrChicago24hr B-Road_Spill2    0.03883  79       20       2        0
00293> APOND1           100yrChicago24hr SFBG-4-5         1.9635   52       131.286  2        0
00294> APONDR1          100yrChicago24hr SFBG-4-5         0.259    49.027   162      2        0
00295> APONDR2          100yrChicago24hr SFBG-4-5         0.26     46.154   140      2        0
00296> APONDR3          100yrChicago24hr SFBG-4-5         0.183    42.623   103      2        0
00297> APONDWK1         100yrChicago24hr Major_Pond_South 0.021    38.095   26.998   2        0
00298> APONDWK2         100yrChicago24hr MH-68            0.0165   50       53.992   2        0
00299> ATURTLE          100yrChicago24hr To_E301          2.12471  7        263.001  2        0
00300>
00301> [SUBAREAS]
00302> ;;Subcatchment   N-Imperv   N-Perv     S-Imperv   S-Perv     PctZero    RouteTo    PctRouted
00303> ;;-------------- ---------- ---------- ---------- ---------- ---------- ---------- ----------
00304> A001SE           0.013      0.25       2.5        5          25         OUTLET
00305> A003DV1          0.013      0.25       2.5        5          25         OUTLET
00306> A003DV2          0.013      0.25       2.5        5          25         OUTLET
00307> A003NE           0.013      0.25       2.5        5          25         OUTLET
00308> A003NW           0.013      0.25       2.5        5          25         OUTLET
00309> A006SW           0.013      0.25       2.5        5          25         OUTLET
00310> A007R1           0.013      0.25       2.5        5          25         PERVIOUS   100
00311> A007R2           0.013      0.25       2.5        5          25         PERVIOUS   100
00312> A007SE           0.013      0.25       2.5        5          25         OUTLET
00313> A007SW           0.013      0.25       2.5        5          25         OUTLET
00314> A008R1           0.013      0.25       2.5        5          25         PERVIOUS   100
00315> A010DV1          0.013      0.25       2.5        5          25         OUTLET
00316> A011NE           0.013      0.25       2.5        5          25         OUTLET
00317> A012NE           0.013      0.25       2.5        5          25         OUTLET
00318> A012R1           0.013      0.25       2.5        5          25         PERVIOUS   100
00319> A012R2           0.013      0.25       2.5        5          25         PERVIOUS   100
00320> A013NE           0.013      0.25       2.5        5          25         OUTLET
00321> A014NE           0.013      0.25       2.5        5          25         OUTLET
00322> A014R1           0.013      0.25       2.5        5          25         PERVIOUS   100
00323> A014R2           0.013      0.25       2.5        5          25         PERVIOUS   100
00324> A014SW           0.013      0.25       2.5        5          25         OUTLET
00325> A016NE           0.013      0.25       2.5        5          25         OUTLET
00326> A016R1           0.013      0.25       2.5        5          25         PERVIOUS   100
00327> A017NE           0.013      0.25       2.5        5          25         OUTLET
00328> A019NE           0.013      0.25       2.5        5          25         OUTLET
00329> A019R1           0.013      0.25       2.5        5          25         PERVIOUS   100
00330> A020NE           0.013      0.25       2.5        5          25         OUTLET
00331> A021NE           0.013      0.25       2.5        5          25         OUTLET
00332> A022NE           0.013      0.25       2.5        5          25         OUTLET
00333> A025NE           0.013      0.25       2.5        5          25         OUTLET
00334> A026R1           0.013      0.25       2.5        5          25         PERVIOUS   100
00335> A026R2           0.013      0.25       2.5        5          25         PERVIOUS   100
00336> A027NE           0.013      0.25       2.5        5          25         OUTLET
00337> A027R1           0.013      0.25       2.5        5          25         PERVIOUS   100
00338> A028NE           0.013      0.25       2.5        5          25         OUTLET
00339> A029R1           0.013      0.25       2.5        5          25         PERVIOUS   100
00340> A030NE           0.013      0.25       2.5        5          25         OUTLET
00341> A032NW           0.013      0.25       2.5        5          25         OUTLET
00342> A032R1           0.013      0.25       2.5        5          25         PERVIOUS   100
00343> A032R2           0.013      0.25       2.5        5          25         PERVIOUS   100
00344> A032R3           0.013      0.25       2.5        5          25         PERVIOUS   100
00345> A032SC1          0.013      0.25       2.5        5          25         OUTLET
00346> A032SW           0.013      0.25       2.5        5          25         OUTLET
00347> A034R1           0.013      0.25       2.5        5          25         PERVIOUS   100
00348> A034R2           0.013      0.25       2.5        5          25         PERVIOUS   100
00349> A034SC1          0.013      0.25       2.5        5          25         OUTLET
00350> A034SE           0.013      0.25       2.5        5          25         OUTLET
00351> A035R1           0.013      0.25       2.5        5          25         PERVIOUS   100
00352> A035R2           0.013      0.25       2.5        5          25         PERVIOUS   100
00353> A036R1           0.013      0.25       2.5        5          25         PERVIOUS   100
00354> A036R2           0.013      0.25       2.5        5          25         PERVIOUS   100
00355> A036SE           0.013      0.25       2.5        5          25         OUTLET
00356> A037NE           0.013      0.25       2.5        5          25         OUTLET
```

00357> A040NE	0.013	0.25	2.5	5	25	OUTLET	
00358> A040SE	0.013	0.25	2.5	5	25	OUTLET	
00359> A043NE	0.013	0.25	2.5	5	25	OUTLET	
00360> A043SE	0.013	0.25	2.5	5	25	OUTLET	
00361> A044NE	0.013	0.25	2.5	5	25	OUTLET	
00362> A045NE	0.013	0.25	2.5	5	25	OUTLET	
00363> A048NE	0.013	0.25	2.5	5	25	OUTLET	
00364> A048SE	0.013	0.25	2.5	5	25	OUTLET	
00365> A049NW	0.013	0.25	2.5	5	25	OUTLET	
00366> A049R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00367> A051SE	0.013	0.25	2.5	5	25	OUTLET	
00368> A052DV1	0.013	0.25	2.5	5	25	OUTLET	
00369> A052NE	0.013	0.25	2.5	5	25	OUTLET	
00370> A055NE	0.013	0.25	2.5	5	25	OUTLET	
00371> A055SW	0.013	0.25	2.5	5	25	OUTLET	
00372> A056NE	0.013	0.25	2.5	5	25	OUTLET	
00373> A058NW	0.013	0.25	2.5	5	25	OUTLET	
00374> A058PK1	0.013	0.25	2.5	5	25	OUTLET	
00375> A058R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00376> A058R2	0.013	0.25	2.5	5	25	PERVIOUS	100
00377> A058R3	0.013	0.25	2.5	5	25	PERVIOUS	100
00378> A059NE	0.013	0.25	2.5	5	25	OUTLET	
00379> A059PK1	0.013	0.25	2.5	5	25	OUTLET	
00380> A059R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00381> A059R2	0.013	0.25	2.5	5	25	PERVIOUS	100
00382> A060NE	0.013	0.25	2.5	5	25	OUTLET	
00383> A060R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00384> A061R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00385> A061R2	0.013	0.25	2.5	5	25	PERVIOUS	100
00386> A062NE	0.013	0.25	2.5	5	25	OUTLET	
00387> A062NW	0.013	0.25	2.5	5	25	OUTLET	
00388> A062R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00389> A062SE	0.013	0.25	2.5	5	25	OUTLET	
00390> A063SW	0.013	0.25	2.5	5	25	OUTLET	
00391> A067NE	0.013	0.25	2.5	5	25	OUTLET	
00392> A069R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00393> A069R2	0.013	0.25	2.5	5	25	PERVIOUS	100
00394> A069R3	0.013	0.25	2.5	5	25	PERVIOUS	100
00395> A072NE	0.013	0.25	2.5	5	25	OUTLET	
00396> A073NE	0.013	0.25	2.5	5	25	OUTLET	
00397> A075NW	0.013	0.25	2.5	5	25	OUTLET	
00398> A075R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00399> A075R2	0.013	0.25	2.5	5	25	PERVIOUS	100
00400> A075SW	0.013	0.25	2.5	5	25	OUTLET	
00401> A077NE	0.013	0.25	2.5	5	25	OUTLET	
00402> A077R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00403> A077R2	0.013	0.25	2.5	5	25	PERVIOUS	100
00404> A078NE	0.013	0.25	2.5	5	25	OUTLET	
00405> A079DV1	0.013	0.25	2.5	5	25	OUTLET	
00406> A079NE	0.013	0.25	2.5	5	25	OUTLET	
00407> A080NE	0.013	0.25	2.5	5	25	OUTLET	
00408> A082NW	0.013	0.25	2.5	5	25	OUTLET	
00409> A082R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00410> A082R2	0.013	0.25	2.5	5	25	PERVIOUS	100
00411> A083R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00412> A084NW	0.013	0.25	2.5	5	25	OUTLET	
00413> A084R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00414> A084R2	0.013	0.25	2.5	5	25	PERVIOUS	100
00415> A085NE	0.013	0.25	2.5	5	25	OUTLET	
00416> A085R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00417> A087NE	0.013	0.25	2.5	5	25	OUTLET	
00418> A088NE	0.013	0.25	2.5	5	25	OUTLET	
00419> A090NE	0.013	0.25	2.5	5	25	OUTLET	
00420> A090NW	0.013	0.25	2.5	5	25	OUTLET	
00421> A090W	0.013	0.25	2.5	5	25	OUTLET	
00422> A091NE	0.013	0.25	2.5	5	25	OUTLET	
00423> A092R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00424> A092R2	0.013	0.25	2.5	5	25	PERVIOUS	100
00425> A093NE	0.013	0.25	2.5	5	25	OUTLET	
00426> A093NW	0.013	0.25	2.5	5	25	OUTLET	
00427> A093R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00428> A093R2	0.013	0.25	2.5	5	25	PERVIOUS	100
00429> A093R3	0.013	0.25	2.5	5	25	PERVIOUS	100
00430> A094N1	0.013	0.25	2.5	5	25	OUTLET	
00431> A094NE	0.013	0.25	2.5	5	25	OUTLET	
00432> A094SE	0.013	0.25	2.5	5	25	OUTLET	
00433> A097NE	0.013	0.25	2.5	5	25	OUTLET	
00434> A105NE	0.013	0.25	2.5	5	25	OUTLET	
00435> A105SE	0.013	0.25	2.5	5	25	OUTLET	
00436> A106NE	0.013	0.25	2.5	5	25	OUTLET	
00437> A109DV1	0.013	0.25	2.5	5	25	OUTLET	
00438> A109DV2	0.013	0.25	2.5	5	25	OUTLET	
00439> A109DV3	0.013	0.25	2.5	5	25	OUTLET	
00440> A109DV4	0.013	0.25	2.5	5	25	OUTLET	
00441> A109NE	0.013	0.25	2.5	5	25	OUTLET	
00442> A109R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00443> A109R2	0.013	0.25	2.5	5	25	PERVIOUS	100
00444> A109R3	0.013	0.25	2.5	5	25	PERVIOUS	100
00445> A109R4	0.013	0.25	2.5	5	25	PERVIOUS	100

00446> A109W1	0.013	0.25	2.5	5	25	OUTLET	
00447> A109W2	0.013	0.25	2.5	5	25	OUTLET	
00448> A109WK1	0.013	0.25	2.5	5	25	OUTLET	
00449> A109WK2	0.013	0.25	2.5	5	25	OUTLET	
00450> A109WK3	0.013	0.25	2.5	5	25	OUTLET	
00451> A111NE	0.013	0.25	2.5	5	25	OUTLET	
00452> A112NE	0.013	0.25	2.5	5	25	OUTLET	
00453> A113NE	0.013	0.25	2.5	5	25	OUTLET	
00454> A115NE	0.013	0.25	2.5	5	25	OUTLET	
00455> A115NW	0.013	0.25	2.5	5	25	OUTLET	
00456> A116NE	0.013	0.25	2.5	5	25	OUTLET	
00457> A116NW	0.013	0.25	2.5	5	25	OUTLET	
00458> A117NE	0.013	0.25	2.5	5	25	OUTLET	
00459> A119NE	0.013	0.25	2.5	5	25	OUTLET	
00460> A119R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00461> A120NW	0.013	0.25	2.5	5	25	OUTLET	
00462> A120R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00463> A120R2	0.013	0.25	2.5	5	25	PERVIOUS	100
00464> A200NE	0.013	0.25	2.5	5	25	OUTLET	
00465> A201DV1	0.013	0.25	2.5	5	25	OUTLET	
00466> A201NE	0.013	0.25	2.5	5	25	OUTLET	
00467> A203NE	0.013	0.25	2.5	5	25	OUTLET	
00468> A500R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00469> A500R2	0.013	0.25	2.5	5	25	PERVIOUS	100
00470> A5010HC1	0.013	0.25	2.5	5	25	OUTLET	
00471> A5010HC2	0.013	0.25	2.5	5	25	OUTLET	
00472> A5010R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00473> A501R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00474> A501R2	0.013	0.25	2.5	5	25	PERVIOUS	100
00475> A501R3	0.013	0.25	2.5	5	25	PERVIOUS	100
00476> A502R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00477> A502R2	0.013	0.25	2.5	5	25	PERVIOUS	100
00478> A502R3	0.013	0.25	2.5	5	25	PERVIOUS	100
00479> A503R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00480> A504HC1	0.013	0.25	2.5	5	25	OUTLET	
00481> A505R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00482> A505R2	0.013	0.25	2.5	5	25	OUTLET	
00483> A505R3	0.013	0.25	2.5	5	25	PERVIOUS	100
00484> A506R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00485> A507R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00486> A508R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00487> A508R2	0.013	0.25	2.5	5	25	PERVIOUS	100
00488> A508R3	0.013	0.25	2.5	5	25	PERVIOUS	100
00489> A509R1	0.013	0.25	2.5	5	25	PERVIOUS	100
00490> A509R2	0.013	0.25	2.5	5	25	PERVIOUS	100
00491> A509R3	0.013	0.25	2.5	5	25	PERVIOUS	100
00492> A510WK1	0.013	0.25	2.5	5	25	OUTLET	
00493> A802NE	0.013	0.25	2.5	5	25	OUTLET	
00494> A805NE	0.013	0.25	2.5	5	25	OUTLET	
00495> A805NW	0.013	0.25	2.5	5	25	OUTLET	
00496> A805SE	0.013	0.25	2.5	5	25	OUTLET	
00497> A806NE	0.013	0.25	2.5	5	25	OUTLET	
00498> ABGRD01	0.013	0.25	2.5	5	25	OUTLET	
00499> ABGRD02	0.013	0.25	2.5	5	25	OUTLET	
00500> ACREEK10	0.013	0.25	2.5	5	25	PERVIOUS	100
00501> ACREEK2	0.013	0.25	2.5	5	25	PERVIOUS	100
00502> ACREEK3	0.013	0.25	2.5	5	25	PERVIOUS	100
00503> ACREEK4	0.013	0.25	2.5	5	25	OUTLET	
00504> ACREEK5A	0.013	0.25	2.5	5	25	PERVIOUS	100
00505> ACREEK5B	0.013	0.25	2.5	5	25	PERVIOUS	100
00506> ACREEK6A	0.013	0.25	2.5	5	25	PERVIOUS	100
00507> ACREEK6B	0.013	0.25	2.5	5	25	PERVIOUS	100
00508> ACREEK7A	0.013	0.25	2.5	5	25	PERVIOUS	100
00509> ACREEK7B	0.013	0.25	2.5	5	25	OUTLET	
00510> ACREEK8	0.013	0.25	2.5	5	25	PERVIOUS	100
00511> ACREEK9	0.013	0.25	2.5	5	25	PERVIOUS	100
00512> ACREEKPK1	0.013	0.25	2.5	5	25	OUTLET	
00513> ACREEKPK2	0.013	0.25	2.5	5	25	OUTLET	
00514> ACREEKR1	0.013	0.25	2.5	5	25	PERVIOUS	100
00515> ACREEKR4	0.013	0.25	2.5	5	25	PERVIOUS	100
00516> ANHS-1	0.013	0.25	2.5	5	25	OUTLET	
00517> ANHS-2	0.013	0.25	2.5	5	25	OUTLET	
00518> ANHS-3	0.013	0.25	2.5	5	25	OUTLET	
00519> ANHS-4	0.013	0.25	2.5	5	25	OUTLET	
00520> ANHS-5	0.013	0.25	2.5	5	25	OUTLET	
00521> AOUT00	0.013	0.25	2.5	5	25	OUTLET	
00522> AOUT01	0.013	0.25	2.5	5	25	OUTLET	
00523> AOUT-E1	0.013	0.25	2.5	5	25	PERVIOUS	100
00524> AOUT-E2	0.013	0.25	2.5	5	25	PERVIOUS	100
00525> AOUT-E3	0.013	0.25	2.5	5	25	OUTLET	
00526> AOUT-N1	0.013	0.25	2.5	5	25	PERVIOUS	100
00527> AOUT-N2	0.013	0.25	2.5	5	25	PERVIOUS	100
00528> AOUT-N3	0.013	0.25	2.5	5	25	OUTLET	
00529> AOUTNR1	0.013	0.25	2.5	5	25	PERVIOUS	100
00530> AOUTSR1	0.013	0.25	2.5	5	25	PERVIOUS	100
00531> AOUTSR2	0.013	0.25	2.5	5	25	PERVIOUS	100
00532> AOUT-W1	0.013	0.25	2.5	5	25	OUTLET	
00533> APOND1	0.013	0.25	2.5	5	25	OUTLET	
00534> APONDR1	0.013	0.25	2.5	5	25	PERVIOUS	100

```
00535> APONDR2          0.013      0.25       2.5        5          25         PERVIOUS   100
00536> APONDR3          0.013      0.25       2.5        5          25         PERVIOUS   100
00537> APONDWK1         0.013      0.25       2.5        5          25         OUTLET
00538> APONDWK2         0.013      0.25       2.5        5          25         OUTLET
00539> ATURTLE          0.013      0.25       2.5        10         25         OUTLET
00540>
00541> [INFILTRATION]
00542> ;;Subcatchment   Suction    HydCon     IMDmax
00543> ;;-------------- ---------- ---------- ----------
00544> A001SE           135.81     0.95       0.21
00545> A003DV1          135.81     0.95       0.21
00546> A003DV2          135.81     0.95       0.21
00547> A003NE           135.81     0.95       0.21
00548> A003NW           135.81     0.95       0.21
00549> A006SW           135.81     0.95       0.21
00550> A007R1           135.81     0.95       0.21
00551> A007R2           135.81     0.95       0.21
00552> A007SE           135.81     0.95       0.21
00553> A007SW           135.81     0.95       0.21
00554> A008R1           135.81     0.95       0.21
00555> A010DV1          135.81     0.95       0.21
00556> A011NE           135.81     0.95       0.21
00557> A012NE           135.81     0.95       0.21
00558> A012R1           135.81     0.95       0.21
00559> A012R2           135.81     0.95       0.21
00560> A013NE           135.81     0.95       0.21
00561> A014NE           135.81     0.95       0.21
00562> A014R1           135.81     0.95       0.21
00563> A014R2           135.81     0.95       0.21
00564> A014SW           135.81     0.95       0.21
00565> A016NE           135.81     0.95       0.21
00566> A016R1           135.81     0.95       0.21
00567> A017NE           135.81     0.95       0.21
00568> A019NE           135.81     0.95       0.21
00569> A019R1           135.81     0.95       0.21
00570> A020NE           135.81     0.95       0.21
00571> A021NE           135.81     0.95       0.21
00572> A022NE           135.81     0.95       0.21
00573> A025NE           135.81     0.95       0.21
00574> A026R1           135.81     0.95       0.21
00575> A026R2           135.81     0.95       0.21
00576> A027NE           135.81     0.95       0.21
00577> A027R1           135.81     0.95       0.21
00578> A028NE           135.81     0.95       0.21
00579> A029R1           135.81     0.95       0.21
00580> A030NE           135.81     0.95       0.21
00581> A032NW           135.81     0.95       0.21
00582> A032R1           135.81     0.95       0.21
00583> A032R2           135.81     0.95       0.21
00584> A032R3           135.81     0.95       0.21
00585> A032SC1          135.81     0.95       0.21
00586> A032SW           135.81     0.95       0.21
00587> A034R1           135.81     0.95       0.21
00588> A034R2           135.81     0.95       0.21
00589> A034SC1          135.81     0.95       0.21
00590> A034SE           135.81     0.95       0.21
00591> A035R1           135.81     0.95       0.21
00592> A035R2           135.81     0.95       0.21
00593> A036R1           135.81     0.95       0.21
00594> A036R2           135.81     0.95       0.21
00595> A036SE           135.81     0.95       0.21
00596> A037NE           135.81     0.95       0.21
00597> A040NE           135.81     0.95       0.21
00598> A040SE           135.81     0.95       0.21
00599> A043NE           135.81     0.95       0.21
00600> A043SE           135.81     0.95       0.21
00601> A044NE           135.81     0.95       0.21
00602> A045NE           135.81     0.95       0.21
00603> A048NE           135.81     0.95       0.21
00604> A048SE           135.81     0.95       0.21
00605> A049NW           135.81     0.95       0.21
00606> A049R1           135.81     0.95       0.21
00607> A051SE           135.81     0.95       0.21
00608> A052DV1          135.81     0.95       0.21
00609> A052NE           135.81     0.95       0.21
00610> A055NE           135.81     0.95       0.21
00611> A055SW           135.81     0.95       0.21
00612> A056NE           135.81     0.95       0.21
00613> A058NW           135.81     0.95       0.21
00614> A058PK1          135.81     0.95       0.21
00615> A058R1           135.81     0.95       0.21
00616> A058R2           135.81     0.95       0.21
00617> A058R3           135.81     0.95       0.21
00618> A059NE           135.81     0.95       0.21
00619> A059PK1          135.81     0.95       0.21
00620> A059R1           135.81     0.95       0.21
00621> A059R2           135.81     0.95       0.21
00622> A060NE           135.81     0.95       0.21
00623> A060R1           135.81     0.95       0.21
```

00624> A061R1	135.81	0.95	0.21
00625> A061R2	135.81	0.95	0.21
00626> A062NE	135.81	0.95	0.21
00627> A062NW	135.81	0.95	0.21
00628> A062R1	135.81	0.95	0.21
00629> A062SE	135.81	0.95	0.21
00630> A063SW	135.81	0.95	0.21
00631> A067NE	135.81	0.95	0.21
00632> A069R1	135.81	0.95	0.21
00633> A069R2	135.81	0.95	0.21
00634> A069R3	135.81	0.95	0.21
00635> A072NE	135.81	0.95	0.21
00636> A073NE	135.81	0.95	0.21
00637> A075NW	135.81	0.95	0.21
00638> A075R1	135.81	0.95	0.21
00639> A075R2	135.81	0.95	0.21
00640> A075SW	135.81	0.95	0.21
00641> A077NE	135.81	0.95	0.21
00642> A077R1	135.81	0.95	0.21
00643> A077R2	135.81	0.95	0.21
00644> A078NE	135.81	0.95	0.21
00645> A079DV1	135.81	0.95	0.21
00646> A079NE	135.81	0.95	0.21
00647> A080NE	135.81	0.95	0.21
00648> A082NW	135.81	0.95	0.21
00649> A082R1	135.81	0.95	0.21
00650> A082R2	135.81	0.95	0.21
00651> A083R1	135.81	0.95	0.21
00652> A084NW	135.81	0.95	0.21
00653> A084R1	135.81	0.95	0.21
00654> A084R2	135.81	0.95	0.21
00655> A085NE	135.81	0.95	0.21
00656> A085R1	135.81	0.95	0.21
00657> A087NE	135.81	0.95	0.21
00658> A088NE	135.81	0.95	0.21
00659> A090NE	135.81	0.95	0.21
00660> A090NW	135.81	0.95	0.21
00661> A090W	135.81	0.95	0.21
00662> A091NE	135.81	0.95	0.21
00663> A092R1	135.81	0.95	0.21
00664> A092R2	135.81	0.95	0.21
00665> A093NE	135.81	0.95	0.21
00666> A093NW	135.81	0.95	0.21
00667> A093R1	135.81	0.95	0.21
00668> A093R2	135.81	0.95	0.21
00669> A093R3	135.81	0.95	0.21
00670> A094N1	135.81	0.95	0.21
00671> A094NE	135.81	0.95	0.21
00672> A094SE	135.81	0.95	0.21
00673> A097NE	135.81	0.95	0.21
00674> A105NE	135.81	0.95	0.21
00675> A105SE	135.81	0.95	0.21
00676> A106NE	135.81	0.95	0.21
00677> A109DV1	135.81	0.95	0.21
00678> A109DV2	135.81	0.95	0.21
00679> A109DV3	135.81	0.95	0.21
00680> A109DV4	135.81	0.95	0.21
00681> A109NE	135.81	0.95	0.21
00682> A109R1	135.81	0.95	0.21
00683> A109R2	135.81	0.95	0.21
00684> A109R3	135.81	0.95	0.21
00685> A109R4	135.81	0.95	0.21
00686> A109W1	135.81	0.95	0.21
00687> A109W2	135.81	0.95	0.21
00688> A109WK1	135.81	0.95	0.21
00689> A109WK2	135.81	0.95	0.21
00690> A109WK3	135.81	0.95	0.21
00691> A111NE	135.81	0.95	0.21
00692> A112NE	135.81	0.95	0.21
00693> A113NE	135.81	0.95	0.21
00694> A115NE	135.81	0.95	0.21
00695> A115NW	135.81	0.95	0.21
00696> A116NE	135.81	0.95	0.21
00697> A116NW	135.81	0.95	0.21
00698> A117NE	135.81	0.95	0.21
00699> A119NE	135.81	0.95	0.21
00700> A119R1	135.81	0.95	0.21
00701> A120NW	135.81	0.95	0.21
00702> A120R1	135.81	0.95	0.21
00703> A120R2	135.81	0.95	0.21
00704> A200NE	118.39	1	0.21
00705> A201DV1	118.39	1	0.21
00706> A201NE	118.39	1	0.21
00707> A203NE	118.39	1	0.21
00708> A500R1	135.81	0.95	0.21
00709> A500R2	135.81	0.95	0.21
00710> A5010HC1	135.81	0.95	0.21
00711> A5010HC2	135.81	0.95	0.21
00712> A5010R1	135.81	0.95	0.21

```
00713> A501R1           135.81     0.95       0.21
00714> A501R2           135.81     0.95       0.21
00715> A501R3           135.81     0.95       0.21
00716> A502R1           135.81     0.95       0.21
00717> A502R2           135.81     0.95       0.21
00718> A502R3           135.81     0.95       0.21
00719> A503R1           135.81     0.95       0.21
00720> A504HC1          135.81     0.95       0.21
00721> A505R1           135.81     0.95       0.21
00722> A505R2           118.39     1          0.21
00723> A505R3           135.81     0.95       0.21
00724> A506R1           135.81     0.95       0.21
00725> A507R1           135.81     0.95       0.21
00726> A508R1           135.81     0.95       0.21
00727> A508R2           135.81     0.95       0.21
00728> A508R3           135.81     0.95       0.21
00729> A509R1           135.81     0.95       0.21
00730> A509R2           135.81     0.95       0.21
00731> A509R3           135.81     0.95       0.21
00732> A510WK1          135.81     0.95       0.21
00733> A802NE           118.39     1          0.21
00734> A805NE           118.39     1          0.21
00735> A805NW           118.39     1          0.21
00736> A805SE           118.39     1          0.21
00737> A806NE           118.39     1          0.21
00738> ABGRD01          135.81     0.95       0.21
00739> ABGRD02          135.81     0.95       0.21
00740> ACREEK10         135.81     0.95       0.21
00741> ACREEK2          135.81     0.95       0.21
00742> ACREEK3          135.81     0.95       0.21
00743> ACREEK4          135.81     0.95       0.21
00744> ACREEK5A         135.81     0.95       0.21
00745> ACREEK5B         135.81     0.95       0.21
00746> ACREEK6A         135.81     0.95       0.21
00747> ACREEK6B         135.81     0.95       0.21
00748> ACREEK7A         135.81     0.95       0.21
00749> ACREEK7B         135.81     0.95       0.21
00750> ACREEK8          135.81     0.95       0.21
00751> ACREEK9          135.81     0.95       0.21
00752> ACREEKPK1        135.81     0.95       0.21
00753> ACREEKPK2        135.81     0.95       0.21
00754> ACREEKR1         118.39     1          0.21
00755> ACREEKR4         135.81     0.95       0.21
00756> ANHS-1           118.39     1          0.21
00757> ANHS-2           118.39     1          0.21
00758> ANHS-3           118.39     1          0.21
00759> ANHS-4           118.39     1          0.21
00760> ANHS-5           118.39     1          0.21
00761> AOUT00           135.81     0.95       0.21
00762> AOUT01           135.81     0.95       0.21
00763> AOUT-E1          118.39     1          0.21
00764> AOUT-E2          118.39     1          0.21
00765> AOUT-E3          118.39     1          0.21
00766> AOUT-N1          135.81     0.95       0.21
00767> AOUT-N2          118.39     1          0.21
00768> AOUT-N3          135.81     0.95       0.21
00769> AOUTNR1          135.81     0.95       0.21
00770> AOUTSR1          135.81     0.95       0.21
00771> AOUTSR2          135.81     0.95       0.21
00772> AOUT-W1          118.39     1          0.21
00773> APOND1           135.81     0.95       0.21
00774> APONDR1          135.81     0.95       0.21
00775> APONDR2          135.81     0.95       0.21
00776> APONDR3          135.81     0.95       0.21
00777> APONDWK1         135.81     0.95       0.21
00778> APONDWK2         135.81     0.95       0.21
00779> ATURTLE          50         1.2        0.2
00780>
00781> [JUNCTIONS]
00782> ;;               Invert     Max.       Init.      Surcharge  Ponded
00783> ;;Name           Elev.      Depth      Depth      Depth      Area
00784> ;;-------------- ---------- ---------- ---------- ---------- ----------
00785> A010DV1-Onsite   128.266    0.75       0          0          1
00786> A032SC1-Onsite   125.852    0.75       0          0          1
00787> A034SC1-onsite   126.544    0.75       0          0          1
00788> A052DV1-Onsite   128.454    0.75       0          0          1
00789> A059PK1-Onsite   128.122    0.75       0          0          1
00790> A079DV1-Onsite   126.28     0.75       0          0          1
00791> A201DV1-Onsite   130.364    0.75       0          0          1
00792> ACREEKPK-DrainOut 125.55    0          0          0          0
00793> B-Road_Spill     128.84     1          0          0          0
00794> B-Road_Spill2    127.09     1          0          0          0
00795> Enclave_Out      124        11         0          0          0
00796> ;22m
00797> J1               128.396    0.3        0          0          0
00798> LID1             124.48     0.5        0          0          0
00799> LID10            123.87     0.5        0          0          0
00800> LID100           124.25     0.5        0          0          0
00801> LID101           124.29     0.5        0          0          0
```

```
00802> LID102           124.32     0.5        0          0          0
00803> LID103           124.35     0.5        0          0          0
00804> LID104           123.5      0.5        0          0          0
00805> LID105           122.83     0.5        0          0          0
00806> LID106           121.49     0.5        0          0          0
00807> LID107           121.57     0          0          0          0
00808> LID108           122.59     0.5        0          0          0
00809> LID109           125.2      0.5        0          0          0
00810> LID11            124.52     0.5        0          0          0
00811> LID110           125.23     0.5        0          0          0
00812> LID111           126.02     0.5        0          0          0
00813> LID112           125.5      0.5        0          0          0
00814> LID114           125.09     0.5        0          0          0
00815> LID12            125.3      0.5        0          0          0
00816> LID13            126.22     0.5        0          0          0
00817> LID14            125.94     0.5        0          0          0
00818> LID16            124.67     0.5        0          0          0
00819> LID17            124.52     0.5        0          0          0
00820> LID18            124.24     0.5        0          0          0
00821> LID19            124.08     0.5        0          0          0
00822> LID2             123.84     0.5        0          0          0
00823> LID20            126.32     0.5        0          0          0
00824> LID21            126.57     0.5        0          0          0
00825> LID22            126.5      0.5        0          0          0
00826> LID23            126.08     0.5        0          0          0
00827> LID24            126.11     0.5        0          0          0
00828> LID25            126.25     0.5        0          0          0
00829> LID26            126.18     0.5        0          0          0
00830> LID27            126.07     0.5        0          0          0
00831> LID28            125.88     0.5        0          0          0
00832> LID29            125.83     0.5        0          0          0
00833> LID3             122.55     0.5        0          0          0
00834> LID30            125.77     0.5        0          0          0
00835> LID31            126.13     0.5        0          0          0
00836> LID32            122.89     0.5        0          0          0
00837> LID33            123.08     0.5        0          0          0
00838> LID34            122.72     0.5        0          0          0
00839> LID35            123        0.5        0          0          0
00840> LID36            122.8      0.5        0          0          0
00841> LID38            124.41     0.5        0          0          0
00842> LID39            124.38     0.5        0          0          0
00843> LID4             121.71     0.5        0          0          0
00844> LID41            126.23     0.5        0          0          0
00845> LID42            129.28     0.5        0          0          0
00846> LID43            122.2      0.5        0          0          0
00847> LID44            125.29     0.5        0          0          0
00848> LID47            130.37     0.5        0          0          0
00849> LID48            129.6      0.5        0          0          0
00850> LID49            129.47     0.5        0          0          0
00851> LID5             121.92     0.5        0          0          0
00852> LID50            129.38     0.5        0          0          0
00853> LID52            127.79     0.5        0          0          0
00854> LID53            126.9      0.5        0          0          0
00855> LID54            128.29     0.5        0          0          0
00856> LID55            129.22     0.5        0          0          0
00857> LID56            128.42     0.5        0          0          0
00858> LID57            127.92     0.5        0          0          0
00859> LID58            127.03     0.5        0          0          0
00860> LID59            126.65     0.5        0          0          0
00861> LID60            126.5      0.5        0          0          0
00862> LID61            129.39     0.5        0          0          0
00863> LID62            125.13     0.5        0          0          0
00864> LID64            125.67     0.5        0          0          0
00865> LID66            124.98     0.5        0          0          0
00866> LID67            125.15     0.5        0          0          0
00867> LID7             122.76     0.5        0          0          0
00868> LID70            126.58     0.5        0          0          0
00869> LID73            125.3      0.75       0          0          0
00870> LID77            123.96     0.5        0          0          0
00871> LID78            123.85     0.5        0          0          0
00872> LID79            123.78     0.5        0          0          0
00873> LID8             123.68     0.5        0          0          0
00874> LID80            123.71     0.5        0          0          0
00875> LID81            123.97     0.5        0          0          0
00876> LID82            123.91     0.5        0          0          0
00877> LID84            124.01     0.5        0          0          0
00878> LID85            125.86     0.5        0          0          0
00879> LID88            122.26     0.5        0          0          0
00880> LID89            121.81     0.5        0          0          0
00881> LID9             123.77     0.5        0          0          0
00882> LID90            123.47     0.5        0          0          0
00883> LID93            125.75     0.5        0          0          0
00884> LID95            126.27     0.5        0          0          0
00885> LID96            125.37     0.75       0          0          0
00886> LID97            124.47     0.5        0          0          0
00887> LID99            124.44     0.5        0          0          0
00888> ;17m
00889> Maj-0            123.802    1          0          0          0
00890> ;20m
```

```
00891> Maj-1          123.902    0.3        0          0          0
00892> ;24m
00893> Maj-10         124.566    0.3        0          0          0
00894> ;17m
00895> Maj-100        125.698    0.3        0          0          0
00896> ;17m
00897> Maj-101        125.752    0.3        0          0          0
00898> ;19m
00899> Maj-102        125.787    0.3        0          0          0
00900> ;19m
00901> Maj-103        125.791    0.3        0          0          0
00902> ;19m
00903> Maj-104        125.814    0.3        0          0          0
00904> ;17m
00905> Maj-105        125.814    0.3        0          0          0
00906> ;19m
00907> Maj-106        125.87     0.3        0          0          0
00908> ;17m
00909> Maj-107        125.848    0.3        0          0          0
00910> ;17m
00911> Maj-108        125.852    0.3        0          0          0
00912> ;17m
00913> Maj-109        125.852    0.3        0          0          0
00914> ;24m
00915> Maj-11         124.657    0.3        0          0          0
00916> ;17m
00917> Maj-110        125.856    0.3        0          0          0
00918> ;17m
00919> Maj-111        125.876    0.3        0          0          0
00920> ;19m
00921> Maj-112        125.934    0.3        0          0          0
00922> ;17m
00923> Maj-113        125.914    0.3        0          0          0
00924> ;17m
00925> Maj-114        125.92     0.3        0          0          0
00926> ;17m
00927> Maj-115        125.952    0.3        0          0          0
00928> ;17m
00929> Maj-116        125.968    0.3        0          0          0
00930> ;17m
00931> Maj-117        125.978    0.3        0          0          0
00932> ;17m
00933> Maj-118        125.998    0.3        0          0          0
00934> ;16m
00935> Maj-119        126.012    0.3        0          0          0
00936> ;24m
00937> Maj-12         124.706    0.3        0          0          0
00938> ;17m
00939> Maj-120        126.038    0.3        0          0          0
00940> ;19m
00941> Maj-121        126.08     0.3        0          0          0
00942> ;17m
00943> Maj-122        126.048    0.3        0          0          0
00944> ;17m
00945> Maj-123        126.104    0.3        0          0          0
00946> ;17m
00947> Maj-124        126.106    0.3        0          0          0
00948> ;17m
00949> Maj-125        126.12     0.3        0          0          0
00950> ;16m
00951> Maj-126        126.146    0.3        0          0          0
00952> ;19m
00953> Maj-127        126.173    0.3        0          0          0
00954> ;17m
00955> Maj-128        126.152    0.3        0          0          0
00956> ;19m
00957> Maj-129        126.209    0.3        0          0          0
00958> ;17m
00959> Maj-13         124.694    0.3        0          0          0
00960> ;17m
00961> Maj-130        126.18     0.3        0          0          0
00962> ;17m
00963> Maj-131        126.208    0.3        0          0          0
00964> ;17m
00965> Maj-132        126.222    0.3        0          0          0
00966> ;16m
00967> Maj-133        126.246    0.3        0          0          0
00968> ;17m
00969> Maj-134        126.266    0.3        0          0          0
00970> ;17m
00971> Maj-135        126.266    0.3        0          0          0
00972> ;17m
00973> Maj-136        126.266    0.3        0          0          0
00974> ;19m
00975> Maj-137        126.309    0.3        0          0          0
00976> ;16m
00977> Maj-138        126.346    0.3        0          0          0
00978> ;17m
00979> Maj-139        126.334    0.3        0          0          0
```

```
00980> ;19m
00981> Maj-14          124.743    0.3        0          0          0
00982> ;19m
00983> Maj-140         126.387    0.3        0          0          0
00984> ;17m
00985> Maj-141         126.372    0.3        0          0          0
00986> ;19m
00987> Maj-142         126.409    0.3        0          0          0
00988> ;17m
00989> Maj-143         126.378    0.3        0          0          0
00990> ;17m
00991> Maj-144         126.382    0.3        0          0          0
00992> ;16m
00993> Maj-145         126.446    0.3        0          0          0
00994> ;17m
00995> Maj-146         126.43     0.3        0          0          0
00996> ;17m
00997> Maj-147         126.448    0.3        0          0          0
00998> ;17m
00999> Maj-148         126.456    0.3        0          0          0
01000> ;17m
01001> Maj-149         126.466    0.3        0          0          0
01002> ;24m
01003> Maj-15          124.747    0.3        0          0          0
01004> ;17m
01005> Maj-150         126.468    0.3        0          0          0
01006> ;17m
01007> Maj-151         126.486    0.3        0          0          0
01008> ;19m
01009> Maj-152         126.53     0.3        0          0          0
01010> ;17m
01011> Maj-153         126.54     0.3        0          0          0
01012> ;16m
01013> Maj-154         126.58     0.3        0          0          0
01014> ;17m
01015> Maj-155         126.582    0.3        0          0          0
01016> ;17m
01017> Maj-156         126.59     0.3        0          0          0
01018> ;17m
01019> Maj-157         126.592    0.3        0          0          0
01020> ;19m
01021> Maj-158         126.642    0.3        0          0          0
01022> ;17m
01023> Maj-159         126.626    0.3        0          0          0
01024> ;24m
01025> Maj-16          124.806    0.3        0          0          0
01026> ;17m
01027> Maj-160         126.65     0.3        0          0          0
01028> ;17m
01029> Maj-161         126.686    0.3        0          0          0
01030> ;17m
01031> Maj-162         126.698    0.3        0          0          0
01032> ;19m
01033> Maj-163         126.744    0.3        0          0          0
01034> ;19m
01035> Maj-164         126.785    0.3        0          0          0
01036> ;17m
01037> Maj-165         126.758    0.3        0          0          0
01038> ;17m
01039> Maj-166         126.786    0.3        0          0          0
01040> ;17m
01041> Maj-167         126.79     0.3        0          0          0
01042> ;17m
01043> Maj-167_1       126.6      0.3        0          0          0
01044> ;17m
01045> Maj-168         126.816    0.3        0          0          0
01046> ;17m
01047> Maj-169         126.824    0.3        0          0          0
01048> ;24m
01049> Maj-17          124.812    0.3        0          0          0
01050> ;17m
01051> Maj-170         126.838    0.3        0          0          0
01052> ;17m
01053> Maj-171         126.844    0.3        0          0          0
01054> ;17m
01055> Maj-172         126.922    0.3        0          0          0
01056> ;19m
01057> Maj-173         126.955    0.3        0          0          0
01058> ;17m
01059> Maj-174         126.924    0.3        0          0          0
01060> ;17m
01061> Maj-174_1       126.81     0.3        0          0          0
01062> ;22m
01063> Maj-175         126.954    0.3        0          0          0
01064> ;17m
01065> Maj-176         126.968    0.3        0          0          0
01066> ;17m
01067> Maj-177         126.978    0.3        0          0          0
01068> ;17m
```

```
01069> Maj-178          126.98     0.3        0          0          0
01070> ;17m
01071> Maj-179          127.022    0.3        0          0          0
01072> ;17m
01073> Maj-18           124.8      0.3        0          0          0
01074> ;17m
01075> Maj-180          127.042    0.3        0          0          0
01076> ;17m
01077> Maj-181          127.084    0.3        0          0          0
01078> ;17m
01079> Maj-182          127.092    0.3        0          0          0
01080> ;17m
01081> Maj-183          127.116    0.3        0          0          0
01082> ;17m
01083> Maj-184          127.122    0.3        0          0          0
01084> ;17m
01085> Maj-185          127.142    0.3        0          0          0
01086> ;17m
01087> Maj-186          127.168    0.3        0          0          0
01088> ;22m
01089> Maj-187          127.194    0.3        0          0          0
01090> ;17m
01091> Maj-188          127.192    0.3        0          0          0
01092> ;17m
01093> Maj-189          127.202    0.3        0          0          0
01094> ;17m
01095> Maj-19           124.808    0.3        0          0          0
01096> ;17m
01097> Maj-190          127.222    0.3        0          0          0
01098> ;17m
01099> Maj-191          127.23     0.3        0          0          0
01100> ;19m
01101> Maj-192          127.262    0.3        0          0          0
01102> ;17m
01103> Maj-193          127.282    0.3        0          0          0
01104> ;17m
01105> Maj-194          127.31     0.3        0          0          0
01106> ;16m
01107> Maj-195          127.356    0.5        0          0          0
01108> ;17m
01109> Maj-196          127.342    0.3        0          0          0
01110> ;16m
01111> Maj-197          127.404    0.3        0          0          0
01112> ;17m
01113> Maj-198          127.39     0.5        0          0          0
01114> ;17m
01115> Maj-199          127.4      0.3        0          0          0
01116> ;20m
01117> Maj-2            124.008    0.3        0          0          0
01118> ;17m
01119> Maj-20           124.812    0.3        0          0          0
01120> ;17m
01121> Maj-200          127.422    0.3        0          0          0
01122> ;17m
01123> Maj-201          127.532    0.3        0          0          0
01124> ;17m
01125> Maj-201_1        127.302    0.3        0          0          0
01126> ;17m
01127> Maj-202          127.584    0.3        0          0          0
01128> ;16m
01129> Maj-203          127.626    0.3        0          0          0
01130> ;22m
01131> Maj-204          127.695    0.3        0          0          0
01132> ;17m
01133> Maj-205          127.742    0.3        0          0          0
01134> ;17m
01135> Maj-206          127.788    0.3        0          0          0
01136> ;17m
01137> Maj-206_1        127.992    0.3        0          0          0
01138> ;16m
01139> Maj-207          127.82     0.3        0          0          0
01140> ;19m
01141> Maj-208          127.921    0.3        0          0          0
01142> ;17m
01143> Maj-209          127.98     0.3        0          0          0
01144> ;24m
01145> Maj-21           124.853    0.3        0          0          0
01146> ;16m
01147> Maj-210          128.104    0.3        0          0          0
01148> ;16m
01149> Maj-211          128.14     0.3        0          0          0
01150> ;17m
01151> Maj-212          128.142    0.3        0          0          0
01152> ;17m
01153> Maj-213          128.164    0.3        0          0          0
01154> ;17m
01155> Maj-214          128.17     0.3        0          0          0
01156> ;17m
01157> Maj-216          128.266    0.3        0          0          0
```

```
01158> ;17m
01159> Maj-217          128.268    0.3        0          0          0
01160> ;16m
01161> Maj-218          128.306    0.3        0          0          0
01162> ;19m
01163> Maj-219          128.343    0.3        0          0          0
01164> ;24m
01165> Maj-22           124.858    0.3        0          0          0
01166> ;22m
01167> Maj-220          128.397    0.3        0          0          0
01168> ;17m
01169> Maj-221          128.422    0.3        0          0          0
01170> ;17m
01171> Maj-222          128.44     0.3        0          0          0
01172> ;22m
01173> Maj-223          128.479    0.3        0          0          0
01174> ;17m
01175> Maj-224          128.532    0.3        0          0          0
01176> ;17m
01177> Maj-225          128.554    0.3        0          0          0
01178> ;16m
01179> Maj-226          128.685    0.3        0          0          0
01180> ;17m
01181> Maj-227          128.73     0.3        0          0          0
01182> ;17m
01183> Maj-228          128.754    0.3        0          0          0
01184> ;22m
01185> Maj-229          128.76     0.3        0          0          0
01186> ;17m
01187> Maj-23           124.872    0.3        0          0          0
01188> ;16m
01189> Maj-230          128.828    0.3        0          0          0
01190> ;17m
01191> Maj-231          128.904    0.3        0          0          0
01192> ;17m
01193> Maj-233          129.036    0.3        0          0          0
01194> ;17m
01195> Maj-234          129.1      0.3        0          0          0
01196> ;17m
01197> Maj-235          129.113    0.3        0          0          0
01198> ;17m
01199> Maj-236          129.2      0.3        0          0          0
01200> ;22m
01201> Maj-237          129.242    0.3        0          0          0
01202> ;17m
01203> Maj-238          129.264    0.3        0          0          0
01204> ;17m
01205> Maj-239          129.316    0.3        0          0          0
01206> ;19m
01207> Maj-24           124.907    0.3        0          0          0
01208> ;17m
01209> Maj-240          129.318    0.3        0          0          0
01210> ;17m
01211> Maj-241          129.387    0.3        0          0          0
01212> ;22m
01213> Maj-242          129.452    0.3        0          0          0
01214> ;17m
01215> Maj-243          129.472    0.3        0          0          0
01216> ;17m
01217> Maj-244          129.48     0.3        0          0          0
01218> ;17m
01219> Maj-245          129.536    0.3        0          0          0
01220> ;17m
01221> Maj-246          129.544    0.3        0          0          0
01222> ;17m
01223> Maj-247          129.6      0.3        0          0          0
01224> ;17m
01225> Maj-248          129.764    0.3        0          0          0
01226> ;17m
01227> Maj-249          130.01     0.3        0          0          0
01228> ;19m
01229> Maj-25           124.943    0.3        0          0          0
01230> ;17m
01231> Maj-250          130.014    0.3        0          0          0
01232> ;17m
01233> Maj-251          130.086    0.3        0          0          0
01234> ;17m
01235> Maj-252          130.1      0.3        0          0          0
01236> ;17m
01237> Maj-253          130.258    0.299      0          0          0
01238> ;11m
01239> Maj-255          130.252    0.3        0          0          0
01240> ;17m
01241> Maj-256          130.191    0.3        0          0          0
01242> ;11m
01243> Maj-257          130.291    0.3        0          0          0
01244> ;11m
01245> Maj-258          130.314    0.3        0          0          0
01246> ;17m
```

```
01247> Maj-259          130.315    0.3        0          0          0
01248> ;17m
01249> Maj-26           124.922    0.3        0          0          0
01250> ;17m
01251> Maj-260          130.327    0.3        0          0          0
01252> ;17m
01253> Maj-261          130.338    0.3        0          0          0
01254> ;17m
01255> Maj-262          130.344    0.3        0          0          0
01256> ;17m
01257> Maj-263          130.352    0.3        0          0          0
01258> ;11m
01259> Maj-264          130.437    0.3        0          0          0
01260> ;17m
01261> Maj-266          130.671    0.201      0          0          1
01262> ;17m
01263> Maj-267          130.381    0.3        0          0          0
01264> ;17m
01265> Maj-268          130.432    0.3        0          0          0
01266> ;17m
01267> Maj-269          130.571    0.3        0          0          0
01268> ;24m
01269> Maj-27           124.98     0.3        0          0          0
01270> ;17m
01271> Maj-270          130.664    0.3        0          0          0
01272> ;17m
01273> Maj-271          130.478    0.3        0          0          0
01274> ;17m
01275> Maj-272          130.643    0.3        0          0          0
01276> ;17m
01277> Maj-273          130.564    0.3        0          0          0
01278> ;17m
01279> Maj-274          130.743    0.3        0          0          0
01280> ;17m
01281> Maj-275          130.822    0.3        0          0          0
01282> ;16m
01283> Maj-276          128.506    0.3        0          0          0
01284> ;24m
01285> Maj-277          124.305    0.3        0          0          0
01286> ;17m
01287> Maj-278          130.202    0.3        0          0          0
01288> ;17m
01289> Maj-279          128.544    0.3        0          0          0
01290> ;24m
01291> Maj-28           124.988    0.3        0          0          0
01292> ;19m
01293> Maj-29           125.006    0.3        0          0          0
01294> ;20m
01295> Maj-3            124.11     0.3        0          0          0
01296> ;19m
01297> Maj-30           125.012    0.3        0          0          0
01298> Maj-301          130.51     0.3        0          0          0
01299> Maj-302          129.479    0.3        0          0          0
01300> Maj-303          130.127    0.3        0          0          0
01301> Maj-304          129.727    0.3        0          0          0
01302> Maj-305          129.588    0.3        0          0          0
01303> Maj-306          130.636    0.3        0          0          0
01304> Maj-307          130.576    0.3        0          0          0
01305> Maj-308          130.453    0.3        0          0          0
01306> Maj-309          129.77     0.3        0          0          0
01307> ;17m
01308> Maj-31           124.986    0.3        0          0          0
01309> Maj-310          129.964    0.3        0          0          0
01310> Maj-311          130.288    0.3        0          0          0
01311> Maj-312          129.889    0.3        0          0          0
01312> Maj-313          129.866    0.3        0          0          0
01313> Maj-314          130.088    0.3        0          0          0
01314> ;17m
01315> Maj-32           125.002    0.3        0          0          0
01316> ;24m
01317> Maj-33           125.053    0.3        0          0          0
01318> ;24m
01319> Maj-34           125.055    0.3        0          0          0
01320> ;17m
01321> Maj-35           125.024    0.3        0          0          0
01322> ;17m
01323> Maj-36           125.024    0.3        0          0          0
01324> ;19m
01325> Maj-37           125.078    0.3        0          0          0
01326> ;17m
01327> Maj-38           125.048    0.3        0          0          0
01328> ;17m
01329> Maj-39           125.074    0.3        0          0          0
01330> ;20m
01331> Maj-4            124.224    0.3        0          0          0
01332> ;19m
01333> Maj-40           125.106    0.3        0          0          0
01334> ;17m
01335> Maj-41           125.084    0.3        0          0          0
```

```
01336> ;17m
01337> Maj-42          125.086    0.3        0          0          0
01338> ;17m
01339> Maj-43          125.214    0.186      0          0          0
01340> ;19m
01341> Maj-44          125.143    0.3        0          0          0
01342> ;17m
01343> Maj-45          125.14     0.3        0          0          0
01344> ;19m
01345> Maj-46          125.206    0.3        0          0          0
01346> ;17m
01347> Maj-47          125.186    0.3        0          0          0
01348> ;17m
01349> Maj-48          125.196    0.3        0          0          0
01350> ;17m
01351> Maj-49          125.116    0.38       0          0          0
01352> ;17m
01353> Maj-5           124.234    0.3        0          0          0
01354> ;17m
01355> Maj-50          125.196    0.5        0          0          0
01356> ;17m
01357> Maj-51          125.202    0.3        0          0          0
01358> ;17m
01359> Maj-52          125.208    0.3        0          0          0
01360> ;24m
01361> Maj-53          125.254    0.3        0          0          0
01362> ;17m
01363> Maj-54          125.228    0.3        0          0          0
01364> ;19m
01365> Maj-55          125.263    0.3        0          0          0
01366> ;19m
01367> Maj-56          125.268    0.3        0          0          0
01368> ;17m
01369> Maj-57          125.24     0.3        0          0          0
01370> ;19m
01371> Maj-58          125.306    0.3        0          0          0
01372> ;16m
01373> Maj-59          125.292    0.3        0          0          0
01374> ;24m
01375> Maj-6           124.405    0.3        0          0          0
01376> ;17m
01377> Maj-60          125.286    0.3        0          0          0
01378> ;17m
01379> Maj-61          125.292    0.3        0          0          0
01380> ;17m
01381> Maj-62          125.296    0.3        0          0          0
01382> ;17m
01383> Maj-63          125.306    0.3        0          0          0
01384> ;17m
01385> Maj-64          125.334    0.3        0          0          0
01386> ;17m
01387> Maj-65          125.34     0.3        0          0          0
01388> ;24m
01389> Maj-66          125.373    0.3        0          0          0
01390> ;17m
01391> Maj-67          125.342    0.3        0          0          0
01392> ;17m
01393> Maj-68          125.344    0.3        0          0          0
01394> ;17m
01395> Maj-69          125.352    0.3        0          0          0
01396> ;24m
01397> Maj-7           124.444    0.3        0          0          0
01398> ;19m
01399> Maj-70          125.385    0.3        0          0          0
01400> ;17m
01401> Maj-71          125.386    0.3        0          0          0
01402> ;19m
01403> Maj-72          125.435    0.3        0          0          0
01404> ;17m
01405> Maj-73          125.406    0.3        0          0          0
01406> ;17m
01407> Maj-74          125.43     0.3        0          0          0
01408> ;17m
01409> Maj-75          125.432    0.3        0          0          0
01410> ;17m
01411> Maj-76          125.438    0.3        0          0          0
01412> ;17m
01413> Maj-77          125.444    0.3        0          0          0
01414> ;17m
01415> Maj-78          125.444    0.3        0          0          0
01416> ;17m
01417> Maj-79          125.458    0.3        0          0          0
01418> ;19m
01419> Maj-8           124.506    0.3        0          0          0
01420> ;19m
01421> Maj-80          125.495    0.3        0          0          0
01422> ;17m
01423> Maj-81          125.466    0.3        0          0          0
01424> ;17m
```

```
01425> Maj-82           125.506    0.3        0          0          0
01426> ;17m
01427> Maj-83           125.506    0.3        0          0          0
01428> ;17m
01429> Maj-84           125.508    0.5        0          0          0
01430> ;17m
01431> Maj-85           125.528    0.3        0          0          0
01432> ;17m
01433> Maj-86           125.544    0.3        0          0          0
01434> ;19m
01435> Maj-87           125.591    0.3        0          0          0
01436> ;19m
01437> Maj-88           125.605    0.3        0          0          0
01438> ;16m
01439> Maj-89           125.59     0.3        0          0          0
01440> ;24m
01441> Maj-9            124.542    0.3        0          0          0
01442> ;17m
01443> Maj-90           125.59     0.3        0          0          0
01444> ;17m
01445> Maj-91           125.606    0.3        0          0          0
01446> ;19m
01447> Maj-92           125.642    0.3        0          0          0
01448> ;19m
01449> Maj-93           125.646    0.3        0          0          0
01450> ;17m
01451> Maj-94           125.652    0.3        0          0          0
01452> ;17m
01453> Maj-95           125.668    0.3        0          0          0
01454> ;17m
01455> Maj-96           125.67     0.3        0          0          0
01456> ;17m
01457> Maj-97           125.674    0.3        0          0          0
01458> ;19m
01459> Maj-98           125.714    0.3        0          0          0
01460> ;17m
01461> Maj-99           125.702    0.5        0          0          0
01462> ;Cut Kerb
01463> Major_Pond_East  124.76     0          0          0          0
01464> ;Cut Kerb
01465> Major_Pond_South 124.95     0          0          0          0
01466> ;Cut Kerb
01467> Major_Pond_West  124.92     0          0          0          0
01468> Major_to_14Mile  121.47     2          0          0          0
01469> MH_1_1           125.89     2.568      0          0          0
01470> MH_105_1         122.004    2.504      0          0          1
01471> MH_26_1          122.829    2.4        0          0          0
01472> MH_59_1          124.772    2.828      0          0          0
01473> MH_61_1          123.11     3.849      0          0          0
01474> MH_62_1          122.499    5.106      0          0          0
01475> MH_69_1          122.778    2.344      0          0          0
01476> MH_75_1          124.389    2.879      0          0          1
01477> MH_75_2          124.085    3.045      0          0          1
01478> MH_77_1          123.998    3.194      0          0          0
01479> MH_82_1          123.873    2.827      0          0          0
01480> MH_92_1          123.032    2.968      0          0          1
01481> MH_93_1          122.602    3.035      0          0          1
01482> MH_94_1          122.3      3.16       0          0          0
01483> MH_94_2          122.157    3.218      0          0          0
01484> MH-1             126.055    2.16       0          0          0
01485> MH-10            124.433    4.043      0          0          0
01486> MH-100           127.457    2.145      0          0          0
01487> MH-101           125.197    2.092      0          0          0
01488> MH-105           122.171    2.317      0          0          0
01489> MH-106           121.797    2.703      0          0          0
01490> MH-107           121.534    3.32       0          0          0
01491> MH-108           121.414    3.287      0          0          1
01492> MH-109           126.587    2.961      0          0          0
01493> MH-11            124.299    4.07       0          0          0
01494> MH-110           124.062    4.326      0          0          0
01495> MH-111           123.79     3.567      0          0          0
01496> MH-112           123.482    3.279      0          0          0
01497> MH-113           123.154    2.801      0          0          0
01498> MH-114           122.952    2.817      0          0          0
01499> MH-115           122.492    2.965      0          0          0
01500> MH-116           122.183    2.966      0          0          0
01501> MH-117           121.932    3.143      0          0          0
01502> MH-117_1         121.84     3.24       0          0          0
01503> MH-118           121.706    3.367      0          0          0
01504> MH-119           121.604    3.173      0          0          0
01505> MH-1190          121.515    2.287      0          0          1
01506> MH-12            124.946    2.459      0          0          0
01507> MH-12_1          124.665    2.696      0          0          0
01508> MH-120           125.296    2.207      0          0          1
01509> MH-13            124.263    3.043      0          0          0
01510> MH-14            124.529    2.392      0          0          1
01511> MH-14_1          124.439    2.364      0          0          1
01512> MH-16            124.172    2.38       0          0          0
01513> MH-17            123.988    2.371      0          0          0
```

```
01514> MH-18          123.826    2.38       0          0          0
01515> MH-19          123.691    2.432      0          0          0
01516> MH-19_1        123.539    2.421      0          0          0
01517> MH-2           125.674    2.985      0          0          1
01518> MH-20          123.257    2.321      0          0          0
01519> MH-200         128.485    2.218      0          0          0
01520> MH-200_1       128.489    2.206      0          0          0
01521> MH-201         127.958    2.838      0          0          0
01522> MH-202         127.847    2.794      0          0          0
01523> MH-203         127.768    2.793      0          0          0
01524> MH-204         127.365    2.868      0          0          0
01525> MH-205         126.861    2.893      0          0          0
01526> MH-21          123.547    2.187      0          0          0
01527> MH-22          122.842    2.364      0          0          0
01528> MH-23          123.569    2.078      0          0          1
01529> MH-24          123.389    2.069      0          0          1
01530> MH-25          123.112    2.256      0          0          1
01531> MH-26          122.936    2.376      0          0          1
01532> MH-27          122.628    2.476      0          0          1
01533> MH-28          122.293    2.491      0          0          0
01534> MH-29          122.131    1.848      0          0          0
01535> MH-3           125.244    3.488      0          0          1
01536> MH-30          121.984    2.179      0          0          0
01537> MH-302         114.676    9.469      0          0          0
01538> MH-303         114.561    9.016      0          0          0
01539> MH-304         114.455    8.064      0          0          0
01540> MH-31          123.828    2.041      0          0          0
01541> MH-32          123.16     3.009      0          0          1
01542> MH-32_1        123.073    3.91       0          0          0
01543> MH-32_3        122.99     4.841      0          0          0
01544> MH-33          124.557    2.08       0          0          0
01545> MH-34          123.693    3.179      0          0          1
01546> MH-34_1        123.615    3          0          0          1
01547> MH-34_2        123.525    2.85       0          0          1
01548> MH-35          125.317    2.231      0          0          0
01549> MH-36          124.847    2.552      0          0          1
01550> MH-36_1        124.616    2.616      0          0          1
01551> MH-37          124.199    2.769      0          0          1
01552> MH-38          127.735    2.544      0          0          0
01553> MH-39          128.279    2.05       0          0          0
01554> MH-4           125.959    2.125      0          0          0
01555> MH-40          128.155    2.187      0          0          0
01556> MH-400         122        2.55       0          0          0
01557> MH-401         114.858    9.692      0          0          0
01558> MH-402         119.004    5.546      0          0          0
01559> MH-403         119.263    6.037      0          0          0
01560> MH-41          128.304    2.103      0          0          1
01561> MH-42          127.829    2.58       0          0          1
01562> MH-43          127.713    2.582      0          0          1
01563> MH-44          128.209    2.088      0          0          0
01564> MH-45          128.14     2.16       0          0          0
01565> MH-46          128.339    2.092      0          0          1
01566> MH-47          127.855    2.528      0          0          1
01567> MH-48          127.606    2.641      0          0          0
01568> MH-49          126.085    1.895      0          0          0
01569> MH-5           125.8      2.43       0          0          1
01570> MH-50          127.115    2.431      0          0          0
01571> MH-500         123.49     3.891      0          0          0
01572> MH-501         123.093    4.016      0          0          0
01573> MH-5010        121.974    2.078      0          0          0
01574> MH-502         123.544    2.105      0          0          0
01575> MH-503         121.729    3.909      0          0          0
01576> MH-504         121.125    4.415      0          0          0
01577> MH-505         120.764    4.594      0          0          0
01578> MH-506         120.354    4.945      0          0          0
01579> MH-507         120.092    4.935      0          0          0
01580> MH-508         121.768    3.093      0          0          0
01581> MH-509         120.99     4.44       0          0          0
01582> MH-51          126.846    2.418      0          0          0
01583> MH-510         120.752    4.303      0          0          0
01584> MH-511         119.89     5.123      0          0          0
01585> MH-512         119.703    5.027      0          0          0
01586> MH-514         119.365    5.365      0          0          0
01587> MH-52          125.152    3.61       0          0          0
01588> MH-53          127.454    2.376      0          0          1
01589> MH-54          126.947    2.66       0          0          1
01590> MH-55          126.476    2.851      0          0          0
01591> MH-56          122.98     2.047      0          0          0
01592> MH-57          122.776    2.676      0          0          0
01593> MH-58          122.549    2.827      0          0          0
01594> MH-59          125.751    2.82       0          0          1
01595> MH-6           125.655    1.893      0          0          0
01596> MH-60          123.801    2.965      0          0          0
01597> MH-61          123.299    2.867      0          0          0
01598> MH-62          122.599    3.188      0          0          0
01599> MH-63          122.418    3.206      0          0          0
01600> MH-65          122.291    3.113      0          0          0
01601> MH-66          122.115    3.243      0          0          0
01602> MH-67          122.059    2.985      0          0          0
```

01603> MH-68	121.384	3.509	0	0	0
01604> MH-680	121.31	2.931	0	0	1
01605> MH-69	123.057	2.249	0	0	1
01606> MH-7	125.378	2.55	0	0	0
01607> MH-7_1	125.225	2.893	0	0	1
01608> MH-70	122.409	2.626	0	0	0
01609> MH-72	125.149	2.194	0	0	1
01610> MH-75	124.63	2.353	0	0	1
01611> MH-77	124.154	2.779	0	0	1
01612> MH-78	123.625	2.917	0	0	1
01613> MH-79	124.357	2.336	0	0	1
01614> MH-8	125.015	3.27	0	0	1
01615> MH-80	123.875	2.461	0	0	0
01616> MH-800	127.894	2.8	0	0	0
01617> MH-801	127.766	2.846	0	0	1
01618> MH-802	127.556	2.975	0	0	1
01619> MH-803	126.886	3.021	0	0	1
01620> MH-804	127.046	2.958	0	0	1
01621> MH-805	126.734	3.107	0	0	1
01622> MH-806	126.559	3.035	0	0	0
01623> MH-807	127.342	3.005	0	0	1
01624> MH-808	126.662	2.996	0	0	0
01625> MH-809	125.602	2.292	0	0	0
01626> MH-81	124.185	2.266	0	0	1
01627> MH-82	123.941	2.372	0	0	0
01628> MH-83	123.711	2.357	0	0	0
01629> MH-84	123.6	2.422	0	0	0
01630> MH-85	123.298	2.506	0	0	0
01631> MH-87	122.538	2.181	0	0	0
01632> MH-88	122.243	3.176	0	0	1
01633> MH-89	122.041	2.996	0	0	0
01634> MH-9	124.744	3.759	0	0	0
01635> MH-90	124.865	1.763	0	0	0
01636> MH-91	124.47	1.969	0	0	0
01637> MH-92	123.13	3.094	0	0	1
01638> MH-93	122.837	2.904	0	0	0
01639> MH-94	122.431	3.137	0	0	1
01640> MH-96	121.98	3.321	0	0	0
01641> MH-97	121.816	3.246	0	0	0
01642> MH-98	121.603	3.402	0	0	0
01643> MH-99	121.444	3.339	0	0	0
01644> MH-990	121.339	2.62	0	0	1
01645> MH-OGS2	125.502	2.392	0	0	0
01646> OGS	127.225	2.663	0	0	0
01647> OGS_Spill	127.365	2.893	0	0	0
01648> OGS_Spill_2	125.602	2.292	0	0	0
01649> RCB-1	127.02	1.45	0	0	0
01650> RCB-10	126.12	1.45	0	0	0
01651> RCB-11	126.19	1.45	0	0	0
01652> RCB-12	126.38	1.45	0	0	0
01653> RCB-13	126.33	1.45	0	0	0
01654> RCB-14	126.14	1.45	0	0	0
01655> RCB-143	124.07	0.3	0	0	0
01656> RCB-15	126.09	1.45	0	0	0
01657> RCB-16	124.37	1.45	0	0	0
01658> RCB-17	124.7	1.45	0	0	0
01659> RCB-18	124.59	1.45	0	0	0
01660> RCB-19	125.21	1.45	0	0	0
01661> RCB-2	126.78	1.45	0	0	0
01662> RCB-20	124.96	1.45	0	0	0
01663> RCB-21	124.37	1.5	0	0	0
01664> RCB-22	125.23	1.45	0	0	0
01665> RCB-23	124.89	1.45	0	0	0
01666> RCB-24	125.38	1.45	0	0	0
01667> RCB-25	124.36	1.45	0	0	0
01668> RCB-26	125.5	1.45	0	0	0
01669> RCB-27	125.41	1.45	0	0	0
01670> RCB-28	124.31	1.5	0	0	0
01671> RCB-29	124.5	1.45	0	0	0
01672> RCB-3	126.73	1.45	0	0	0
01673> RCB-30	124.61	1.45	0	0	0
01674> RCB-31	124.35	1.5	0	0	0
01675> RCB-32	124.3	1.45	0	0	0
01676> RCB-33	124.5	1.45	0	0	0
01677> RCB-34	125.11	0.9	0	0	0
01678> RCB-35	123.99	1.5	0	0	0
01679> RCB-36	125.11	1.45	0	0	0
01680> RCB-37	124.8	1.45	0	0	0
01681> RCB-38	124.36	1.45	0	0	0
01682> RCB-39	122.89	2.07	0	0	0
01683> RCB-39_2	123.38	1.5	0	0	0
01684> RCB-39_3	123.07	1.5	0	0	0
01685> RCB-4	126.76	1.45	0	0	0
01686> RCB-40	123.8	0.9	0	0	0
01687> RCB-41	123.84	0.9	0	0	0
01688> RCB-42	123.61	0.9	0	0	0
01689> RCB-43	124.13	1.5	0	0	0
01690> RCB-44	122.82	1.5	0	0	0
01691> RCB-45	123.4	0.9	0	0	0

```
01692> RCB-46           124.2     1.5       0         0         0
01693> RCB-47           123.81    0.9       0         0         0
01694> RCB-48           123.04    1.2       0         0         0
01695> RCB-5            125.38    1.45      0         0         0
01696> RCB-50           122.97    1.1       0         0         0
01697> RCB-51           123.88    1.45      0         0         0
01698> RCB-52           123.98    1.45      0         0         0
01699> RCB-54           123.46    1.72      0         0         0
01700> RCB-55           123.04    1         0         0         0
01701> RCB-56           122.66    0.9       0         0         0
01702> RCB-58           122.63    0.9       0         0         0
01703> RCB-59           122.53    0.9       0         0         0
01704> RCB-6            125.62    1.45      0         0         0
01705> RCB-60           122.47    0.9       0         0         0
01706> RCB-61           123.66    1.45      0         0         0
01707> RCB-62           122.44    0.9       0         0         0
01708> RCB-63           123.8     1.45      0         0         0
01709> RCB-64           123.61    1.45      0         0         0
01710> RCB-65           122.41    0.9       0         0         0
01711> RCB-66           122.38    0.9       0         0         0
01712> RCB-67           123.94    1.45      0         0         0
01713> RCB-68           123.06    1.45      0         0         0
01714> RCB-69           122.35    0.9       0         0         0
01715> RCB-7            125.87    1.45      0         0         0
01716> RCB-70           124.73    0.3       0         0         1
01717> RCB-72           121.6     0.3       0         0         1
01718> RCB-73           124.42    1.45      0         0         0
01719> RCB-8            125.63    1.45      0         0         0
01720> RCB-9            125.86    1.45      0         0         0
01721> RYD-10           126.53    0.3       0         0         0
01722> RYD-100          127.38    0.3       0         0         0
01723> RYD-101          127.67    0.3       0         0         0
01724> RYD-102          127.61    0.3       0         0         0
01725> RYD-103          127.94    0.3       0         0         0
01726> RYD-104          127.87    0.3       0         0         0
01727> RYD-105          128.18    0.3       0         0         0
01728> RYD-106          128.08    0.3       0         0         0
01729> RYD-107          128.21    0.3       0         0         0
01730> RYD-108          127.32    0.3       0         0         0
01731> RYD-109          127.25    0.3       0         0         0
01732> RYD-11           125.87    0.3       0         0         0
01733> RYD-110          126.47    0.3       0         0         0
01734> RYD-111          128.08    0.3       0         0         0
01735> RYD-112          128.81    0.3       0         0         0
01736> RYD-113          128.85    0.3       0         0         0
01737> RYD-114          128.58    0.3       0         0         0
01738> RYD-115          128.71    0.3       0         0         0
01739> RYD-116          128.44    0.3       0         0         0
01740> RYD-117          128.77    0.3       0         0         0
01741> RYD-118          128.5     0.3       0         0         0
01742> RYD-119          128.37    0.3       0         0         0
01743> RYD-12           126.25    0.3       0         0         0
01744> RYD-120          128.28    0.3       0         0         0
01745> RYD-121          128.22    0.3       0         0         0
01746> RYD-122          128.01    0.3       0         0         0
01747> RYD-123          127.81    0.3       0         0         0
01748> RYD-124          127.82    0.3       0         0         0
01749> RYD-125          127.87    0.3       0         0         0
01750> RYD-126          128.08    0.3       0         0         0
01751> RYD-127          125       0.3       0         0         0
01752> RYD-128          124.54    0.3       0         0         0
01753> RYD-129          124.37    0.3       0         0         0
01754> RYD-130          124.34    0.3       0         0         0
01755> RYD-131          123.86    0.3       0         0         0
01756> RYD-132          123.83    0.3       0         0         0
01757> RYD-133          123.73    0.3       0         0         0
01758> RYD-134          123.82    0.3       0         0         0
01759> RYD-135          123.79    0.3       0         0         0
01760> RYD-136          123.61    0.3       0         0         0
01761> RYD-137          123.58    0.3       0         0         0
01762> RYD-138          123.55    0.3       0         0         0
01763> ;Major_Out
01764> RYD-139          123.85    1         0         0         0
01765> RYD-14           126.04    0.3       0         0         0
01766> RYD-140          130.24    0         0         0         0
01767> RYD-141          127.77    1.2       0         0         0
01768> ;Major_Out
01769> RYD-143          120.38    3         0         0         0
01770> ;Major_Out
01771> RYD-144          122.48    1         0         0         0
01772> RYD-15           126.08    0.3       0         0         0
01773> RYD-16           126.19    0.3       0         0         0
01774> RYD-17           126.25    0.3       0         0         0
01775> RYD-18           126.68    0.3       0         0         0
01776> RYD-19           126.48    0.3       0         0         0
01777> RYD-2            125.8     0.3       0         0         0
01778> RYD-20           126.22    0.3       0         0         0
01779> RYD-24           124.62    0.5       0         0         0
01780> RYD-25           124.82    0.3       0         0         0
```

```
01781> RYD-26           125.22     0.3        0          0          0
01782> RYD-27           125.17     0.3        0          0          0
01783> RYD-28           125.07     0.3        0          0          0
01784> RYD-29           124.95     0.3        0          0          0
01785> RYD-3            125.98     0.3        0          0          0
01786> RYD-30           124.82     0.3        0          0          0
01787> RYD-31           124.63     0.5        0          0          0
01788> RYD-32           124.5      0.3        0          0          0
01789> RYD-33           124.38     0.3        0          0          0
01790> RYD-34           124.25     0.3        0          0          0
01791> RYD-35           124.12     0.5        0          0          0
01792> RYD-36           124.06     0.6        0          0          0
01793> RYD-37           124.28     0.3        0          0          0
01794> RYD-38           124.14     0.3        0          0          0
01795> RYD-4            125.67     0.3        0          0          0
01796> RYD-41           126.94     0.3        0          0          0
01797> RYD-42           126.69     0.3        0          0          0
01798> RYD-43           126.4      0.3        0          0          0
01799> RYD-44           126.42     0.3        0          0          0
01800> RYD-45           125.09     0.3        0          0          0
01801> RYD-46           125.05     0.3        0          0          0
01802> RYD-47           125.1      0.3        0          0          0
01803> RYD-49           126.28     0.3        0          0          0
01804> RYD-5            126.01     0.3        0          0          0
01805> RYD-50           126.39     0.3        0          0          0
01806> RYD-51           126.49     0.3        0          0          0
01807> RYD-52           126.43     0.3        0          0          0
01808> RYD-53           127.08     0.3        0          0          0
01809> RYD-54           126.64     0.3        0          0          0
01810> RYD-55           125.3      0.3        0          0          0
01811> RYD-56           124.89     0.58       0          0          0
01812> RYD-57           124.57     0.74       0          0          0
01813> RYD-58           124.86     0.61       0          0          0
01814> RYD-59           125.52     0.3        0          0          0
01815> RYD-6            125.73     0.3        0          0          0
01816> RYD-60           125.33     0.3        0          0          0
01817> RYD-61           125.41     0.3        0          0          0
01818> RYD-62           124.68     0.3        0          0          0
01819> RYD-63           124.82     0.3        0          0          0
01820> RYD-64           125.04     0.3        0          0          0
01821> RYD-7            125.48     0.3        0          0          0
01822> RYD-72           125.41     0.3        0          0          0
01823> RYD-73           125.6      0.3        0          0          0
01824> RYD-74           125.71     0.3        0          0          0
01825> RYD-75           125.91     0.3        0          0          0
01826> RYD-76           125.96     0.3        0          0          0
01827> RYD-77           125.54     0.3        0          0          0
01828> RYD-78           126.01     0.3        0          0          0
01829> RYD-79           126.28     0.3        0          0          0
01830> RYD-8            125.95     0.3        0          0          0
01831> RYD-80           126.3      0.3        0          0          0
01832> RYD-81           126.44     0.3        0          0          0
01833> RYD-82           126.38     0.3        0          0          0
01834> RYD-83           125.96     0.3        0          0          0
01835> RYD-84           126.31     0.3        0          0          0
01836> RYD-85           127.25     0.3        0          0          0
01837> RYD-86           127.53     0.3        0          0          0
01838> RYD-87           126.96     0.3        0          0          0
01839> RYD-88           127.16     0.3        0          0          0
01840> RYD-89           127.05     0.3        0          0          0
01841> RYD-9            126.36     0.3        0          0          0
01842> RYD-90           127.43     0.3        0          0          0
01843> RYD-91           127.73     0.3        0          0          0
01844> RYD-92           127.47     0.3        0          0          0
01845> RYD-93           127.36     0.3        0          0          0
01846> RYD-94           127.12     0.3        0          0          0
01847> RYD-95           127.34     0.3        0          0          0
01848> RYD-96           127.01     0.3        0          0          0
01849> RYD-97           126.71     0.3        0          0          0
01850> RYD-98           126.98     0.3        0          0          0
01851> RYD-99           127.52     0.3        0          0          0
01852>
01853> [OUTFALLS]
01854> ;;               Invert     Outfall      Stage/Table      Tide
01855> ;;Name           Elev.      Type         Time Series      Gate Route To
01856> ;;-------------- ---------- ------------ ---------------- ---- ----------------
01857> A058PK1-Out      122.3      FREE                          NO
01858> ABG02-Out        125.6      FREE                          NO
01859> ACREEKPK1-Out    125        FREE                          NO
01860> Maj-280          130.24     FREE                          NO   ABGRD01
01861> Major_Out-Creek  121.45     FREE                          NO
01862> MajorToCreek     0          FREE                          NO   ACREEKR1
01863> NorthFut-Out     125.5      FREE                          NO
01864> NorthStreet-Out  126.8      FREE                          NO
01865> Out_NEnclave_North 128.973  FREE                          NO
01866> To_E238          126.02     FREE                          NO
01867> To_E301          124.29     FREE                          NO
01868> To_E344          0          FREE                          NO
01869> To_E394          125.55     FREE                          NO
```

```
01870> To_E505          125.08     FREE                        NO
01871> To_E615          123.8      FREE                        NO
01872> To_E618          127.77     FREE                        NO
01873> To_E643          0          FREE                        NO
01874> To_E690          0          FREE                        NO
01875> To_J6301.693     122.59     FREE                        NO
01876> ;STM-MH
01877> To_J6358.901     114.3      FREE                        NO
01878> To_J7132.593     122.83     FREE                        NO
01879> To_J7232.906     123.48     FREE                        NO
01880> Trail-LID-10East-Out 120.5  FREE                        NO
01881> Trail-LID-10West-Out 120.5  FREE                        NO
01882> Trail-LID-1-Out  127.85     FREE                        NO
01883> Trail-LID-2-Out  124.35     FREE                        NO
01884> Trail-LID-3-Out  124        FREE                        NO
01885> Trail-LID-4-East-Out 125.05 FREE                        NO
01886> Trail-LID-4-West-Out 125.05 FREE                        NO
01887> Trail-LID-5-Out  122.1      FREE                        NO
01888> Trail-LID-6-Out  122.1      FREE                        NO
01889> Trail-LID-7-Out  124.1      FREE                        NO
01890> Trail-LID-8-Out  123.3      FREE                        NO
01891> Trail-LID-9-Out  121        FREE                        NO
01892>
01893> [STORAGE]
01894> ;;                Invert   Max.     Init.    Storage    Curve                    Ponded   Evap.
01895> ;;Name           Elev.    Depth    Depth    Curve      Params                   Area     Frac.    Infiltration pa
01896> ;;-------------- -------- -------- -------- ---------- -------- -------- -------- -------- -------- ---------------
01897> BioSwale-East    125.5    1        0        TABULAR    BioSwaleEast-Curve         0      0
01898> BioSwale-West    126.8    1        0        TABULAR    BioSwaleWest-Curve         0      0
01899> SFBG-4-5         121.2    4.1      0        TABULAR    BG-SWM_POND              0        0
01900> Trench-BGPark    122.3    5        0        TABULAR    BGPark-LID-Curve         1        0
01901> Trench-BronteRoad 125.6   2        0        TABULAR    BronteRoad-LID-Curve         0    0
01902> Trench-Trail-1   127.85   2.5      0        TABULAR    Trail-LID-1-Curve         0       0
01903> Trench-Trail-10East 120.5 2.5      0        TABULAR    Trail-LID-10East         0        0
01904> Trench-Trail-10West 120.5 2.5      0        TABULAR    Trail-LID-10West         0        0
01905> Trench-Trail-2   124.35   2.5      0        TABULAR    Trail-LID-2-Curve         0       0
01906> Trench-Trail-3   124      2.5      0        TABULAR    Trail-LID-3-Curve         0       0
01907> Trench-Trail-4East 125.05 2.5      0        TABULAR    Trail-LID-4-East-Curve         0  0
01908> Trench-Trail-4West 125.05 2.5      0        TABULAR    Trail-LID-4-West-Curve         0  0
01909> Trench-Trail-5   122.1    2.5      0        TABULAR    Trail-LID-5-Curve         0       0
01910> Trench-Trail--6  122.1    2.5      0        TABULAR    Trail-LID-6-Curve         0       0
01911> Trench-Trail-7   124.1    2.5      0        TABULAR    Trail-LID-7-Curve         0       0
01912> Trench-Trail-8   123.3    2.5      0        TABULAR    Trail-LID-8-Curve         0       0
01913> Trench-Trail-9   121      2.5      0        TABULAR    Trail-LID-9-Curve         0       0
01914> Trench-UrbanSquare 125    2        0        TABULAR    UrbanSquare-LID-Curve        0    0
01915>
01916> [CONDUITS]
01917> ;;                Inlet            Outlet                      Manning    Inlet      Outlet     Init.      Max.
01918> ;;Name           Node             Node             Length     N          Offset     Offset     Flow       Flow
01919> ;;-------------- ---------------- ---------------- ---------- ---------- ---------- ---------- ---------- ---------
01920> A006PK1-Spill    Trench-UrbanSquare ACREEKPK-DrainOut 21.409  0.035      126.5      126.4      0          0
01921> A010DV1-Spill    A010DV1-Onsite   Maj-216          10         0.035      128.267    128.266    0          0
01922> A032SC1-Spill    A032SC1-Onsite   Maj-128          10         0.013      126.153    126.152    0          0
01923> A034SC1-Spill    A034SC1-onsite   Maj-178          23.03      0.013      126.845    126.844    0          0
01924> A052DV1-Spill    A052DV1-Onsite   Maj-228          10         0.013      128.755    128.754    0          0
01925> A058PK1-Spill    Trench-BGPark    Maj-16           107.174    0.013      125.17     125.15     0          0
01926> A059PK1-Spill    A059PK1-Onsite   Maj-221          10         0.013      128.421    128.422    0          0
01927> A079DV1-Spill    A079DV1-Onsite   Maj-154          10         0.013      126.58     126.581    0          0
01928> A201DV1-spill    A201DV1-Onsite   Maj-270          10         0.013      130.665    130.664    0          0
01929> ACREEKPK1-Pipe   Trench-UrbanSquare ACREEKPK-DrainOut 19.318  0.013      125.55     125.55     0          0
01930> ACREEKPK-CreekDummy ACREEKPK-DrainOut To_E394      10         0.013      125.55     125.55     0          0
01931> B-Road_Spill     B-Road_Spill     Maj-276          15         0.013      128.99     128.506    0          0
01932> B-Road_Spill2    B-Road_Spill2    Enclave_Out      15         0.013      127.09     127.015    0          0
01933> C10              Major_to_14Mile  Major_Out-Creek  6.029      0.01       121.47     121.45     0          0
01934> C3               LID107           Major_to_14Mile  20         0.01       121.57     121.55     0          0
01935> C4               LID108           To_J6301.693     2.653      0.01       122.59     122.59     0          0
01936> C5               LID106           Major_to_14Mile  20         0.01       121.49     121.47     0          0
01937> C6               LID105           To_J7132.593     20         0.01       122.83     122.81     0          0
01938> C7               LID104           To_J7232.906     20         0.01       123.5      123.48     0          0
01939> C8               LID111           To_E238          20         0.01       126.02     126        0          0
01940> C9               LID112           To_E344          20         0.01       125.5      125.48     0          0
01941> Enclave_Out      Enclave_Out      To_E615          23.802     0.013      124        123.8      0          0
01942> LID_Enclave      LID114           To_E505          10         0.035      125.09     125.13     0          0
01943> LID1             LID95            LID96            16.58      0.035      126.27     125.37     0          0
01944> LID10            LID42            Trench-Trail-1   33.733     0.035      129.28     129.11     0          0
01945> LID100           Trench-Trail-4East LID111         7.021      0.035      126.69     126.02     0          0
01946> LID101           LID100           LID101           7.783      0.035      125.23     125.24     0          0
01947> LID102           LID103           LID102           6.512      0.035      125.35     125.34     0          0
01948> LID103           Trench-Trail-5   LID104           10.982     0.035      124.25     124.24     0          0
01949> LID104           Trench-Trail--6  LID105           14.164     0.035      123.85     123.84     0          0
01950> LID105           LID109           LID110           4.777      0.035      125.83     125.82     0          0
01951> LID106           LID38            LID39            5.78       0.035      124.99     124.98     0          0
01952> LID107           Trench-Trail-9   LID106           12.179     0.035      123.29     123.28     0          0
01953> LID108           Trench-Trail-10West LID107        7.209      0.035      122.18     122.17     0          0
01954> LID109           Trench-Trail-10East LID108        6.773      0.035      123.26     123.25     0          0
01955> LID11            Trench-Trail-1   LID54            25.717     0.035      129.11     128.29     0          0
01956> LID110           Trench-Trail-3   LID114           8.853      0.035      125.92     125.91     0          0
01957> LID111           LID62            LID114           8.382      0.035      125.8      125.79     0          0
01958> LID12            LID54            LID52            23.663     0.035      128.29     127.79     0          0
```

01959> LID13	LID52	LID53	22.916	0.035	127.79	126.9	0	0
01960> LID14	LID53	LID70	26.715	0.035	126.9	126.58	0	0
01961> LID15	LID70	Trench-Trail-2	30.043	0.035	126.58	125.94	0	0
01962> LID16	LID73	Trench-Trail-3	4.94	0.035	125.3	125.17	0	0
01963> LID17	LID96	Trench-Trail-3	9.631	0.035	125.37	125.17	0	0
01964> LID18	LID56	LID57	22.537	0.035	128.42	127.92	0	0
01965> LID19	LID85	LID93	11.322	0.024	125.86	125.75	0	0
01966> LID2	LID97	LID1	18.027	0.035	124.47	124.48	0	0
01967> LID20	LID64	LID112	11.524	0.024	125.67	125.5	0	0
01968> LID21	LID28	LID29	10.224	0.035	125.88	125.83	0	0
01969> LID22	LID20	LID41	17.793	0.035	126.32	126.23	0	0
01970> LID23	LID25	LID26	14.339	0.035	126.25	126.18	0	0
01971> LID24	Trench-Trail-4West	LID85	16.685	0.035	126.02	125.86	0	0
01972> LID25	LID26	LID24	14.976	0.035	126.18	126.11	0	0
01973> LID26	LID24	Trench-Trail-4East	11.735	0.035	126.11	126.05	0	0
01974> LID27	LID23	Trench-Trail-4East	6.489	0.035	126.08	126.05	0	0
01975> LID28	LID22	LID23	15.456	0.035	126.5	126.08	0	0
01976> LID29	LID21	LID22	11.916	0.035	126.57	126.5	0	0
01977> LID3	LID38	LID39	5.556	0.024	124.41	124.38	0	0
01978> LID30	LID21	LID20	22.017	0.035	126.57	126.32	0	0
01979> LID31	LID31	Trench-Trail-4West	9.915	0.035	126.13	126.02	0	0
01980> LID32	LID93	LID64	8.939	0.035	125.75	125.67	0	0
01981> LID33	LID1	LID99	16.084	0.035	124.48	124.44	0	0
01982> LID34	Trench-Trail-4East	LID111	6.604	0.024	126.05	126.02	0	0
01983> LID35	Trench-Trail-5	LID104	10.866	0.024	123.6	123.5	0	0
01984> LID36	LID17	LID100	18.979	0.035	124.52	124.25	0	0
01985> LID37	LID101	LID100	7.612	0.024	124.29	124.25	0	0
01986> LID38	LID101	LID18	3.305	0.035	124.29	124.24	0	0
01987> LID39	LID19	LID81	21.727	0.035	124.08	123.97	0	0
01988> LID4	LID88	LID43	11.266	0.035	122.26	122.2	0	0
01989> LID40	Trench-Trail--6	LID105	13.989	0.024	123.2	122.83	0	0
01990> LID41	LID81	LID82	12.174	0.035	123.97	123.91	0	0
01991> LID42	LID84	LID77	9.967	0.035	124.01	123.96	0	0
01992> LID43	LID77	LID78	22.608	0.035	123.96	123.85	0	0
01993> LID44	LID78	LID79	13.573	0.035	123.85	123.78	0	0
01994> LID45	LID79	LID80	15.127	0.035	123.78	123.71	0	0
01995> LID46	LID90	Trench-Trail--6	18.327	0.035	123.47	123.2	0	0
01996> LID47	LID10	LID9	19.679	0.035	123.87	123.77	0	0
01997> LID48	LID12	LID11	18.253	0.035	125.3	124.52	0	0
01998> LID49	LID13	LID12	18.298	0.035	126.22	125.3	0	0
01999> LID5	LID89	Trench-Trail-10West	7.806	0.035	121.81	121.64	0	0
02000> LID50	LID109	LID110	4.487	0.024	125.2	125.23	0	0
02001> LID51	Trench-Trail-9	LID106	11.951	0.024	122.16	121.49	0	0
02002> LID52	LID66	Trench-Trail-8	19.036	0.035	124.98	124.85	0	0
02003> LID53	LID39	LID2	8.357	0.035	124.38	123.84	0	0
02004> LID54	LID2	LID3	15.983	0.035	123.84	122.55	0	0
02005> LID55	LID3	Trench-Trail-9	4.948	0.035	122.55	122.16	0	0
02006> LID56	LID43	Trench-Trail-9	6.992	0.035	122.2	122.16	0	0
02007> LID57	LID4	Trench-Trail-10West	9.705	0.035	121.71	121.64	0	0
02008> LID58	LID5	LID4	31.606	0.035	121.92	121.71	0	0
02009> LID59	Trench-Trail-10West	LID107	6.945	0.024	121.64	121.57	0	0
02010> LID6	LID47	LID48	36.265	0.035	130.37	129.6	0	0
02011> LID60	Trench-Trail-10East	LID7	13.214	0.035	122.62	122.76	0	0
02012> LID61	Trench-Trail-10East	LID108	6.583	0.024	122.62	122.59	0	0
02013> LID62	LID36	LID34	16.668	0.035	122.8	122.72	0	0
02014> LID63	LID35	LID32	9.871	0.035	123	122.89	0	0
02015> LID64	Trench-Trail-2	LID73	31.798	0.035	125.94	125.3	0	0
02016> LID65	LID61	LID55	34.234	0.035	129.39	129.22	0	0
02017> LID66	LID55	LID56	26.899	0.035	129.22	128.42	0	0
02018> LID67	LID57	LID58	22.792	0.035	127.92	127.03	0	0
02019> LID68	LID58	LID59	27.145	0.035	127.03	126.65	0	0
02020> LID69	LID59	LID60	30.314	0.035	126.65	126.5	0	0
02021> LID7	LID48	LID49	25.035	0.035	129.6	129.47	0	0
02022> LID70	LID60	LID62	34.36	0.035	126.5	125.13	0	0
02023> LID71	LID27	LID28	37.157	0.035	126.07	125.88	0	0
02024> LID72	LID29	LID30	12.278	0.035	125.83	125.77	0	0
02025> LID73	LID30	LID64	21.137	0.035	125.77	125.67	0	0
02026> LID74	LID31	LID41	20.725	0.035	126.13	126.23	0	0
02027> LID75	LID44	LID16	21.837	0.035	125.29	124.67	0	0
02028> LID76	LID16	LID17	18.779	0.035	124.67	124.52	0	0
02029> LID77	Trench-Trail-3	LID114	8.803	0.024	125.17	125.13	0	0
02030> LID78	LID18	LID19	32.946	0.035	124.24	124.08	0	0
02031> LID79	LID82	Trench-Trail-5	11.672	0.035	123.91	123.6	0	0
02032> LID8	LID49	LID50	18.55	0.035	129.47	129.38	0	0
02033> LID80	LID80	LID90	16.753	0.035	123.71	123.47	0	0
02034> LID81	LID8	Trench-Trail--6	32.174	0.035	123.68	123.2	0	0
02035> LID82	LID9	LID8	17.851	0.035	123.77	123.68	0	0
02036> LID83	LID11	LID10	17.633	0.035	124.52	123.87	0	0
02037> LID84	LID13	LID14	17.777	0.035	126.22	125.94	0	0
02038> LID85	LID14	Trench-Trail-7	30.727	0.035	125.94	125.27	0	0
02039> LID86	Trench-Trail-7	LID110	7.685	0.035	125.27	125.23	0	0
02040> LID87	LID109	LID67	9.895	0.035	125.2	125.15	0	0
02041> LID88	LID67	LID66	21.274	0.035	125.15	124.98	0	0
02042> LID89	Trench-Trail-8	LID38	8.449	0.035	124.85	124.41	0	0
02043> LID9	LID50	LID42	20.35	0.035	129.38	129.28	0	0
02044> LID90	LID7	LID5	43.573	0.035	122.76	121.92	0	0
02045> LID91	LID34	Trench-Trail-10East	14.763	0.035	122.72	122.62	0	0
02046> LID92	LID32	LID36	18.71	0.035	122.89	122.8	0	0
02047> LID93	LID33	LID35	15.872	0.035	123.08	123	0	0

```
02048> LID94            LID99            LID103           12.892     0.035      124.44     124.35     0          0
02049> LID95            LID103           LID102           6.151      0.024      124.35     124.32     0          0
02050> LID96            LID102           LID100           2.681      0.035      124.32     124.25     0          0
02051> LID97            LID62            LID114           8.26       0.024      125.13     125.09     0          0
02052> LID98            LID64            LID112           12.371     0.035      126.42     125.5      0          0
02053> LID99            LID85            LID93            11.96      0.035      126.72     125.75     0          0
02054> ;Major_Out
02055> Maj_Out_Creek1   Maj-0            RYD-139          10         0.013      123.802    123.85     0          0
02056> ;Major_Out
02057> Maj_Out_Creek2   RYD-139          RYD-143          24         0.013      123.85     122.18     0          0
02058> ;Major_Out
02059> Maj_Out_Creek3   RYD-144          RYD-143          10         0.013      122.48     122.18     0          0
02060> ;Major_Out
02061> Maj_Out_Creek4   RYD-144          Major_to_14Mile  20         0.013      122.48     122.28     0          0
02062> ;Major_Out
02063> Maj_Out_CreekN-1 Maj-207          RYD-141          10         0.013      127.82     127.87     0          0
02064> ;Major_Out
02065> Maj_Out_CreekN-2 RYD-141          To_E618          12.71      0.013      127.87     127.77     0          0
02066> Maj_Out_Enclave-S1 Maj-256        RYD-140          10         0.013      130.191    130.24     0          0
02067> Maj_Out_Enclave-S2 RYD-140        MajorToCreek     4.984      0.013      130.24     130.14     0          0
02068> Maj_Over_East_1  Maj-12           Major_Pond_East  10         0.013      124.706    124.76     0          0
02069> Maj_Over_East_2  Major_Pond_East  SFBG-4-5         20         0.013      124.76     124.66     0          0
02070> ;MAjor
02071> Maj_Over-South1  Maj-24           Major_Pond_South 10         0.013      124.907    124.95     0          0
02072> ;MAjor
02073> Maj_Over-South2  Major_Pond_South SFBG-4-5         20         0.013      124.95     124.85     0          0
02074> Maj_Over-West1   Maj-23           Major_Pond_West  10         0.013      124.872    124.92     0          0
02075> ;MAjor
02076> Maj_Over-West2   Major_Pond_West  SFBG-4-5         20         0.013      124.92     124.82     0          0
02077> ;Street-C
02078> Maj-0            Maj-101          Maj-96           15.021     0.013      125.752    125.67     0          0
02079> ;Street-Q
02080> Maj-1            Maj-4            Maj-3            22.834     0.013      124.224    124.11     0          0
02081> ;Street-P
02082> Maj-10           Maj-27           Maj-18           15.25      0.013      124.98     124.8      0          0
02083> ;Street-J
02084> Maj-100          Maj-157          Maj-148          16.581     0.013      126.592    126.456    0          0
02085> ;Street-L
02086> Maj-101          Maj-167          Maj-159          11.5       0.013      126.79     126.626    0          0
02087> ;Street-J
02088> Maj-102          Maj-160          Maj-158          34.35      0.013      126.65     126.642    0          0
02089> ;Street-L
02090> Maj-103          Maj-161          Maj-151          40         0.013      126.686    126.486    0          0
02091> ;Street-K
02092> Maj-104          Maj-163          Maj-152          15.899     0.013      126.744    126.53     0          0
02093> ;Street-A
02094> Maj-105          Maj-158          Maj-140          23.121     0.013      126.642    126.387    0          0
02095> ;Street-L
02096> Maj-106          Maj-166          Maj-161          20         0.013      126.786    126.686    0          0
02097> ;Street-H
02098> Maj-107          Maj-183          Maj-170          34.185     0.013      127.116    126.838    0          0
02099> ;Street-J
02100> Maj-108          Maj-171          Maj-157          43.419     0.013      126.844    126.592    0          0
02101> ;Street-A
02102> Maj-109          Maj-173          Maj-164          20         0.013      126.955    126.785    0          0
02103> ;Street-P
02104> Maj-11           Maj-26           Maj-19           22.854     0.013      124.922    124.808    0          0
02105> ;Street-A
02106> Maj-110          Maj-192          Maj-173          36.113     0.013      127.262    126.955    0          0
02107> ;Street-G
02108> Maj-111          Maj-174          Maj-167          26.843     0.013      126.924    126.79     0          0
02109> ;Street-G
02110> Maj-112_1        Maj-174          Maj-174_1        22.96      0.013      126.924    126.81     0          0
02111> ;Street-G
02112> Maj-112_2        Maj-174_1        Maj-162          22.28      0.013      126.81     126.698    0          0
02113> ;Street-K
02114> Maj-113          Maj-175          Maj-163          20         0.013      126.954    126.744    0          0
02115> ;Street-L
02116> Maj-114          Maj-176          Maj-159          68.5       0.013      126.968    126.626    0          0
02117> ;Street-J
02118> Maj-115          Maj-178          Maj-160          33.023     0.013      126.98     126.65     0          0
02119> ;Street-J
02120> Maj-116          Maj-178          Maj-171          26.977     0.013      126.98     126.844    0          0
02121> ;Street-G
02122> Maj-117          Maj-179          Maj-172          20         0.013      127.022    126.922    0          0
02123> ;Street-C
02124> Maj-118          Maj-180          Maj-153          20         0.013      127.042    126.54     0          0
02125> ;Street-G North
02126> Maj-119          Maj-185          Maj-181          11.78      0.013      127.142    127.084    0          0
02127> ;Street-A
02128> Maj-12           Maj-21           Maj-12           29.44      0.013      124.853    124.706    0          0
02129> ;Street-G North
02130> Maj-120          Maj-192          Maj-181          15         0.013      127.262    127.084    0          0
02131> ;Street-G
02132> Maj-121          Maj-184          Maj-179          20         0.013      127.122    127.022    0          0
02133> ;Street-L
02134> Maj-122          Maj-188          Maj-176          44.737     0.013      127.192    126.968    0          0
02135> ;Street-G
02136> Maj-123          Maj-190          Maj-184          20         0.013      127.222    127.122    0          0
```

```
02137> ;Street-B
02138> Maj-124          Maj-191         Maj-155         17.25     0.013     127.23    126.582   0         0
02139> ;Street-G
02140> Maj-125          Maj-192         Maj-182         13.092    0.013     127.262   127.092   0         0
02141> ;Street-G North
02142> Maj-126          Maj-199         Maj-183         38.016    0.013     127.4     127.116   0         0
02143> ;Street-G North
02144> Maj-127          Maj-199         Maj-196         10        0.013     127.4     127.342   0         0
02145> ;Street-G
02146> Maj-128          Maj-200         Maj-190         40        0.013     127.422   127.222   0         0
02147> ;Street-G North
02148> Maj-129          Maj-201         Maj-198         28.674    0.013     127.532   127.39    0         0
02149> ;Street-A
02150> Maj-13           Maj-28          Maj-21          26.967    0.013     124.988   124.853   0         0
02151> ;Street-G
02152> Maj-130          Maj-202         Maj-200         32.525    0.013     127.584   127.422   0         0
02153> ;Street-G North
02154> Maj-131          Maj-203         Maj-197         44.512    0.013     127.626   127.404   0         0
02155> ;Street-C
02156> Maj-132          Maj-205         Maj-180         20        0.013     127.742   127.042   0         0
02157> ;Street-C
02158> Maj-133          Maj-221         Maj-205         20        0.013     128.422   127.742   0         0
02159> ;Street-G North
02160> Maj-134          Maj-206         Maj-203         14.001    0.013     127.788   127.626   0         0
02161> ;Street-A
02162> Maj-135          Maj-208         Maj-192         43.887    0.013     127.921   127.262   0         0
02163> ;Street-A
02164> Maj-136          Maj-219         Maj-208         28.153    0.013     128.343   127.921   0         0
02165> ;Street-B
02166> Maj-137          Maj-209         Maj-191         20.03     0.013     127.98    127.23    0         0
02167> ;Street-B
02168> Maj-138          Maj-219         Maj-214         14.015    0.013     128.343   128.17    0         0
02169> ;Street-F
02170> Maj-139          Maj-222         Maj-217         13        0.013     128.44    128.268   0         0
02171> ;Street-A
02172> Maj-14           Maj-22          Maj-16          10.44     0.013     124.858   124.806   0         0
02173> ;Street-F
02174> Maj-140          Maj-218         Maj-210         40        0.013     128.306   128.104   0         0
02175> ;Street-B-North
02176> Maj-141          Maj-219         Maj-213         15        0.013     128.343   128.164   0         0
02177> ;Street-K
02178> Maj-142          Maj-220         J1              13.4      0.013     128.397   128.396   0         0
02179> ;Street-A
02180> Maj-143          Maj-223         Maj-219         11.847    0.013     128.479   128.343   0         0
02181> ;Street-F
02182> Maj-144          Maj-224         Maj-217         52.856    0.013     128.532   128.268   0         0
02183> ;Street-B-North
02184> Maj-145          Maj-225         Maj-216         57.775    0.013     128.554   128.266   0         0
02185> ;Street-B
02186> Maj-146          Maj-227         Maj-209         19.86     0.013     128.73    127.98    0         0
02187> ;Street-A
02188> Maj-147          Maj-229         Maj-223         20        0.013     128.76    128.479   0         0
02189> ;Street-F
02190> Maj-149          Maj-230         Maj-226         28.562    0.013     128.828   128.685   0         0
02191> ;Street-A
02192> Maj-15           Maj-27          Maj-16          34.842    0.013     124.98    124.806   0         0
02193> ;Street-B
02194> Maj-150          Maj-236         Maj-231         16.477    0.013     129.2     128.904   0         0
02195> ;Street-B
02196> Maj-151          Maj-231         Maj-279         20        0.013     128.904   128.544   0         0
02197> ;Street-E
02198> Maj-152          Maj-238         Maj-234         11.5      0.013     129.264   129.1     0         0
02199> ;Street-B
02200> Maj-153          Maj-235         Maj-228         20        0.013     129.113   128.754   0         0
02201> ;Street-B
02202> Maj-154          Maj-246         Maj-238         44.015    0.013     129.544   129.264   0         0
02203> ;Street-D
02204> Maj-156          Maj-244         Maj-239         11.5      0.013     129.48    129.316   0         0
02205> ;Street-B
02206> Maj-157          Maj-240         Maj-227         15.719    0.013     129.318   128.73    0         0
02207> ;Street-T
02208> Maj-158          Maj-271         Maj-241         65.5      0.013     130.478   129.387   0         0
02209> ;Street-T
02210> Maj-159          Maj-246         Maj-241         10.25     0.013     129.544   129.387   0         0
02211> ;Street-C
02212> Maj-16           Maj-28          Maj-20          14.63     0.013     124.988   124.812   0         0
02213> ;Street-A
02214> Maj-160          Maj-242         Maj-237         18        0.013     129.452   129.242   0         0
02215> ;Street-A
02216> Maj-161          Maj-242         Maj-229         64.39     0.013     129.452   128.76    0         0
02217> ;Street-B
02218> Maj-162          Maj-243         Maj-235         20        0.013     129.472   129.113   0         0
02219> ;Street-B
02220> Maj-163          Maj-244         Maj-236         44.007    0.013     129.48    129.2     0         0
02221> ;Street-B
02222> Maj-164          Maj-245         Maj-244         11.108    0.013     129.536   129.48    0         0
02223> ;Street-B
02224> Maj-165          Maj-245         Maj-240         12.69     0.013     129.536   129.318   0         0
02225> ;Street-B
```

```
02226> Maj-166          Maj-248          Maj-246          44.015     0.013      129.764    129.544    0          0
02227> ;Street-E
02228> Maj-167          Maj-248          Maj-247          11.5       0.013      129.764    129.6      0          0
02229> ;Street-B
02230> Maj-168          Maj-248          Maj-243          18.816     0.013      129.764    129.472    0          0
02231> ;Street-A
02232> Maj-17           Maj-28           Maj-22           33.033     0.013      124.988    124.858    0          0
02233> ;Street-E
02234> Maj-170          Maj-249          Maj-234          48.5       0.013      130.01     129.1      0          0
02235> ;Street-D
02236> Maj-171          Maj-250          Maj-239          48.5       0.013      130.014    129.316    0          0
02237> ;Street-E
02238> Maj-172          Maj-252          Maj-247          42.612     0.013      130.1      129.6      0          0
02239> ;Lane-AA
02240> Maj-173          Maj-264          Maj-255          36.849     0.013      130.437    130.252    0          0
02241> ;Street-D
02242> Maj-174          Maj-267          Maj-259          13.175     0.013      130.381    130.315    0          0
02243> ;Street-E
02244> Maj-175          Maj-271          Maj-260          30.338     0.013      130.478    130.327    0          0
02245> ;Street-E
02246> Maj-176          Maj-271          Maj-262          27.09      0.013      130.478    130.344    0          0
02247> ;Street-F
02248> Maj-177          Maj-226          Maj-224          21.242     0.013      128.685    128.532    0          0
02249> ;Street-B-North
02250> Maj-178          Maj-222          Maj-212          49.518     0.013      128.44     128.142    0          0
02251> ;Street-B-North
02252> Maj-179_1        Maj-212          Maj-206_1        28.44      0.013      128.142    127.992    0          0
02253> ;Street-B-North
02254> Maj-179_2        Maj-206_1        Maj-206          38.96      0.013      127.992    127.788    0          0
02255> ;Street-G North
02256> Maj-180_1        Maj-201          Maj-201_1        42.33      0.013      127.532    127.302    0          0
02257> ;Street-G North
02258> Maj-180_2        Maj-201_1        Maj-186          24.55      0.013      127.302    127.168    0          0
02259> ;Street-H
02260> Maj-181          Maj-170          Maj-165          12.33      0.013      126.838    126.758    0          0
02261> ;Street-H
02262> Maj-182          Maj-150          Maj-143          13.895     0.013      126.468    126.378    0          0
02263> ;Street-H
02264> Maj-183          Maj-135          Maj-130          13.18      0.013      126.266    126.18     0          0
02265> ;Street-H
02266> Maj-184          Maj-124          Maj-116          21.359     0.013      126.106    125.968    0          0
02267> ;Street-A
02268> Maj-185          Maj-53           Maj-34           39.786     0.013      125.254    125.055    0          0
02269> ;Street-P
02270> Maj-186          Maj-36           Maj-18           44.75      0.013      125.024    124.8      0          0
02271> ;Street-P
02272> Maj-187          Maj-61           Maj-49           16.97      0.013      125.292    125.116    0          0
02273> ;Street-P
02274> Maj-188          Maj-61           Maj-38           49.645     0.013      125.292    125.048    0          0
02275> ;Street-P
02276> Maj-189          Maj-28           Maj-19           15.25      0.013      124.988    124.808    0          0
02277> ;Street-O
02278> Maj-19           Maj-31           Maj-23           22.78      0.013      124.986    124.872    0          0
02279> ;Street-C
02280> Maj-190          Maj-75           Maj-51           23.109     0.013      125.432    125.202    0          0
02281> ;Street-Q
02282> Maj-191          Maj-13           Maj-5            19.996     0.013      124.694    124.234    0          0
02283> ;Street-Q
02284> Maj-192          Maj-49           Maj-13           20.543     0.013      125.116    124.694    0          0
02285> ;Street-Q
02286> Maj-193          Maj-5            Maj-0            26.101     0.013      124.234    123.802    0          0
02287> ;Street-K
02288> Maj-194          Maj-14           Maj-8            23.683     0.013      124.743    124.506    0          0
02289> ;Street-K
02290> Maj-195          Maj-25           Maj-14           20         0.013      124.943    124.743    0          0
02291> ;Street-K
02292> Maj-196          Maj-56           Maj-30           53.68      0.013      125.268    125.012    0          0
02293> ;Street-K
02294> Maj-197          Maj-56           Maj-37           34.996     0.013      125.268    125.078    0          0
02295> ;Street-K
02296> Maj-198          Maj-72           Maj-55           34.319     0.013      125.435    125.263    0          0
02297> ;Street-K
02298> Maj-199          Maj-92           Maj-72           39.999     0.013      125.642    125.435    0          0
02299> ;Street-Q
02300> Maj-2            Maj-6            Maj-4            20         0.013      124.405    124.224    0          0
02301> ;Street-A
02302> Maj-20           Maj-33           Maj-27           14.718     0.013      125.053    124.98     0          0
02303> ;Street-K
02304> Maj-200          Maj-121          Maj-112          19.999     0.013      126.08     125.934    0          0
02305> ;Street-G
02306> Maj-201          Maj-127          Maj-119          14.248     0.013      126.173    126.012    0          0
02307> ;Street-G
02308> Maj-202          Maj-127          Maj-118          14.249     0.013      126.173    125.998    0          0
02309> ;Street-G
02310> Maj-203          Maj-133          Maj-126          19.999     0.013      126.246    126.146    0          0
02311> ;Street-G
02312> Maj-204          Maj-138          Maj-133          20         0.013      126.346    126.246    0          0
02313> ;Street-G
02314> Maj-205          Maj-145          Maj-138          20.001     0.013      126.446    126.346    0          0
```

```
02315> ;Street-G
02316> Maj-206          Maj-154          Maj-145          35.999     0.013      126.58     126.446    0          0
02317> ;Street-M
02318> Maj-208          Maj-110          Maj-100          31.171     0.013      125.856    125.698    0          0
02319> ;Street-K
02320> Maj-209          Maj-137          Maj-129          21.324     0.013      126.309    126.209    0          0
02321> ;Street-K
02322> Maj-21           Maj-55           Maj-37           37.004     0.013      125.263    125.078    0          0
02323> ;Street-K
02324> Maj-210          Maj-142          Maj-137          18.676     0.013      126.409    126.309    0          0
02325> ;Street-K
02326> Maj-211          Maj-187          Maj-175          19.998     0.013      127.194    126.954    0          0
02327> ;Street-K
02328> Maj-212          Maj-220          Maj-204          26.559     0.013      128.397    127.695    0          0
02329> ;Street-D
02330> Maj-213          Maj-236          Maj-233          11.481     0.013      129.2      129.036    0          0
02331> ;Street-E
02332> Maj-214          Maj-260          Maj-258          10.711     0.013      130.327    130.314    0          0
02333> ;Street-E
02334> Maj-215          Maj-262          Maj-278          20.039     0.013      130.344    130.202    0          0
02335> ;Street-B
02336> Maj-216          Maj-228          Maj-214          35.091     0.013      128.754    128.17     0          0
02337> ;Street-G North
02338> Maj-217          Maj-196          Maj-185          33.217     0.013      127.342    127.142    0          0
02339> ;Street-B-North
02340> Maj-218          Maj-225          Maj-222          19.247     0.013      128.554    128.44     0          0
02341> ;Street-B-North
02342> Maj-219          Maj-216          Maj-213          18.45      0.013      128.266    128.164    0          0
02343> ;Street-O
02344> Maj-22           Maj-56           Maj-39           15.25      0.013      125.268    125.074    0          0
02345> ;Street-K
02346> Maj-220          Maj-204          Maj-187          19.996     0.013      127.695    127.194    0          0
02347> ;Street-U
02348> Maj-221          Maj-147          Maj-105          48.71      0.013      126.448    125.814    0          0
02349> ;Street-P
02350> Maj-222          Maj-97           Maj-76           46.991     0.013      125.674    125.438    0          0
02351> ;Street-G North
02352> Maj-223          Maj-186          Maj-183          10.62      0.013      127.168    127.116    0          0
02353> ;Street-U
02354> Maj-224          Maj-157          Maj-147          17.983     0.013      126.592    126.448    0          0
02355> ;Street-C
02356> Maj-225          Maj-32           Maj-20           20         0.013      125.002    124.812    0          0
02357> ;Street-Q
02358> Maj-226          Maj-2            Maj-1            21.165     0.013      124.008    123.902    0          0
02359> ;Street-L
02360> Maj-227          Maj-189          Maj-177          44.935     0.013      127.202    126.978    0          0
02361> ;Street-Q
02362> Maj-228          Maj-3            Maj-2            21.781     0.013      124.11     124.008    0          0
02363> ;Street-A
02364> Maj-229          Maj-140          Maj-106          48.902     0.013      126.387    125.87     0          0
02365> ;Street-N
02366> Maj-23           Maj-55           Maj-41           15.25      0.013      125.263    125.084    0          0
02367> ;Street-C
02368> Maj-230          Maj-96           Maj-86           24.977     0.013      125.67     125.544    0          0
02369> ;Street-H
02370> Maj-231          Maj-143          Maj-135          21.663     0.013      126.378    126.266    0          0
02371> ;Street-A
02372> Maj-232          Maj-15           Maj-11           18.082     0.013      124.747    124.657    0          0
02373> ;Street-G
02374> Maj-233          Maj-202          Maj-194          27.475     0.013      127.584    127.31     0          0
02375> ;Street-C
02376> Maj-234          Maj-77           Maj-64           19.996     0.013      125.444    125.334    0          0
02377> ;Street-C
02378> Maj-235          Maj-64           Maj-54           19.535     0.013      125.334    125.228    0          0
02379> ;Street-C
02380> Maj-236          Maj-65           Maj-54           20.464     0.013      125.34     125.228    0          0
02381> ;Street-C
02382> Maj-237          Maj-75           Maj-65           16.703     0.013      125.432    125.34     0          0
02383> ;Street-G
02384> Maj-238          Maj-194          Maj-182          21.688     0.013      127.31     127.092    0          0
02385> ;Street-C
02386> Maj-239          Maj-162          Maj-144          27.992     0.013      126.698    126.382    0          0
02387> ;Street-O
02388> Maj-24           Maj-42           Maj-31           20         0.013      125.086    124.986    0          0
02389> ;Street-G
02390> Maj-240          Maj-168          Maj-162          23.028     0.013      126.816    126.698    0          0
02391> ;Street-C
02392> Maj-241          Maj-162          Maj-153          12.007     0.013      126.698    126.54     0          0
02393> ;Street-B
02394> Maj-242          Maj-238          Maj-221          42.726     0.013      129.264    128.422    0          0
02395> ;Street-O
02396> Maj-243          Maj-35           Maj-23           28.765     0.013      125.024    124.872    0          0
02397> ;Street-G
02398> Maj-244          Maj-172          Maj-168          19.999     0.013      126.922    126.816    0          0
02399> ;Street-L
02400> Maj-245          Maj-169          Maj-166          10         0.013      126.824    126.786    0          0
02401> ;Street-L
02402> Maj-246          Maj-151          Maj-136          44.133     0.013      126.486    126.266    0          0
02403> ;Street-L
```

```
02404> Maj-247          Maj-146          Maj-136          11.5       0.013      126.43     126.266    0          0
02405> ;Street-P
02406> Maj-248          Maj-45           Maj-36           19.997     0.013      125.14     125.024    0          0
02407> ;Street-J
02408> Maj-249          Maj-120          Maj-111          11.25      0.013      126.038    125.876    0          0
02409> ;Street-K
02410> Maj-25           Maj-44           Maj-25           20         0.013      125.143    124.943    0          0
02411> ;Street-C
02412> Maj-250          Maj-51           Maj-32           20         0.013      125.202    125.002    0          0
02413> ;Street-I
02414> Maj-251          Maj-108          Maj-94           40         0.013      125.852    125.652    0          0
02415> ;Street-A
02416> Maj-252          Maj-164          Maj-158          16.879     0.013      126.785    126.642    0          0
02417> ;Street-S
02418> Maj-253          Maj-253          Out_NEnclave_North 36.392   0.013      130.258    128.973    0          0
02419> ;Street-S
02420> Maj-254          Maj-275          Maj-253          24.147     0.013      130.822    130.258    0          0
02421> ;Street-S
02422> Maj-255          Maj-275          Maj-274          15.746     0.013      130.822    130.743    0          0
02423> ;Street-S
02424> Maj-256          Maj-274          Maj-272          19.944     0.013      130.743    130.643    0          0
02425> ;Street-S
02426> Maj-257          Maj-272          Maj-269          19.919     0.013      130.643    130.571    0          0
02427> ;Street-S
02428> Maj-258          Maj-269          Maj-266          19.979     0.013      130.571    130.671    0          0
02429> ;Street-S
02430> Maj-259          Maj-270          Maj-266          20         0.013      130.664    130.671    0          0
02431> ;Street-K
02432> Maj-26           Maj-46           Maj-40           20         0.013      125.206    125.106    0          0
02433> ;Street-S
02434> Maj-260          Maj-273          Maj-270          19.869     0.013      130.564    130.664    0          0
02435> ;Street-S
02436> Maj-261          Maj-273          Maj-268          21.975     0.013      130.564    130.432    0          0
02437> ;Street-S
02438> Maj-262          Maj-268          Maj-261          18.724     0.013      130.432    130.338    0          0
02439> ;Street-S
02440> Maj-263          Maj-261          Maj-256          29.39      0.013      130.338    130.191    0          0
02441> ;Street-S
02442> Maj-264          Maj-263          Maj-256          16.148     0.013      130.352    130.191    0          0
02443> ;Street-F
02444> Maj-266          Maj-210          Maj-207          40.496     0.013      128.104    127.82     0          0
02445> ;Street-F
02446> Maj-267          Maj-211          Maj-207          52.112     0.013      128.14     127.82     0          0
02447> ;Street-F
02448> Maj-268          Maj-211          Maj-206          67.119     0.013      128.14     127.788    0          0
02449> ;Street-G North
02450> Maj-269          Maj-197          Maj-195          10.623     0.013      127.404    127.356    0          0
02451> ;Street-O
02452> Maj-27           Maj-47           Maj-42           20         0.013      125.186    125.086    0          0
02453> ;Street-G North
02454> Maj-270          Maj-198          Maj-195          10.624     0.013      127.39     127.356    0          0
02455> ;Street-A
02456> Maj-271          Maj-66           Maj-34           57.765     0.013      125.373    125.055    0          0
02457> ;Street-A
02458> Maj-272          Maj-80           Maj-66           22.228     0.013      125.495    125.373    0          0
02459> ;Street-A
02460> Maj-273          Maj-88           Maj-80           19.996     0.013      125.605    125.495    0          0
02461> ;Street-A
02462> Maj-274          Maj-98           Maj-88           19.997     0.013      125.714    125.605    0          0
02463> ;Street-P
02464> Maj-275          Maj-97           Maj-89           13.006     0.013      125.674    125.59     0          0
02465> ;Street-P
02466> Maj-276          Maj-89           Maj-59           39.999     0.013      125.59     125.292    0          0
02467> ;Street-P
02468> Maj-277          Maj-59           Maj-43           23.548     0.013      125.292    125.214    0          0
02469> ;Street-Q
02470> Maj-278          Maj-1            Maj-0            12.947     0.013      123.902    123.802    0          0
02471> ;Street-K
02472> Maj-279          Maj-30           Maj-24           20.304     0.013      125.012    124.907    0          0
02473> ;Street-O
02474> Maj-28           Maj-48           Maj-39           24.75      0.013      125.196    125.074    0          0
02475> ;Street-K
02476> Maj-280          Maj-29           Maj-24           19.778     0.013      125.006    124.907    0          0
02477> ;Street-K
02478> Maj-281          Maj-40           Maj-29           19.998     0.013      125.106    125.006    0          0
02479> ;Street-M
02480> Maj-282          Maj-131          Maj-123          14.786     0.013      126.208    126.104    0          0
02481> ;Street-M
02482> Maj-283          Maj-117          Maj-110          17.408     0.013      125.978    125.856    0          0
02483> ;Street-M
02484> Maj-284          Maj-100          Maj-90           19.998     0.013      125.698    125.59     0          0
02485> ;Street-L
02486> Maj-285          Maj-177          Maj-169          20.305     0.013      126.978    126.824    0          0
02487> ;Street-L
02488> Maj-286          Maj-193          Maj-189          10.588     0.013      127.282    127.202    0          0
02489> ;Street-L
02490> Maj-287          Maj-193          Maj-188          11.825     0.013      127.282    127.192    0          0
02491> ;Street-D
02492> Maj-288          Maj-267          Maj-250          26.821     0.013      130.381    130.014    0          0
```

```
02493> ;Street-D
02494> Maj-289          Maj-259          Maj-257          13.092     0.013      130.315    130.291    0          0
02495> ;Street-P
02496> Maj-29           Maj-49           Maj-43           19.477     0.013      125.116    125.214    0          0
02497> ;Street-D
02498> Maj-290          Maj-257          Maj-251          10         0.013      130.291    130.086    0          0
02499> ;Street-D
02500> Maj-291          Maj-251          Maj-233          55.411     0.013      130.086    129.036    0          0
02501> ;Lane-AA
02502> Maj-292          Maj-257          Maj-255          19.998     0.013      130.291    130.252    0          0
02503> ;Lane-AA
02504> Maj-293          Maj-264          Maj-258          46.442     0.013      130.437    130.314    0          0
02505> ;Street-E
02506> Maj-294          Maj-258          Maj-249          11.857     0.013      130.314    130.01     0          0
02507> ;Street-U
02508> Maj-295          Maj-114          Maj-105          18.747     0.013      125.92     125.814    0          0
02509> ;Street-P
02510> Maj-296          Maj-38           Maj-26           20.9       0.013      125.048    124.922    0          0
02511> ;Street-F
02512> Maj-297          Maj-276          Maj-218          40.004     0.013      128.506    128.306    0          0
02513> ;Street-F
02514> Maj-298          Maj-230          Maj-276          64.332     0.013      128.828    128.506    0          0
02515> ;Street-A
02516> Maj-299          Maj-9            Maj-277          17.137     0.013      124.542    124.305    0          0
02517> ;Street-A
02518> Maj-3            Maj-7            Maj-6            10         0.013      124.444    124.405    0          0
02519> ;Street-N
02520> Maj-30           Maj-52           Maj-41           24.75      0.013      125.208    125.084    0          0
02521> ;Street-B
02522> Maj-300          Maj-279          Maj-221          10.426     0.013      128.544    128.422    0          0
02523> ;Street-E
02524> Maj-301          Maj-278          Maj-252          13.713     0.013      130.202    130.1      0          0
02525> Maj-303          Maj-309          Maj-305          21.35      0.013      129.77     129.588    0          0
02526> Maj-304          Maj-308          Maj-311          32.86      0.013      130.453    130.288    0          0
02527> Maj-305          Maj-313          Maj-309          19.24      0.013      129.866    129.77     0          0
02528> Maj-306          Maj-310          Maj-313          19.45      0.013      129.964    129.866    0          0
02529> Maj-307          Maj-311          Maj-314          39.89      0.013      130.288    130.088    0          0
02530> Maj-308          Maj-314          Maj-312          39.89      0.013      130.088    129.889    0          0
02531> Maj-309          Maj-304          Maj-302          22.54      0.013      129.727    129.479    0          0
02532> ;Street-A
02533> Maj-31           Maj-53           Maj-33           40.212     0.013      125.254    125.053    0          0
02534> Maj-310          Maj-305          Maj-302          17.33      0.013      129.588    129.479    0          0
02535> Maj-311          Maj-301          Maj-303          29.65      0.013      130.51     130.127    0          0
02536> Maj-312          Maj-307          Maj-308          18.77      0.013      130.576    130.453    0          0
02537> Maj-313          Maj-312          Maj-309          20.65      0.013      129.889    129.77     0          0
02538> Maj-314          Maj-303          Maj-304          39.89      0.013      130.127    129.727    0          0
02539> Maj-315          Maj-306          Maj-307          11.92      0.013      130.636    130.576    0          0
02540> Maj-316          Maj-306          Maj-270          16.27      0.013      130.636    130.664    0          0
02541> Maj-317          Maj-301          Maj-268          11.71      0.013      130.51     130.432    0          0
02542> ;Street-O
02543> Maj-32           Maj-54           Maj-35           19.572     0.013      125.228    125.024    0          0
02544> ;Street-P
02545> Maj-33           Maj-57           Maj-45           20         0.013      125.24     125.14     0          0
02546> ;Street-K
02547> Maj-34           Maj-58           Maj-46           20         0.013      125.306    125.206    0          0
02548> ;Street-O
02549> Maj-35           Maj-60           Maj-47           20         0.013      125.286    125.186    0          0
02550> ;Street-O
02551> Maj-36           Maj-62           Maj-48           20         0.013      125.296    125.196    0          0
02552> ;Street-N
02553> Maj-37           Maj-63           Maj-52           20         0.013      125.306    125.208    0          0
02554> ;Street-R
02555> Maj-38           Maj-66           Maj-50           14.5       0.013      125.373    125.196    0          0
02556> ;Street-O
02557> Maj-39           Maj-67           Maj-62           10         0.013      125.342    125.296    0          0
02558> ;Street-K
02559> Maj-4            Maj-11           Maj-8            15.997     0.013      124.657    124.506    0          0
02560> ;Street-O
02561> Maj-40           Maj-67           Maj-60           11.035     0.013      125.342    125.286    0          0
02562> ;Street-N
02563> Maj-41           Maj-82           Maj-68           11.4       0.013      125.506    125.344    0          0
02564> ;Street-K
02565> Maj-42           Maj-70           Maj-58           15.8       0.013      125.385    125.306    0          0
02566> ;Street-K
02567> Maj-43           Maj-70           Maj-44           24.2       0.013      125.385    125.143    0          0
02568> ;Street-N
02569> Maj-44           Maj-73           Maj-63           20         0.013      125.406    125.306    0          0
02570> ;Street-N
02571> Maj-45           Maj-74           Maj-68           17.147     0.013      125.43     125.344    0          0
02572> ;Street-P
02573> Maj-46           Maj-76           Maj-57           40         0.013      125.438    125.24     0          0
02574> ;Street-C
02575> Maj-47           Maj-82           Maj-77           30.353     0.013      125.506    125.444    0          0
02576> ;Street-C
02577> Maj-48           Maj-78           Maj-69           18.647     0.013      125.444    125.352    0          0
02578> ;Street-C
02579> Maj-49           Maj-82           Maj-79           10         0.013      125.506    125.458    0          0
02580> ;Street-A
02581> Maj-5            Maj-11           Maj-9            17.287     0.013      124.657    124.542    0          0
```

```
02582> ;Street-C
02583> Maj-50          Maj-79          Maj-69          21.353     0.013      125.458    125.352    0          0
02584> ;Street-R
02585> Maj-51          Maj-71          Maj-50          10         0.013      125.386    125.196    0          0
02586> ;Street-M
02587> Maj-53          Maj-93          Maj-81          15.25      0.013      125.646    125.466    0          0
02588> ;Street-N
02589> Maj-54          Maj-83          Maj-73          20         0.013      125.506    125.406    0          0
02590> ;Street-I
02591> Maj-55          Maj-96          Maj-84          11.25      0.013      125.67     125.508    0          0
02592> ;Street-N
02593> Maj-56          Maj-85          Maj-74          20         0.013      125.528    125.43     0          0
02594> ;Street-C
02595> Maj-57          Maj-86          Maj-78          20         0.013      125.544    125.444    0          0
02596> ;Street-M
02597> Maj-58          Maj-90          Maj-81          24.75      0.013      125.59     125.466    0          0
02598> ;Street-N
02599> Maj-59          Maj-91          Maj-83          20         0.013      125.606    125.506    0          0
02600> ;Street-A
02601> Maj-6           Maj-10          Maj-6           32.317     0.013      124.566    124.405    0          0
02602> ;Street-K
02603> Maj-60          Maj-93          Maj-87          11.003     0.013      125.646    125.591    0          0
02604> ;Street-N
02605> Maj-61          Maj-95          Maj-91          12.223     0.013      125.668    125.606    0          0
02606> ;Street-N
02607> Maj-62          Maj-95          Maj-85          27.777     0.013      125.668    125.528    0          0
02608> ;Street-H
02609> Maj-63          Maj-106         Maj-99          15         0.013      125.87     125.702    0          0
02610> ;Street-K
02611> Maj-64          Maj-102         Maj-93          19.221     0.013      125.787    125.646    0          0
02612> ;Street-K
02613> Maj-65          Maj-103         Maj-87          40         0.013      125.791    125.591    0          0
02614> ;Street-K
02615> Maj-66          Maj-103         Maj-92          29.776     0.013      125.791    125.642    0          0
02616> ;Street-A
02617> Maj-67          Maj-104         Maj-98          20         0.013      125.814    125.714    0          0
02618> ;Street-A
02619> Maj-68          Maj-106         Maj-104         11.098     0.013      125.87     125.814    0          0
02620> ;Street-I
02621> Maj-69          Maj-107         Maj-106         31.419     0.013      125.848    125.87     0          0
02622> ;Street-A
02623> Maj-7           Maj-15          Maj-10          36.141     0.013      124.747    124.566    0          0
02624> ;Street-I
02625> Maj-70          Maj-94          Maj-84          28.75      0.013      125.652    125.508    0          0
02626> ;Street-I
02627> Maj-71          Maj-114         Maj-108         13.72      0.013      125.92     125.852    0          0
02628> ;Street-C
02629> Maj-72          Maj-109         Maj-101         20         0.013      125.852    125.752    0          0
02630> ;Street-K
02631> Maj-73          Maj-112         Maj-102         20         0.013      125.934    125.787    0          0
02632> ;Street-H
02633> Maj-74          Maj-116         Maj-113         10.767     0.013      125.968    125.914    0          0
02634> ;Street-H
02635> Maj-75          Maj-113         Maj-99          44.4       0.013      125.914    125.702    0          0
02636> ;Street-C
02637> Maj-76          Maj-115         Maj-109         20         0.013      125.952    125.852    0          0
02638> ;Street-C
02639> Maj-77          Maj-120         Maj-115         17.161     0.013      126.038    125.952    0          0
02640> ;Street-I
02641> Maj-78          Maj-122         Maj-107         20         0.013      126.048    125.848    0          0
02642> ;Street-M
02643> Maj-79          Maj-123         Maj-117         25.236     0.013      126.104    125.978    0          0
02644> ;Street-A
02645> Maj-8           Maj-17          Maj-7           49.228     0.013      124.812    124.444    0          0
02646> ;Street-J
02647> Maj-80          Maj-125         Maj-111         28.75      0.013      126.12     125.876    0          0
02648> ;Street-G
02649> Maj-81          Maj-126         Maj-119         26.679     0.013      126.146    126.012    0          0
02650> ;Street-K
02651> Maj-82          Maj-127         Maj-121         12.508     0.013      126.173    126.08     0          0
02652> ;Street-I
02653> Maj-83          Maj-128         Maj-114         46.279     0.013      126.152    125.92     0          0
02654> ;Street-I
02655> Maj-84          Maj-128         Maj-122         40         0.013      126.152    126.048    0          0
02656> ;Street-K
02657> Maj-85          Maj-129         Maj-127         10         0.013      126.209    126.173    0          0
02658> ;Street-H
02659> Maj-86          Maj-130         Maj-124         14.688     0.013      126.18     126.106    0          0
02660> ;Street-C
02661> Maj-87          Maj-132         Maj-120         22.839     0.013      126.222    126.038    0          0
02662> ;Street-G
02663> Maj-88          Maj-139         Maj-118         44.821     0.013      126.334    125.998    0          0
02664> ;Street-G
02665> Maj-89          Maj-146         Maj-139         12.741     0.013      126.43     126.334    0          0
02666> ;Street-A
02667> Maj-9           Maj-17          Maj-12          21.332     0.013      124.812    124.706    0          0
02668> ;Street-M
02669> Maj-90          Maj-134         Maj-131         25.08      0.013      126.266    126.208    0          0
02670> ;Street-B
```

```
02671> Maj-91          Maj-152          Maj-141          10.72      0.013      126.53     126.372    0          0
02672> ;Street-C
02673> Maj-92          Maj-144          Maj-132          20         0.013      126.382    126.222    0          0
02674> ;Street-J
02675> Maj-93          Maj-148          Maj-125          40         0.013      126.456    126.12     0          0
02676> ;Street-G
02677> Maj-94          Maj-149          Maj-146          10         0.013      126.466    126.43     0          0
02678> ;Street-G
02679> Maj-95_1        Maj-167          Maj-167_1        38.13      0.013      126.79     126.6      0          0
02680> ;Street-G
02681> Maj-95_2        Maj-167_1        Maj-149          26.46      0.013      126.6      126.466    0          0
02682> ;Street-K
02683> Maj-96          Maj-152          Maj-142          24.101     0.013      126.53     126.409    0          0
02684> ;Street-B
02685> Maj-97          Maj-155          Maj-141          12         0.013      126.582    126.372    0          0
02686> ;Street-H
02687> Maj-98          Maj-165          Maj-156          33.482     0.013      126.758    126.59     0          0
02688> ;Street-H
02689> Maj-99          Maj-156          Maj-150          24.438     0.013      126.59     126.468    0          0
02690> MH-100          MH-100           MH-101           63.94      0.013      127.457    125.217    0          0
02691> MH-101          MH-101           MH-90            35.98      0.013      125.197    124.945    0          0
02692> MH-53_1         MH-53            MH-52            63.5       0.013      127.838    126.568    0          0
02693> MH-809          MH-809           MH-OGS2          10         0.013      125.602    125.502    0          0.0505
02694> MH-810          MH-809           BioSwale-East    25.92      0.035      127.894    125.5      0          0
02695> MH-OGS2         MH-OGS2          BioSwale-East    10         0.013      125.502    125.5      0          0
02696> Min_Spil_53     MH-72            Maj-188          4.071      0.013      127.304    127.192    0          0
02697> Min_Spill_1     MH-29            RYD-139          10.481     0.013      123.991    123.85     0          0
02698> Min_Spill_10    MH-6             Maj-197          5.982      0.013      127.546    127.404    0          0
02699> Min_Spill_11    MH-35            Maj-194          10         0.013      127.548    127.31     0          0
02700> Min_Spill_12    MH-7             Maj-206          2.542      0.013      127.916    127.788    0          0
02701> Min_Spill_13    MH-200_1         Maj-269          1.724      0.013      130.695    130.571    0          0
02702> ;Street-S
02703> Min_Spill_14    Maj-263          Maj-280          10.72      0.013      130.352    130.24     0          0
02704> Min_Spill_15    MH-12            Maj-186          10         0.013      127.405    127.168    0          0
02705> Min_Spill_16    MH-87            Maj-8            10         0.013      124.719    124.506    0          0
02706> Min_Spill_17    MH-203           Maj-268          10         0.013      130.561    130.432    0          0
02707> Min_Spill_18    MH-201           Maj-270          10         0.013      130.796    130.664    0          0
02708> Min_Spill_19    MH-111           Maj-192          10         0.013      127.357    127.262    0          0
02709> Min_Spill_2     MH-19_1          Maj-99           10         0.013      125.96     125.702    0          0
02710> Min_Spill_20    MH-200           Maj-274          40.857     0.013      130.85     130.743    0          0
02711> Min_Spill_21    MH-52            Maj-214          10         0.013      128.762    128.17     0          0
02712> Min_Spill_22    MH-117_1         Maj-16           10         0.013      125.08     124.806    0          0
02713> Min_Spill_23    MH_1_1           Maj-218          10         0.013      128.458    128.306    0          0
02714> Min_Spill_24    MH-119           Maj-12           10         0.013      124.902    124.706    0          0
02715> Min_Spill_25    MH-106           Maj-6            10         0.013      124.5      124.405    0          0
02716> Min_Spill_26    MH-107           Maj-12           10         0.013      124.854    124.706    0          0
02717> Min_Spill_27    MH-30            Maj-2            10         0.013      124.163    124.008    0          0
02718> Min_Spill_28    MH-40            Maj-252          10         0.013      130.342    130.1      0          0
02719> Min_Spill_29    MH-90            Maj-152          10         0.013      126.628    126.53     0          0
02720> Min_Spill_3     MH-19            Maj-116          10         0.013      126.123    125.968    0          0
02721> Min_Spill_30    MH-44            Maj-241          10         0.013      130.297    129.387    0          0
02722> Min_Spill_31    MH-39            Maj-249          10         0.013      130.329    130.01     0          0
02723> Min_Spill_32    MH-21            Maj-76           10         0.013      125.734    125.438    0          0
02724> Min_Spill_33    MH-105           Maj-277          10         0.013      124.488    124.305    0          0
02725> Min_Spill_34    MH-204           Maj-256          4.07       0.013      130.339    130.191    0          0
02726> Min_Spill_35    MH-22            Maj-36           10         0.013      125.206    125.024    0          0
02727> Min_Spill_36    MH-16            Maj-143          10         0.013      126.552    126.378    0          0
02728> Min_Spill_37    MH-18            Maj-116          10         0.013      126.206    125.968    0          0
02729> Min_Spill_38    MH-17            Maj-130          10         0.013      126.359    126.18     0          0
02730> Min_Spill_39    MH-13            Maj-185          10         0.013      127.306    127.142    0          0
02731> Min_Spill_4     MH-113           Maj-104          10         0.013      125.955    125.814    0          0
02732> Min_Spill_40    MH-20            Maj-71           10         0.013      125.578    125.386    0          0
02733> Min_Spill_41    MH-112           Maj-158          10         0.013      126.761    126.642    0          0
02734> Min_Spill_42    MH-109           Maj-242          10         0.013      129.548    129.452    0          0
02735> Min_Spill_43    MH-116           Maj-34           10         0.013      125.149    125.055    0          0
02736> Min_Spill_44    MH-85            Maj-90           16.842     0.013      125.801    125.59     0          0
02737> Min_Spill_45    MH-51            Maj-236          10         0.013      129.264    129.2      0          0
02738> Min_Spill_46    MH-807           Maj-303          10         0.013      130.347    130.127    0          0
02739> Min_Spill_47    MH-800           Maj-307          12         0.013      130.694    130.576    0          0
02740> Min_Spill_48    MH-45            Maj-250          10         0.013      130.3      130.014    0          0
02741> Min_Spill_49    MH_59_1          Maj-180          10         0.013      127.6      127.042    0          0
02742> Min_Spill_5     MH-12_1          Maj-183          10         0.013      127.361    127.116    0          0
02743> Min_Spill_50    MH-202           Maj-273          10         0.013      130.641    130.564    0          0
02744> Min_Spill_51    MH-80            Maj-133          4.972      0.013      126.347    126.246    0          0
02745> Min_Spill_52    MH-56            Maj-20           10         0.013      125.027    124.812    0          0
02746> Min_Spill_53    MH-120           Maj-198          10         0.013      127.503    127.39     0          0
02747> Min_Spill_6     MH-33            Maj-160          14.06      0.013      126.637    126.65     0          0
02748> Min_Spill_7     MH-31            Maj-107          10.74      0.013      125.869    125.848    0          0
02749> Min_Spill_8     MH-1             Maj-210          10         0.013      128.222    128.104    0          0
02750> Min_Spill_9     MH-49            RYD-141          13.227     0.013      128.047    127.87     0          0
02751> ;Street-16
02752> Min-1_1         MH-1             MH_1_1           47.2       0.013      126.055    125.89     0          0
02753> ;Street-16
02754> Min-1_2         MH_1_1           MH-2             40.3       0.013      125.89     125.749    0          0
02755> ;Street-17
02756> Min-10          MH-10            MH-11            20.81      0.013      124.433    124.349    0          0
02757> ;Street-13
02758> Min-105_1       MH-105           MH_105_1         83.32      0.013      122.171    122.004    0          0
02759> ;Street-13
```

```
02760> Min-105_2        MH_105_1        MH-106          28.41     0.013     122.004   121.947   0         0
02761> ;Street-13
02762> Min-106          MH-106          MH-107          70.67     0.013     121.797   121.584   0         0
02763> ;Street-28
02764> Min-107          MH-107          MH-108          23.63     0.013     121.534   121.464   0         0
02765> ;Street-28
02766> Min-108          MH-108          SFBG-4-5        10        0.013     121.414   121.4     0         0
02767> ;Street-13
02768> Min-109          MH-109          MH-110          99.73     0.013     126.587   125.387   0         0
02769> ;Street-17
02770> Min-11           MH-11           MH-110          31.03     0.013     124.299   124.175   0         0
02771> ;Street-13
02772> Min-110          MH-110          MH-111          71.8      0.013     124.062   123.81    0         0
02773> ;Street-13
02774> Min-111          MH-111          MH-112          71.93     0.013     123.79    123.502   0         0
02775> ;Street-13
02776> Min-112          MH-112          MH-113          76.62     0.013     123.482   123.174   0         0
02777> ;Street-13
02778> Min-113          MH-113          MH-114          36.41     0.013     123.154   122.972   0         0
02779> ;Street-13
02780> Min-114          MH-114          MH-115          56        0.013     122.952   122.672   0         0
02781> ;Street-13
02782> Min-115          MH-115          MH-116          55.23     0.013     122.492   122.326   0         0
02783> ;Street-13
02784> Min-116          MH-116          MH-117          92.15     0.013     122.183   121.952   0         0
02785> ;Street-13
02786> Min-117_1        MH-117          MH-117_1        36.68     0.013     121.932   121.84    0         0
02787> ;Street-13
02788> Min-117_2        MH-117_1        MH-118          45.42     0.013     121.84    121.726   0         0
02789> ;Street-13
02790> Min-118          MH-118          MH-119          34.14     0.013     121.706   121.604   0         0
02791> ;Street-28
02792> Min-119          MH-119          MH-1190         29.5      0.013     121.604   121.515   0         0
02793> ;Street-28
02794> Min-1190         MH-1190         SFBG-4-5        5         0.013     121.515   121.5     0         0
02795> ;Street-18
02796> Min-12_1         MH-12           MH-12_1         46.77     0.013     124.946   124.665   0         0
02797> ;Street-18
02798> Min-12_2         MH-12_1         MH-13           58.27     0.013     124.665   124.313   0         0
02799> ;Street-18
02800> Min-120          MH-120          MH-12           78.25     0.013     125.296   125.021   0         0
02801> ;Street-18
02802> Min-13           MH-13           MH-111          35.05     0.013     124.263   124.053   0         0
02803> ;Street-09
02804> Min-14_1         MH-14           MH-14_1         22.38     0.013     124.529   124.439   0         0
02805> ;Street-09
02806> Min-14_2         MH-14_1         MH-16           47.72     0.013     124.439   124.247   0         0
02807> ;Street-09
02808> Min-16           MH-16           MH-17           33.4      0.013     124.172   124.038   0         0
02809> ;Street-09
02810> Min-17           MH-17           MH-18           28.1      0.013     123.988   123.876   0         0
02811> ;Street-09
02812> Min-18           MH-18           MH-19           14.9      0.013     123.826   123.766   0         0
02813> ;Street-09
02814> Min-19_1         MH-19           MH-19_1         37.84     0.013     123.691   123.539   0         0
02815> ;Street-09
02816> Min-19_2         MH-19_1         MH-113          39.72     0.013     123.539   123.379   0         0
02817> ;Street-16
02818> Min-2            MH-2            MH-3            100       0.013     125.674   125.324   0         0
02819> ;Street-06
02820> Min-20           MH-20           MH-115          38.93     0.013     123.257   122.867   0         0
02821> ;Street-23
02822> Min-200_1        MH-200          MH-200_1        1         0.013     128.485   128.481   0         0
02823> ;Street-23
02824> Min-200_2        MH-200_1        MH-201          37        0.013     128.481   128.333   0         0
02825> ;Street-23
02826> Min-201          MH-201          MH-202          30.35     0.013     127.958   127.897   0         0
02827> ;Street-23
02828> Min-202          MH-202          MH-203          14.5      0.013     127.847   127.818   0         0
02829> ;Street-23
02830> Min-203          MH-203          MH-204          51.5      0.013     127.768   127.665   0         0
02831> ;Street-34
02832> Min-204          MH-204          OGS             8         0.013     127.365   127.305   0         0.0505
02833> Min-204-Over     OGS_Spill       MH-205          9         0.013     127.365   127.23    0         0
02834> ;Street-33
02835> Min-205          MH-205          BioSwale-West   30.5      0.013     126.861   126.8     0         0
02836> ;Street-22
02837> Min-21           MH-21           MH-22           104.71    0.013     123.547   122.917   0         0
02838> ;Street-22
02839> Min-22           MH-22           MH-117          72.62     0.013     122.842   122.404   0         0
02840> ;Street-22
02841> Min-23           MH-23           MH-24           37        0.013     123.569   123.439   0         0
02842> ;Street-22
02843> Min-24           MH-24           MH-25           15        0.013     123.389   123.337   0         0
02844> ;Street-22
02845> Min-25           MH-25           MH-26           36        0.013     123.112   122.986   0         0
02846> ;Street-22
02847> Min-26_1         MH-26           MH_26_1         30.56     0.013     122.936   122.829   0         0
02848> ;Street-22
```

```
02849> Min-26_2         MH_26_1         MH-27           35.94      0.013      122.829    122.703    0          0
02850> ;Street-22
02851> Min-27           MH-27           MH-118          49.05      0.013      122.628    122.456    0          0
02852> ;Street-24
02853> Min-28           MH-28           MH-29           56         0.013      122.293    122.181    0          0
02854> ;Street-24
02855> Min-29           MH-29           MH-30           36         0.013      122.131    122.059    0          0
02856> ;Street-16
02857> Min-3            MH-3            MH-9            78.5       0.013      125.244    124.969    0          0
02858> ;Street-24
02859> Min-30           MH-30           MH-106          53.32      0.013      121.984    121.877    0          0
02860> ;Street-94
02861> Min-302          MH-302          MH-303          46         0.013      114.676    114.561    0          0
02862> ;Street-29
02863> Min-303          MH-303          MH-304          22.5       0.013      114.561    114.505    0          0
02864> ;Street-29
02865> Min-304          MH-304          To_J6358.901    62         0.013      114.455    114.3      0          0
02866> ;Street-11
02867> Min-31           MH-31           MH-32           92.5       0.013      123.828    123.273    0          0
02868> ;Street-11
02869> Min-32_1         MH-32           MH-32_1         43.09      0.013      123.16     123.073    0          0
02870> ;Street-11
02871> Min-32_3         MH-32_1         MH-32_3         41.66      0.013      123.073    122.99     0          0
02872> ;Street-11
02873> Min-32_4         MH-32_3         MH-62           35.24      0.013      122.99     122.919    0          0
02874> ;Street-14
02875> Min-33           MH-33           MH-34           93.9       0.013      124.557    123.993    0          0
02876> ;Street-14
02877> Min-34_1         MH-34           MH-34_1         38.78      0.013      123.693    123.615    0          0
02878> ;Street-14
02879> Min-34_3         MH-34_1         MH-34_2         45.17      0.013      123.615    123.525    0          0
02880> ;Street-14
02881> Min-34_4         MH-34_2         MH-61           37.87      0.013      123.525    123.449    0          0
02882> ;Street-03
02883> Min-35           MH-35           MH-36           78.77      0.013      125.317    124.922    0          0
02884> ;Street-03
02885> Min-36_1         MH-36           MH-36_1         33         0.013      124.847    124.616    0          0
02886> ;Street-03
02887> Min-36_2         MH-36_1         MH-37           52.33      0.013      124.616    124.249    0          0
02888> ;Street-03
02889> Min-37           MH-37           MH-60           29.67      0.013      124.199    123.989    0          0
02890> ;Street-25
02891> Min-38           MH-38           MH-48           10         0.013      127.735    127.681    0          0
02892> ;Street-25
02893> Min-39           MH-39           MH-38           75.88      0.013      128.279    127.785    0          0
02894> ;Street-17
02895> Min-4            MH-4            MH-5            21         0.013      125.959    125.875    0          0
02896> ;Street-04
02897> Min-40           MH-40           MH-53           68.77      0.013      128.155    127.534    0          0
02898> Min-400          MH-400          MH-401          3          0.013      122        121.985    0          0
02899> Min-401          MH-401          MH-302          73         0.013      114.858    114.676    0          0
02900> Min-402          MH-402          MH-401          2          0.013      119.004    118.986    0          0
02901> Min-403          MH-403          MH-402          17.12      0.013      119.263    119.229    0          0
02902> ;Street-04
02903> Min-41           MH-41           MH-42           75.9       0.013      128.335    127.879    0          0
02904> Min-41-1         MH-41           MH-40           11         0.013      128.304    128.205    0          0
02905> ;Street-04
02906> Min-42           MH-42           MH-43           10.87      0.013      127.829    127.763    0          0
02907> ;Street-04
02908> Min-43           MH-43           MH-55           67.29      0.013      127.713    126.701    0          0
02909> ;Street-02
02910> Min-44           MH-44           MH-54           58.14      0.013      128.209    127.097    0          0
02911> ;Street-15
02912> Min-45           MH-45           MH-50           69.84      0.013      128.14     127.195    0          0
02913> Min-45_1         MH-46           MH-45           11         0.013      128.339    128.19     0          0
02914> ;Street-15
02915> Min-46           MH-46           MH-47           32.46      0.013      128.376    127.905    0          0
02916> ;Street-15
02917> Min-47           MH-47           MH-48           11.87      0.013      127.855    127.681    0          0
02918> ;Street-15
02919> Min-48           MH-48           MH-51           67.67      0.013      127.606    126.926    0          0
02920> ;Street-17
02921> Min-49           MH-49           MH-4            19         0.013      126.085    126.009    0          0
02922> ;Street-17
02923> Min-5            MH-5            MH-7            68         0.013      125.8      125.528    0          0
02924> ;Street-08
02925> Min-50           MH-50           MH-51           48.38      0.013      127.115    126.921    0          0
02926> Min-500          MH-500          MH-501          54.29      0.013      123.588    123.179    0          0
02927> Min-501          MH-501          MH-5010         57         0.013      123.093    122.124    0          0
02928> Min-5010         MH-5010         MH-503          33         0.013      121.974    121.809    0          0
02929> Min-502          MH-502          MH-503          80.5       0.013      123.544    122.9      0          0
02930> Min-503          MH-503          MH-505          81.09      0.013      121.729    120.914    0          0
02931> Min-504          MH-504          MH-505          34.1       0.013      121.125    120.989    0          0
02932> Min-505          MH-505          MH-506          89.71      0.013      120.764    120.404    0          0
02933> Min-506          MH-506          MH-507          52.64      0.013      120.354    120.142    0          0
02934> Min-507          MH-507          MH-511          12.88      0.013      120.092    120.04     0          0
02935> Min-508          MH-508          MH-509          72         0.013      121.768    121.444    0          0
02936> Min-509          MH-509          MH-510          74.68      0.013      120.99     120.802    0          0
02937> ;Street-08
```

```
02938> Min-51          MH-51          MH-59          42.08      0.013      126.846    125.901    0          0
02939> Min-510         MH-510         MH-511         13.37      0.013      120.752    120.718    0          0
02940> Min-511         MH-511         MH-512         28.66      0.013      119.89     119.833    0          0
02941> Min-512         MH-512         MH-514         144        0.013      119.703    119.415    0          0
02942> Min-514         MH-514         MH-403         25.58      0.013      119.365    119.313    0          0
02943> ;Street-08
02944> Min-52          MH-52          MH-110         39.84      0.013      125.152    124.512    0          0
02945> ;Street-08
02946> Min-53          MH-53          MH-54          47.89      0.013      127.454    127.022    0          0
02947> ;Street-08
02948> Min-54          MH-54          MH-55          43.9       0.013      126.947    126.551    0          0
02949> ;Street-08
02950> Min-55          MH-55          MH-59          42.83      0.013      126.476    125.831    0          0
02951> ;Street-12
02952> Min-56          MH-56          MH-57          42.74      0.013      122.98     122.851    0          0
02953> ;Street-12
02954> Min-57          MH-57          MH-58          45.27      0.013      122.776    122.662    0          0
02955> ;Street-12
02956> Min-58          MH-58          MH-66          10         0.013      122.549    122.528    0          0
02957> ;Street-12
02958> Min-59_1        MH-59          MH_59_1        39.16      0.013      125.751    124.772    0          0
02959> ;Street-12
02960> Min-59_2        MH_59_1        MH-60          32.75      0.013      124.772    123.951    0          0
02961> ;Street-18
02962> Min-6           MH-6           MH-7           54.5       0.013      125.655    125.491    0          0
02963> ;Street-12
02964> Min-60          MH-60          MH-61          70.52      0.013      123.801    123.449    0          0
02965> ;Street-12
02966> Min-61_1        MH-61          MH_61_1        37.81      0.013      123.299    123.11     0          0
02967> ;Street-12
02968> Min-61_2        MH_61_1        MH-62          38.14      0.013      123.11     122.919    0          0
02969> ;Street-12
02970> Min-62_1        MH-62          MH_62_1        49.97      0.013      122.599    122.499    0          0
02971> ;Street-12
02972> Min-62_2        MH_62_1        MH-63          40.395     0.013      122.499    122.418    0          0
02973> ;Street-12
02974> Min-63          MH-63          MH-65          63.247     0.013      122.418    122.291    0          0
02975> ;Street-12
02976> Min-65          MH-65          MH-66          12.94      0.013      122.291    122.265    0          0
02977> ;Street-07
02978> Min-66          MH-66          MH-67          28         0.013      122.115    122.059    0          0
02979> ;Street-07
02980> Min-67          MH-67          MH-68          12.5       0.013      122.059    122.034    0          0
02981> ;Street-27
02982> Min-68          MH-68          MH-680         37         0.013      121.384    121.31     0          0
02983> ;Street-27
02984> Min-680         MH-680         SFBG-4-5       5          0.013      121.31     121.3      0          0
02985> ;Street-07
02986> Min-69_1        MH-69          MH_69_1        55.74      0.013      123.057    122.778    0          0
02987> ;Street-07
02988> Min-69_2        MH_69_1        MH-70          63.26      0.013      122.778    122.459    0          0
02989> ;Street-17
02990> Min-7_1         MH-7           MH-7_1         38.33      0.013      125.378    125.225    0          0
02991> ;Street-17
02992> Min-7_2         MH-7_1         MH-8           33.67      0.013      125.225    125.09     0          0
02993> ;Street-07
02994> Min-70          MH-70          MH-68          10.11      0.013      122.409    122.359    0          0
02995> ;Street-01
02996> Min-72          MH-72          MH-77          130        0.013      125.149    124.304    0          0
02997> ;Street-01
02998> Min-75_1        MH-75          MH_75_1        40.6       0.013      124.63     124.386    0          0
02999> ;Street-01
03000> Min-75_3        MH_75_1        MH_75_2        50.7       0.013      124.386    124.082    0          0
03001> ;Street-01
03002> Min-75_4        MH_75_2        MH-78          38.7       0.013      124.082    123.85     0          0
03003> Min-77          MH-77          MH-60          68         0.013      124.734    124.326    0          0
03004> ;Street-03
03005> Min-77_1        MH-77          MH_77_1        38.8       0.013      124.154    123.998    0          0
03006> ;Street-03
03007> Min-77_2        MH_77_1        MH-78          37.03      0.013      123.998    123.85     0          0
03008> ;Street-03
03009> Min-78          MH-78          MH-92          67.09      0.013      123.625    123.355    0          0
03010> ;Street-03
03011> Min-79          MH-79          MH-80          86.5       0.013      124.357    123.925    0          0
03012> ;Street-17
03013> Min-8           MH-8           MH-9           48.65      0.013      125.015    124.819    0          0
03014> ;Street-03
03015> Min-80          MH-80          MH-92          59         0.013      123.875    123.58     0          0
03016> Min-800         MH-800         MH-801         15.68      0.013      127.894    127.816    0          0
03017> Min-801         MH-801         MH-802         12.19      0.013      127.766    127.706    0          0
03018> Min-802         MH-802         MH-803         123.69     0.013      127.556    126.936    0          0
03019> Min-803         MH-803         MH-805         14.69      0.013      126.886    126.814    0          0
03020> Min-804         MH-804         MH-805         32.41      0.013      127.046    126.884    0          0
03021> Min-805         MH-805         MH-806         25.08      0.013      126.734    126.609    0          0
03022> Min-806         MH-806         MH-809         26.66      0.013      126.559    126.427    0          0
03023> Min-807         MH-807         MH-808         63.02      0.013      127.342    126.712    0          0
03024> Min-808         MH-808         MH-809         10         0.013      126.662    126.572    0          0
03025> Min-809         OGS_Spill_2    BioSwale-East  20.39      0.013      125.602    125.5      0          0
03026> ;Street-19
```

```
03027> Min-81           MH-81           MH-82           23.5       0.013      124.185    124.091    0          0
03028> ;Street-19
03029> Min-82_1         MH-82           MH_82_1         26.59      0.013      123.941    123.835    0          0
03030> ;Street-19
03031> Min-82_2         MH_82_1         MH-83           18.41      0.013      123.835    123.761    0          0
03032> ;Street-19
03033> Min-83           MH-83           MH-84           8          0.013      123.711    123.675    0          0
03034> ;Street-19
03035> Min-84           MH-84           MH-85           41.873     0.013      123.6      123.411    0          0
03036> ;Street-19
03037> Min-85           MH-85           MH-93           59.054     0.013      123.298    123.062    0          0
03038> ;Street-20
03039> Min-87           MH-87           MH-88           87.83      0.013      122.538    122.318    0          0
03040> ;Street-20
03041> Min-88           MH-88           MH-89           75.55      0.013      122.243    122.091    0          0
03042> ;Street-20
03043> Min-89           MH-89           MH-98           11.83      0.013      122.041    122.017    0          0
03044> ;Street-17
03045> Min-9            MH-9            MH-10           58.91      0.013      124.744    124.508    0          0
03046> ;Street-20
03047> Min-90           MH-90           MH-91           37.2       0.013      124.865    124.49     0          0
03048> ;Street-20
03049> Min-91           MH-91           MH-92           31.88      0.013      124.47     123.43     0          0
03050> ;Street-20
03051> Min-92_1         MH-92           MH_92_1         38.9       0.013      123.13     123.032    0          0
03052> ;Street-20
03053> Min-92_2         MH_92_1         MH-93           32.91      0.013      123.032    122.95     0          0
03054> ;Street-20
03055> Min-93_1         MH-93           MH_93_1         67.14      0.013      122.837    122.602    0          0
03056> ;Street-20
03057> Min-93_2         MH_93_1         MH-94           48.34      0.013      122.602    122.431    0          0
03058> ;Street-20
03059> Min-94_2         MH_94_2         MH-96           50.38      0.013      122.157    121.98     0          0
03060> ;Street-20
03061> Min-94_3         MH-94           MH_94_1         37.39      0.013      122.431    122.3      0          0
03062> ;Street-20
03063> Min-94_4         MH_94_1         MH_94_2         40.73      0.013      122.3      122.157    0          0
03064> ;Street-20
03065> Min-96           MH-96           MH-97           46.68      0.013      121.98     121.816    0          0
03066> ;Street-20
03067> Min-97           MH-97           MH-98           12.37      0.013      121.816    121.77     0          0
03068> ;Street-26
03069> Min-98           MH-98           MH-99           26.18      0.013      121.603    121.444    0          0
03070> ;Street-26
03071> Min-99           MH-99           MH-990          17.5       0.013      121.444    121.339    0          0
03072> ;Street-26
03073> Min-990          MH-990          SFBG-4-5        6.5        0.013      121.339    121.3      0          0
03074> ;Street-34
03075> Min-OGS          OGS             MH-205          10         0.013      127.225    127.199    0          0
03076> RYP-1            RCB-4           MH-49           32.5       0.013      126.76     126.395    0          0
03077> RYP-10           RCB-26          MH-16           54.29      0.013      125.5      124.965    0          0
03078> RYP-11           RCB-36          MH-16           38.21      0.013      125.11     124.7      0          0
03079> RYP-12           RCB-37          MH-19_1         36.43      0.013      124.8      124.43     0          0
03080> RYP-124          RCB-39_2        MH-501          32.11      0.013      123.38     123.33     0          0
03081> RYP-125          RCB-39_3        RCB-39          29.22      0.013      123.07     122.92     0          0
03082> RYP-13           RCB-67          MH_26_1         37.22      0.013      123.94     123.56     0          0
03083> RYP-14           RCB-63          MH-27           37.77      0.013      123.8      123.42     0          0
03084> RYP-143          RYD-143         MH-304          5.782      0.013      120.38     120.34     0          0
03085> RYP-15           RCB-61          MH-27           38.43      0.013      123.66     123.27     0          0
03086> RYP-16           RCB-68          MH-30           45.95      0.013      123.06     122.62     0          0
03087> RYP-17           RCB-64          MH-119          37.4       0.013      123.61     123.24     0          0
03088> RYP-2            RCB-3           MH-7            32.476     0.013      126.73     126.4      0          0
03089> ;100Year Intake
03090> RYP-21           RCB-70          RYD-31          22.5       0.013      124.73     124.63     0          0
03091> RYP-22           RCB-43          MH-32_3         32.43      0.013      124.13     123.8      0          0
03092> RYP-23           RCB-34          MH-32_1         36.82      0.013      125.11     124.74     0          0
03093> RYP-24           RCB-46          MH-32_1         32.89      0.013      124.2      123.87     0          0
03094> RYP-25           RCB-38          MH-62           33.35      0.013      124.36     124.02     0          0
03095> RYP-26           RCB-30          MH_61_1         31.83      0.013      124.61     124.29     0          0
03096> RYP-27           RCB-32          MH_61_1         24.42      0.013      124.3      124.05     0          0
03097> RYP-28           RCB-23          MH-61           33.21      0.013      124.89     124.55     0          0
03098> RYP-29           RCB-22          MH-34_1         32.43      0.013      125.23     124.9      0          0
03099> RYP-3            RCB-2           MH-7_1          32.43      0.013      126.78     126.45     0          0
03100> RYP-30           RCB-20          MH-34_2         32.44      0.013      124.96     124.63     0          0
03101> RYP-31           RCB-13          MH-35           35.09      0.013      126.33     125.97     0          0
03102> RYP-32           RCB-10          MH-36           36.09      0.013      126.12     125.75     0          0
03103> RYP-33           RCB-9           MH-36_1         32.43      0.013      125.86     125.53     0          0
03104> RYP-34           RCB-8           MH-37           33.05      0.013      125.63     125.29     0          0
03105> RYP-35           RCB-7           MH_59_1         19.66      0.013      125.87     125.67     0          0
03106> RYP-36           RCB-51          MH-69           37.15      0.013      123.88     123.5      0          0
03107> RYP-37           RCB-52          MH_69_1         37.2       0.013      123.98     123.6      0          0
03108> RYP-38           RCB-54          MH-70           39.15      0.013      123.86     123.46     0          0
03109> RYP-39           RCB-42          MH-503          33         0.013      123.61     123.445    0          0
03110> RYP-4            RCB-1           MH-8            35.55      0.013      127.02     126.66     0          0
03111> RYP-40           RCB-44          MH-5010         10         0.013      122.82     122.77     0          0
03112> RYP-41           RCB-45          MH-502          65.253     0.013      123.4      123.235    0          0
03113> RYP-42           RCB-47          MH-502          36.101     0.013      123.81     123.645    0          0
03114> RYP-43           RCB-6           MH-77           33.3       0.013      125.62     125.28     0          0
03115> RYP-44           RCB-5           MH_77_1         32.43      0.013      125.38     125.05     0          0
```

```
03116> RYP-45           RCB-41          MH-500          35.08     0.013     123.84    123.49    0         0
03117> RYP-46           RCB-40          MH-500          32.5      0.013     123.8     123.64    0         0
03118> RYP-47           RCB-39          MH-501          31.38     0.013     122.89    122.84    0         0
03119> RYP-48           RCB-27          MH_75_1         36.42     0.013     125.41    125.04    0         0
03120> RYP-49           RCB-19          MH_75_2         36.43     0.013     125.21    124.84    0         0
03121> RYP-5            RCB-12          MH-120          39.86     0.013     126.38    126.06    0         0
03122> RYP-50           RCB-31          MH-82           32.41     0.013     124.35    124.069   0         0
03123> RYP-51           RCB-28          MH_82_1         32.43     0.013     124.31    123.985   0         0
03124> RYP-52           RCB-21          MH-83           36.56     0.013     124.37    123.995   0         0
03125> RYP-53           RCB-18          MH-84           33.985    0.013     124.59    124.24    0         0
03126> RYP-54           RCB-29          MH-85           40.122    0.013     124.5     124.09    0         0
03127> RYP-55           RCB-16          MH-85           34.419    0.013     124.37    124.02    0         0
03128> RYP-56           RCB-73          MH_92_1         15.98     0.013     124.42    124.26    0         0
03129> RYP-57           RCB-17          MH_92_1         32.35     0.013     124.7     124.37    0         0
03130> RYP-58           RCB-25          MH-93           36.48     0.013     124.36    123.99    0         0
03131> RYP-59           RCB-33          MH_93_1         33.36     0.013     124.5     124.16    0         0
03132> RYP-6            RCB-11          MH-12           31.93     0.013     126.19    125.87    0         0
03133> RYP-60           RCB-35          MH_93_1         38.07     0.013     123.99    123.61    0         0
03134> ;100Year Intake
03135> RYP-61           RCB-72          MH-504          15        0.013     121.6     121.45    0         0
03136> RYP-62           RCB-48          MH-505          35.75     0.013     123.04    122.68    0         0
03137> RYP-63           RCB-50          MH-505          35        0.013     122.97    122.62    0         0
03138> RYP-64           RCB-55          MH-506          35        0.013     123.04    122.69    0         0
03139> RYP-65           RCB-56          MH-507          35.5      0.013     122.66    122.305   0         0
03140> RYP-66           RCB-58          MH-507          37        0.013     122.63    122.26    0         0
03141> RYP-67           RCB-59          MH-510          38.44     0.013     122.53    122.15    0         0
03142> RYP-68           RCB-60          MH-509          34.5      0.013     122.47    122.125   0         0
03143> RYP-69           RCB-62          MH-509          35        0.013     122.44    122.09    0         0
03144> RYP-7            RCB-14          MH-12_1         32.25     0.013     126.14    125.81    0         0
03145> RYP-70           RCB-65          MH-509          36        0.013     122.41    122.05    0         0
03146> RYP-71           RCB-66          MH-508          44.196    0.013     122.38    122.02    0         0
03147> RYP-72           RCB-69          MH-508          35.134    0.013     122.35    121.995   0         0
03148> ;RYD-34
03149> RYP-74           RYD-24          LID97           27.5      0.013     124.62    124.47    0         0
03150> RYP-8            RCB-15          MH-13           34.55     0.013     126.09    125.74    0         0
03151> RYP-9            RCB-24          MH-14_1         26.66     0.013     125.38    125.116   0         0
03152> RYS-100          RYD-18          RCB-18          17.98     0.035     126.68    126.04    0         0
03153> RYS-101          RYD-19          RCB-18          20.71     0.035     126.48    126.04    0         0
03154> RYS-102          RYD-19          RCB-16          33.69     0.035     126.48    125.82    0         0
03155> RYS-103          RYD-20          RCB-16          18.78     0.035     126.22    125.82    0         0
03156> RYS-104          RYD-20          RCB-73          12.49     0.035     126.22    125.87    0         0
03157> RYS-107          RYD-26          RYD-27          19.8      0.035     125.22    125.17    0         0
03158> RYS-108          RYD-26          RYD-25          62.1      0.035     125.22    124.82    0         0
03159> RYS-109          RYD-25          RYD-24          39.11     0.035     124.82    124.62    0         0
03160> RYS-110          RYD-27          RYD-28          28.59     0.035     125.17    125.07    0         0
03161> RYS-111          RYD-28          RYD-29          24.9      0.035     125.07    124.95    0         0
03162> RYS-112          RYD-29          RYD-30          24.9      0.035     124.95    124.82    0         0
03163> RYS-113          RYD-30          RCB-70          16.99     0.035     124.82    124.73    0         0
03164> RYS-114          RYD-31          RYD-32          26.12     0.035     124.63    124.5     0         0
03165> RYS-115          RYD-32          RYD-33          25.52     0.035     124.5     124.38    0         0
03166> RYS-116          RYD-33          RYD-34          27.22     0.035     124.38    124.25    0         0
03167> RYS-117          RYD-34          RYD-35          25        0.035     124.25    124.12    0         0
03168> RYS-118          RYD-36          RYD-37          12.8      0.035     124.34    124.28    0         0
03169> RYS-119          RYD-35          RYD-36          22.83     0.035     124.12    124.06    0         0
03170> RYS-120          RYD-37          RYD-38          29.3      0.035     124.28    124.14    0         0
03171> RYS-121          RYD-38          RCB-72          24.68     0.035     124.14    124.14    0         0
03172> RYS-126          RYD-52          Maj-112         23.52     0.035     126.43    125.934   0         0
03173> RYS-127          RYD-52          RCB-17          12.23     0.035     126.43    126.15    0         0
03174> RYS-128          RYD-51          RCB-17          17.87     0.035     126.49    126.15    0         0
03175> RYS-129          RYD-51          RCB-25          30.3      0.035     126.49    125.81    0         0
03176> RYS-130          RYD-50          RCB-25          24.14     0.035     126.39    125.81    0         0
03177> RYS-131          RYD-50          RCB-33          23.34     0.035     126.39    125.95    0         0
03178> RYS-132          RYD-49          RCB-33          25        0.035     126.28    125.95    0         0
03179> RYS-133          RYD-49          RCB-39_3        23.8      0.035     126.28    124.57    0         0
03180> RYS-134          RYD-47          RCB-39_3        14.67     0.035     125.1     124.57    0         0
03181> RYS-135          RCB-39          RYD-47          14.1      0.035     124.96    125.1     0         0
03182> RYS-136          RYD-41          RCB-23          24.64     0.035     126.94    126.34    0         0
03183> RYS-137          RYD-42          RCB-23          16.69     0.035     126.69    126.34    0         0
03184> RYS-138          RYD-42          RCB-30          26.4      0.035     126.69    126.06    0         0
03185> RYS-139          RYD-43          RCB-30          17.81     0.035     126.4     126.06    0         0
03186> RYS-140          RYD-43          RCB-38          27.73     0.035     126.4     125.81    0         0
03187> RYS-141          RYD-44          RCB-38          30.5      0.035     126.42    125.81    0         0
03188> RYS-142          RYD-44          RCB-41          20.5      0.035     126.42    124.74    0         0
03189> RYS-143          RYD-45          RCB-41          21.47     0.035     125.09    124.74    0         0
03190> RYS-144          RYD-45          RCB-40          18.21     0.035     125.09    124.7     0         0
03191> RYS-145          RYD-46          RCB-40          10        0.035     125.05    124.7     0         0
03192> RYS-146          RYD-46          RCB-39_2        15.61     0.035     125.05    124.88    0         0
03193> RYS-147          RCB-39          RCB-39_2        11        0.035     124.96    124.88    0         0
03194> RYS-148          RCB-39          RYD-36          23.95     0.035     124.96    124.06    0         0
03195> RYS-149          RCB-39_3        RYD-38          23.79     0.035     124.57    124.2     0         0
03196> RYS-150          RYD-41          RYD-53          10        0.035     126.94    127.08    0         0
03197> RYS-151          RYD-53          Maj-144         29.87     0.035     127.08    126.382   0         0
03198> RYS-152          RCB-23          RYD-54          13.83     0.035     126.34    126.64    0         0
03199> RYS-153          RYD-54          Maj-120         23.74     0.035     126.64    126.038   0         0
03200> RYS-154          RCB-41          RYD-33          22.17     0.035     124.74    124.38    0         0
03201> RYS-155          RYD-55          RCB-47          25.73     0.035     125.3     124.71    0         0
03202> RYS-156          RYD-56          RCB-47          19.53     0.035     124.89    124.71    0         0
03203> RYS-157          RYD-56          RCB-45          21.52     0.035     124.89    124.3     0         0
03204> RYS-158          RYD-57          RCB-45          12.11     0.035     124.57    124.3     0         0
```

03205> RYS-159	RYD-57	RCB-44	12.06	0.035	124.57	124.33	0	0
03206> RYS-160	RYD-58	RCB-44	21.93	0.035	124.86	124.32	0	0
03207> RYS-161	RYD-58	RCB-42	19.6	0.035	124.86	124.51	0	0
03208> RYS-162	RYD-38	RCB-42	10	0.035	124.14	124.44	0	0
03209> RYS-163	RYD-59	RCB-64	21.41	0.035	125.52	125.06	0	0
03210> RYS-164	RYD-60	RCB-64	16.03	0.035	125.33	125.06	0	0
03211> RYS-165	RYD-60	RYD-61	15.55	0.035	125.33	125.41	0	0
03212> RYS-166	RYD-61	RYD-62	28.98	0.035	125.41	124.68	0	0
03213> RYS-167	RCB-68	RYD-62	10	0.035	124.51	124.68	0	0
03214> RYS-168	RCB-68	RYD-63	12.58	0.035	124.51	124.82	0	0
03215> RYS-169	RYD-63	Maj-3	29.42	0.035	124.82	124.11	0	0
03216> RYS-170	RYD-62	RYD-64	14.1	0.035	124.68	125.04	0	0
03217> RYS-171	RYD-64	Maj-5	31.49	0.035	125.04	124.234	0	0
03218> RYS-182	RYD-72	RCB-61	15.51	0.035	125.41	125.11	0	0
03219> RYS-183	RYD-73	RCB-61	25.16	0.035	125.6	125.11	0	0
03220> RYS-184	RYD-73	RCB-63	16.35	0.035	125.6	125.25	0	0
03221> RYS-185	RYD-74	RCB-63	23.56	0.035	125.71	125.25	0	0
03222> RYS-186	RYD-74	RCB-67	11.39	0.035	125.71	125.39	0	0
03223> RYS-187	RYD-75	RCB-67	24.95	0.035	125.91	125.39	0	0
03224> RYS-188	RYD-77	RCB-63	14.1	0.035	125.54	123.8	0	0
03225> RYS-189	RYD-77	Maj-38	21.38	0.035	125.54	125.048	0	0
03226> RYS-190	RYD-76	RYD-75	10.6	0.035	125.96	125.91	0	0
03227> RYS-191	RYD-76	Maj-49	24.43	0.035	125.96	125.196	0	0
03228> RYS-192	RYD-72	Maj-22	21.33	0.035	125.41	124.858	0	0
03229> RYS-193	RYD-80	RCB-46	29.21	0.035	126.3	125.7	0	0
03230> RYS-194	RYD-79	RCB-46	21.95	0.035	126.28	125.7	0	0
03231> RYS-195	RYD-79	RCB-43	24.32	0.035	126.28	125.63	0	0
03232> RYS-196	RYD-78	RCB-43	25.31	0.035	126.01	125.63	0	0
03233> RYS-197	RYD-83	RCB-32	13.23	0.035	125.96	125.75	0	0
03234> RYS-198	RYD-82	RCB-32	32.33	0.035	126.38	125.75	0	0
03235> RYS-199	RYD-82	RCB-34	17.07	0.035	126.38	126.01	0	0
03236> RYS-200	RYD-81	RCB-34	22.86	0.035	126.44	126.01	0	0
03237> RYS-201	RYD-84	RCB-34	14.97	0.035	126.31	126.01	0	0
03238> RYS-202	RYD-84	Maj-108	21.07	0.035	126.31	125.852	0	0
03239> RYS-203	RYD-83	Maj-109	10	0.035	125.96	125.852	0	0
03240> RYS-204	RYD-86	RCB-27	34.51	0.035	127.53	126.86	0	0
03241> RYS-205	RYD-85	RCB-27	18.77	0.035	127.25	126.86	0	0
03242> RYS-206	RYD-85	RCB-19	31.03	0.035	127.25	126.66	0	0
03243> RYS-207	RYD-87	RCB-19	14.36	0.035	126.96	126.66	0	0
03244> RYS-208	RYD-87	Maj-151	26.7	0.035	126.96	126.486	0	0
03245> RYS-209	RYD-88	RCB-27	14.42	0.035	127.16	125.41	0	0
03246> RYS-210	RYD-88	Maj-161	21.44	0.035	127.16	126.686	0	0
03247> RYS-211	RYD-89	RCB-5	11.87	0.035	127.05	126.83	0	0
03248> RYS-212	RYD-94	RCB-5	14.35	0.035	127.12	126.83	0	0
03249> RYS-213	RYD-94	Maj-167_1	20.17	0.035	127.12	126.6	0	0
03250> RYS-214	RYD-90	RCB-5	28.76	0.035	127.43	126.83	0	0
03251> RYS-215	RYD-90	RCB-6	16.73	0.035	127.43	127.07	0	0
03252> RYS-216	RYD-91	RCB-6	19.94	0.035	127.73	127.07	0	0
03253> RYS-217	RYD-93	RCB-6	14.31	0.035	127.36	127.07	0	0
03254> RYS-218	RYD-93	Maj-167	22.99	0.035	127.36	126.79	0	0
03255> RYS-219	RYD-91	RCB-7	21.07	0.035	127.73	127.32	0	0
03256> RYS-220	RYD-92	RCB-7	15.83	0.035	127.47	127.32	0	0
03257> RYS-221	RYD-92	Maj-174_1	20.12	0.035	127.47	126.81	0	0
03258> RYS-222	RYD-95	RCB-22	34.4	0.035	127.34	126.82	0	0
03259> RYS-223	RYD-96	RCB-22	15.74	0.035	127.01	126.82	0	0
03260> RYS-224	RYD-96	RCB-20	31.04	0.035	127.01	126.41	0	0
03261> RYS-225	RYD-97	RCB-20	14.3	0.035	126.71	126.41	0	0
03262> RYS-226	RYD-97	Maj-125	20.73	0.035	126.71	126.12	0	0
03263> RYS-227	RYD-98	RCB-22	13.98	0.035	126.98	126.82	0	0
03264> RYS-228	RYD-98	Maj-148	20.61	0.035	126.98	126.456	0	0
03265> RYS-229	RYD-107	RCB-13	20.61	0.035	128.21	127.78	0	0
03266> RYS-230	RYD-105	RCB-13	18.09	0.035	128.18	127.78	0	0
03267> RYS-231	RYD-105	RCB-10	31.39	0.035	128.18	127.57	0	0
03268> RYS-232	RYD-103	RCB-10	17.45	0.035	127.94	127.57	0	0
03269> RYS-233	RYD-103	RCB-9	30.44	0.035	127.94	127.31	0	0
03270> RYS-234	RYD-101	RCB-9	18.73	0.035	127.67	127.31	0	0
03271> RYS-235	RYD-101	RCB-8	28.28	0.035	127.67	127.08	0	0
03272> RYS-236	RYD-99	RCB-8	23.02	0.035	127.52	127.08	0	0
03273> RYS-237	RYD-100	RCB-8	14.37	0.035	127.38	127.08	0	0
03274> RYS-238	RYD-100	Maj-168	25.77	0.035	127.38	126.816	0	0
03275> RYS-239	RYD-102	RCB-9	14.15	0.035	127.61	127.31	0	0
03276> RYS-240	RYD-102	Maj-184	20.75	0.035	127.61	127.122	0	0
03277> RYS-241	RYD-104	RCB-10	14.22	0.035	127.87	127.57	0	0
03278> RYS-242	RYD-104	Maj-200	23.92	0.035	127.87	127.422	0	0
03279> RYS-243	RYD-106	RCB-13	14.03	0.035	128.08	127.78	0	0
03280> RYS-244	RYD-106	Maj-194	32.98	0.035	128.08	127.31	0	0
03281> RYS-245	RYD-108	RCB-24	25.41	0.035	127.32	126.38	0	0
03282> RYS-246	RYD-108	RCB-26	16.46	0.035	127.32	126.95	0	0
03283> RYS-247	RYD-109	RCB-26	15.23	0.035	127.25	126.95	0	0
03284> RYS-248	RYD-109	RCB-36	35.38	0.035	127.25	126.56	0	0
03285> RYS-249	RCB-36	RCB-37	23.18	0.035	126.56	126.25	0	0
03286> RYS-250	RYD-111	RCB-24	10	0.035	128.08	126.38	0	0
03287> RYS-251	RYD-111	Maj-156	20.31	0.035	128.08	126.59	0	0
03288> RYS-252	RYD-110	RCB-37	14.49	0.035	126.47	126.25	0	0
03289> RYS-253	RYD-110	Maj-113	28.71	0.035	126.47	125.914	0	0
03290> RYS-254	RYD-116	RCB-4	13.79	0.035	128.44	128.21	0	0
03291> RYS-255	RYD-115	RCB-4	25.63	0.035	128.71	128.21	0	0
03292> RYS-256	RYD-115	RCB-3	28.14	0.035	128.71	128.18	0	0
03293> RYS-257	RYD-114	RCB-3	19.18	0.035	128.58	128.18	0	0

```
03294> RYS-258          RYD-114          RCB-2            15.94      0.035      128.58     128.23     0          0
03295> RYS-259          RYD-113          RCB-2            32.05      0.035      128.85     128.23     0          0
03296> RYS-260          RYD-113          RCB-1            17.43      0.035      128.85     128.47     0          0
03297> RYS-261          RYD-112          RCB-1            16.19      0.035      128.81     128.47     0          0
03298> RYS-262          RYD-116          Maj-207          22.58      0.035      128.44     127.82     0          0
03299> RYS-263          RYD-119          RCB-3            14.05      0.035      128.37     128.16     0          0
03300> RYS-264          RYD-119          Maj-206          20.62      0.035      128.37     127.788    0          0
03301> RYS-265          RYD-118          RCB-2            14.41      0.035      128.5      128.23     0          0
03302> RYS-266          RYD-117          RCB-1            15.33      0.035      128.77     128.47     0          0
03303> RYS-267          RYD-117          Maj-212          25.2       0.035      128.77     128.142    0          0
03304> RYS-268          RYD-118          Maj-206_1        20.2       0.035      128.5      127.992    0          0
03305> RYS-269          RYD-123          RCB-15           10.36      0.035      127.81     127.54     0          0
03306> RYS-270          RYD-123          Maj-185          27.98      0.035      127.81     127.142    0          0
03307> RYS-271          RYD-122          RCB-15           24.55      0.035      128.01     127.54     0          0
03308> RYS-272          RYD-122          RCB-14           22.25      0.035      128.01     127.59     0          0
03309> RYS-273          RYD-124          RCB-14           14.3       0.035      127.82     127.59     0          0
03310> RYS-274          RYD-121          RCB-14           30.27      0.035      128.22     127.59     0          0
03311> RYS-275          RYD-124          Maj-183          24.51      0.035      127.82     127.116    0          0
03312> RYS-276          RYD-121          RCB-11           22.95      0.035      128.22     127.64     0          0
03313> RYS-277          RYD-125          RCB-11           13.98      0.035      127.87     127.64     0          0
03314> RYS-278          RYD-120          RCB-11           30.96      0.035      128.28     127.64     0          0
03315> RYS-279          RYD-120          RCB-12           23.41      0.035      128.28     127.83     0          0
03316> RYS-280          RYD-126          RCB-12           14.2       0.035      128.08     127.83     0          0
03317> RYS-281          RYD-126          Maj-201          20.78      0.035      128.08     127.532    0          0
03318> RYS-282          RYD-125          Maj-201_1        20.53      0.035      127.87     127.302    0          0
03319> RYS-283          RYD-127          RCB-48           38.99      0.035      125        124.24     0          0
03320> RYS-284          RYD-128          RCB-48           14.04      0.035      124.54     124.24     0          0
03321> RYS-285          RYD-128          RCB-50           24.28      0.035      124.54     124.07     0          0
03322> RYS-286          RYD-129          RCB-50           13.92      0.035      124.37     124.07     0          0
03323> RYS-287          RYD-129          RCB-55           11.63      0.035      124.37     124.04     0          0
03324> RYS-288          RYD-130          RCB-55           14.17      0.035      124.34     124.04     0          0
03325> RYS-289          RYD-130          RCB-56           39.43      0.035      124.34     123.56     0          0
03326> RYS-290          RYD-131          RCB-56           14.21      0.035      123.86     123.56     0          0
03327> RYS-291          RYD-131          RCB-58           16.21      0.035      123.86     123.53     0          0
03328> RYS-292          RYD-132          RCB-58           14.18      0.035      123.83     123.53     0          0
03329> RYS-293          RYD-132          RCB-59           20.27      0.035      123.83     123.43     0          0
03330> RYS-294          RYD-133          RCB-59           13.99      0.035      123.73     123.43     0          0
03331> RYS-295          RYD-133          RCB-60           15.94      0.035      123.73     123.37     0          0
03332> RYS-296          RYD-134          RCB-60           13.98      0.035      123.82     123.37     0          0
03333> RYS-297          RYD-134          RCB-62           13.41      0.035      123.82     123.34     0          0
03334> RYS-298          RYD-135          RCB-62           14.09      0.035      123.79     123.34     0          0
03335> RYS-299          RYD-135          RCB-65           13.39      0.035      123.79     123.31     0          0
03336> RYS-300          RYD-136          RCB-65           13.9       0.035      123.61     123.31     0          0
03337> RYS-301          RYD-136          RCB-66           13.48      0.035      123.61     123.28     0          0
03338> RYS-302          RYD-137          RCB-66           13.97      0.035      123.58     123.28     0          0
03339> RYS-303          RYD-137          RCB-69           13.89      0.035      123.58     123.25     0          0
03340> RYS-304          RYD-138          RCB-69           13.99      0.035      123.55     123.25     0          0
03341> RYS-305          RCB-143          RYD-138          12.85      0.035      124.07     123.55     0          0
03342> RYS-306          RCB-143          Maj-277          16.323     0.035      124.07     124.305    0          0
03343> RYS-307          RYD-36           RCB-44           10         0.035      124.06     124.06     0          0
03344> RYS-74           RYD-5            RYD-2            10.7       0.035      126.01     125.8      0          0
03345> RYS-75           RYD-2            RCB-54           27.32      0.035      125.8      125.18     0          0
03346> RYS-76           RYD-3            RCB-54           23.23      0.035      125.98     125.18     0          0
03347> RYS-77           RYD-8            RCB-52           21.58      0.035      125.95     125.43     0          0
03348> RYS-78           RYD-6            RCB-52           13.99      0.035      125.73     125.43     0          0
03349> RYS-79           RYD-3            RCB-52           29.67      0.035      125.98     125.43     0          0
03350> RYS-80           RYD-8            RCB-51           32.05      0.035      125.95     125.33     0          0
03351> RYS-81           RYD-4            Maj-48           20.71      0.035      125.67     125.196    0          0
03352> RYS-82           RYD-4            RCB-51           14.68      0.035      125.67     125.33     0          0
03353> RYS-83           RYD-6            Maj-47           22.08      0.035      125.73     125.186    0          0
03354> RYS-84           RYD-7            RCB-54           13.57      0.035      125.48     125.31     0          0
03355> RYS-85           RYD-7            Maj-31           21.43      0.035      125.48     124.986    0          0
03356> RYS-86           RYD-9            RCB-29           19.23      0.035      126.36     125.95     0          0
03357> RYS-87           RYD-10           RCB-29           23.18      0.035      126.53     125.95     0          0
03358> RYS-88           RYD-10           RCB-35           37.14      0.035      126.53     125.49     0          0
03359> RYS-89           RYD-11           RCB-35           23.48      0.035      125.87     125.49     0          0
03360> RYS-90           RYD-12           RCB-29           14.07      0.035      126.25     125.95     0          0
03361> RYS-91           RYD-12           Maj-100          22.68      0.035      126.25     125.698    0          0
03362> RYS-93           RYD-14           RCB-31           10         0.035      126.04     125.85     0          0
03363> RYS-94           RYD-15           RCB-31           11.57      0.035      126.08     125.85     0          0
03364> RYS-95           RYD-15           RCB-28           13.98      0.035      126.08     125.81     0          0
03365> RYS-96           RYD-16           RCB-28           21.18      0.035      126.19     125.81     0          0
03366> RYS-97           RYD-16           RCB-21           15.82      0.035      126.19     125.76     0          0
03367> RYS-98           RYD-17           RCB-21           18.44      0.035      126.25     125.76     0          0
03368> RYS-99           RYD-17           RYD-18           21.01      0.035      126.25     126.68     0          0
03369>
03370> [ORIFICES]
03371> ;;               Inlet            Outlet           Orifice    Crest      Disch.     Flap Open/Close
03372> ;;Name           Node             Node             Type       Height     Coeff.     Gate Time
03373> ;;-------------- ---------------- ---------------- ---------- ---------- ---------- ---- ----------
03374> ;200Ø PVC STAND PIPE FOR OVERFLOW
03375> ABGR02           Trench-BronteRoad Enclave_Out     BOTTOM     126.6      0.65       NO   0
03376> ;Taken from BG FSR Modelling
03377> Qual1            SFBG-4-5         MH-401           SIDE       121.2      0.62       NO   0
03378> ;Taken from BG FSR Modelling
03379> Quan1            SFBG-4-5         MH-401           SIDE       122        0.62       NO   0
03380>
03381> [WEIRS]
03382> ;;               Inlet            Outlet           Weir       Crest      Disch.     Flap End      End
```

```
03383> ;;Name           Node            Node            Type          Height     Coeff.     Gate Con.     Coeff.     Surc
03384> ;;-------------- --------------- --------------- ------------ ---------- ---------- ---- -------- ---------- ----
03385> Emer1            SFBG-4-5        MH-403          TRANSVERSE    124.8      1.8        NO   2        0          YES
03386> Emer2            SFBG-4-5        Maj-7           TRANSVERSE    124.8      1.58       NO   0        0          YES
03387> ;Street-33
03388> Min-205_2        BioSwale-West   To_E690         TRANSVERSE    127.2      1.58       NO   0        0          YES
03389> ;Assumed 2.4m MH at this location
03390> OGS_Overflow     MH-204          OGS_Spill       TRANSVERSE    127.88     1.8        NO   2        0          NO
03391> Quan2            SFBG-4-5        MH-402          TRANSVERSE    124.55     1.8        NO   2        0          YES
03392> Quan3            SFBG-4-5        MH-401          TRANSVERSE    124.55     1.8        NO   2        0          YES
03393> Quan4            SFBG-4-5        MH-400          TRANSVERSE    124.55     1.8        NO   2        0          YES
03394> SEnclave_Out     BioSwale-East   To_E643         TRANSVERSE    125.9      1.58       NO   0        0          YES
03395> W2               MH-809          OGS_Spill_2     TRANSVERSE    125.95     1.8        NO   0        0          NO
03396>
03397> [OUTLETS]
03398> ;;              Inlet           Outlet          Outflow    Outlet          Qcoeff/                    Flap
03399> ;;Name          Node            Node            Height     Type            QTable           Qexpon    Gate
03400> ;;-------------- --------------- --------------- ---------- --------------- ---------------- --------- ----
03401> A010DV1-5yr      A010DV1-Onsite  MH-10           128.266    TABULAR/DEPTH   A010DV1-Onsite             YES
03402> A032SC1-5yr      A032SC1-Onsite  MH-31           125.852    TABULAR/DEPTH   A032SC1-Onsite             YES
03403> A034SC1-5yr      A034SC1-onsite  MH-33           126.544    TABULAR/DEPTH   A034SC1-Onsite             YES
03404> A052DV1-5yr      A052DV1-Onsite  MH-52           128.454    TABULAR/DEPTH   A052DV1-Onsite             YES
03405> A058PK1-5yr      Trench-BGPark   MH-58           123.3      TABULAR/DEPTH   A058PK1-Onsite             YES
03406> A058PK1-Infiltrate Trench-BGPark  A058PK1-Out     122.3      TABULAR/DEPTH   BG_Park-Infiltrate-Curve
03407> A059PK1-5yr      A059PK1-Onsite  MH-59           128.122    TABULAR/HEAD    A059PK1-Onsite             YES
03408> A079DV1-5yr      A079DV1-Onsite  MH-79           126.28     TABULAR/DEPTH   A079DV1-Onsite             YES
03409> A201DV1-5yr      A201DV1-Onsite  MH-201          130.364    TABULAR/DEPTH   A201DV1-Onsite             YES
03410> ABG02-Infiltrate Trench-BronteRoad ABG02-Out     125.6      TABULAR/DEPTH   BronteRoad-Infiltrate           NO
03411> ACREEKPK1-Infiltrate Trench-UrbanSquare ACREEKPK1-Out 125    TABULAR/DEPTH   UrbanSquare-Infiltrate          NO
03412> BioSwale-East-Infiltrate BioSwale-East NorthFut-Out 125.5    TABULAR/DEPTH   BioSwale-East-Infiltrate
03413> BioSwale-West-Infiltrate BioSwale-West NorthStreet-Out 126.8 TABULAR/DEPTH   BioSwaleWest-Infiltrate          N
03414> B-Road_10yr2     B-Road_Spill2   Trench-BronteRoad 127.09    TABULAR/HEAD    BronteRoad-10YrCapture2          Y
03415> OL1              Maj-207         MH-49           127.82     TABULAR/DEPTH   1-DCB                      YES
03416> OL10             Maj-99          MH-113          125.702    TABULAR/DEPTH   2-DCB                      YES
03417> OL11             Maj-50          MH-20           125.196    TABULAR/DEPTH   1-DCB_1-CB                 YES
03418> OL12             Maj-34          MH-116          125.055    TABULAR/DEPTH   2-DCB                      YES
03419> OL13             Maj-18          MH-22           124.8      TABULAR/DEPTH   2-CB                       YES
03420> OL14             Maj-43          MH-25           125.214    TABULAR/DEPTH   0.5%Slope_1-CB             YES
03421> OL15             Maj-19          MH-27           124.808    TABULAR/DEPTH   2-DCB                      YES
03422> OL16             Maj-6           MH-106          124.405    TABULAR/DEPTH   DCB-Half_Street            YES
03423> ;Changed from 2-DCB to 2-CB
03424> OL17             Maj-0           MH-28           123.802    TABULAR/DEPTH   2xICD-A                    YES
03425> OL18             Maj-20          MH-56           124.812    TABULAR/DEPTH   1-CB                       YES
03426> OL19             Maj-12          MH-119          124.706    TABULAR/DEPTH   2-DCB                      YES
03427> OL2              Maj-206         MH-7            127.788    TABULAR/DEPTH   DCB-Half_Street            YES
03428> OL20             Maj-8           MH-87           124.506    TABULAR/DEPTH   2-DCB                      YES
03429> OL21             Maj-277         MH-105          124.305    TABULAR/DEPTH   Street100yrCapture           YES
03430> OL22             Maj-24          MH-98           124.907    TABULAR/DEPTH   2-DCB                      YES
03431> OL23             Maj-39          MH_94_2         125.074    TABULAR/DEPTH   1-CB                       YES
03432> OL24             Maj-37          MH_94_2         125.078    TABULAR/DEPTH   1-DCB_1-CB                 YES
03433> OL25             Maj-41          MH_94_1         125.084    TABULAR/DEPTH   2-CB                       YES
03434> OL26             Maj-23          MH-67           124.872    TABULAR/DEPTH   1-DCB                      YES
03435> OL27             Maj-54          MH-58           125.228    TABULAR/DEPTH   CB-Half_Street             YES
03436> OL28             Maj-68          MH-63           125.344    TABULAR/DEPTH   2-CB                       YES
03437> OL29             Maj-69          MH_62_1         125.352    TABULAR/DEPTH   2-CB                       YES
03438> OL3              Maj-195         MH-120          127.356    TABULAR/DEPTH   1-CB                       YES
03439> OL30             Maj-84          MH-62           125.608    TABULAR/DEPTH   1-DCB_1-CB                 YES
03440> OL31             Maj-105         MH-32           125.814    TABULAR/DEPTH   1-CB                       YES
03441> OL32             Maj-111         MH-34_2         125.876    TABULAR/DEPTH   1-DCB_1-CB                 YES
03442> OL33             Maj-153         MH_59_1         126.54     TABULAR/DEPTH   2-DCB                      YES
03443> OL34             Maj-234         MH-55           129.1      TABULAR/DEPTH   1-DCB_1-CB                 YES
03444> OL35             Maj-241         MH-44           129.387    TABULAR/DEPTH   2-CB                       YES
03445> OL36             Maj-239         MH-45           129.316    TABULAR/DEPTH   2-CB                       YES
03446> OL37             Maj-233         MH-51           129.036    TABULAR/DEPTH   1-DCB_1-CB                 YES
03447> OL38             Maj-141         MH-90           126.372    TABULAR/DEPTH   2-DCB                      YES
03448> OL39             Maj-118         MH-92           125.998    TABULAR/DEPTH   1-DCB_1-CB                 YES
03449> OL4              Maj-217         MH-9            128.268    TABULAR/DEPTH   1-DCB_1-CB                 YES
03450> OL40             Maj-119         MH-80           126.012    TABULAR/DEPTH   2-CB                       YES
03451> OL41             Maj-81          MH-85           125.466    TABULAR/DEPTH   2-DCB                      YES
03452> OL42             Maj-87          MH-93           125.591    TABULAR/DEPTH   DCB-Half_Street            YES
03453> OL43             Maj-16          MH-117_1        124.806    TABULAR/DEPTH   1-DCB_1-CB                 YES
03454> OL44             Maj-247         MH-40           129.6      TABULAR/DEPTH   2-CB                       YES
03455> OL45             Maj-221         MH-59           128.422    TABULAR/DEPTH   CB-Half_Street             YES
03456> OL46             Maj-136         MH_75_2         126.266    TABULAR/DEPTH   2-DCB                      YES
03457> OL47             Maj-159         MH-77           126.626    TABULAR/DEPTH   2-CB                       YES
03458> OL48             Maj-266         MH-201          130.671    TABULAR/DEPTH   2-DCB                      YES
03459> OL49             Maj-256         MH-204          130.191    TABULAR/DEPTH   4-DCB                      YES
03460> OL5              Maj-186         MH-12           127.168    TABULAR/DEPTH   1-DCB_1-CB                 YES
03461> OL50             Maj-237         MH-109          129.242    TABULAR/DEPTH   1.0%Slope_1-CB             YES
03462> OL51             Maj-229         MH-109          128.76     TABULAR/DEPTH   1.0%Slope_2-CB             YES
03463> OL52             Maj-224         MH-3            128.532    TABULAR/DEPTH   0.5%Slope_1-CB             YES
03464> OL53             Maj-218         MH_1_1          128.306    TABULAR/DEPTH   0.5%Slope_2-CB             YES
03465> OL54             Maj-203         MH-6            127.626    TABULAR/DEPTH   0.5%Slope_2-CB             YES
03466> OL55             Maj-165         MH-14           126.758    TABULAR/DEPTH   0.5%Slope_1-CB             YES
03467> OL56             Maj-156         MH-14_1         126.59     TABULAR/DEPTH   0.5%Slope_1-CB             YES
03468> OL57             Maj-135         MH-17           126.266    TABULAR/DEPTH   0.5%Slope_1-CB             YES
03469> OL58             Maj-124         MH-18           126.106    TABULAR/DEPTH   0.5%Slope_1-CB             YES
03470> OL59             Maj-104         MH-113          125.814    TABULAR/DEPTH   0.5%Slope_1-CB             YES
03471> OL6              Maj-181         MH-13           127.084    TABULAR/DEPTH   1-DCB_1-CB                 YES
```

```
03472> OL60             Maj-140          MH-112           126.387    TABULAR/DEPTH    1.0%Slope_2-CB              YES
03473> OL61             Maj-66           MH-115           125.373    TABULAR/DEPTH    0.5%Slope_1-CB              YES
03474> OL62             Maj-33           MH-117           125.053    TABULAR/DEPTH    0.5%Slope_1-CB              YES
03475> OL63             Maj-57           MH-21            125.24     TABULAR/DEPTH    0.5%Slope_2-CB              YES
03476> OL64             Maj-4            MH-106           124.224    TABULAR/DEPTH    2.0%Slope_2-CB              YES
03477> OL65             Maj-10           MH_105_1         124.566    TABULAR/DEPTH    0.5%Slope_1-CB              YES
03478> OL66             Maj-46           MH-88            125.206    TABULAR/DEPTH    0.5%Slope_1-CB              YES
03479> OL67             Maj-72           MH-94            125.435    TABULAR/DEPTH    0.5%Slope_2-CB              YES
03480> OL68             Maj-100          MH-85            125.698    TABULAR/DEPTH    0.5%Slope_2-CB              YES
03481> OL69             Maj-123          MH-82            126.104    TABULAR/DEPTH    0.5%Slope_2-CB              YES
03482> OL7              Maj-213          MH-11            128.164    TABULAR/DEPTH    1-DCB_1-CB                  YES
03483> OL70             Maj-138          MH-79            126.346    TABULAR/DEPTH    0.5%Slope_2-CB              YES
03484> OL71             Maj-129          MH-92            126.209    TABULAR/DEPTH    0.5%Slope_1-CB              YES
03485> OL72             Maj-163          MH-90            126.744    TABULAR/DEPTH    1.0%Slope_1-CB              YES
03486> OL73             Maj-149          MH_77_1          126.466    TABULAR/DEPTH    1.0%Slope_1-CB              YES
03487> OL74             Maj-166          MH-75            126.786    TABULAR/DEPTH    0.5%Slope_2-CB              YES
03488> OL75             Maj-176          MH-72            126.968    TABULAR/DEPTH    0.5%Slope_2-CB              YES
03489> OL76             Maj-251          MH-48            130.086    TABULAR/DEPTH    2.0%Slope_2-CB              YES
03490> OL77             Maj-249          MH-43            130.01     TABULAR/DEPTH    2.0%Slope_2-CB              YES
03491> OL78             Maj-279          MH-59            128.544    TABULAR/DEPTH    2.0%Slope_1-CB              YES
03492> OL79             Maj-278          MH-40            130.202    TABULAR/DEPTH    1.0%Slope_1-CB              YES
03493> OL8              Maj-214          MH-52            128.17     TABULAR/DEPTH    1-DCB_1-CB                  YES
03494> OL80             Maj-184          MH-36_1          127.122    TABULAR/DEPTH    0.5%Slope_2-CB              YES
03495> OL81             Maj-168          MH-37            126.816    TABULAR/DEPTH    0.5%Slope_1-CB              YES
03496> OL82             Maj-132          MH-60            126.222    TABULAR/DEPTH    1.0%Slope_1-CB              YES
03497> OL83             Maj-86           MH-62            125.544    TABULAR/DEPTH    0.5%Slope_1-CB              YES
03498> OL84             Maj-238          MH-55            129.264    TABULAR/DEPTH    0.5%Slope_1-CB              YES
03499> OL85             Maj-212          MH-8             128.142    TABULAR/DEPTH    0.5%Slope_1-CB              YES
03500> OL86             Maj-63           MH-503           125.306    TABULAR/DEPTH    0.5%Slope_2-CB              YES
03501> OL87             Maj-302          MH-808           129.479    TABULAR/DEPTH    2-DCB                       YES
03502> OL88             Maj-309          MH-805           129.77     TABULAR/DEPTH    2-DCB                       YES
03503> OL89             Maj-311          MH-802           130.288    TABULAR/DEPTH    0.5%Slope_2-CB              YES
03504> OL9              Maj-182          MH-111           127.092    TABULAR/DEPTH    1-DCB_1-CB                  YES
03505> OL91             Maj-273          MH-202           130.564    TABULAR/DEPTH    0.5%Slope_1-CB              YES
03506> OL92             B-Road_Spill     Enclave_Out      128.84     TABULAR/HEAD     BronteRoad-10YrCapture          YE
03507> OL93             Maj-78           MH_62_1          125.444    TABULAR/DEPTH    1-CB                        YES
03508> OL94             Maj-157          MH-34_1          126.592    TABULAR/DEPTH    0.5%Slope_1-CB              NO
03509> OL95             Maj-114          MH-32            125.92     TABULAR/DEPTH    0.5%Slope_1-CB              NO
03510> OL96             Maj-107          MH-31            125.848    TABULAR/DEPTH    0.5%Slope_2-CB              NO
03511> OL97             Maj-160          MH-33            126.65     TABULAR/DEPTH    0.5%Slope_2-CB              NO
03512> Trail-LID-10East-Infiltrate Trench-Trail-10East Trail-LID-10East-Out 120.5 TABULAR/DEPTH Trail-LID-10East-Infiltrat
03513> Trail-LID-10West-Infiltrate Trench-Trail-10West Trail-LID-10West-Out 120.5 TABULAR/DEPTH Trail-LID-10West-Infiltrat
03514> Trail-LID-1-Infiltrate Trench-Trail-1 Trail-LID-1-Out 127.85  TABULAR/DEPTH    Trail-LID-1-Infiltrate          NO
03515> Trail-LID-2-Infiltrate Trench-Trail-2 Trail-LID-2-Out 124.35  TABULAR/DEPTH    Trail-LID-2-Infiltrate          NO
03516> Trail-LID-3-Infiltrate Trench-Trail-3 Trail-LID-3-Out 124     TABULAR/DEPTH    Trail-LID-3-Infiltrate          NO
03517> Trail-LID-4-East-Infiltrate Trench-Trail-4East Trail-LID-4-East-Out 125.05 TABULAR/DEPTH Trail-LID-4-Infiltrate-Eas
03518> Trail-LID-4-West-Infiltrate Trench-Trail-4West Trail-LID-4-West-Out 125.05 TABULAR/DEPTH Trail-LID-4-Infiltrate-Eas
03519> Trail-LID-5-Infiltration Trench-Trail-5 Trail-LID-5-Out 122.1 TABULAR/DEPTH    Trail-LID-5-Infiltrate          NO
03520> Trail-LID-6-Infiltrate Trench-Trail--6 Trail-LID-6-Out 122.1  TABULAR/DEPTH    Trail-LID-6-Infiltrate          NO
03521> Trail-LID-7-Infiltrate Trench-Trail-7 Trail-LID-7-Out 124.1   TABULAR/DEPTH    Trail-LID-7-Infiltrate          NO
03522> Trail-LID-8-Infiltrate Trench-Trail-8 Trail-LID-8-Out 123.3   TABULAR/DEPTH    Trail-LID-8-Infiltrate          NO
03523> Trail-LID-9-Infiltrate Trench-Trail-9 Trail-LID-9-Out 121     TABULAR/DEPTH    Trail-LID-9-Infiltrate          NO
03524>
03525> [XSECTIONS]
03526> ;;Link           Shape        Geom1            Geom2      Geom3      Geom4      Barrels
03527> ;;-------------- ------------ ---------------- ---------- ---------- ---------- ----------
03528> A006PK1-Spill    IRREGULAR    Rear_Yard_Swale  0          0          0          1
03529> A010DV1-Spill    IRREGULAR    Rear_Yard_Swale  0          0          0          1
03530> A032SC1-Spill    IRREGULAR    Rear_Yard_Swale  0          0          0          1
03531> A034SC1-Spill    IRREGULAR    Rear_Yard_Swale  0          0          0          1
03532> A052DV1-Spill    IRREGULAR    Rear_Yard_Swale  0          0          0          1
03533> A058PK1-Spill    IRREGULAR    Rear_Yard_Swale  0          0          0          1
03534> A059PK1-Spill    IRREGULAR    Rear_Yard_Swale  0          0          0          1
03535> A079DV1-Spill    IRREGULAR    Rear_Yard_Swale  0          0          0          1
03536> A201DV1-spill    IRREGULAR    Rear_Yard_Swale  0          0          0          1
03537> ACREEKPK1-Pipe   CIRCULAR     0.25             0          0          0          1
03538> ACREEKPK-CreekDummy DUMMY     0                0          0          0          1
03539> B-Road_Spill     IRREGULAR    3m_Path          0          0          0          1
03540> B-Road_Spill2    IRREGULAR    3m_Path          0          0          0          1
03541> C10              IRREGULAR    Rear_Yard_Swale  0          0          0          1
03542> C3               IRREGULAR    Rear_Yard_Swale  0          0          0          1
03543> C4               IRREGULAR    Rear_Yard_Swale  0          0          0          1
03544> C5               IRREGULAR    Rear_Yard_Swale  0          0          0          1
03545> C6               IRREGULAR    Rear_Yard_Swale  0          0          0          1
03546> C7               IRREGULAR    Rear_Yard_Swale  0          0          0          1
03547> C8               IRREGULAR    Rear_Yard_Swale  0          0          0          1
03548> C9               IRREGULAR    Rear_Yard_Swale  0          0          0          1
03549> Enclave_Out      IRREGULAR    Rear_Yard_Swale  0          0          0          1
03550> LID_Enclave      IRREGULAR    Rear_Yard_Swale  0          0          0          1
03551> LID1             TRIANGULAR   0.5              3          0          0          1
03552> LID10            TRIANGULAR   0.5              3          0          0          1
03553> LID100           TRIANGULAR   0.5              3          0          0          1
03554> LID101           TRIANGULAR   0.5              3          0          0          1
03555> LID102           TRIANGULAR   0.5              3          0          0          1
03556> LID103           TRIANGULAR   0.5              3          0          0          1
03557> LID104           TRIANGULAR   0.5              3          0          0          1
03558> LID105           TRIANGULAR   0.5              3          0          0          1
03559> LID106           TRIANGULAR   0.5              3          0          0          1
03560> LID107           TRIANGULAR   0.5              3          0          0          1
```

```
03561> LID108           TRIANGULAR   0.5          3          0          0          1
03562> LID109           TRIANGULAR   0.5          3          0          0          1
03563> LID11            TRIANGULAR   0.5          3          0          0          1
03564> LID110           TRIANGULAR   0.5          3          0          0          1
03565> LID111           TRIANGULAR   0.5          3          0          0          1
03566> LID12            TRIANGULAR   0.5          3          0          0          1
03567> LID13            TRIANGULAR   0.5          3          0          0          1
03568> LID14            TRIANGULAR   0.5          3          0          0          1
03569> LID15            TRIANGULAR   0.5          3          0          0          1
03570> LID16            TRIANGULAR   0.5          3          0          0          1
03571> LID17            TRIANGULAR   0.5          3          0          0          1
03572> LID18            TRIANGULAR   0.5          3          0          0          1
03573> LID19            CIRCULAR     0.3          0          0          0          1
03574> LID2             TRIANGULAR   0.5          3          0          0          1
03575> LID20            CIRCULAR     0.3          0          0          0          1
03576> LID21            TRIANGULAR   0.5          3          0          0          1
03577> LID22            TRIANGULAR   0.5          3          0          0          1
03578> LID23            TRIANGULAR   0.5          3          0          0          1
03579> LID24            TRIANGULAR   0.5          3          0          0          1
03580> LID25            TRIANGULAR   0.5          3          0          0          1
03581> LID26            TRIANGULAR   0.5          3          0          0          1
03582> LID27            TRIANGULAR   0.5          3          0          0          1
03583> LID28            TRIANGULAR   0.5          3          0          0          1
03584> LID29            TRIANGULAR   0.5          3          0          0          1
03585> LID3             CIRCULAR     0.3          0          0          0          1
03586> LID30            TRIANGULAR   0.5          3          0          0          1
03587> LID31            TRIANGULAR   0.5          3          0          0          1
03588> LID32            TRIANGULAR   0.5          3          0          0          1
03589> LID33            TRIANGULAR   0.5          3          0          0          1
03590> LID34            CIRCULAR     0.3          0          0          0          1
03591> LID35            CIRCULAR     0.4          0          0          0          1
03592> LID36            TRIANGULAR   0.5          3          0          0          1
03593> LID37            CIRCULAR     0.4          0          0          0          1
03594> LID38            TRIANGULAR   0.5          3          0          0          1
03595> LID39            TRIANGULAR   0.5          3          0          0          1
03596> LID4             TRIANGULAR   0.5          3          0          0          1
03597> LID40            CIRCULAR     0.4          0          0          0          1
03598> LID41            TRIANGULAR   0.5          3          0          0          1
03599> LID42            TRIANGULAR   0.5          3          0          0          1
03600> LID43            TRIANGULAR   0.5          3          0          0          1
03601> LID44            TRIANGULAR   0.5          3          0          0          1
03602> LID45            TRIANGULAR   0.5          3          0          0          1
03603> LID46            TRIANGULAR   0.5          3          0          0          1
03604> LID47            TRIANGULAR   0.5          3          0          0          1
03605> LID48            TRIANGULAR   0.5          3          0          0          1
03606> LID49            TRIANGULAR   0.5          3          0          0          1
03607> LID5             TRIANGULAR   0.5          3          0          0          1
03608> LID50            CIRCULAR     0.3          0          0          0          1
03609> LID51            CIRCULAR     0.3          0          0          0          1
03610> LID52            TRIANGULAR   0.5          3          0          0          1
03611> LID53            TRIANGULAR   0.5          3          0          0          1
03612> LID54            TRIANGULAR   0.5          3          0          0          1
03613> LID55            TRIANGULAR   0.5          3          0          0          1
03614> LID56            TRIANGULAR   0.5          3          0          0          1
03615> LID57            TRIANGULAR   0.5          3          0          0          1
03616> LID58            TRIANGULAR   0.5          3          0          0          1
03617> LID59            CIRCULAR     0.3          0          0          0          1
03618> LID6             TRIANGULAR   0.5          3          0          0          1
03619> LID60            TRIANGULAR   0.5          3          0          0          1
03620> LID61            CIRCULAR     0.3          0          0          0          1
03621> LID62            TRIANGULAR   0.5          3          0          0          1
03622> LID63            TRIANGULAR   0.5          3          0          0          1
03623> LID64            TRIANGULAR   0.5          3          0          0          1
03624> LID65            TRIANGULAR   0.5          3          0          0          1
03625> LID66            TRIANGULAR   0.5          3          0          0          1
03626> LID67            TRIANGULAR   0.5          3          0          0          1
03627> LID68            TRIANGULAR   0.5          3          0          0          1
03628> LID69            TRIANGULAR   0.5          3          0          0          1
03629> LID7             TRIANGULAR   0.5          3          0          0          1
03630> LID70            TRIANGULAR   0.5          3          0          0          1
03631> LID71            TRIANGULAR   0.5          3          0          0          1
03632> LID72            TRIANGULAR   0.5          3          0          0          1
03633> LID73            TRIANGULAR   0.5          3          0          0          1
03634> LID74            TRIANGULAR   0.5          3          0          0          1
03635> LID75            TRIANGULAR   0.5          3          0          0          1
03636> LID76            TRIANGULAR   0.5          3          0          0          1
03637> LID77            CIRCULAR     0.4          0          0          0          1
03638> LID78            TRIANGULAR   0.5          3          0          0          1
03639> LID79            TRIANGULAR   0.5          3          0          0          1
03640> LID8             TRIANGULAR   0.5          3          0          0          1
03641> LID80            TRIANGULAR   0.5          3          0          0          1
03642> LID81            TRIANGULAR   0.5          3          0          0          1
03643> LID82            TRIANGULAR   0.5          3          0          0          1
03644> LID83            TRIANGULAR   0.5          3          0          0          1
03645> LID84            TRIANGULAR   0.5          3          0          0          1
03646> LID85            TRIANGULAR   0.5          3          0          0          1
03647> LID86            TRIANGULAR   0.5          3          0          0          1
03648> LID87            TRIANGULAR   0.5          3          0          0          1
03649> LID88            TRIANGULAR   0.5          3          0          0          1
```

```
03650> LID89            TRIANGULAR   0.5             3          0          0          1
03651> LID9             TRIANGULAR   0.5             3          0          0          1
03652> LID90            TRIANGULAR   0.5             3          0          0          1
03653> LID91            TRIANGULAR   0.5             3          0          0          1
03654> LID92            TRIANGULAR   0.5             3          0          0          1
03655> LID93            TRIANGULAR   0.5             3          0          0          1
03656> LID94            TRIANGULAR   0.5             3          0          0          1
03657> LID95            CIRCULAR     0.375           0          0          0          1
03658> LID96            TRIANGULAR   0.5             3          0          0          1
03659> LID97            CIRCULAR     0.3             0          0          0          1
03660> LID98            TRIANGULAR   0.5             3          0          0          1
03661> LID99            TRIANGULAR   0.5             3          0          0          1
03662> Maj_Out_Creek1   IRREGULAR    3m_Path         0          0          0          1
03663> Maj_Out_Creek2   IRREGULAR    3m_Path         0          0          0          1
03664> Maj_Out_Creek3   IRREGULAR    3m_Path         0          0          0          1
03665> Maj_Out_Creek4   IRREGULAR    3m_Path         0          0          0          1
03666> Maj_Out_CreekN-1 IRREGULAR    3m_Path         0          0          0          1
03667> Maj_Out_CreekN-2 IRREGULAR    Rear_Yard_Swale 0          0          0          1
03668> Maj_Out_Enclave-S1 IRREGULAR  Rear_Yard_Swale 0          0          0          1
03669> Maj_Out_Enclave-S2 IRREGULAR  Rear_Yard_Swale 0          0          0          1
03670> Maj_Over_East_1  IRREGULAR    3m_Path         0          0          0          1
03671> Maj_Over_East_2  IRREGULAR    3m_Path         0          0          0          1
03672> Maj_Over-South1  IRREGULAR    3m_Path         0          0          0          1
03673> Maj_Over-South2  IRREGULAR    3m_Path         0          0          0          1
03674> Maj_Over-West1   IRREGULAR    3m_Path         0          0          0          1
03675> Maj_Over-West2   IRREGULAR    3m_Path         0          0          0          1
03676> Maj-0            IRREGULAR    17m_ROW         0          0          0          1
03677> Maj-1            IRREGULAR    20m_ROW         0          0          0          1
03678> Maj-10           IRREGULAR    17m_ROW         0          0          0          1
03679> Maj-100          IRREGULAR    17m_ROW         0          0          0          1
03680> Maj-101          IRREGULAR    17m_ROW         0          0          0          1
03681> Maj-102          IRREGULAR    17m_ROW         0          0          0          1
03682> Maj-103          IRREGULAR    17m_ROW         0          0          0          1
03683> Maj-104          IRREGULAR    19m_ROW         0          0          0          1
03684> Maj-105          IRREGULAR    19m_ROW         0          0          0          1
03685> Maj-106          IRREGULAR    17m_ROW         0          0          0          1
03686> Maj-107          IRREGULAR    17m_ROW         0          0          0          1
03687> Maj-108          IRREGULAR    17m_ROW         0          0          0          1
03688> Maj-109          IRREGULAR    19m_ROW         0          0          0          1
03689> Maj-11           IRREGULAR    17m_ROW         0          0          0          1
03690> Maj-110          IRREGULAR    19m_ROW         0          0          0          1
03691> Maj-111          IRREGULAR    17m_ROW         0          0          0          1
03692> Maj-112_1        IRREGULAR    17m_ROW         0          0          0          1
03693> Maj-112_2        IRREGULAR    17m_ROW         0          0          0          1
03694> Maj-113          IRREGULAR    19m_ROW         0          0          0          1
03695> Maj-114          IRREGULAR    17m_ROW         0          0          0          1
03696> Maj-115          IRREGULAR    17m_ROW         0          0          0          1
03697> Maj-116          IRREGULAR    17m_ROW         0          0          0          1
03698> Maj-117          IRREGULAR    17m_ROW         0          0          0          1
03699> Maj-118          IRREGULAR    17m_ROW         0          0          0          1
03700> Maj-119          IRREGULAR    17m_ROW         0          0          0          1
03701> Maj-12           IRREGULAR    24m_ROW         0          0          0          1
03702> Maj-120          IRREGULAR    17m_ROW         0          0          0          1
03703> Maj-121          IRREGULAR    17m_ROW         0          0          0          1
03704> Maj-122          IRREGULAR    17m_ROW         0          0          0          1
03705> Maj-123          IRREGULAR    17m_ROW         0          0          0          1
03706> Maj-124          IRREGULAR    17m_ROW         0          0          0          1
03707> Maj-125          IRREGULAR    17m_ROW         0          0          0          1
03708> Maj-126          IRREGULAR    17m_ROW         0          0          0          1
03709> Maj-127          IRREGULAR    17m_ROW         0          0          0          1
03710> Maj-128          IRREGULAR    17m_ROW         0          0          0          1
03711> Maj-129          IRREGULAR    17m_ROW         0          0          0          1
03712> Maj-13           IRREGULAR    24m_ROW         0          0          0          1
03713> Maj-130          IRREGULAR    17m_ROW         0          0          0          1
03714> Maj-131          IRREGULAR    16m_ROW         0          0          0          1
03715> Maj-132          IRREGULAR    17m_ROW         0          0          0          1
03716> Maj-133          IRREGULAR    17m_ROW         0          0          0          1
03717> Maj-134          IRREGULAR    16m_ROW         0          0          0          1
03718> Maj-135          IRREGULAR    19m_ROW         0          0          0          1
03719> Maj-136          IRREGULAR    19m_ROW         0          0          0          1
03720> Maj-137          IRREGULAR    17m_ROW         0          0          0          1
03721> Maj-138          IRREGULAR    17m_ROW         0          0          0          1
03722> Maj-139          IRREGULAR    17m_ROW         0          0          0          1
03723> Maj-14           IRREGULAR    24m_ROW         0          0          0          1
03724> Maj-140          IRREGULAR    16m_ROW         0          0          0          1
03725> Maj-141          IRREGULAR    17m_ROW         0          0          0          1
03726> Maj-142          IRREGULAR    22m_ROW         0          0          0          1
03727> Maj-143          IRREGULAR    19m_ROW         0          0          0          1
03728> Maj-144          IRREGULAR    17m_ROW         0          0          0          1
03729> Maj-145          IRREGULAR    17m_ROW         0          0          0          1
03730> Maj-146          IRREGULAR    17m_ROW         0          0          0          1
03731> Maj-147          IRREGULAR    22m_ROW         0          0          0          1
03732> Maj-149          IRREGULAR    16m_ROW         0          0          0          1
03733> Maj-15           IRREGULAR    24m_ROW         0          0          0          1
03734> Maj-150          IRREGULAR    17m_ROW         0          0          0          1
03735> Maj-151          IRREGULAR    17m_ROW         0          0          0          1
03736> Maj-152          IRREGULAR    17m_ROW         0          0          0          1
03737> Maj-153          IRREGULAR    17m_ROW         0          0          0          1
03738> Maj-154          IRREGULAR    17m_ROW         0          0          0          1
```

03739> Maj-156	IRREGULAR	17m_ROW	0	0	0	1
03740> Maj-157	IRREGULAR	17m_ROW	0	0	0	1
03741> Maj-158	IRREGULAR	17m_ROW	0	0	0	1
03742> Maj-159	IRREGULAR	17m_ROW	0	0	0	1
03743> Maj-16	IRREGULAR	17m_ROW	0	0	0	1
03744> Maj-160	IRREGULAR	22m_ROW	0	0	0	1
03745> Maj-161	IRREGULAR	22m_ROW	0	0	0	1
03746> Maj-162	IRREGULAR	17m_ROW	0	0	0	1
03747> Maj-163	IRREGULAR	17m_ROW	0	0	0	1
03748> Maj-164	IRREGULAR	17m_ROW	0	0	0	1
03749> Maj-165	IRREGULAR	17m_ROW	0	0	0	1
03750> Maj-166	IRREGULAR	17m_ROW	0	0	0	1
03751> Maj-167	IRREGULAR	17m_ROW	0	0	0	1
03752> Maj-168	IRREGULAR	17m_ROW	0	0	0	1
03753> Maj-17	IRREGULAR	24m_ROW	0	0	0	1
03754> Maj-170	IRREGULAR	17m_ROW	0	0	0	1
03755> Maj-171	IRREGULAR	17m_ROW	0	0	0	1
03756> Maj-172	IRREGULAR	17m_ROW	0	0	0	1
03757> Maj-173	IRREGULAR	11m_ROW	0	0	0	1
03758> Maj-174	IRREGULAR	17m_ROW	0	0	0	1
03759> Maj-175	IRREGULAR	17m_ROW	0	0	0	1
03760> Maj-176	IRREGULAR	17m_ROW	0	0	0	1
03761> Maj-177	IRREGULAR	17m_ROW	0	0	0	1
03762> Maj-178	IRREGULAR	17m_ROW	0	0	0	1
03763> Maj-179_1	IRREGULAR	17m_ROW	0	0	0	1
03764> Maj-179_2	IRREGULAR	17m_ROW	0	0	0	1
03765> Maj-180_1	IRREGULAR	17m_ROW	0	0	0	1
03766> Maj-180_2	IRREGULAR	17m_ROW	0	0	0	1
03767> Maj-181	IRREGULAR	17m_ROW	0	0	0	1
03768> Maj-182	IRREGULAR	17m_ROW	0	0	0	1
03769> Maj-183	IRREGULAR	17m_ROW	0	0	0	1
03770> Maj-184	IRREGULAR	17m_ROW	0	0	0	1
03771> Maj-185	IRREGULAR	24m_ROW	0	0	0	1
03772> Maj-186	IRREGULAR	17m_ROW	0	0	0	1
03773> Maj-187	IRREGULAR	17m_ROW	0	0	0	1
03774> Maj-188	IRREGULAR	17m_ROW	0	0	0	1
03775> Maj-189	IRREGULAR	17m_ROW	0	0	0	1
03776> Maj-19	IRREGULAR	17m_ROW	0	0	0	1
03777> Maj-190	IRREGULAR	17m_ROW	0	0	0	1
03778> Maj-191	IRREGULAR	17m_ROW	0	0	0	1
03779> Maj-192	IRREGULAR	17m_ROW	0	0	0	1
03780> Maj-193	IRREGULAR	17m_ROW	0	0	0	1
03781> Maj-194	IRREGULAR	19m_ROW	0	0	0	1
03782> Maj-195	IRREGULAR	19m_ROW	0	0	0	1
03783> Maj-196	IRREGULAR	19m_ROW	0	0	0	1
03784> Maj-197	IRREGULAR	19m_ROW	0	0	0	1
03785> Maj-198	IRREGULAR	19m_ROW	0	0	0	1
03786> Maj-199	IRREGULAR	19m_ROW	0	0	0	1
03787> Maj-2	IRREGULAR	20m_ROW	0	0	0	1
03788> Maj-20	IRREGULAR	24m_ROW	0	0	0	1
03789> Maj-200	IRREGULAR	19m_ROW	0	0	0	1
03790> Maj-201	IRREGULAR	16m_ROW	0	0	0	1
03791> Maj-202	IRREGULAR	17m_ROW	0	0	0	1
03792> Maj-203	IRREGULAR	16m_ROW	0	0	0	1
03793> Maj-204	IRREGULAR	16m_ROW	0	0	0	1
03794> Maj-205	IRREGULAR	16m_ROW	0	0	0	1
03795> Maj-206	IRREGULAR	16m_ROW	0	0	0	1
03796> Maj-208	IRREGULAR	17m_ROW	0	0	0	1
03797> Maj-209	IRREGULAR	19m_ROW	0	0	0	1
03798> Maj-21	IRREGULAR	19m_ROW	0	0	0	1
03799> Maj-210	IRREGULAR	19m_ROW	0	0	0	1
03800> Maj-211	IRREGULAR	22m_ROW	0	0	0	1
03801> Maj-212	IRREGULAR	22m_ROW	0	0	0	1
03802> Maj-213	IRREGULAR	17m_ROW	0	0	0	1
03803> Maj-214	IRREGULAR	17m_ROW	0	0	0	1
03804> Maj-215	IRREGULAR	17m_ROW	0	0	0	1
03805> Maj-216	IRREGULAR	17m_ROW	0	0	0	1
03806> Maj-217	IRREGULAR	17m_ROW	0	0	0	1
03807> Maj-218	IRREGULAR	17m_ROW	0	0	0	1
03808> Maj-219	IRREGULAR	17m_ROW	0	0	0	1
03809> Maj-22	IRREGULAR	17m_ROW	0	0	0	1
03810> Maj-220	IRREGULAR	22m_ROW	0	0	0	1
03811> Maj-221	IRREGULAR	17m_ROW	0	0	0	1
03812> Maj-222	IRREGULAR	17m_ROW	0	0	0	1
03813> Maj-223	IRREGULAR	17m_ROW	0	0	0	1
03814> Maj-224	IRREGULAR	17m_ROW	0	0	0	1
03815> Maj-225	IRREGULAR	17m_ROW	0	0	0	1
03816> Maj-226	IRREGULAR	20m_ROW	0	0	0	1
03817> Maj-227	IRREGULAR	17m_ROW	0	0	0	1
03818> Maj-228	IRREGULAR	20m_ROW	0	0	0	1
03819> Maj-229	IRREGULAR	19m_ROW	0	0	0	1
03820> Maj-23	IRREGULAR	17m_ROW	0	0	0	1
03821> Maj-230	IRREGULAR	17m_ROW	0	0	0	1
03822> Maj-231	IRREGULAR	17m_ROW	0	0	0	1
03823> Maj-232	IRREGULAR	24m_ROW	0	0	0	1
03824> Maj-233	IRREGULAR	17m_ROW	0	0	0	1
03825> Maj-234	IRREGULAR	17m_ROW	0	0	0	1
03826> Maj-235	IRREGULAR	17m_ROW	0	0	0	1
03827> Maj-236	IRREGULAR	17m_ROW	0	0	0	1

```
03828> Maj-237          IRREGULAR    17m_ROW          0          0          0          1
03829> Maj-238          IRREGULAR    17m_ROW          0          0          0          1
03830> Maj-239          IRREGULAR    17m_ROW          0          0          0          1
03831> Maj-24           IRREGULAR    17m_ROW          0          0          0          1
03832> Maj-240          IRREGULAR    17m_ROW          0          0          0          1
03833> Maj-241          IRREGULAR    17m_ROW          0          0          0          1
03834> Maj-242          IRREGULAR    17m_ROW          0          0          0          1
03835> Maj-243          IRREGULAR    17m_ROW          0          0          0          1
03836> Maj-244          IRREGULAR    17m_ROW          0          0          0          1
03837> Maj-245          IRREGULAR    17m_ROW          0          0          0          1
03838> Maj-246          IRREGULAR    17m_ROW          0          0          0          1
03839> Maj-247          IRREGULAR    17m_ROW          0          0          0          1
03840> Maj-248          IRREGULAR    17m_ROW          0          0          0          1
03841> Maj-249          IRREGULAR    17m_ROW          0          0          0          1
03842> Maj-25           IRREGULAR    19m_ROW          0          0          0          1
03843> Maj-250          IRREGULAR    17m_ROW          0          0          0          1
03844> Maj-251          IRREGULAR    17m_ROW          0          0          0          1
03845> Maj-252          IRREGULAR    19m_ROW          0          0          0          1
03846> Maj-253          IRREGULAR    17m_ROW          0          0          0          1
03847> Maj-254          IRREGULAR    17m_ROW          0          0          0          1
03848> Maj-255          IRREGULAR    17m_ROW          0          0          0          1
03849> Maj-256          IRREGULAR    17m_ROW          0          0          0          1
03850> Maj-257          IRREGULAR    17m_ROW          0          0          0          1
03851> Maj-258          IRREGULAR    17m_ROW          0          0          0          1
03852> Maj-259          IRREGULAR    17m_ROW          0          0          0          1
03853> Maj-26           IRREGULAR    19m_ROW          0          0          0          1
03854> Maj-260          IRREGULAR    17m_ROW          0          0          0          1
03855> Maj-261          IRREGULAR    17m_ROW          0          0          0          1
03856> Maj-262          IRREGULAR    17m_ROW          0          0          0          1
03857> Maj-263          IRREGULAR    17m_ROW          0          0          0          1
03858> Maj-264          IRREGULAR    17m_ROW          0          0          0          1
03859> Maj-266          IRREGULAR    16m_ROW          0          0          0          1
03860> Maj-267          IRREGULAR    16m_ROW          0          0          0          1
03861> Maj-268          IRREGULAR    17m_ROW          0          0          0          1
03862> Maj-269          IRREGULAR    16m_ROW          0          0          0          1
03863> Maj-27           IRREGULAR    17m_ROW          0          0          0          1
03864> Maj-270          IRREGULAR    17m_ROW          0          0          0          1
03865> Maj-271          IRREGULAR    24m_ROW          0          0          0          1
03866> Maj-272          IRREGULAR    19m_ROW          0          0          0          1
03867> Maj-273          IRREGULAR    19m_ROW          0          0          0          1
03868> Maj-274          IRREGULAR    19m_ROW          0          0          0          1
03869> Maj-275          IRREGULAR    17m_ROW          0          0          0          1
03870> Maj-276          IRREGULAR    16m_ROW          0          0          0          1
03871> Maj-277          IRREGULAR    17m_ROW          0          0          0          1
03872> Maj-278          IRREGULAR    17m_ROW          0          0          0          1
03873> Maj-279          IRREGULAR    19m_ROW          0          0          0          1
03874> Maj-28           IRREGULAR    17m_ROW          0          0          0          1
03875> Maj-280          IRREGULAR    19m_ROW          0          0          0          1
03876> Maj-281          IRREGULAR    19m_ROW          0          0          0          1
03877> Maj-282          IRREGULAR    17m_ROW          0          0          0          1
03878> Maj-283          IRREGULAR    17m_ROW          0          0          0          1
03879> Maj-284          IRREGULAR    17m_ROW          0          0          0          1
03880> Maj-285          IRREGULAR    17m_ROW          0          0          0          1
03881> Maj-286          IRREGULAR    17m_ROW          0          0          0          1
03882> Maj-287          IRREGULAR    17m_ROW          0          0          0          1
03883> Maj-288          IRREGULAR    17m_ROW          0          0          0          1
03884> Maj-289          IRREGULAR    17m_ROW          0          0          0          1
03885> Maj-29           IRREGULAR    17m_ROW          0          0          0          1
03886> Maj-290          IRREGULAR    17m_ROW          0          0          0          1
03887> Maj-291          IRREGULAR    17m_ROW          0          0          0          1
03888> Maj-292          IRREGULAR    11m_ROW          0          0          0          1
03889> Maj-293          IRREGULAR    11m_ROW          0          0          0          1
03890> Maj-294          IRREGULAR    17m_ROW          0          0          0          1
03891> Maj-295          IRREGULAR    17m_ROW          0          0          0          1
03892> Maj-296          IRREGULAR    17m_ROW          0          0          0          1
03893> Maj-297          IRREGULAR    16m_ROW          0          0          0          1
03894> Maj-298          IRREGULAR    16m_ROW          0          0          0          1
03895> Maj-299          IRREGULAR    24m_ROW          0          0          0          1
03896> Maj-3            IRREGULAR    24m_ROW          0          0          0          1
03897> Maj-30           IRREGULAR    17m_ROW          0          0          0          1
03898> Maj-300          IRREGULAR    17m_ROW          0          0          0          1
03899> Maj-301          IRREGULAR    17m_ROW          0          0          0          1
03900> Maj-303          IRREGULAR    11m_ROW          0          0          0          1
03901> Maj-304          IRREGULAR    11m_ROW          0          0          0          1
03902> Maj-305          IRREGULAR    11m_ROW          0          0          0          1
03903> Maj-306          IRREGULAR    11m_ROW          0          0          0          1
03904> Maj-307          IRREGULAR    11m_ROW          0          0          0          1
03905> Maj-308          IRREGULAR    11m_ROW          0          0          0          1
03906> Maj-309          IRREGULAR    11m_ROW          0          0          0          1
03907> Maj-31           IRREGULAR    24m_ROW          0          0          0          1
03908> Maj-310          IRREGULAR    11m_ROW          0          0          0          1
03909> Maj-311          IRREGULAR    11m_ROW          0          0          0          1
03910> Maj-312          IRREGULAR    11m_ROW          0          0          0          1
03911> Maj-313          IRREGULAR    11m_ROW          0          0          0          1
03912> Maj-314          IRREGULAR    11m_ROW          0          0          0          1
03913> Maj-315          IRREGULAR    11m_ROW          0          0          0          1
03914> Maj-316          CIRCULAR     1                0          0          0          1
03915> Maj-317          IRREGULAR    11m_ROW          0          0          0          1
03916> Maj-32           IRREGULAR    17m_ROW          0          0          0          1
```

```
03917> Maj-33           IRREGULAR    17m_ROW          0          0          0          1
03918> Maj-34           IRREGULAR    19m_ROW          0          0          0          1
03919> Maj-35           IRREGULAR    17m_ROW          0          0          0          1
03920> Maj-36           IRREGULAR    17m_ROW          0          0          0          1
03921> Maj-37           IRREGULAR    17m_ROW          0          0          0          1
03922> Maj-38           IRREGULAR    17m_ROW          0          0          0          1
03923> Maj-39           IRREGULAR    17m_ROW          0          0          0          1
03924> Maj-4            IRREGULAR    19m_ROW          0          0          0          1
03925> Maj-40           IRREGULAR    17m_ROW          0          0          0          1
03926> Maj-41           IRREGULAR    17m_ROW          0          0          0          1
03927> Maj-42           IRREGULAR    19m_ROW          0          0          0          1
03928> Maj-43           IRREGULAR    19m_ROW          0          0          0          1
03929> Maj-44           IRREGULAR    17m_ROW          0          0          0          1
03930> Maj-45           IRREGULAR    17m_ROW          0          0          0          1
03931> Maj-46           IRREGULAR    17m_ROW          0          0          0          1
03932> Maj-47           IRREGULAR    17m_ROW          0          0          0          1
03933> Maj-48           IRREGULAR    17m_ROW          0          0          0          1
03934> Maj-49           IRREGULAR    17m_ROW          0          0          0          1
03935> Maj-5            IRREGULAR    24m_ROW          0          0          0          1
03936> Maj-50           IRREGULAR    17m_ROW          0          0          0          1
03937> Maj-51           IRREGULAR    17m_ROW          0          0          0          1
03938> Maj-53           IRREGULAR    17m_ROW          0          0          0          1
03939> Maj-54           IRREGULAR    17m_ROW          0          0          0          1
03940> Maj-55           IRREGULAR    17m_ROW          0          0          0          1
03941> Maj-56           IRREGULAR    17m_ROW          0          0          0          1
03942> Maj-57           IRREGULAR    17m_ROW          0          0          0          1
03943> Maj-58           IRREGULAR    17m_ROW          0          0          0          1
03944> Maj-59           IRREGULAR    17m_ROW          0          0          0          1
03945> Maj-6            IRREGULAR    24m_ROW          0          0          0          1
03946> Maj-60           IRREGULAR    19m_ROW          0          0          0          1
03947> Maj-61           IRREGULAR    17m_ROW          0          0          0          1
03948> Maj-62           IRREGULAR    17m_ROW          0          0          0          1
03949> Maj-63           IRREGULAR    17m_ROW          0          0          0          1
03950> Maj-64           IRREGULAR    19m_ROW          0          0          0          1
03951> Maj-65           IRREGULAR    19m_ROW          0          0          0          1
03952> Maj-66           IRREGULAR    19m_ROW          0          0          0          1
03953> Maj-67           IRREGULAR    19m_ROW          0          0          0          1
03954> Maj-68           IRREGULAR    19m_ROW          0          0          0          1
03955> Maj-69           IRREGULAR    17m_ROW          0          0          0          1
03956> Maj-7            IRREGULAR    24m_ROW          0          0          0          1
03957> Maj-70           IRREGULAR    17m_ROW          0          0          0          1
03958> Maj-71           IRREGULAR    17m_ROW          0          0          0          1
03959> Maj-72           IRREGULAR    17m_ROW          0          0          0          1
03960> Maj-73           IRREGULAR    19m_ROW          0          0          0          1
03961> Maj-74           IRREGULAR    17m_ROW          0          0          0          1
03962> Maj-75           IRREGULAR    17m_ROW          0          0          0          1
03963> Maj-76           IRREGULAR    17m_ROW          0          0          0          1
03964> Maj-77           IRREGULAR    17m_ROW          0          0          0          1
03965> Maj-78           IRREGULAR    17m_ROW          0          0          0          1
03966> Maj-79           IRREGULAR    17m_ROW          0          0          0          1
03967> Maj-8            IRREGULAR    24m_ROW          0          0          0          1
03968> Maj-80           IRREGULAR    17m_ROW          0          0          0          1
03969> Maj-81           IRREGULAR    16m_ROW          0          0          0          1
03970> Maj-82           IRREGULAR    19m_ROW          0          0          0          1
03971> Maj-83           IRREGULAR    17m_ROW          0          0          0          1
03972> Maj-84           IRREGULAR    17m_ROW          0          0          0          1
03973> Maj-85           IRREGULAR    19m_ROW          0          0          0          1
03974> Maj-86           IRREGULAR    17m_ROW          0          0          0          1
03975> Maj-87           IRREGULAR    17m_ROW          0          0          0          1
03976> Maj-88           IRREGULAR    17m_ROW          0          0          0          1
03977> Maj-89           IRREGULAR    17m_ROW          0          0          0          1
03978> Maj-9            IRREGULAR    24m_ROW          0          0          0          1
03979> Maj-90           IRREGULAR    17m_ROW          0          0          0          1
03980> Maj-91           IRREGULAR    17m_ROW          0          0          0          1
03981> Maj-92           IRREGULAR    17m_ROW          0          0          0          1
03982> Maj-93           IRREGULAR    17m_ROW          0          0          0          1
03983> Maj-94           IRREGULAR    17m_ROW          0          0          0          1
03984> Maj-95_1         IRREGULAR    17m_ROW          0          0          0          1
03985> Maj-95_2         IRREGULAR    17m_ROW          0          0          0          1
03986> Maj-96           IRREGULAR    19m_ROW          0          0          0          1
03987> Maj-97           IRREGULAR    17m_ROW          0          0          0          1
03988> Maj-98           IRREGULAR    17m_ROW          0          0          0          1
03989> Maj-99           IRREGULAR    17m_ROW          0          0          0          1
03990> MH-100           CIRCULAR     0.3              0          0          0          1
03991> MH-101           CIRCULAR     0.3              0          0          0          1
03992> MH-53_1          CIRCULAR     0.3              0          0          0          1
03993> MH-809           CIRCULAR     0.25             0          0          0          1
03994> MH-810           IRREGULAR    Rear_Yard_Swale  0          0          0          1
03995> MH-OGS2          CIRCULAR     0.35             0          0          0          1
03996> Min_Spil_53      CIRCULAR     0.45             0          0          0          1
03997> Min_Spill_1      CIRCULAR     0.45             0          0          0          1
03998> Min_Spill_10     CIRCULAR     0.45             0          0          0          1
03999> Min_Spill_11     CIRCULAR     0.45             0          0          0          1
04000> Min_Spill_12     CIRCULAR     0.45             0          0          0          1
04001> Min_Spill_13     CIRCULAR     0.45             0          0          0          1
04002> Min_Spill_14     IRREGULAR    17m_ROW          0          0          0          1
04003> Min_Spill_15     CIRCULAR     0.45             0          0          0          1
04004> Min_Spill_16     CIRCULAR     0.45             0          0          0          1
04005> Min_Spill_17     CIRCULAR     0.45             0          0          0          1
```

04006> Min_Spill_18	CIRCULAR	0.45	0	0	0	1
04007> Min_Spill_19	CIRCULAR	0.45	0	0	0	1
04008> Min_Spill_2	CIRCULAR	0.45	0	0	0	1
04009> Min_Spill_20	CIRCULAR	0.45	0	0	0	1
04010> Min_Spill_21	CIRCULAR	0.45	0	0	0	1
04011> Min_Spill_22	CIRCULAR	0.45	0	0	0	1
04012> Min_Spill_23	CIRCULAR	0.45	0	0	0	1
04013> Min_Spill_24	CIRCULAR	0.45	0	0	0	1
04014> Min_Spill_25	CIRCULAR	0.45	0	0	0	1
04015> Min_Spill_26	CIRCULAR	0.45	0	0	0	1
04016> Min_Spill_27	CIRCULAR	0.45	0	0	0	1
04017> Min_Spill_28	CIRCULAR	0.45	0	0	0	1
04018> Min_Spill_29	CIRCULAR	0.45	0	0	0	1
04019> Min_Spill_3	CIRCULAR	0.45	0	0	0	1
04020> Min_Spill_30	CIRCULAR	0.45	0	0	0	1
04021> Min_Spill_31	CIRCULAR	0.45	0	0	0	1
04022> Min_Spill_32	CIRCULAR	0.45	0	0	0	1
04023> Min_Spill_33	CIRCULAR	0.45	0	0	0	1
04024> Min_Spill_34	CIRCULAR	0.45	0	0	0	1
04025> Min_Spill_35	CIRCULAR	0.45	0	0	0	1
04026> Min_Spill_36	CIRCULAR	0.45	0	0	0	1
04027> Min_Spill_37	CIRCULAR	0.45	0	0	0	1
04028> Min_Spill_38	CIRCULAR	0.45	0	0	0	1
04029> Min_Spill_39	CIRCULAR	0.45	0	0	0	1
04030> Min_Spill_4	CIRCULAR	0.45	0	0	0	1
04031> Min_Spill_40	CIRCULAR	0.45	0	0	0	1
04032> Min_Spill_41	CIRCULAR	0.45	0	0	0	1
04033> Min_Spill_42	CIRCULAR	0.45	0	0	0	1
04034> Min_Spill_43	CIRCULAR	0.45	0	0	0	1
04035> Min_Spill_44	CIRCULAR	0.45	0	0	0	1
04036> Min_Spill_45	CIRCULAR	0.45	0	0	0	1
04037> Min_Spill_46	CIRCULAR	0.45	0	0	0	1
04038> Min_Spill_47	CIRCULAR	0.45	0	0	0	1
04039> Min_Spill_48	CIRCULAR	0.45	0	0	0	1
04040> Min_Spill_49	CIRCULAR	0.45	0	0	0	1
04041> Min_Spill_5	CIRCULAR	0.45	0	0	0	1
04042> Min_Spill_50	CIRCULAR	0.45	0	0	0	1
04043> Min_Spill_51	CIRCULAR	0.45	0	0	0	1
04044> Min_Spill_52	CIRCULAR	0.45	0	0	0	1
04045> Min_Spill_53	CIRCULAR	0.45	0	0	0	1
04046> Min_Spill_6	CIRCULAR	0.45	0	0	0	1
04047> Min_Spill_7	CIRCULAR	0.45	0	0	0	1
04048> Min_Spill_8	CIRCULAR	0.45	0	0	0	1
04049> Min_Spill_9	CIRCULAR	0.45	0	0	0	1
04050> Min-1_1	CIRCULAR	0.375	0	0	0	1
04051> Min-1_2	CIRCULAR	0.375	0	0	0	1
04052> Min-10	CIRCULAR	0.825	0	0	0	1
04053> Min-105_1	CIRCULAR	0.525	0	0	0	1
04054> Min-105_2	CIRCULAR	0.525	0	0	0	1
04055> Min-106	CIRCULAR	0.675	0	0	0	1
04056> Min-107	CIRCULAR	0.675	0	0	0	1
04057> Min-108	CIRCULAR	0.675	0	0	0	1
04058> Min-109	CIRCULAR	0.525	0	0	0	1
04059> Min-11	CIRCULAR	0.825	0	0	0	1
04060> Min-110	CIRCULAR	1.05	0	0	0	1
04061> Min-111	CIRCULAR	1.05	0	0	0	1
04062> Min-112	CIRCULAR	1.05	0	0	0	1
04063> Min-113	CIRCULAR	1.05	0	0	0	1
04064> Min-114	CIRCULAR	1.05	0	0	0	1
04065> Min-115	CIRCULAR	1.2	0	0	0	1
04066> Min-116	CIRCULAR	1.35	0	0	0	1
04067> Min-117_1	CIRCULAR	1.35	0	0	0	1
04068> Min-117_2	CIRCULAR	1.35	0	0	0	1
04069> Min-118	CIRCULAR	1.35	0	0	0	1
04070> Min-119	CIRCULAR	1.35	0	0	0	1
04071> Min-1190	CIRCULAR	1.35	0	0	0	1
04072> Min-12_1	CIRCULAR	0.525	0	0	0	1
04073> Min-12_2	CIRCULAR	0.525	0	0	0	1
04074> Min-120	CIRCULAR	0.45	0	0	0	1
04075> Min-13	CIRCULAR	0.525	0	0	0	1
04076> Min-14_1	CIRCULAR	0.45	0	0	0	1
04077> Min-14_2	CIRCULAR	0.45	0	0	0	1
04078> Min-16	CIRCULAR	0.525	0	0	0	1
04079> Min-17	CIRCULAR	0.525	0	0	0	1
04080> Min-18	CIRCULAR	0.525	0	0	0	1
04081> Min-19_1	CIRCULAR	0.6	0	0	0	1
04082> Min-19_2	CIRCULAR	0.6	0	0	0	1
04083> Min-2	CIRCULAR	0.45	0	0	0	1
04084> Min-20	CIRCULAR	0.45	0	0	0	1
04085> Min-200_1	CIRCULAR	0.375	0	0	0	1
04086> Min-200_2	CIRCULAR	0.375	0	0	0	1
04087> Min-201	CIRCULAR	0.75	0	0	0	1
04088> Min-202	CIRCULAR	0.75	0	0	0	1
04089> Min-203	CIRCULAR	0.75	0	0	0	1
04090> Min-204	CIRCULAR	0.25	0	0	0	1
04091> Min-204-Over	CIRCULAR	0.975	0	0	0	1
04092> Min-205	CIRCULAR	0.975	0	0	0	1
04093> Min-21	CIRCULAR	0.375	0	0	0	1
04094> Min-22	CIRCULAR	0.45	0	0	0	1

04095> Min-23	CIRCULAR	0.3	0	0	0	1
04096> Min-24	CIRCULAR	0.3	0	0	0	1
04097> Min-25	CIRCULAR	0.525	0	0	0	1
04098> Min-26_1	CIRCULAR	0.525	0	0	0	1
04099> Min-26_2	CIRCULAR	0.525	0	0	0	1
04100> Min-27	CIRCULAR	0.6	0	0	0	1
04101> Min-28	CIRCULAR	0.525	0	0	0	1
04102> Min-29	CIRCULAR	0.525	0	0	0	1
04103> Min-3	CIRCULAR	0.525	0	0	0	1
04104> Min-30	CIRCULAR	0.6	0	0	0	1
04105> Min-302	CIRCULAR	1.5	0	0	0	1
04106> Min-303	CIRCULAR	1.5	0	0	0	1
04107> Min-304	CIRCULAR	1.5	0	0	0	1
04108> Min-31	CIRCULAR	0.525	0	0	0	1
04109> Min-32_1	CIRCULAR	0.75	0	0	0	1
04110> Min-32_3	CIRCULAR	0.75	0	0	0	1
04111> Min-32_4	CIRCULAR	0.75	0	0	0	1
04112> Min-33	CIRCULAR	0.45	0	0	0	1
04113> Min-34_1	CIRCULAR	0.75	0	0	0	1
04114> Min-34_3	CIRCULAR	0.75	0	0	0	1
04115> Min-34_4	CIRCULAR	0.75	0	0	0	1
04116> Min-35	CIRCULAR	0.45	0	0	0	1
04117> Min-36_1	CIRCULAR	0.525	0	0	0	1
04118> Min-36_2	CIRCULAR	0.525	0	0	0	1
04119> Min-37	CIRCULAR	0.525	0	0	0	1
04120> Min-38	CIRCULAR	0.3	0	0	0	1
04121> Min-39	CIRCULAR	0.3	0	0	0	1
04122> Min-4	CIRCULAR	0.375	0	0	0	1
04123> Min-40	CIRCULAR	0.3	0	0	0	1
04124> Min-400	CIRCULAR	0.75	0	0	0	1
04125> Min-401	CIRCULAR	1.5	0	0	0	1
04126> Min-402	CIRCULAR	1.05	0	0	0	1
04127> Min-403	CIRCULAR	0.825	0	0	0	1
04128> Min-41	CIRCULAR	0.3	0	0	0	1
04129> Min-41-1	CIRCULAR	0.3	0	0	0	1
04130> Min-42	CIRCULAR	0.3	0	0	0	1
04131> Min-43	CIRCULAR	0.3	0	0	0	1
04132> Min-44	CIRCULAR	0.3	0	0	0	1
04133> Min-45	CIRCULAR	0.3	0	0	0	1
04134> Min-45_1	CIRCULAR	0.3	0	0	0	1
04135> Min-46	CIRCULAR	0.3	0	0	0	1
04136> Min-47	CIRCULAR	0.3	0	0	0	1
04137> Min-48	CIRCULAR	0.375	0	0	0	1
04138> Min-49	CIRCULAR	0.375	0	0	0	1
04139> Min-5	CIRCULAR	0.45	0	0	0	1
04140> Min-50	CIRCULAR	0.375	0	0	0	1
04141> Min-500	CIRCULAR	0.3	0	0	0	1
04142> Min-501	CIRCULAR	0.375	0	0	0	1
04143> Min-5010	CIRCULAR	0.525	0	0	0	1
04144> Min-502	CIRCULAR	0.3	0	0	0	1
04145> Min-503	CIRCULAR	0.525	0	0	0	1
04146> Min-504	CIRCULAR	0.45	0	0	0	1
04147> Min-505	CIRCULAR	0.675	0	0	0	1
04148> Min-506	CIRCULAR	0.675	0	0	0	1
04149> Min-507	CIRCULAR	0.675	0	0	0	1
04150> Min-508	CIRCULAR	0.3	0	0	0	1
04151> Min-509	CIRCULAR	0.45	0	0	0	1
04152> Min-51	CIRCULAR	0.45	0	0	0	1
04153> Min-510	CIRCULAR	0.45	0	0	0	1
04154> Min-511	CIRCULAR	0.825	0	0	0	1
04155> Min-512	CIRCULAR	0.825	0	0	0	1
04156> Min-514	CIRCULAR	0.825	0	0	0	1
04157> Min-52	CIRCULAR	0.6	0	0	0	1
04158> Min-53	CIRCULAR	0.375	0	0	0	1
04159> Min-54	CIRCULAR	0.45	0	0	0	1
04160> Min-55	CIRCULAR	0.525	0	0	0	1
04161> Min-56	CIRCULAR	0.375	0	0	0	1
04162> Min-57	CIRCULAR	0.45	0	0	0	1
04163> Min-58	CIRCULAR	0.675	0	0	0	1
04164> Min-59_1	CIRCULAR	0.6	0	0	0	1
04165> Min-59_2	CIRCULAR	0.6	0	0	0	1
04166> Min-6	CIRCULAR	0.375	0	0	0	1
04167> Min-60	CIRCULAR	0.9	0	0	0	1
04168> Min-61_1	CIRCULAR	1.05	0	0	0	1
04169> Min-61_2	CIRCULAR	1.05	0	0	0	1
04170> Min-62_1	CIRCULAR	1.35	0	0	0	1
04171> Min-62_2	CIRCULAR	1.35	0	0	0	1
04172> Min-63	CIRCULAR	1.35	0	0	0	1
04173> Min-65	CIRCULAR	1.35	0	0	0	1
04174> Min-66	CIRCULAR	1.5	0	0	0	1
04175> Min-67	CIRCULAR	1.5	0	0	0	1
04176> Min-68	CIRCULAR	1.5	0	0	0	1
04177> Min-680	CIRCULAR	1.5	0	0	0	1
04178> Min-69_1	CIRCULAR	0.525	0	0	0	1
04179> Min-69_2	CIRCULAR	0.525	0	0	0	1
04180> Min-7_1	CIRCULAR	0.6	0	0	0	1
04181> Min-7_2	CIRCULAR	0.6	0	0	0	1
04182> Min-70	CIRCULAR	0.525	0	0	0	1
04183> Min-72	CIRCULAR	0.375	0	0	0	1

```
04184> Min-75_1         CIRCULAR     0.525          0          0          0          1
04185> Min-75_3         CIRCULAR     0.525          0          0          0          1
04186> Min-75_4         CIRCULAR     0.525          0          0          0          1
04187> Min-77           CIRCULAR     0.375          0          0          0          1
04188> Min-77_1         CIRCULAR     0.525          0          0          0          1
04189> Min-77_2         CIRCULAR     0.525          0          0          0          1
04190> Min-78           CIRCULAR     0.75           0          0          0          1
04191> Min-79           CIRCULAR     0.525          0          0          0          1
04192> Min-8            CIRCULAR     0.675          0          0          0          1
04193> Min-80           CIRCULAR     0.525          0          0          0          1
04194> Min-800          CIRCULAR     0.3            0          0          0          1
04195> Min-801          CIRCULAR     0.3            0          0          0          1
04196> Min-802          CIRCULAR     0.45           0          0          0          1
04197> Min-803          CIRCULAR     0.45           0          0          0          1
04198> Min-804          CIRCULAR     0.3            0          0          0          1
04199> Min-805          CIRCULAR     0.45           0          0          0          1
04200> Min-806          CIRCULAR     0.45           0          0          0          1
04201> Min-807          CIRCULAR     0.3            0          0          0          1
04202> Min-808          CIRCULAR     0.3            0          0          0          1
04203> Min-809          CIRCULAR     0.525          0          0          0          1
04204> Min-81           CIRCULAR     0.3            0          0          0          1
04205> Min-82_1         CIRCULAR     0.45           0          0          0          1
04206> Min-82_2         CIRCULAR     0.45           0          0          0          1
04207> Min-83           CIRCULAR     0.45           0          0          0          1
04208> Min-84           CIRCULAR     0.525          0          0          0          1
04209> Min-85           CIRCULAR     0.75           0          0          0          1
04210> Min-87           CIRCULAR     0.45           0          0          0          1
04211> Min-88           CIRCULAR     0.525          0          0          0          1
04212> Min-89           CIRCULAR     0.525          0          0          0          1
04213> Min-9            CIRCULAR     0.75           0          0          0          1
04214> Min-90           CIRCULAR     0.375          0          0          0          1
04215> Min-91           CIRCULAR     0.375          0          0          0          1
04216> Min-92_1         CIRCULAR     0.975          0          0          0          1
04217> Min-92_2         CIRCULAR     0.975          0          0          0          1
04218> Min-93_1         CIRCULAR     1.2            0          0          0          1
04219> Min-93_2         CIRCULAR     1.2            0          0          0          1
04220> Min-94_2         CIRCULAR     1.2            0          0          0          1
04221> Min-94_3         CIRCULAR     1.2            0          0          0          1
04222> Min-94_4         CIRCULAR     1.2            0          0          0          1
04223> Min-96           CIRCULAR     1.2            0          0          0          1
04224> Min-97           CIRCULAR     1.2            0          0          0          1
04225> Min-98           CIRCULAR     1.35           0          0          0          1
04226> Min-99           CIRCULAR     1.35           0          0          0          1
04227> Min-990          CIRCULAR     1.35           0          0          0          1
04228> Min-OGS          CIRCULAR     0.3            0          0          0          1
04229> RYP-1            CIRCULAR     0.25           0          0          0          1
04230> RYP-10           CIRCULAR     0.25           0          0          0          1
04231> RYP-11           CIRCULAR     0.25           0          0          0          1
04232> RYP-12           CIRCULAR     0.25           0          0          0          1
04233> RYP-124          CIRCULAR     0.3            0          0          0          1
04234> RYP-125          CIRCULAR     0.3            0          0          0          1
04235> RYP-13           CIRCULAR     0.25           0          0          0          1
04236> RYP-14           CIRCULAR     0.25           0          0          0          1
04237> RYP-143          CIRCULAR     0.6            0          0          0          1
04238> RYP-15           CIRCULAR     0.25           0          0          0          1
04239> RYP-16           CIRCULAR     0.25           0          0          0          1
04240> RYP-17           CIRCULAR     0.25           0          0          0          1
04241> RYP-2            CIRCULAR     0.25           0          0          0          1
04242> RYP-21           CIRCULAR     0.375          0          0          0          1
04243> RYP-22           CIRCULAR     0.3            0          0          0          1
04244> RYP-23           CIRCULAR     0.3            0          0          0          1
04245> RYP-24           CIRCULAR     0.3            0          0          0          1
04246> RYP-25           CIRCULAR     0.25           0          0          0          1
04247> RYP-26           CIRCULAR     0.25           0          0          0          1
04248> RYP-27           CIRCULAR     0.25           0          0          0          1
04249> RYP-28           CIRCULAR     0.25           0          0          0          1
04250> RYP-29           CIRCULAR     0.25           0          0          0          1
04251> RYP-3            CIRCULAR     0.25           0          0          0          1
04252> RYP-30           CIRCULAR     0.25           0          0          0          1
04253> RYP-31           CIRCULAR     0.25           0          0          0          1
04254> RYP-32           CIRCULAR     0.25           0          0          0          1
04255> RYP-33           CIRCULAR     0.25           0          0          0          1
04256> RYP-34           CIRCULAR     0.25           0          0          0          1
04257> RYP-35           CIRCULAR     0.25           0          0          0          1
04258> RYP-36           CIRCULAR     0.25           0          0          0          1
04259> RYP-37           CIRCULAR     0.25           0          0          0          1
04260> RYP-38           CIRCULAR     0.25           0          0          0          1
04261> RYP-39           CIRCULAR     0.3            0          0          0          1
04262> RYP-4            CIRCULAR     0.25           0          0          0          1
04263> RYP-40           CIRCULAR     0.525          0          0          0          1
04264> RYP-41           CIRCULAR     0.3            0          0          0          1
04265> RYP-42           CIRCULAR     0.3            0          0          0          1
04266> RYP-43           CIRCULAR     0.25           0          0          0          1
04267> RYP-44           CIRCULAR     0.25           0          0          0          1
04268> RYP-45           CIRCULAR     0.25           0          0          0          1
04269> RYP-46           CIRCULAR     0.25           0          0          0          1
04270> RYP-47           CIRCULAR     0.3            0          0          0          1
04271> RYP-48           CIRCULAR     0.25           0          0          0          1
04272> RYP-49           CIRCULAR     0.25           0          0          0          1
```

```
04273> RYP-5            CIRCULAR     0.25             0          0          0          1
04274> RYP-50           CIRCULAR     0.25             0          0          0          1
04275> RYP-51           CIRCULAR     0.25             0          0          0          1
04276> RYP-52           CIRCULAR     0.25             0          0          0          1
04277> RYP-53           CIRCULAR     0.25             0          0          0          1
04278> RYP-54           CIRCULAR     0.25             0          0          0          1
04279> RYP-55           CIRCULAR     0.25             0          0          0          1
04280> RYP-56           CIRCULAR     0.25             0          0          0          1
04281> RYP-57           CIRCULAR     0.25             0          0          0          1
04282> RYP-58           CIRCULAR     0.25             0          0          0          1
04283> RYP-59           CIRCULAR     0.25             0          0          0          1
04284> RYP-6            CIRCULAR     0.25             0          0          0          1
04285> RYP-60           CIRCULAR     0.25             0          0          0          1
04286> RYP-61           CIRCULAR     0.45             0          0          0          1
04287> RYP-62           CIRCULAR     0.3              0          0          0          1
04288> RYP-63           CIRCULAR     0.3              0          0          0          1
04289> RYP-64           CIRCULAR     0.3              0          0          0          1
04290> RYP-65           CIRCULAR     0.3              0          0          0          1
04291> RYP-66           CIRCULAR     0.3              0          0          0          1
04292> RYP-67           CIRCULAR     0.3              0          0          0          1
04293> RYP-68           CIRCULAR     0.3              0          0          0          1
04294> RYP-69           CIRCULAR     0.3              0          0          0          1
04295> RYP-7            CIRCULAR     0.25             0          0          0          1
04296> RYP-70           CIRCULAR     0.3              0          0          0          1
04297> RYP-71           CIRCULAR     0.3              0          0          0          1
04298> RYP-72           CIRCULAR     0.3              0          0          0          1
04299> RYP-74           CIRCULAR     0.45             0          0          0          1
04300> RYP-8            CIRCULAR     0.25             0          0          0          1
04301> RYP-9            CIRCULAR     0.25             0          0          0          1
04302> RYS-100          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04303> RYS-101          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04304> RYS-102          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04305> RYS-103          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04306> RYS-104          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04307> RYS-107          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04308> RYS-108          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04309> RYS-109          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04310> RYS-110          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04311> RYS-111          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04312> RYS-112          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04313> RYS-113          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04314> RYS-114          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04315> RYS-115          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04316> RYS-116          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04317> RYS-117          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04318> RYS-118          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04319> RYS-119          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04320> RYS-120          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04321> RYS-121          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04322> RYS-126          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04323> RYS-127          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04324> RYS-128          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04325> RYS-129          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04326> RYS-130          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04327> RYS-131          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04328> RYS-132          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04329> RYS-133          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04330> RYS-134          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04331> RYS-135          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04332> RYS-136          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04333> RYS-137          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04334> RYS-138          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04335> RYS-139          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04336> RYS-140          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04337> RYS-141          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04338> RYS-142          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04339> RYS-143          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04340> RYS-144          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04341> RYS-145          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04342> RYS-146          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04343> RYS-147          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04344> RYS-148          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04345> RYS-149          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04346> RYS-150          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04347> RYS-151          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04348> RYS-152          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04349> RYS-153          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04350> RYS-154          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04351> RYS-155          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04352> RYS-156          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04353> RYS-157          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04354> RYS-158          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04355> RYS-159          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04356> RYS-160          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04357> RYS-161          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04358> RYS-162          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04359> RYS-163          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04360> RYS-164          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04361> RYS-165          IRREGULAR    Rear_Yard_Swale  0          0          0          1
```

```
04362> RYS-166          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04363> RYS-167          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04364> RYS-168          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04365> RYS-169          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04366> RYS-170          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04367> RYS-171          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04368> RYS-182          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04369> RYS-183          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04370> RYS-184          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04371> RYS-185          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04372> RYS-186          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04373> RYS-187          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04374> RYS-188          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04375> RYS-189          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04376> RYS-190          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04377> RYS-191          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04378> RYS-192          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04379> RYS-193          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04380> RYS-194          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04381> RYS-195          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04382> RYS-196          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04383> RYS-197          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04384> RYS-198          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04385> RYS-199          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04386> RYS-200          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04387> RYS-201          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04388> RYS-202          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04389> RYS-203          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04390> RYS-204          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04391> RYS-205          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04392> RYS-206          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04393> RYS-207          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04394> RYS-208          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04395> RYS-209          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04396> RYS-210          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04397> RYS-211          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04398> RYS-212          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04399> RYS-213          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04400> RYS-214          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04401> RYS-215          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04402> RYS-216          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04403> RYS-217          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04404> RYS-218          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04405> RYS-219          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04406> RYS-220          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04407> RYS-221          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04408> RYS-222          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04409> RYS-223          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04410> RYS-224          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04411> RYS-225          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04412> RYS-226          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04413> RYS-227          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04414> RYS-228          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04415> RYS-229          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04416> RYS-230          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04417> RYS-231          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04418> RYS-232          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04419> RYS-233          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04420> RYS-234          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04421> RYS-235          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04422> RYS-236          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04423> RYS-237          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04424> RYS-238          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04425> RYS-239          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04426> RYS-240          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04427> RYS-241          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04428> RYS-242          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04429> RYS-243          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04430> RYS-244          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04431> RYS-245          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04432> RYS-246          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04433> RYS-247          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04434> RYS-248          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04435> RYS-249          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04436> RYS-250          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04437> RYS-251          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04438> RYS-252          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04439> RYS-253          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04440> RYS-254          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04441> RYS-255          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04442> RYS-256          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04443> RYS-257          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04444> RYS-258          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04445> RYS-259          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04446> RYS-260          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04447> RYS-261          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04448> RYS-262          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04449> RYS-263          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04450> RYS-264          IRREGULAR    Rear_Yard_Swale  0          0          0          1
```

```
04451> RYS-265          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04452> RYS-266          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04453> RYS-267          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04454> RYS-268          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04455> RYS-269          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04456> RYS-270          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04457> RYS-271          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04458> RYS-272          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04459> RYS-273          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04460> RYS-274          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04461> RYS-275          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04462> RYS-276          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04463> RYS-277          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04464> RYS-278          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04465> RYS-279          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04466> RYS-280          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04467> RYS-281          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04468> RYS-282          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04469> RYS-283          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04470> RYS-284          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04471> RYS-285          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04472> RYS-286          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04473> RYS-287          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04474> RYS-288          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04475> RYS-289          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04476> RYS-290          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04477> RYS-291          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04478> RYS-292          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04479> RYS-293          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04480> RYS-294          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04481> RYS-295          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04482> RYS-296          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04483> RYS-297          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04484> RYS-298          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04485> RYS-299          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04486> RYS-300          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04487> RYS-301          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04488> RYS-302          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04489> RYS-303          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04490> RYS-304          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04491> RYS-305          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04492> RYS-306          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04493> RYS-307          IRREGULAR    Rear_Yard_Swale  0          0          0          1
04494> RYS-74           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04495> RYS-75           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04496> RYS-76           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04497> RYS-77           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04498> RYS-78           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04499> RYS-79           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04500> RYS-80           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04501> RYS-81           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04502> RYS-82           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04503> RYS-83           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04504> RYS-84           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04505> RYS-85           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04506> RYS-86           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04507> RYS-87           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04508> RYS-88           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04509> RYS-89           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04510> RYS-90           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04511> RYS-91           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04512> RYS-93           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04513> RYS-94           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04514> RYS-95           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04515> RYS-96           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04516> RYS-97           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04517> RYS-98           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04518> RYS-99           IRREGULAR    Rear_Yard_Swale  0          0          0          1
04519> ABGR02           CIRCULAR     0.2              0          0          0
04520> Qual1            CIRCULAR     0.23             0          0          0
04521> Quan1            CIRCULAR     0.6              0          0          0
04522> Emer1            RECT_OPEN    0.55             8.1        0          0
04523> Emer2            RECT_OPEN    0.55             10         0          0
04524> Min-205_2        RECT_OPEN    1                34         0          0
04525> OGS_Overflow     RECT_OPEN    0.311            2.4        0          0
04526> Quan2            RECT_OPEN    0.75             8.4        0          0
04527> Quan3            RECT_OPEN    0.75             8.4        0          0
04528> Quan4            RECT_OPEN    0.75             8.4        0          0
04529> SEnclave_Out     RECT_OPEN    1                31         0          0
04530> W2               RECT_OPEN    0.177            0.525      0          0
04531>
04532> [TRANSECTS]
04533>
04534> ;Based on Bronte Green Standard Roadway Sections
04535> NC 0.035    0.035    0.013
04536> X1 11m_ROW          5        -3       3        0.0       0.0       0.0      0.0      0.0
04537> GR 0.016    -6.3     -0.06    -3       0        0         0.06     3        0.094    4.7
04538>
04539> ;Based on Bronte Green Standard Roadway Sections
```

```
04540> NC 0.035    0.035    0.013
04541> X1 16m_ROW          7        -3.751   3.751    0.0       0.0       0.0      0.0      0.0
04542> GR 0.12     -7       0.0375   -3.751   -0.1125  -3.75    0         0        -0.1125  3.75
04543> GR 0.0375   3.751    0.17     9
04544>
04545> ;Based on Bronte Green Standard Roadway Sections
04546> NC 0.035    0.035    0.013
04547> X1 17m_ROW          7        -4.251   4.251    0.0       0.0       0.0      0.0      0.0
04548> GR 0.13     -8.5     0.0225   -4.251   -0.1275  -4.25    0         0        -0.1275  4.25
04549> GR 0.0225   4.251    0.13     8.5
04550>
04551> ;Based on Bronte Green Standard Roadway Sections
04552> NC 0.035    0.035    0.013
04553> X1 19m_ROW          7        -4.751   4.751    0.0       0.0       0.0      0.0      0.0
04554> GR 0.16     -9.5     0.055    -4.751   -0.095   -4.75    0         0        -0.095   4.75
04555> GR 0.055    4.751    0.16     9.5
04556>
04557> ;Based on Bronte Green Standard Roadway Sections
04558> NC 0.035    0.035    0.013
04559> X1 20m_ROW          7        -5.251   5.251    0.0       0.0       0.0      0.0      0.0
04560> GR 0.16     -10      0.045    -5.251   -0.105   -5.25    0         0        -0.105   5.25
04561> GR 0.045    5.251    0.16     10
04562>
04563> ;Based on Bronte Green Standard Roadway Sections
04564> NC 0.035    0.035    0.013
04565> X1 22m_ROW          7        -6.251   6.251    0.0       0.0       0.0      0.0      0.0
04566> GR 0.14     -11      0.025    -6.251   -0.125   -6.25    0         0        -0.125   6.25
04567> GR 0.025    6.251    0.14     11
04568>
04569> ;Based on Bronte Green Standard Roadway Sections
04570> NC 0.035    0.035    0.013
04571> X1 24m_ROW          7        -4.751   4.751    0.0       0.0       0.0      0.0      0.0
04572> GR 0.1138   -9.3     0.055    -4.751   -0.095   -4.75    0         0        -0.095   4.75
04573> GR 0.055    4.751    0.25     14.751
04574>
04575> ;Assume 15% cross-slope
04576> NC 0.025    0.013    0.025
04577> X1 3m_Path          5        1        1        0.0       0.0       0.0      0.0      0.0
04578> GR 1        -8.15    0         -1.5     0        0        0         1.5      1        8.15
04579>
04580> ;Assumed 2% grade
04581> NC 0.01     0.01     0.01
04582> X1 Rear_Yard_Swale  3        -25      25       0.0       0.0       0.0      0.0      0.0
04583> GR 0.3      -15      0         0        0.3      15
04584>
04585> [LOSSES]
04586> ;;Link           Inlet      Outlet     Average    Flap Gate  SeepageRate
04587> ;;-------------- ---------- ---------- ---------- ---------- ----------
04588> A006PK1-Spill    0          0          0          YES        0
04589> A010DV1-Spill    0          0          0          YES        0
04590> A032SC1-Spill    0          0          0          YES        0
04591> A034SC1-Spill    0          0          0          YES        0
04592> A052DV1-Spill    0          0          0          YES        0
04593> A058PK1-Spill    0          0          0          YES        0
04594> A059PK1-Spill    0          0          0          YES        0
04595> A079DV1-Spill    0          0          0          YES        0
04596> A201DV1-spill    0          0          0          YES        0
04597> B-Road_Spill     0          0          0          YES        0
04598> B-Road_Spill2    0          0          0          YES        0
04599> MH-53_1          0          0.02       0          NO         0
04600> MH-809           0          1.33       0          NO         0
04601> MH-OGS2          0          1.33       0          NO         0
04602> Min_Spil_53      0          0          0          YES        0
04603> Min_Spill_1      0          0          0          YES        0
04604> Min_Spill_10     0          0          0          YES        0
04605> Min_Spill_11     0          0          0          YES        0
04606> Min_Spill_12     0          0          0          YES        0
04607> Min_Spill_13     0          0          0          YES        0
04608> Min_Spill_14     0          0          0          YES        0
04609> Min_Spill_15     0          0          0          YES        0
04610> Min_Spill_16     0          0          0          YES        0
04611> Min_Spill_17     0          0          0          YES        0
04612> Min_Spill_18     0          0          0          YES        0
04613> Min_Spill_19     0          0          0          YES        0
04614> Min_Spill_2      0          0          0          YES        0
04615> Min_Spill_20     0          0          0          YES        0
04616> Min_Spill_21     0          0          0          YES        0
04617> Min_Spill_22     0          0          0          YES        0
04618> Min_Spill_23     0          0          0          YES        0
04619> Min_Spill_24     0          0          0          YES        0
04620> Min_Spill_25     0          0          0          YES        0
04621> Min_Spill_26     0          0          0          YES        0
04622> Min_Spill_27     0          0          0          YES        0
04623> Min_Spill_28     0          0          0          YES        0
04624> Min_Spill_29     0          0          0          YES        0
04625> Min_Spill_3      0          0          0          YES        0
04626> Min_Spill_30     0          0          0          YES        0
04627> Min_Spill_31     0          0          0          YES        0
04628> Min_Spill_32     0          0          0          YES        0
```

```
04629> Min_Spill_33     0          0          0          YES        0
04630> Min_Spill_34     0          0          0          YES        0
04631> Min_Spill_35     0          0          0          YES        0
04632> Min_Spill_36     0          0          0          YES        0
04633> Min_Spill_37     0          0          0          YES        0
04634> Min_Spill_38     0          0          0          YES        0
04635> Min_Spill_39     0          0          0          YES        0
04636> Min_Spill_4      0          0          0          YES        0
04637> Min_Spill_40     0          0          0          YES        0
04638> Min_Spill_41     0          0          0          YES        0
04639> Min_Spill_42     0          0          0          YES        0
04640> Min_Spill_43     0          0          0          YES        0
04641> Min_Spill_44     0          0          0          YES        0
04642> Min_Spill_45     0          0          0          YES        0
04643> Min_Spill_46     0          0          0          YES        0
04644> Min_Spill_47     0          0          0          YES        0
04645> Min_Spill_48     0          0          0          YES        0
04646> Min_Spill_49     0          0          0          YES        0
04647> Min_Spill_5      0          0          0          YES        0
04648> Min_Spill_50     0          0          0          YES        0
04649> Min_Spill_51     0          0          0          YES        0
04650> Min_Spill_52     0          0          0          YES        0
04651> Min_Spill_53     0          0          0          YES        0
04652> Min_Spill_6      0          0          0          YES        0
04653> Min_Spill_7      0          0          0          YES        0
04654> Min_Spill_8      0          0          0          YES        0
04655> Min_Spill_9      0          0          0          YES        0
04656> Min-1_2          0          0.02       0          NO         0
04657> Min-10           0          0.08       0          NO         0
04658> Min-105_2        0          0.035      0          NO         0
04659> Min-106          0          0.73       0          NO         0
04660> Min-107          0          0.73       0          NO         0
04661> Min-108          1          1          0          NO         0
04662> Min-109          0          0.02       0          NO         0
04663> Min-11           0          1.33       0          NO         0
04664> Min-110          0          0.02       0          NO         0
04665> Min-111          0          0.02       0          NO         0
04666> Min-112          0          0.02       0          NO         0
04667> Min-113          0          0.08       0          NO         0
04668> Min-114          0          0.21       0          NO         0
04669> Min-115          0          0.08       0          NO         0
04670> Min-116          0          0.02       0          NO         0
04671> Min-117_2        0          0.02       0          NO         0
04672> Min-118          0          0.54       0          NO         0
04673> Min-119          0          0.02       0          NO         0
04674> Min-1190         1          0          0          NO         0
04675> Min-12_1         0          0.02       0          NO         0
04676> Min-12_2         0          0.08       0          NO         0
04677> Min-120          0          0.08       0          NO         0
04678> Min-13           0          1.33       0          NO         0
04679> Min-14_1         0          0.02       0          NO         0
04680> Min-14_2         0          0.635      0          NO         0
04681> Min-16           0          0.16       0          NO         0
04682> Min-17           0          0.39       0          NO         0
04683> Min-18           0          0.47       0          NO         0
04684> Min-19_1         0          0.02       0          NO         0
04685> Min-19_2         0          1.33       0          NO         0
04686> Min-2            0          1.33       0          NO         0
04687> Min-20           0          1.07       0          NO         0
04688> Min-200_2        0          0.02       0          NO         0
04689> Min-201          0          0.47       0          NO         0
04690> Min-202          0          0.39       0          NO         0
04691> Min-203          0          1.33       0          NO         0
04692> Min-204          1.33       0          0          NO         0
04693> Min-21           0          0.39       0          NO         0
04694> Min-22           0          1.33       0          NO         0
04695> Min-23           0          0.39       0          NO         0
04696> Min-24           0          0.39       0          NO         0
04697> Min-25           0          0.16       0          NO         0
04698> Min-26_1         0          0.02       0          NO         0
04699> Min-26_2         0          0.39       0          NO         0
04700> Min-27           0          1.33       0          NO         0
04701> Min-28           0          0.39       0          NO         0
04702> Min-29           0          0.21       0          NO         0
04703> Min-3            0          1.07       0          NO         0
04704> Min-30           0          1.33       0          NO         0
04705> Min-302          0          0.26       0          NO         0
04706> Min-303          0          0.21       0          NO         0
04707> Min-31           0          0.02       0          NO         0
04708> Min-32_1         0          0.02       0          NO         0
04709> Min-32_3         0          0.02       0          NO         0
04710> Min-32_4         0          1.33       0          NO         0
04711> Min-33           0          0.02       0          NO         0
04712> Min-34_1         0          0.02       0          NO         0
04713> Min-34_3         0          0.02       0          NO         0
04714> Min-34_4         0          1.33       0          NO         0
04715> Min-35           0          0.02       0          NO         0
04716> Min-36_1         0          0.02       0          NO         0
04717> Min-36_2         0          0.035      0          NO         0
```

04718> Min-37	0	1.33	0	NO	0
04719> Min-38	0	0.26	0	NO	0
04720> Min-39	0	0.635	0	NO	0
04721> Min-4	0	0.39	0	NO	0
04722> Min-40	0	1.33	0	NO	0
04723> Min-400	0	1.33	0	NO	0
04724> Min-401	0	0.16	0	NO	0
04725> Min-402	0	1.33	0	NO	0
04726> Min-403	0	0.035	0	NO	0
04727> Min-41	0	0.39	0	NO	0
04728> Min-41-1	0	0.47	0	NO	0
04729> Min-42	0	0.47	0	NO	0
04730> Min-43	0	1.33	0	NO	0
04731> Min-44	0	1.33	0	NO	0
04732> Min-45	0	1.33	0	NO	0
04733> Min-45_1	0	0.39	0	NO	0
04734> Min-46	0	0.47	0	NO	0
04735> Min-47	0	0.39	0	NO	0
04736> Min-48	0	1.33	0	NO	0
04737> Min-49	0	0.32	0	NO	0
04738> Min-5	0	0.02	0	NO	0
04739> Min-50	0	0.02	0	NO	0
04740> Min-500	0	1.33	0	NO	0
04741> Min-501	0	0.02	0	NO	0
04742> Min-5010	0	1.33	0	NO	0
04743> Min-502	0	0.02	0	NO	0
04744> Min-503	0	1.33	0	NO	0
04745> Min-504	0	0.02	0	NO	0
04746> Min-505	0	0.055	0	NO	0
04747> Min-506	0	0.84	0	NO	0
04748> Min-507	0	0.26	0	NO	0
04749> Min-508	0	0.035	0	NO	0
04750> Min-509	0	0.84	0	NO	0
04751> Min-51	0	1.33	0	NO	0
04752> Min-510	0	0.39	0	NO	0
04753> Min-511	0	1.07	0	NO	0
04754> Min-512	0	0.895	0	NO	0
04755> Min-514	0	0.26	0	NO	0
04756> Min-52	0	1.33	0	NO	0
04757> Min-53	0	0.02	0	NO	0
04758> Min-54	0	0.035	0	NO	0
04759> Min-55	0	1.33	0	NO	0
04760> Min-56	0	0.08	0	NO	0
04761> Min-57	0	0.47	0	NO	0
04762> Min-58	0	0.11	0	NO	0
04763> Min-59_1	0	0.02	0	NO	0
04764> Min-59_2	0	0.035	0	NO	0
04765> Min-6	0	1.33	0	NO	0
04766> Min-60	0	0.035	0	NO	0
04767> Min-61_1	0	0.02	0	NO	0
04768> Min-61_2	0	0.055	0	NO	0
04769> Min-62_1	0	0.02	0	NO	0
04770> Min-62_2	0	0.035	0	NO	0
04771> Min-63	0	0.21	0	NO	0
04772> Min-65	0	0.73	0	NO	0
04773> Min-66	0	0.32	0	NO	0
04774> Min-67	0	0.47	0	NO	0
04775> Min-68	0	0	0.02	NO	0
04776> Min-680	1	1	0	NO	0
04777> Min-69_1	0	0.02	0	NO	0
04778> Min-69_2	0	0.47	0	NO	0
04779> Min-7_1	0	0.02	0	NO	0
04780> Min-7_2	0	0.055	0	NO	0
04781> Min-70	0	0.39	0	NO	0
04782> Min-72	0	0.02	0	NO	0
04783> Min-75_1	0	0.02	0	NO	0
04784> Min-75_3	0	0.02	0	NO	0
04785> Min-75_4	0	1.33	0	NO	0
04786> Min-77	0	1.33	0	NO	0
04787> Min-77_1	0	0.02	0	NO	0
04788> Min-77_2	0	0.035	0	NO	0
04789> Min-78	0	1.33	0	NO	0
04790> Min-79	0	0.055	0	NO	0
04791> Min-8	0	0.055	0	NO	0
04792> Min-80	0	1.33	0	NO	0
04793> Min-81	0	0.32	0	NO	0
04794> Min-82_1	0	0.02	0	NO	0
04795> Min-82_2	0	0.32	0	NO	0
04796> Min-83	0	0.32	0	NO	0
04797> Min-84	0	0.16	0	NO	0
04798> Min-85	0	1.33	0	NO	0
04799> Min-87	0	0.035	0	NO	0
04800> Min-88	0	0.73	0	NO	0
04801> Min-89	0	0.39	0	NO	0
04802> Min-9	0	0.02	0	NO	0
04803> Min-90	0	0.035	0	NO	0
04804> Min-91	0	0.055	0	NO	0
04805> Min-92_1	0	0.02	0	NO	0
04806> Min-92_2	0	0.035	0	NO	0

```
04807> Min-93_1          0          0.02       0          NO         0
04808> Min-93_2          0          0.035      0          NO         0
04809> Min-94_2          0          0.055      0          NO         0
04810> Min-96            0          0.47       0          NO         0
04811> Min-97            0          0.54       0          NO         0
04812> Min-98            0          0.11       0          NO         0
04813> Min-99            0          0.02       0          NO         0
04814> Min-990           1          1          0          NO         0
04815> Min-OGS           0          1.33       0          NO         0
04816> RYP-1             0          1.33       0          NO         0
04817> RYP-10            0          0.16       0          NO         0
04818> RYP-11            0          1.19       0          NO         0
04819> RYP-12            0          1.33       0          NO         0
04820> RYP-125           0          1.33       0          NO         0
04821> RYP-13            0          1.33       0          NO         0
04822> RYP-14            0          0.47       0          NO         0
04823> RYP-143           0          1.33       0          NO         0
04824> RYP-15            0          1.33       0          NO         0
04825> RYP-16            0          0.32       0          NO         0
04826> RYP-17            0          0.32       0          NO         0
04827> RYP-2             0          1.33       0          NO         0
04828> RYP-21            0          1.33       0          YES        0
04829> RYP-22            0          1.33       0          NO         0
04830> RYP-23            0          1.33       0          NO         0
04831> RYP-24            0          1.19       0          NO         0
04832> RYP-25            0          1.33       0          NO         0
04833> RYP-26            0          1.33       0          NO         0
04834> RYP-27            0          1.33       0          NO         0
04835> RYP-28            0          1.07       0          NO         0
04836> RYP-29            0          1.33       0          NO         0
04837> RYP-3             0          1.33       0          NO         0
04838> RYP-30            0          1.33       0          NO         0
04839> RYP-31            0          1.33       0          NO         0
04840> RYP-32            0          0.73       0          NO         0
04841> RYP-33            0          1.33       0          NO         0
04842> RYP-34            0          1.07       0          NO         0
04843> RYP-35            0          1.33       0          NO         0
04844> RYP-36            0          1.33       0          NO         0
04845> RYP-37            0          1.33       0          NO         0
04846> RYP-38            0          0.21       0          NO         0
04847> RYP-39            0          1.33       0          NO         0
04848> RYP-4             0          1.33       0          NO         0
04849> RYP-40            0          1.33       0          NO         0
04850> RYP-41            0          1.07       0          NO         0
04851> RYP-42            0          1.33       0          NO         0
04852> RYP-43            0          1.07       0          NO         0
04853> RYP-44            0          1.33       0          NO         0
04854> RYP-45            0          0.84       0          NO         0
04855> RYP-46            0          1.33       0          NO         0
04856> RYP-47            0          0.26       0          NO         0
04857> RYP-48            0          1.33       0          NO         0
04858> RYP-49            0          1.33       0          NO         0
04859> RYP-5             0          1.19       0          NO         0
04860> RYP-50            0          1.33       0          NO         0
04861> RYP-51            0          1.33       0          NO         0
04862> RYP-52            0          1.19       0          NO         0
04863> RYP-53            0          1.33       0          NO         0
04864> RYP-54            0          1.33       0          NO         0
04865> RYP-55            0          1.33       0          NO         0
04866> RYP-56            0          1.33       0          NO         0
04867> RYP-57            0          1.33       0          NO         0
04868> RYP-58            0          1.33       0          NO         0
04869> RYP-59            0          1.19       0          NO         0
04870> RYP-6             0          1.07       0          NO         0
04871> RYP-60            0          1.33       0          NO         0
04872> RYP-61            0          0.54       0          YES        0
04873> RYP-62            0          1.33       0          NO         0
04874> RYP-63            0          1.33       0          NO         0
04875> RYP-64            0          0.54       0          NO         0
04876> RYP-65            0          1.33       0          NO         0
04877> RYP-66            0          0.635      0          NO         0
04878> RYP-67            0          1.33       0          NO         0
04879> RYP-68            0          1.33       0          NO         0
04880> RYP-69            0          1.33       0          NO         0
04881> RYP-7             0          1.33       0          NO         0
04882> RYP-70            0          1.33       0          NO         0
04883> RYP-71            0          1.33       0          NO         0
04884> RYP-72            0          1.33       0          NO         0
04885> RYP-8             0          1.19       0          NO         0
04886> RYP-9             0          1.33       0          NO         0
04887>
04888> [CURVES]
04889> ;;Name            Type       X-Value    Y-Value
04890> ;;--------------- ---------- ---------- ----------
04891> ;Depth/Flow into 1 CB on a constant 0.5% slope
04892> 0.5%Slope_1-CB    Rating     0.000      0.0000
04893> 0.5%Slope_1-CB               0.010      0.0002
04894> 0.5%Slope_1-CB               0.020      0.0020
04895> 0.5%Slope_1-CB               0.030      0.0059
```

```
04896> 0.5%Slope_1-CB              0.040      0.0137
04897> 0.5%Slope_1-CB              0.050      0.0239
04898> 0.5%Slope_1-CB              0.060      0.0377
04899> 0.5%Slope_1-CB              0.070      0.0479
04900> 0.5%Slope_1-CB              0.080      0.0563
04901> 0.5%Slope_1-CB              0.090      0.0641
04902> 0.5%Slope_1-CB              0.100      0.0711
04903> 0.5%Slope_1-CB              0.110      0.0776
04904> 0.5%Slope_1-CB              0.120      0.0828
04905> 0.5%Slope_1-CB              0.130      0.0893
04906> 0.5%Slope_1-CB              0.140      0.0941
04907> 0.5%Slope_1-CB              0.150      0.0992
04908> 0.5%Slope_1-CB              0.160      0.1046
04909> 0.5%Slope_1-CB              0.170      0.1096
04910> 0.5%Slope_1-CB              0.180      0.1135
04911> 0.5%Slope_1-CB              0.190      0.1177
04912> 0.5%Slope_1-CB              0.200      0.1210
04913> 0.5%Slope_1-CB              0.210      0.1240
04914> 0.5%Slope_1-CB              0.220      0.1269
04915> 0.5%Slope_1-CB              0.230      0.1294
04916> 0.5%Slope_1-CB              0.240      0.1324
04917> 0.5%Slope_1-CB              0.250      0.1353
04918> 0.5%Slope_1-CB              0.260      0.1378
04919> 0.5%Slope_1-CB              0.270      0.1399
04920> 0.5%Slope_1-CB              0.280      0.1421
04921> 0.5%Slope_1-CB              0.290      0.1441
04922> 0.5%Slope_1-CB              0.300      0.1458
04923> 0.5%Slope_1-CB              0.310      0.1476
04924> 0.5%Slope_1-CB              0.320      0.1495
04925> 0.5%Slope_1-CB              0.330      0.1513
04926> 0.5%Slope_1-CB              0.340      0.1533
04927> 0.5%Slope_1-CB              0.350      0.1552
04928> 0.5%Slope_1-CB              0.360      0.1568
04929> 0.5%Slope_1-CB              0.370      0.1586
04930> 0.5%Slope_1-CB              0.380      0.1604
04931> 0.5%Slope_1-CB              0.390      0.1623
04932> 0.5%Slope_1-CB              0.400      0.1637
04933>
04934> ;Depth/Flow into 2 CBs on a constant 0.5% slope
04935> 0.5%Slope_2-CB   Rating     0.000      0.0000
04936> 0.5%Slope_2-CB              0.010      0.0004
04937> 0.5%Slope_2-CB              0.020      0.0033
04938> 0.5%Slope_2-CB              0.030      0.0099
04939> 0.5%Slope_2-CB              0.040      0.0212
04940> 0.5%Slope_2-CB              0.050      0.0381
04941> 0.5%Slope_2-CB              0.060      0.0619
04942> 0.5%Slope_2-CB              0.070      0.0931
04943> 0.5%Slope_2-CB              0.080      0.1126
04944> 0.5%Slope_2-CB              0.090      0.1283
04945> 0.5%Slope_2-CB              0.100      0.1422
04946> 0.5%Slope_2-CB              0.110      0.1552
04947> 0.5%Slope_2-CB              0.120      0.1656
04948> 0.5%Slope_2-CB              0.130      0.1786
04949> 0.5%Slope_2-CB              0.140      0.1883
04950> 0.5%Slope_2-CB              0.150      0.1985
04951> 0.5%Slope_2-CB              0.160      0.2093
04952> 0.5%Slope_2-CB              0.170      0.2192
04953> 0.5%Slope_2-CB              0.180      0.2269
04954> 0.5%Slope_2-CB              0.190      0.2354
04955> 0.5%Slope_2-CB              0.200      0.2419
04956> 0.5%Slope_2-CB              0.210      0.2480
04957> 0.5%Slope_2-CB              0.220      0.2538
04958> 0.5%Slope_2-CB              0.230      0.2589
04959> 0.5%Slope_2-CB              0.240      0.2648
04960> 0.5%Slope_2-CB              0.250      0.2706
04961> 0.5%Slope_2-CB              0.260      0.2756
04962> 0.5%Slope_2-CB              0.270      0.2798
04963> 0.5%Slope_2-CB              0.280      0.2842
04964> 0.5%Slope_2-CB              0.290      0.2883
04965> 0.5%Slope_2-CB              0.300      0.2916
04966> 0.5%Slope_2-CB              0.310      0.2953
04967> 0.5%Slope_2-CB              0.320      0.2989
04968> 0.5%Slope_2-CB              0.330      0.3026
04969> 0.5%Slope_2-CB              0.340      0.3066
04970> 0.5%Slope_2-CB              0.350      0.3103
04971> 0.5%Slope_2-CB              0.360      0.3135
04972> 0.5%Slope_2-CB              0.370      0.3173
04973> 0.5%Slope_2-CB              0.380      0.3207
04974> 0.5%Slope_2-CB              0.390      0.3246
04975> 0.5%Slope_2-CB              0.400      0.3274
04976>
04977> ;Depth/Flow into 1 CBs on a constant 1.0% slope
04978> 1.0%Slope_1-CB   Rating     0.000      0.0000
04979> 1.0%Slope_1-CB              0.010      0.0004
04980> 1.0%Slope_1-CB              0.020      0.0028
04981> 1.0%Slope_1-CB              0.030      0.0083
04982> 1.0%Slope_1-CB              0.040      0.0180
04983> 1.0%Slope_1-CB              0.050      0.0308
04984> 1.0%Slope_1-CB              0.060      0.0446
```

```
04985> 1.0%Slope_1-CB              0.070      0.0554
04986> 1.0%Slope_1-CB              0.080      0.0643
04987> 1.0%Slope_1-CB              0.090      0.0716
04988> 1.0%Slope_1-CB              0.100      0.0787
04989> 1.0%Slope_1-CB              0.110      0.0857
04990> 1.0%Slope_1-CB              0.120      0.0917
04991> 1.0%Slope_1-CB              0.130      0.0968
04992> 1.0%Slope_1-CB              0.140      0.1035
04993> 1.0%Slope_1-CB              0.150      0.1093
04994> 1.0%Slope_1-CB              0.160      0.1136
04995> 1.0%Slope_1-CB              0.170      0.1182
04996> 1.0%Slope_1-CB              0.180      0.1217
04997> 1.0%Slope_1-CB              0.190      0.1253
04998> 1.0%Slope_1-CB              0.200      0.1285
04999> 1.0%Slope_1-CB              0.210      0.1318
05000> 1.0%Slope_1-CB              0.220      0.1354
05001> 1.0%Slope_1-CB              0.230      0.1380
05002> 1.0%Slope_1-CB              0.240      0.1405
05003> 1.0%Slope_1-CB              0.250      0.1430
05004> 1.0%Slope_1-CB              0.260      0.1452
05005> 1.0%Slope_1-CB              0.270      0.1476
05006> 1.0%Slope_1-CB              0.280      0.1499
05007> 1.0%Slope_1-CB              0.290      0.1525
05008> 1.0%Slope_1-CB              0.300      0.1547
05009> 1.0%Slope_1-CB              0.310      0.1564
05010> 1.0%Slope_1-CB              0.320      0.1582
05011> 1.0%Slope_1-CB              0.330      0.1602
05012> 1.0%Slope_1-CB              0.340      0.1619
05013> 1.0%Slope_1-CB              0.350      0.1637
05014> 1.0%Slope_1-CB              0.360      0.1655
05015> 1.0%Slope_1-CB              0.370      0.1669
05016>
05017> ;Depth/Flow into 2 CBs on a constant 1.0% slope
05018> 1.0%Slope_2-CB   Rating     0.000      0.0000
05019> 1.0%Slope_2-CB              0.010      0.0007
05020> 1.0%Slope_2-CB              0.020      0.0047
05021> 1.0%Slope_2-CB              0.030      0.0139
05022> 1.0%Slope_2-CB              0.040      0.0299
05023> 1.0%Slope_2-CB              0.050      0.0540
05024> 1.0%Slope_2-CB              0.060      0.0878
05025> 1.0%Slope_2-CB              0.070      0.1108
05026> 1.0%Slope_2-CB              0.080      0.1287
05027> 1.0%Slope_2-CB              0.090      0.1432
05028> 1.0%Slope_2-CB              0.100      0.1575
05029> 1.0%Slope_2-CB              0.110      0.1715
05030> 1.0%Slope_2-CB              0.120      0.1835
05031> 1.0%Slope_2-CB              0.130      0.1937
05032> 1.0%Slope_2-CB              0.140      0.2069
05033> 1.0%Slope_2-CB              0.150      0.2186
05034> 1.0%Slope_2-CB              0.160      0.2273
05035> 1.0%Slope_2-CB              0.170      0.2364
05036> 1.0%Slope_2-CB              0.180      0.2434
05037> 1.0%Slope_2-CB              0.190      0.2507
05038> 1.0%Slope_2-CB              0.200      0.2569
05039> 1.0%Slope_2-CB              0.210      0.2635
05040> 1.0%Slope_2-CB              0.220      0.2708
05041> 1.0%Slope_2-CB              0.230      0.2759
05042> 1.0%Slope_2-CB              0.240      0.2811
05043> 1.0%Slope_2-CB              0.250      0.2860
05044> 1.0%Slope_2-CB              0.260      0.2903
05045> 1.0%Slope_2-CB              0.270      0.2951
05046> 1.0%Slope_2-CB              0.280      0.2999
05047> 1.0%Slope_2-CB              0.290      0.3050
05048> 1.0%Slope_2-CB              0.300      0.3094
05049> 1.0%Slope_2-CB              0.310      0.3129
05050> 1.0%Slope_2-CB              0.320      0.3164
05051> 1.0%Slope_2-CB              0.330      0.3203
05052> 1.0%Slope_2-CB              0.340      0.3238
05053> 1.0%Slope_2-CB              0.350      0.3274
05054> 1.0%Slope_2-CB              0.360      0.3310
05055> 1.0%Slope_2-CB              0.370      0.3338
05056>
05057> ;1 Single CB on single lead pipe. Single CB is limited by 250mm Lead pipe at 1.2m head. Q=195.3 L/s
05058> 1-CB             Rating     0          0
05059> 1-CB                        0.05       0.1953
05060> 1-CB                        1          0.1954
05061>
05062> ;1 DCB on single lead pipe. DCB is limited by 300mm Lead pipe at 1.2m head. Q=281.2 L/s
05063> 1-DCB            Rating     0          0
05064> 1-DCB                       0.05       0.2812
05065> 1-DCB                       1          0.2813
05066>
05067> ;DCB and CB on individual lead pipes.
05068> ;Single CB is limited by 250mm Lead pipe at 1.2m head. Q=195.3.
05069> ;Double CB is limited by 300mm lead pipe at 1.2m head L/s. Q= 281.2 L/s.
05070> ;Q_Total=476.5l/s
05071> 1-DCB_1-CB       Rating     0          0
05072> 1-DCB_1-CB                  0.05       0.4765
05073> 1-DCB_1-CB                  1          0.4766
```

```
05074>
05075> ;Depth/Flow into 1 CBs on a constant 2.0% slope
05076> 2.0%Slope_1-CB   Rating     0.000      0.0000
05077> 2.0%Slope_1-CB              0.010      0.0006
05078> 2.0%Slope_1-CB              0.020      0.0041
05079> 2.0%Slope_1-CB              0.030      0.0109
05080> 2.0%Slope_1-CB              0.040      0.0225
05081> 2.0%Slope_1-CB              0.050      0.0375
05082> 2.0%Slope_1-CB              0.060      0.0508
05083> 2.0%Slope_1-CB              0.070      0.0611
05084> 2.0%Slope_1-CB              0.080      0.0703
05085> 2.0%Slope_1-CB              0.090      0.0781
05086> 2.0%Slope_1-CB              0.100      0.0857
05087> 2.0%Slope_1-CB              0.110      0.0914
05088> 2.0%Slope_1-CB              0.120      0.0977
05089> 2.0%Slope_1-CB              0.130      0.1053
05090> 2.0%Slope_1-CB              0.140      0.1106
05091> 2.0%Slope_1-CB              0.150      0.1163
05092> 2.0%Slope_1-CB              0.160      0.1211
05093> 2.0%Slope_1-CB              0.170      0.1256
05094> 2.0%Slope_1-CB              0.180      0.1295
05095> 2.0%Slope_1-CB              0.190      0.1337
05096> 2.0%Slope_1-CB              0.200      0.1370
05097> 2.0%Slope_1-CB              0.210      0.1400
05098> 2.0%Slope_1-CB              0.220      0.1429
05099> 2.0%Slope_1-CB              0.230      0.1455
05100> 2.0%Slope_1-CB              0.240      0.1482
05101> 2.0%Slope_1-CB              0.250      0.1511
05102> 2.0%Slope_1-CB              0.260      0.1538
05103> 2.0%Slope_1-CB              0.270      0.1559
05104> 2.0%Slope_1-CB              0.280      0.1581
05105> 2.0%Slope_1-CB              0.290      0.1603
05106> 2.0%Slope_1-CB              0.300      0.1623
05107> 2.0%Slope_1-CB              0.310      0.1644
05108> 2.0%Slope_1-CB              0.320      0.1659
05109>
05110> ;Depth/Flow into 2 CBs on a constant 2.0% slope
05111> 2.0%Slope_2-CB   Rating     0.000      0.0000
05112> 2.0%Slope_2-CB              0.010      0.0010
05113> 2.0%Slope_2-CB              0.020      0.0068
05114> 2.0%Slope_2-CB              0.030      0.0198
05115> 2.0%Slope_2-CB              0.040      0.0422
05116> 2.0%Slope_2-CB              0.050      0.0750
05117> 2.0%Slope_2-CB              0.060      0.1015
05118> 2.0%Slope_2-CB              0.070      0.1222
05119> 2.0%Slope_2-CB              0.080      0.1406
05120> 2.0%Slope_2-CB              0.090      0.1561
05121> 2.0%Slope_2-CB              0.100      0.1713
05122> 2.0%Slope_2-CB              0.110      0.1828
05123> 2.0%Slope_2-CB              0.120      0.1954
05124> 2.0%Slope_2-CB              0.130      0.2106
05125> 2.0%Slope_2-CB              0.140      0.2213
05126> 2.0%Slope_2-CB              0.150      0.2325
05127> 2.0%Slope_2-CB              0.160      0.2421
05128> 2.0%Slope_2-CB              0.170      0.2513
05129> 2.0%Slope_2-CB              0.180      0.2590
05130> 2.0%Slope_2-CB              0.190      0.2674
05131> 2.0%Slope_2-CB              0.200      0.2739
05132> 2.0%Slope_2-CB              0.210      0.2800
05133> 2.0%Slope_2-CB              0.220      0.2858
05134> 2.0%Slope_2-CB              0.230      0.2909
05135> 2.0%Slope_2-CB              0.240      0.2964
05136> 2.0%Slope_2-CB              0.250      0.3023
05137> 2.0%Slope_2-CB              0.260      0.3076
05138> 2.0%Slope_2-CB              0.270      0.3118
05139> 2.0%Slope_2-CB              0.280      0.3162
05140> 2.0%Slope_2-CB              0.290      0.3206
05141> 2.0%Slope_2-CB              0.300      0.3246
05142> 2.0%Slope_2-CB              0.310      0.3288
05143> 2.0%Slope_2-CB              0.320      0.3318
05144>
05145> ;2 Single CB on independent lead pipes.Single CB is limited by 250mm lead pipe at 1.2m head. Q= 195.3 L/s
05146> 2-CB             Rating     0          0
05147> 2-CB                        0.05       .3905
05148> 2-CB                        1          .3906
05149>
05150> ;2 DCB on independent lead pipes. DCB is limited by 300mm lead pipe at 1.2m head. Q= 281.2 L/s
05151> 2-DCB            Rating     0          0
05152> 2-DCB                       0.05       .5623
05153> 2-DCB                       1          .5624
05154>
05155> 2xICD-A          Rating     0          0
05156> 2xICD-A                     0.01       0.0398
05157> 2xICD-A                     0.1        0.0414
05158> 2xICD-A                     0.2        0.0428
05159> 2xICD-A                     0.3        0.0444
05160> 2xICD-A                     0.6        0.0486
05161> 2xICD-A                     0.8        0.0512
05162>
```

```
05163> ;Depth/Flow into 1 CBs on a constant 3.0% slope
05164> 3.0%Slope_1-CB   Rating     0.000      0.0000
05165> 3.0%Slope_1-CB              0.010      0.0006
05166> 3.0%Slope_1-CB              0.020      0.0041
05167> 3.0%Slope_1-CB              0.030      0.0131
05168> 3.0%Slope_1-CB              0.040      0.0258
05169> 3.0%Slope_1-CB              0.050      0.0402
05170> 3.0%Slope_1-CB              0.060      0.0522
05171> 3.0%Slope_1-CB              0.070      0.0618
05172> 3.0%Slope_1-CB              0.080      0.0707
05173> 3.0%Slope_1-CB              0.090      0.0785
05174> 3.0%Slope_1-CB              0.100      0.0851
05175> 3.0%Slope_1-CB              0.110      0.0907
05176> 3.0%Slope_1-CB              0.120      0.0975
05177> 3.0%Slope_1-CB              0.130      0.1030
05178> 3.0%Slope_1-CB              0.140      0.1092
05179> 3.0%Slope_1-CB              0.150      0.1140
05180> 3.0%Slope_1-CB              0.160      0.1183
05181> 3.0%Slope_1-CB              0.170      0.1223
05182> 3.0%Slope_1-CB              0.180      0.1265
05183> 3.0%Slope_1-CB              0.190      0.1297
05184> 3.0%Slope_1-CB              0.200      0.1330
05185> 3.0%Slope_1-CB              0.210      0.1357
05186> 3.0%Slope_1-CB              0.220      0.1385
05187> 3.0%Slope_1-CB              0.230      0.1415
05188> 3.0%Slope_1-CB              0.240      0.1440
05189> 3.0%Slope_1-CB              0.250      0.1464
05190> 3.0%Slope_1-CB              0.260      0.1488
05191> 3.0%Slope_1-CB              0.270      0.1509
05192> 3.0%Slope_1-CB              0.280      0.1528
05193> 3.0%Slope_1-CB              0.290      0.1548
05194> 3.0%Slope_1-CB              0.300      0.1549
05195>
05196> ;Depth/Flow into 1 CBs on a constant 3.0% slope
05197> 3.0%Slope_2-CB   Rating     0.000      0.0000
05198> 3.0%Slope_2-CB              0.010      0.0012
05199> 3.0%Slope_2-CB              0.020      0.0083
05200> 3.0%Slope_2-CB              0.030      0.0243
05201> 3.0%Slope_2-CB              0.040      0.0516
05202> 3.0%Slope_2-CB              0.050      0.0804
05203> 3.0%Slope_2-CB              0.060      0.1044
05204> 3.0%Slope_2-CB              0.070      0.1236
05205> 3.0%Slope_2-CB              0.080      0.1414
05206> 3.0%Slope_2-CB              0.090      0.1570
05207> 3.0%Slope_2-CB              0.100      0.1701
05208> 3.0%Slope_2-CB              0.110      0.1815
05209> 3.0%Slope_2-CB              0.120      0.1951
05210> 3.0%Slope_2-CB              0.130      0.2060
05211> 3.0%Slope_2-CB              0.140      0.2184
05212> 3.0%Slope_2-CB              0.150      0.2280
05213> 3.0%Slope_2-CB              0.160      0.2366
05214> 3.0%Slope_2-CB              0.170      0.2446
05215> 3.0%Slope_2-CB              0.180      0.2529
05216> 3.0%Slope_2-CB              0.190      0.2594
05217> 3.0%Slope_2-CB              0.200      0.2660
05218> 3.0%Slope_2-CB              0.210      0.2713
05219> 3.0%Slope_2-CB              0.220      0.2770
05220> 3.0%Slope_2-CB              0.230      0.2830
05221> 3.0%Slope_2-CB              0.240      0.2881
05222> 3.0%Slope_2-CB              0.250      0.2927
05223> 3.0%Slope_2-CB              0.260      0.2976
05224> 3.0%Slope_2-CB              0.270      0.3018
05225> 3.0%Slope_2-CB              0.280      0.3057
05226> 3.0%Slope_2-CB              0.290      0.3097
05227> 3.0%Slope_2-CB              0.300      0.3098
05228>
05229> ;4 DCB on 2 lead pipes. DCB is limited by 300mm lead pipe at 1.2m head. Q= 281.2 L/s
05230> 4-DCB            Rating     0          0
05231> 4-DCB                       0.05       .5623
05232> 4-DCB                       1          .5624
05233>
05234> ;Based on 5yr rational method for A006PK1
05235> A006PK1-Onsite   Rating     0          0
05236> A006PK1-Onsite              0.1        0.023
05237> A006PK1-Onsite              0.3        0.024
05238>
05239> ;Based on 5yr rational method for A010DV1
05240> A010DV1-Onsite   Rating     0          0
05241> A010DV1-Onsite              0.1        0.227
05242> A010DV1-Onsite              0.3        0.228
05243>
05244> ;Based on 5yr rational method for A032SC1
05245> A032SC1-Onsite   Rating     0          0
05246> A032SC1-Onsite              0.1        0.239
05247> A032SC1-Onsite              0.3        0.240
05248>
05249> ;Based on 5yr rational method for A034SC1
05250> A034SC1-Onsite   Rating     0          0
05251> A034SC1-Onsite              0.1        0.231
```

```
05252> A034SC1-Onsite              0.3        0.232
05253>
05254> ;Based on 5yr rational method for A052DV1
05255> A052DV1-Onsite   Rating     0          0
05256> A052DV1-Onsite              0.1        0.248
05257> A052DV1-Onsite              0.3        0.249
05258>
05259> ;Based on 5yr rational method for A058PK1
05260> A058PK1-Onsite   Rating     0          0
05261> A058PK1-Onsite              0.1        0.269
05262> A058PK1-Onsite              0.3        0.270
05263>
05264> ;Based on 5yr rational method for A059PK1
05265> A059PK1-Onsite   Rating     0          0
05266> A059PK1-Onsite              0.1        0.037
05267> A059PK1-Onsite              0.3        0.038
05268>
05269> ;Based on 5yr rational method for A079DV1
05270> A079DV1-Onsite   Rating     0          0
05271> A079DV1-Onsite              0.1        .172
05272> A079DV1-Onsite              0.3        .173
05273>
05274> ;Based on 5yr rational method for A201DV1
05275> A201DV1-Onsite   Rating     0          0
05276> A201DV1-Onsite              0.1        0.290
05277> A201DV1-Onsite              0.3        0.291
05278>
05279> ;infiltrate rate 6mm/hr
05280> BG_Park-Infiltrate-Curve Rating     0          0.002133
05281> BG_Park-Infiltrate-Curve            0.5        0.002133
05282> BG_Park-Infiltrate-Curve            1          0.002133
05283>
05284> ;infiltration rate 6mm/hr
05285> BioSwale-East-Infiltrate Rating     0          0.000019
05286> BioSwale-East-Infiltrate            0.4        0.000079
05287> BioSwale-East-Infiltrate            1          0.000079
05288>
05289> ;infiltration rate 6 mm/hr
05290> BioSwaleWest-Infiltrate Rating     0          0.000020
05291> BioSwaleWest-Infiltrate            0.4        0.000083
05292> BioSwaleWest-Infiltrate            1          0.000083
05293>
05294> ;Bronte Road is to capture 10yr runoff discharge to the creek, larger events run onto the Bronte Green developement
05295> BronteRoad-10YrCapture Rating     0          0
05296> BronteRoad-10YrCapture            0.1        0.338
05297> BronteRoad-10YrCapture            0.3        0.338
05298>
05299> ;Bronte Road is to capture 10yr runoff discharge to the LID, larger events run overland to the creek
05300> BronteRoad-10YrCapture2 Rating     0          0
05301> BronteRoad-10YrCapture2            0.1        0.505
05302> BronteRoad-10YrCapture2            0.3        0.505
05303>
05304> ;Infiltration rate 6 mm/hr
05305> ;Based on infiltration area of 330m²
05306> BronteRoad-Infiltrate Rating     0          0.000550
05307> BronteRoad-Infiltrate            0.4        0.000550
05308> BronteRoad-Infiltrate            1          0.000550
05309>
05310> ;CB on single lead pipe, with access to only half of the steet flow. CB is limited by 250mm Lead pipe at 1.2m head.
05311> CB-Half_Street   Rating     0          0
05312> CB-Half_Street              0.05       0.09765
05313> CB-Half_Street              1          0.09766
05314>
05315> ;DCB on single lead pipe, with access to only half of the steet flow. Double CB is limited by 300mm Lead pipe at 1.
05316> DCB-Half_Street  Rating     0          0
05317> DCB-Half_Street              0.05       0.1405
05318> DCB-Half_Street              1          0.1406
05319>
05320> ;IPEX - Type A ICD
05321> ICD-A            Rating     0          0
05322> ICD-A                       0.01       0.0199
05323> ICD-A                       0.1        0.0207
05324> ICD-A                       0.2        0.0214
05325> ICD-A                       0.3        0.0222
05326> ICD-A                       0.6        0.0243
05327> ICD-A                       0.8        0.0256
05328>
05329> Street100yrCapture Rating     0          0
05330> Street100yrCapture            .3         5
05331>
05332> ;Infiltration rate 6 mm/hr
05333> ;Based on infiltration area of 120.50m²
05334> Trail-LID-10East-Infiltrate Rating     0          0.00019
05335> Trail-LID-10East-Infiltrate            0.5        0.00019
05336> Trail-LID-10East-Infiltrate            0.51       0.00019
05337> Trail-LID-10East-Infiltrate            2.5        0.00019
05338>
05339> ;Infiltration rate 6 mm/hr
05340> ;Based on infiltration area of 157.5m²
```

```
05341> Trail-LID-10West-Infiltrate Rating     0          0.00026
05342> Trail-LID-10West-Infiltrate            0.5        0.00026
05343> Trail-LID-10West-Infiltrate            0.51       0.00026
05344> Trail-LID-10West-Infiltrate            2.5        0.00026
05345>
05346> ;Infiltration rate 6 mm/hr
05347> ;Based on infiltration area of 227m²
05348> Trail-LID-1-Infiltrate Rating     0          0.00046
05349> Trail-LID-1-Infiltrate            0.5        0.00046
05350> Trail-LID-1-Infiltrate            0.51       0.00046
05351> Trail-LID-1-Infiltrate            2.5        0.00046
05352>
05353> ;Infiltration rate 6 mm/hr
05354> ;Based on infiltration area of 148m²
05355> Trail-LID-2-Infiltrate Rating     0          0.00025
05356> Trail-LID-2-Infiltrate            0.5        0.00025
05357> Trail-LID-2-Infiltrate            0.51       0.00025
05358> Trail-LID-2-Infiltrate            2.5        0.00025
05359>
05360> ;Infiltration rate 6 mm/hr
05361> ;Based on infiltration area of 50m²
05362> Trail-LID-3-Infiltrate Rating     0          0.00008
05363> Trail-LID-3-Infiltrate            0.5        0.00008
05364> Trail-LID-3-Infiltrate            0.51       0.00008
05365> Trail-LID-3-Infiltrate            2.5        0.00008
05366>
05367> ;Infiltration rate 6 mm/hr
05368> ;Based on infiltration area of 112.53m²
05369> Trail-LID-4-Infiltrate-East Rating     0          0.00019
05370> Trail-LID-4-Infiltrate-East            0.5        0.00019
05371> Trail-LID-4-Infiltrate-East            0.51       0.00019
05372> Trail-LID-4-Infiltrate-East            2.5        0.00019
05373>
05374> ;Infiltration rate 6 mm/hr
05375> ;Based on infiltration area of 116.3m²
05376> Trail-LID-4-Infiltrate-West Rating     0          0.00019
05377> Trail-LID-4-Infiltrate-West            0.5        0.00019
05378> Trail-LID-4-Infiltrate-West            0.51       0.00019
05379> Trail-LID-4-Infiltrate-West            2.5        0.00019
05380>
05381> ;Infiltration rate 6 mm/hr
05382> ;Based on infiltration area of 107.3m²
05383> Trail-LID-5-Infiltrate Rating     0          0.00018
05384> Trail-LID-5-Infiltrate            0.5        0.00018
05385> Trail-LID-5-Infiltrate            0.51       0.00018
05386> Trail-LID-5-Infiltrate            2.5        0.00018
05387>
05388> ;Infiltration rate 6 mm/hr
05389> ;Based on infiltration area of 258m²
05390> Trail-LID-6-Infiltrate Rating     0          0.00043
05391> Trail-LID-6-Infiltrate            0.5        0.00043
05392> Trail-LID-6-Infiltrate            0.51       0.00043
05393> Trail-LID-6-Infiltrate            2.5        0.00043
05394>
05395> ;Infiltration rate 6 mm/hr
05396> ;Based on infiltration area of 80.3m²
05397> Trail-LID-7-Infiltrate Rating     0          0.00013
05398> Trail-LID-7-Infiltrate            0.5        0.00013
05399> Trail-LID-7-Infiltrate            0.51       0.00013
05400> Trail-LID-7-Infiltrate            2.5        0.00013
05401>
05402> ;Infiltration rate 6 mm/hr
05403> ;Based on infiltration area of 68.3m²
05404> Trail-LID-8-Infiltrate Rating     0          0.00011
05405> Trail-LID-8-Infiltrate            0.5        0.00011
05406> Trail-LID-8-Infiltrate            0.51       0.00011
05407> Trail-LID-8-Infiltrate            2.5        0.00011
05408>
05409> ;Infiltration rate 6 mm/hr
05410> ;Based on infiltration area of 32.3m²
05411> Trail-LID-9-Infiltrate Rating     0          0.00005
05412> Trail-LID-9-Infiltrate            0.5        0.00005
05413> Trail-LID-9-Infiltrate            0.51       0.00005
05414> Trail-LID-9-Infiltrate            2.5        0.00005
05415>
05416> ;6mm/hr infiltration rate
05417> ;Infiltration rate 6 mm/hr
05418> ;Based on infiltration area of 245m²
05419> UrbanSquare-Infiltrate Rating     0          0.000408
05420> UrbanSquare-Infiltrate            0.5        0.000408
05421> UrbanSquare-Infiltrate            1          0.000408
05422>
05423> BGPark-LID-Curve Storage    0          448
05424> BGPark-LID-Curve            0.5        448
05425> BGPark-LID-Curve            0.501      0.1
05426> BGPark-LID-Curve            4          0.1
05427>
05428> ;Based on 601_StageStorage_Mar1418.xlsx
05429> ;Provided by DSEL March 15 2018
```

```
05430> BG-SWM_POND      Storage    0          8731.1
05431> BG-SWM_POND                 0.05       8756.6
05432> BG-SWM_POND                 0.1        9031.5
05433> BG-SWM_POND                 0.15       9270.8
05434> BG-SWM_POND                 0.2        9503.1
05435> BG-SWM_POND                 0.25       9795.4
05436> BG-SWM_POND                 0.3        9801.9
05437> BG-SWM_POND                 0.35       9882.7
05438> BG-SWM_POND                 0.4        10173.7
05439> BG-SWM_POND                 0.45       10386.8
05440> BG-SWM_POND                 0.5        10576.2
05441> BG-SWM_POND                 0.55       10734.0
05442> BG-SWM_POND                 0.6        10898.5
05443> BG-SWM_POND                 0.65       11071.5
05444> BG-SWM_POND                 0.7        11254.9
05445> BG-SWM_POND                 0.75       11512.3
05446> BG-SWM_POND                 0.8        11554.0
05447> BG-SWM_POND                 0.85       11563.3
05448> BG-SWM_POND                 0.9        11698.0
05449> BG-SWM_POND                 0.95       11780.7
05450> BG-SWM_POND                 1          11862.9
05451> BG-SWM_POND                 1.05       11936.6
05452> BG-SWM_POND                 1.1        12009.6
05453> BG-SWM_POND                 1.15       12081.4
05454> BG-SWM_POND                 1.2        12157.3
05455> BG-SWM_POND                 1.25       12229.8
05456> BG-SWM_POND                 1.3        12304.7
05457> BG-SWM_POND                 1.35       12377.5
05458> BG-SWM_POND                 1.4        12454.3
05459> BG-SWM_POND                 1.45       12527.7
05460> BG-SWM_POND                 1.5        12601.7
05461> BG-SWM_POND                 1.55       12679.3
05462> BG-SWM_POND                 1.6        12750.6
05463> BG-SWM_POND                 1.65       12825.7
05464> BG-SWM_POND                 1.7        12901.6
05465> BG-SWM_POND                 1.75       12973.7
05466> BG-SWM_POND                 1.8        13051.6
05467> BG-SWM_POND                 1.85       13124.1
05468> BG-SWM_POND                 1.9        13200.5
05469> BG-SWM_POND                 1.95       13275.0
05470> BG-SWM_POND                 2          13349.7
05471> BG-SWM_POND                 2.05       13424.5
05472> BG-SWM_POND                 2.1        13502.3
05473> BG-SWM_POND                 2.15       13574.3
05474> BG-SWM_POND                 2.2        13649.7
05475> BG-SWM_POND                 2.25       13726.8
05476> BG-SWM_POND                 2.3        13801.3
05477> BG-SWM_POND                 2.35       13879.2
05478> BG-SWM_POND                 2.4        13952.7
05479> BG-SWM_POND                 2.45       14030.7
05480> BG-SWM_POND                 2.5        14107.1
05481> BG-SWM_POND                 2.55       14183.9
05482> BG-SWM_POND                 2.6        14260.6
05483> BG-SWM_POND                 2.65       14340.6
05484> BG-SWM_POND                 2.7        14419.2
05485> BG-SWM_POND                 2.75       14497.9
05486> BG-SWM_POND                 2.8        14577.5
05487> BG-SWM_POND                 2.85       14659.1
05488> BG-SWM_POND                 2.9        14739.9
05489> BG-SWM_POND                 2.95       14821.2
05490> BG-SWM_POND                 3          14902.7
05491> BG-SWM_POND                 3.05       14982.8
05492> BG-SWM_POND                 3.1        15064.5
05493> BG-SWM_POND                 3.15       15148.0
05494> BG-SWM_POND                 3.2        15232.7
05495> BG-SWM_POND                 3.25       15314.7
05496> BG-SWM_POND                 3.3        15398.2
05497> BG-SWM_POND                 3.35       15495.5
05498> BG-SWM_POND                 3.4        15570.9
05499> BG-SWM_POND                 3.45       15707.4
05500> BG-SWM_POND                 3.5        15768.1
05501> BG-SWM_POND                 3.55       17257.1
05502> BG-SWM_POND                 3.6        17313.4
05503> BG-SWM_POND                 3.65       17560.6
05504> BG-SWM_POND                 3.7        17714.1
05505> BG-SWM_POND                 3.75       17941.2
05506> BG-SWM_POND                 3.8        18112.6
05507> BG-SWM_POND                 3.85       18286.3
05508> BG-SWM_POND                 3.9        18432.4
05509> BG-SWM_POND                 3.95       18617.6
05510> BG-SWM_POND                 4          18718.3
05511> BG-SWM_POND                 4.05       18950.9
05512> BG-SWM_POND                 4.1        18952.6
05513> BG-SWM_POND                 4.15       18976.7
05514> BG-SWM_POND                 4.2        18976.7
05515> BG-SWM_POND                 4.25       18976.7
05516> BG-SWM_POND                 4.3        18976.7
05517>
05518> ;BioSwale with void ratio 0.35 applied on 11.56m²  bottom and 47.35m² top taken from CAD
```

```
05519> BioSwaleEast-Curve Storage    0          4.046
05520> BioSwaleEast-Curve            0.4        16.5725
05521> BioSwaleEast-Curve            0.41       0.1
05522> BioSwaleEast-Curve            1          0.1
05523>
05524> ;BioSwale with void ratio 0.35 applied on 11.84m²  bottom and 49.54m² top taken from CAD
05525> BioSwaleWest-Curve Storage    0          4.144
05526> BioSwaleWest-Curve            0.4        17.339
05527> BioSwaleWest-Curve            0.401      0.1
05528> BioSwaleWest-Curve            1          0.1
05529>
05530> ;underground infiltration trench storage with void ratio 0.35 applied on 330 m2 taken from CAD
05531> BronteRoad-LID-Curve Storage    0          115.5
05532> BronteRoad-LID-Curve            0.4        115.5
05533> BronteRoad-LID-Curve            0.401      0.1
05534> BronteRoad-LID-Curve            2          0.1
05535>
05536> ;underground infiltration trench storage with void ratio 0.35 applied on 114 m2 taken from CAD
05537> Trail-LID-10East Storage    0          39.9
05538> Trail-LID-10East            0.5        39.9
05539> Trail-LID-10East            0.51       0.01
05540> Trail-LID-10East            2.5        0.01
05541>
05542> ;underground infiltration trench storage with void ratio 0.35 applied on 157.5 m2 taken from CAD
05543> Trail-LID-10West Storage    0          55.13
05544> Trail-LID-10West            0.5        55.13
05545> Trail-LID-10West            0.51       0.01
05546> Trail-LID-10West            2.5        0.01
05547>
05548> ;underground infiltration trench storage with void ratio 0.35 applied on 277 m2 taken from CAD
05549> Trail-LID-1-Curve Storage    0          96.95
05550> Trail-LID-1-Curve            0.5        96.95
05551> Trail-LID-1-Curve            0.51       0.01
05552> Trail-LID-1-Curve            2.5        0.01
05553>
05554> ;underground infiltration trench storage with void ratio 0.35 applied on 148 m2 taken from CAD
05555> Trail-LID-2-Curve Storage    0          51.8
05556> Trail-LID-2-Curve            0.5        51.8
05557> Trail-LID-2-Curve            0.51       0.01
05558> Trail-LID-2-Curve            2.5        0.01
05559>
05560> ;underground infiltration trench storage with void ratio 0.35 applied on 50 m2 taken from CAD
05561> Trail-LID-3-Curve Storage    0          17.5
05562> Trail-LID-3-Curve            0.5        17.5
05563> Trail-LID-3-Curve            0.51       0.01
05564> Trail-LID-3-Curve            2.5        0.01
05565>
05566> ;underground infiltration trench storage with void ratio 0.35 applied on 112.25 m2 taken from CAD
05567> Trail-LID-4-East-Curve Storage    0          39.375
05568> Trail-LID-4-East-Curve            0.5        39.375
05569> Trail-LID-4-East-Curve            0.51       0.01
05570> Trail-LID-4-East-Curve            2.5        0.01
05571>
05572> ;underground infiltration trench storage with void ratio 0.35 applied on 116.25 m2 taken from CAD
05573> Trail-LID-4-West-Curve Storage    0          40.6875
05574> Trail-LID-4-West-Curve            0.5        40.6875
05575> Trail-LID-4-West-Curve            0.51       0.01
05576> Trail-LID-4-West-Curve            2.5        0.01
05577>
05578> ;underground infiltration trench storage with void ratio 0.35 applied on 107 m2 taken from CAD
05579> Trail-LID-5-Curve Storage    0          37.45
05580> Trail-LID-5-Curve            0.5        37.45
05581> Trail-LID-5-Curve            0.51       0.01
05582> Trail-LID-5-Curve            2.5        0.01
05583>
05584> ;underground infiltration trench storage with void ratio 0.35 applied on 258 m2 taken from CAD
05585> Trail-LID-6-Curve Storage    0          90.3
05586> Trail-LID-6-Curve            0.5        90.3
05587> Trail-LID-6-Curve            0.51       0.01
05588> Trail-LID-6-Curve            2.5        0.01
05589>
05590> ;underground infiltration trench storage with void ratio 0.35 applied on 80.3 m2 taken from CAD
05591> Trail-LID-7-Curve Storage    0          28.09
05592> Trail-LID-7-Curve            0.5        28.09
05593> Trail-LID-7-Curve            0.51       0.01
05594> Trail-LID-7-Curve            2.5        0.01
05595>
05596> ;underground infiltration trench storage with void ratio 0.35 applied on 68 m2 taken from CAD
05597> Trail-LID-8-Curve Storage    0          23.8
05598> Trail-LID-8-Curve            0.5        23.8
05599> Trail-LID-8-Curve            0.51       0.01
05600> Trail-LID-8-Curve            2.5        0.01
05601>
05602> ;underground infiltration trench storage with void ratio 0.35 applied on 32 m2 taken from CAD
05603> Trail-LID-9-Curve Storage    0          11.29
05604> Trail-LID-9-Curve            0.5        11.29
05605> Trail-LID-9-Curve            0.51       0.01
05606> Trail-LID-9-Curve            2.5        0.01
05607>
```

```
05608> ;underground infiltration trench storage with void ratio 0.35 applied on 245 m2 taken from CAD
05609> UrbanSquare-LID-Curve Storage    0          85.75
05610> UrbanSquare-LID-Curve            0.5        85.75
05611> UrbanSquare-LID-Curve            0.501      0.1
05612> UrbanSquare-LID-Curve            2          0.1
05613>
05614> [TIMESERIES]
05615> ;;Name           Date       Time       Value
05616> ;;-------------- ---------- ---------- ----------
05617> ;Rainfall (mm/hr)
05618> 002yrChicago24hr 01/01/2016 00:00:00   0
05619> 002yrChicago24hr 01/01/2016 00:10:00   0.4
05620> 002yrChicago24hr 01/01/2016 00:20:00   0.41
05621> 002yrChicago24hr 01/01/2016 00:30:00   0.41
05622> 002yrChicago24hr 01/01/2016 00:40:00   0.42
05623> 002yrChicago24hr 01/01/2016 00:50:00   0.43
05624> 002yrChicago24hr 01/01/2016 01:00:00   0.44
05625> 002yrChicago24hr 01/01/2016 01:10:00   0.45
05626> 002yrChicago24hr 01/01/2016 01:20:00   0.46
05627> 002yrChicago24hr 01/01/2016 01:30:00   0.47
05628> 002yrChicago24hr 01/01/2016 01:40:00   0.48
05629> 002yrChicago24hr 01/01/2016 01:50:00   0.49
05630> 002yrChicago24hr 01/01/2016 02:00:00   0.5
05631> 002yrChicago24hr 01/01/2016 02:10:00   0.51
05632> 002yrChicago24hr 01/01/2016 02:20:00   0.52
05633> 002yrChicago24hr 01/01/2016 02:30:00   0.54
05634> 002yrChicago24hr 01/01/2016 02:40:00   0.55
05635> 002yrChicago24hr 01/01/2016 02:50:00   0.56
05636> 002yrChicago24hr 01/01/2016 03:00:00   0.58
05637> 002yrChicago24hr 01/01/2016 03:10:00   0.6
05638> 002yrChicago24hr 01/01/2016 03:20:00   0.61
05639> 002yrChicago24hr 01/01/2016 03:30:00   0.63
05640> 002yrChicago24hr 01/01/2016 03:40:00   0.65
05641> 002yrChicago24hr 01/01/2016 03:50:00   0.67
05642> 002yrChicago24hr 01/01/2016 04:00:00   0.7
05643> 002yrChicago24hr 01/01/2016 04:10:00   0.72
05644> 002yrChicago24hr 01/01/2016 04:20:00   0.75
05645> 002yrChicago24hr 01/01/2016 04:30:00   0.78
05646> 002yrChicago24hr 01/01/2016 04:40:00   0.81
05647> 002yrChicago24hr 01/01/2016 04:50:00   0.85
05648> 002yrChicago24hr 01/01/2016 05:00:00   0.89
05649> 002yrChicago24hr 01/01/2016 05:10:00   0.93
05650> 002yrChicago24hr 01/01/2016 05:20:00   0.98
05651> 002yrChicago24hr 01/01/2016 05:30:00   1.04
05652> 002yrChicago24hr 01/01/2016 05:40:00   1.1
05653> 002yrChicago24hr 01/01/2016 05:50:00   1.17
05654> 002yrChicago24hr 01/01/2016 06:00:00   1.26
05655> 002yrChicago24hr 01/01/2016 06:10:00   1.35
05656> 002yrChicago24hr 01/01/2016 06:20:00   1.47
05657> 002yrChicago24hr 01/01/2016 06:30:00   1.61
05658> 002yrChicago24hr 01/01/2016 06:40:00   1.79
05659> 002yrChicago24hr 01/01/2016 06:50:00   2.02
05660> 002yrChicago24hr 01/01/2016 07:00:00   2.32
05661> 002yrChicago24hr 01/01/2016 07:10:00   2.74
05662> 002yrChicago24hr 01/01/2016 07:20:00   3.39
05663> 002yrChicago24hr 01/01/2016 07:30:00   4.51
05664> 002yrChicago24hr 01/01/2016 07:40:00   6.95
05665> 002yrChicago24hr 01/01/2016 07:50:00   17.3
05666> 002yrChicago24hr 01/01/2016 08:00:00   82.18
05667> 002yrChicago24hr 01/01/2016 08:10:00   23.06
05668> 002yrChicago24hr 01/01/2016 08:20:00   11.78
05669> 002yrChicago24hr 01/01/2016 08:30:00   7.99
05670> 002yrChicago24hr 01/01/2016 08:40:00   6.09
05671> 002yrChicago24hr 01/01/2016 08:50:00   4.95
05672> 002yrChicago24hr 01/01/2016 09:00:00   4.19
05673> 002yrChicago24hr 01/01/2016 09:10:00   3.64
05674> 002yrChicago24hr 01/01/2016 09:20:00   3.23
05675> 002yrChicago24hr 01/01/2016 09:30:00   2.91
05676> 002yrChicago24hr 01/01/2016 09:40:00   2.65
05677> 002yrChicago24hr 01/01/2016 09:50:00   2.44
05678> 002yrChicago24hr 01/01/2016 10:00:00   2.26
05679> 002yrChicago24hr 01/01/2016 10:10:00   2.11
05680> 002yrChicago24hr 01/01/2016 10:20:00   1.98
05681> 002yrChicago24hr 01/01/2016 10:30:00   1.86
05682> 002yrChicago24hr 01/01/2016 10:40:00   1.76
05683> 002yrChicago24hr 01/01/2016 10:50:00   1.67
05684> 002yrChicago24hr 01/01/2016 11:00:00   1.59
05685> 002yrChicago24hr 01/01/2016 11:10:00   1.52
05686> 002yrChicago24hr 01/01/2016 11:20:00   1.46
05687> 002yrChicago24hr 01/01/2016 11:30:00   1.4
05688> 002yrChicago24hr 01/01/2016 11:40:00   1.34
05689> 002yrChicago24hr 01/01/2016 11:50:00   1.29
05690> 002yrChicago24hr 01/01/2016 12:00:00   1.25
05691> 002yrChicago24hr 01/01/2016 12:10:00   1.21
05692> 002yrChicago24hr 01/01/2016 12:20:00   1.17
05693> 002yrChicago24hr 01/01/2016 12:30:00   1.13
05694> 002yrChicago24hr 01/01/2016 12:40:00   1.1
05695> 002yrChicago24hr 01/01/2016 12:50:00   1.06
05696> 002yrChicago24hr 01/01/2016 13:00:00   1.03
```

```
05697> 002yrChicago24hr 01/01/2016 13:10:00   1.01
05698> 002yrChicago24hr 01/01/2016 13:20:00   0.98
05699> 002yrChicago24hr 01/01/2016 13:30:00   0.96
05700> 002yrChicago24hr 01/01/2016 13:40:00   0.93
05701> 002yrChicago24hr 01/01/2016 13:50:00   0.91
05702> 002yrChicago24hr 01/01/2016 14:00:00   0.89
05703> 002yrChicago24hr 01/01/2016 14:10:00   0.87
05704> 002yrChicago24hr 01/01/2016 14:20:00   0.85
05705> 002yrChicago24hr 01/01/2016 14:30:00   0.83
05706> 002yrChicago24hr 01/01/2016 14:40:00   0.81
05707> 002yrChicago24hr 01/01/2016 14:50:00   0.8
05708> 002yrChicago24hr 01/01/2016 15:00:00   0.78
05709> 002yrChicago24hr 01/01/2016 15:10:00   0.77
05710> 002yrChicago24hr 01/01/2016 15:20:00   0.75
05711> 002yrChicago24hr 01/01/2016 15:30:00   0.74
05712> 002yrChicago24hr 01/01/2016 15:40:00   0.73
05713> 002yrChicago24hr 01/01/2016 15:50:00   0.71
05714> 002yrChicago24hr 01/01/2016 16:00:00   0.7
05715> 002yrChicago24hr 01/01/2016 16:10:00   0.69
05716> 002yrChicago24hr 01/01/2016 16:20:00   0.68
05717> 002yrChicago24hr 01/01/2016 16:30:00   0.67
05718> 002yrChicago24hr 01/01/2016 16:40:00   0.66
05719> 002yrChicago24hr 01/01/2016 16:50:00   0.64
05720> 002yrChicago24hr 01/01/2016 17:00:00   0.64
05721> 002yrChicago24hr 01/01/2016 17:10:00   0.63
05722> 002yrChicago24hr 01/01/2016 17:20:00   0.62
05723> 002yrChicago24hr 01/01/2016 17:30:00   0.61
05724> 002yrChicago24hr 01/01/2016 17:40:00   0.6
05725> 002yrChicago24hr 01/01/2016 17:50:00   0.59
05726> 002yrChicago24hr 01/01/2016 18:00:00   0.58
05727> 002yrChicago24hr 01/01/2016 18:10:00   0.57
05728> 002yrChicago24hr 01/01/2016 18:20:00   0.57
05729> 002yrChicago24hr 01/01/2016 18:30:00   0.56
05730> 002yrChicago24hr 01/01/2016 18:40:00   0.55
05731> 002yrChicago24hr 01/01/2016 18:50:00   0.55
05732> 002yrChicago24hr 01/01/2016 19:00:00   0.54
05733> 002yrChicago24hr 01/01/2016 19:10:00   0.53
05734> 002yrChicago24hr 01/01/2016 19:20:00   0.53
05735> 002yrChicago24hr 01/01/2016 19:30:00   0.52
05736> 002yrChicago24hr 01/01/2016 19:40:00   0.51
05737> 002yrChicago24hr 01/01/2016 19:50:00   0.51
05738> 002yrChicago24hr 01/01/2016 20:00:00   0.5
05739> 002yrChicago24hr 01/01/2016 20:10:00   0.5
05740> 002yrChicago24hr 01/01/2016 20:20:00   0.49
05741> 002yrChicago24hr 01/01/2016 20:30:00   0.48
05742> 002yrChicago24hr 01/01/2016 20:40:00   0.48
05743> 002yrChicago24hr 01/01/2016 20:50:00   0.47
05744> 002yrChicago24hr 01/01/2016 21:00:00   0.47
05745> 002yrChicago24hr 01/01/2016 21:10:00   0.46
05746> 002yrChicago24hr 01/01/2016 21:20:00   0.46
05747> 002yrChicago24hr 01/01/2016 21:30:00   0.46
05748> 002yrChicago24hr 01/01/2016 21:40:00   0.45
05749> 002yrChicago24hr 01/01/2016 21:50:00   0.45
05750> 002yrChicago24hr 01/01/2016 22:00:00   0.44
05751> 002yrChicago24hr 01/01/2016 22:10:00   0.44
05752> 002yrChicago24hr 01/01/2016 22:20:00   0.43
05753> 002yrChicago24hr 01/01/2016 22:30:00   0.43
05754> 002yrChicago24hr 01/01/2016 22:40:00   0.43
05755> 002yrChicago24hr 01/01/2016 22:50:00   0.42
05756> 002yrChicago24hr 01/01/2016 23:00:00   0.42
05757> 002yrChicago24hr 01/01/2016 23:10:00   0.41
05758> 002yrChicago24hr 01/01/2016 23:20:00   0.41
05759> 002yrChicago24hr 01/01/2016 23:30:00   0.41
05760> 002yrChicago24hr 01/01/2016 23:40:00   0.4
05761> 002yrChicago24hr 01/01/2016 23:50:00   0.4
05762> 002yrChicago24hr 01/02/2016 00:00:00   0.4
05763>
05764> ;Rainfall (mm/hr)
05765> 005yrChicago24hr 01/01/2016 00:00:00   0
05766> 005yrChicago24hr 01/01/2016 00:10:00   0.41
05767> 005yrChicago24hr 01/01/2016 00:20:00   0.42
05768> 005yrChicago24hr 01/01/2016 00:30:00   0.43
05769> 005yrChicago24hr 01/01/2016 00:40:00   0.44
05770> 005yrChicago24hr 01/01/2016 00:50:00   0.44
05771> 005yrChicago24hr 01/01/2016 01:00:00   0.45
05772> 005yrChicago24hr 01/01/2016 01:10:00   0.46
05773> 005yrChicago24hr 01/01/2016 01:20:00   0.47
05774> 005yrChicago24hr 01/01/2016 01:30:00   0.48
05775> 005yrChicago24hr 01/01/2016 01:40:00   0.5
05776> 005yrChicago24hr 01/01/2016 01:50:00   0.51
05777> 005yrChicago24hr 01/01/2016 02:00:00   0.52
05778> 005yrChicago24hr 01/01/2016 02:10:00   0.53
05779> 005yrChicago24hr 01/01/2016 02:20:00   0.55
05780> 005yrChicago24hr 01/01/2016 02:30:00   0.56
05781> 005yrChicago24hr 01/01/2016 02:40:00   0.58
05782> 005yrChicago24hr 01/01/2016 02:50:00   0.59
05783> 005yrChicago24hr 01/01/2016 03:00:00   0.61
05784> 005yrChicago24hr 01/01/2016 03:10:00   0.63
05785> 005yrChicago24hr 01/01/2016 03:20:00   0.65
```

```
05786> 005yrChicago24hr 01/01/2016 03:30:00   0.67
05787> 005yrChicago24hr 01/01/2016 03:40:00   0.69
05788> 005yrChicago24hr 01/01/2016 03:50:00   0.71
05789> 005yrChicago24hr 01/01/2016 04:00:00   0.74
05790> 005yrChicago24hr 01/01/2016 04:10:00   0.77
05791> 005yrChicago24hr 01/01/2016 04:20:00   0.8
05792> 005yrChicago24hr 01/01/2016 04:30:00   0.83
05793> 005yrChicago24hr 01/01/2016 04:40:00   0.87
05794> 005yrChicago24hr 01/01/2016 04:50:00   0.91
05795> 005yrChicago24hr 01/01/2016 05:00:00   0.96
05796> 005yrChicago24hr 01/01/2016 05:10:00   1.01
05797> 005yrChicago24hr 01/01/2016 05:20:00   1.06
05798> 005yrChicago24hr 01/01/2016 05:30:00   1.13
05799> 005yrChicago24hr 01/01/2016 05:40:00   1.2
05800> 005yrChicago24hr 01/01/2016 05:50:00   1.28
05801> 005yrChicago24hr 01/01/2016 06:00:00   1.38
05802> 005yrChicago24hr 01/01/2016 06:10:00   1.5
05803> 005yrChicago24hr 01/01/2016 06:20:00   1.64
05804> 005yrChicago24hr 01/01/2016 06:30:00   1.81
05805> 005yrChicago24hr 01/01/2016 06:40:00   2.02
05806> 005yrChicago24hr 01/01/2016 06:50:00   2.3
05807> 005yrChicago24hr 01/01/2016 07:00:00   2.68
05808> 005yrChicago24hr 01/01/2016 07:10:00   3.21
05809> 005yrChicago24hr 01/01/2016 07:20:00   4.05
05810> 005yrChicago24hr 01/01/2016 07:30:00   5.53
05811> 005yrChicago24hr 01/01/2016 07:40:00   8.89
05812> 005yrChicago24hr 01/01/2016 07:50:00   23.9
05813> 005yrChicago24hr 01/01/2016 08:00:00   114.21
05814> 005yrChicago24hr 01/01/2016 08:10:00   32.36
05815> 005yrChicago24hr 01/01/2016 08:20:00   15.8
05816> 005yrChicago24hr 01/01/2016 08:30:00   10.34
05817> 005yrChicago24hr 01/01/2016 08:40:00   7.68
05818> 005yrChicago24hr 01/01/2016 08:50:00   6.11
05819> 005yrChicago24hr 01/01/2016 09:00:00   5.09
05820> 005yrChicago24hr 01/01/2016 09:10:00   4.37
05821> 005yrChicago24hr 01/01/2016 09:20:00   3.83
05822> 005yrChicago24hr 01/01/2016 09:30:00   3.42
05823> 005yrChicago24hr 01/01/2016 09:40:00   3.09
05824> 005yrChicago24hr 01/01/2016 09:50:00   2.82
05825> 005yrChicago24hr 01/01/2016 10:00:00   2.6
05826> 005yrChicago24hr 01/01/2016 10:10:00   2.41
05827> 005yrChicago24hr 01/01/2016 10:20:00   2.25
05828> 005yrChicago24hr 01/01/2016 10:30:00   2.11
05829> 005yrChicago24hr 01/01/2016 10:40:00   1.99
05830> 005yrChicago24hr 01/01/2016 10:50:00   1.88
05831> 005yrChicago24hr 01/01/2016 11:00:00   1.78
05832> 005yrChicago24hr 01/01/2016 11:10:00   1.7
05833> 005yrChicago24hr 01/01/2016 11:20:00   1.62
05834> 005yrChicago24hr 01/01/2016 11:30:00   1.55
05835> 005yrChicago24hr 01/01/2016 11:40:00   1.49
05836> 005yrChicago24hr 01/01/2016 11:50:00   1.43
05837> 005yrChicago24hr 01/01/2016 12:00:00   1.37
05838> 005yrChicago24hr 01/01/2016 12:10:00   1.32
05839> 005yrChicago24hr 01/01/2016 12:20:00   1.28
05840> 005yrChicago24hr 01/01/2016 12:30:00   1.24
05841> 005yrChicago24hr 01/01/2016 12:40:00   1.2
05842> 005yrChicago24hr 01/01/2016 12:50:00   1.16
05843> 005yrChicago24hr 01/01/2016 13:00:00   1.13
05844> 005yrChicago24hr 01/01/2016 13:10:00   1.09
05845> 005yrChicago24hr 01/01/2016 13:20:00   1.06
05846> 005yrChicago24hr 01/01/2016 13:30:00   1.03
05847> 005yrChicago24hr 01/01/2016 13:40:00   1.01
05848> 005yrChicago24hr 01/01/2016 13:50:00   0.98
05849> 005yrChicago24hr 01/01/2016 14:00:00   0.96
05850> 005yrChicago24hr 01/01/2016 14:10:00   0.93
05851> 005yrChicago24hr 01/01/2016 14:20:00   0.91
05852> 005yrChicago24hr 01/01/2016 14:30:00   0.89
05853> 005yrChicago24hr 01/01/2016 14:40:00   0.87
05854> 005yrChicago24hr 01/01/2016 14:50:00   0.85
05855> 005yrChicago24hr 01/01/2016 15:00:00   0.84
05856> 005yrChicago24hr 01/01/2016 15:10:00   0.82
05857> 005yrChicago24hr 01/01/2016 15:20:00   0.8
05858> 005yrChicago24hr 01/01/2016 15:30:00   0.79
05859> 005yrChicago24hr 01/01/2016 15:40:00   0.77
05860> 005yrChicago24hr 01/01/2016 15:50:00   0.76
05861> 005yrChicago24hr 01/01/2016 16:00:00   0.74
05862> 005yrChicago24hr 01/01/2016 16:10:00   0.73
05863> 005yrChicago24hr 01/01/2016 16:20:00   0.72
05864> 005yrChicago24hr 01/01/2016 16:30:00   0.71
05865> 005yrChicago24hr 01/01/2016 16:40:00   0.69
05866> 005yrChicago24hr 01/01/2016 16:50:00   0.68
05867> 005yrChicago24hr 01/01/2016 17:00:00   0.67
05868> 005yrChicago24hr 01/01/2016 17:10:00   0.66
05869> 005yrChicago24hr 01/01/2016 17:20:00   0.65
05870> 005yrChicago24hr 01/01/2016 17:30:00   0.64
05871> 005yrChicago24hr 01/01/2016 17:40:00   0.63
05872> 005yrChicago24hr 01/01/2016 17:50:00   0.62
05873> 005yrChicago24hr 01/01/2016 18:00:00   0.61
05874> 005yrChicago24hr 01/01/2016 18:10:00   0.6
```

```
05875> 005yrChicago24hr 01/01/2016 18:20:00   0.59
05876> 005yrChicago24hr 01/01/2016 18:30:00   0.59
05877> 005yrChicago24hr 01/01/2016 18:40:00   0.58
05878> 005yrChicago24hr 01/01/2016 18:50:00   0.57
05879> 005yrChicago24hr 01/01/2016 19:00:00   0.56
05880> 005yrChicago24hr 01/01/2016 19:10:00   0.56
05881> 005yrChicago24hr 01/01/2016 19:20:00   0.55
05882> 005yrChicago24hr 01/01/2016 19:30:00   0.54
05883> 005yrChicago24hr 01/01/2016 19:40:00   0.54
05884> 005yrChicago24hr 01/01/2016 19:50:00   0.53
05885> 005yrChicago24hr 01/01/2016 20:00:00   0.52
05886> 005yrChicago24hr 01/01/2016 20:10:00   0.52
05887> 005yrChicago24hr 01/01/2016 20:20:00   0.51
05888> 005yrChicago24hr 01/01/2016 20:30:00   0.5
05889> 005yrChicago24hr 01/01/2016 20:40:00   0.5
05890> 005yrChicago24hr 01/01/2016 20:50:00   0.49
05891> 005yrChicago24hr 01/01/2016 21:00:00   0.49
05892> 005yrChicago24hr 01/01/2016 21:10:00   0.48
05893> 005yrChicago24hr 01/01/2016 21:20:00   0.48
05894> 005yrChicago24hr 01/01/2016 21:30:00   0.47
05895> 005yrChicago24hr 01/01/2016 21:40:00   0.47
05896> 005yrChicago24hr 01/01/2016 21:50:00   0.46
05897> 005yrChicago24hr 01/01/2016 22:00:00   0.46
05898> 005yrChicago24hr 01/01/2016 22:10:00   0.45
05899> 005yrChicago24hr 01/01/2016 22:20:00   0.45
05900> 005yrChicago24hr 01/01/2016 22:30:00   0.44
05901> 005yrChicago24hr 01/01/2016 22:40:00   0.44
05902> 005yrChicago24hr 01/01/2016 22:50:00   0.44
05903> 005yrChicago24hr 01/01/2016 23:00:00   0.43
05904> 005yrChicago24hr 01/01/2016 23:10:00   0.43
05905> 005yrChicago24hr 01/01/2016 23:20:00   0.42
05906> 005yrChicago24hr 01/01/2016 23:30:00   0.42
05907> 005yrChicago24hr 01/01/2016 23:40:00   0.42
05908> 005yrChicago24hr 01/01/2016 23:50:00   0.41
05909> 005yrChicago24hr 01/02/2016 00:00:00   0.41
05910>
05911> ;Rainfall (mm/hr)
05912> 010yrChicago24hr 01/01/2016 00:00:00   0
05913> 010yrChicago24hr 01/01/2016 00:10:00   0.46
05914> 010yrChicago24hr 01/01/2016 00:20:00   0.47
05915> 010yrChicago24hr 01/01/2016 00:30:00   0.48
05916> 010yrChicago24hr 01/01/2016 00:40:00   0.49
05917> 010yrChicago24hr 01/01/2016 00:50:00   0.5
05918> 010yrChicago24hr 01/01/2016 01:00:00   0.51
05919> 010yrChicago24hr 01/01/2016 01:10:00   0.52
05920> 010yrChicago24hr 01/01/2016 01:20:00   0.53
05921> 010yrChicago24hr 01/01/2016 01:30:00   0.54
05922> 010yrChicago24hr 01/01/2016 01:40:00   0.55
05923> 010yrChicago24hr 01/01/2016 01:50:00   0.57
05924> 010yrChicago24hr 01/01/2016 02:00:00   0.58
05925> 010yrChicago24hr 01/01/2016 02:10:00   0.6
05926> 010yrChicago24hr 01/01/2016 02:20:00   0.61
05927> 010yrChicago24hr 01/01/2016 02:30:00   0.63
05928> 010yrChicago24hr 01/01/2016 02:40:00   0.64
05929> 010yrChicago24hr 01/01/2016 02:50:00   0.66
05930> 010yrChicago24hr 01/01/2016 03:00:00   0.68
05931> 010yrChicago24hr 01/01/2016 03:10:00   0.7
05932> 010yrChicago24hr 01/01/2016 03:20:00   0.73
05933> 010yrChicago24hr 01/01/2016 03:30:00   0.75
05934> 010yrChicago24hr 01/01/2016 03:40:00   0.77
05935> 010yrChicago24hr 01/01/2016 03:50:00   0.8
05936> 010yrChicago24hr 01/01/2016 04:00:00   0.83
05937> 010yrChicago24hr 01/01/2016 04:10:00   0.86
05938> 010yrChicago24hr 01/01/2016 04:20:00   0.9
05939> 010yrChicago24hr 01/01/2016 04:30:00   0.94
05940> 010yrChicago24hr 01/01/2016 04:40:00   0.98
05941> 010yrChicago24hr 01/01/2016 04:50:00   1.02
05942> 010yrChicago24hr 01/01/2016 05:00:00   1.08
05943> 010yrChicago24hr 01/01/2016 05:10:00   1.13
05944> 010yrChicago24hr 01/01/2016 05:20:00   1.2
05945> 010yrChicago24hr 01/01/2016 05:30:00   1.27
05946> 010yrChicago24hr 01/01/2016 05:40:00   1.35
05947> 010yrChicago24hr 01/01/2016 05:50:00   1.45
05948> 010yrChicago24hr 01/01/2016 06:00:00   1.56
05949> 010yrChicago24hr 01/01/2016 06:10:00   1.69
05950> 010yrChicago24hr 01/01/2016 06:20:00   1.85
05951> 010yrChicago24hr 01/01/2016 06:30:00   2.04
05952> 010yrChicago24hr 01/01/2016 06:40:00   2.29
05953> 010yrChicago24hr 01/01/2016 06:50:00   2.61
05954> 010yrChicago24hr 01/01/2016 07:00:00   3.04
05955> 010yrChicago24hr 01/01/2016 07:10:00   3.65
05956> 010yrChicago24hr 01/01/2016 07:20:00   4.61
05957> 010yrChicago24hr 01/01/2016 07:30:00   6.32
05958> 010yrChicago24hr 01/01/2016 07:40:00   10.23
05959> 010yrChicago24hr 01/01/2016 07:50:00   27.82
05960> 010yrChicago24hr 01/01/2016 08:00:00   134.79
05961> 010yrChicago24hr 01/01/2016 08:10:00   37.76
05962> 010yrChicago24hr 01/01/2016 08:20:00   18.29
05963> 010yrChicago24hr 01/01/2016 08:30:00   11.91
```

```
05964> 010yrChicago24hr 01/01/2016 08:40:00   8.81
05965> 010yrChicago24hr 01/01/2016 08:50:00   7
05966> 010yrChicago24hr 01/01/2016 09:00:00   5.82
05967> 010yrChicago24hr 01/01/2016 09:10:00   4.99
05968> 010yrChicago24hr 01/01/2016 09:20:00   4.37
05969> 010yrChicago24hr 01/01/2016 09:30:00   3.89
05970> 010yrChicago24hr 01/01/2016 09:40:00   3.52
05971> 010yrChicago24hr 01/01/2016 09:50:00   3.21
05972> 010yrChicago24hr 01/01/2016 10:00:00   2.95
05973> 010yrChicago24hr 01/01/2016 10:10:00   2.74
05974> 010yrChicago24hr 01/01/2016 10:20:00   2.55
05975> 010yrChicago24hr 01/01/2016 10:30:00   2.39
05976> 010yrChicago24hr 01/01/2016 10:40:00   2.25
05977> 010yrChicago24hr 01/01/2016 10:50:00   2.13
05978> 010yrChicago24hr 01/01/2016 11:00:00   2.02
05979> 010yrChicago24hr 01/01/2016 11:10:00   1.92
05980> 010yrChicago24hr 01/01/2016 11:20:00   1.83
05981> 010yrChicago24hr 01/01/2016 11:30:00   1.75
05982> 010yrChicago24hr 01/01/2016 11:40:00   1.68
05983> 010yrChicago24hr 01/01/2016 11:50:00   1.61
05984> 010yrChicago24hr 01/01/2016 12:00:00   1.55
05985> 010yrChicago24hr 01/01/2016 12:10:00   1.49
05986> 010yrChicago24hr 01/01/2016 12:20:00   1.44
05987> 010yrChicago24hr 01/01/2016 12:30:00   1.39
05988> 010yrChicago24hr 01/01/2016 12:40:00   1.35
05989> 010yrChicago24hr 01/01/2016 12:50:00   1.31
05990> 010yrChicago24hr 01/01/2016 13:00:00   1.27
05991> 010yrChicago24hr 01/01/2016 13:10:00   1.23
05992> 010yrChicago24hr 01/01/2016 13:20:00   1.2
05993> 010yrChicago24hr 01/01/2016 13:30:00   1.16
05994> 010yrChicago24hr 01/01/2016 13:40:00   1.13
05995> 010yrChicago24hr 01/01/2016 13:50:00   1.1
05996> 010yrChicago24hr 01/01/2016 14:00:00   1.08
05997> 010yrChicago24hr 01/01/2016 14:10:00   1.05
05998> 010yrChicago24hr 01/01/2016 14:20:00   1.03
05999> 010yrChicago24hr 01/01/2016 14:30:00   1
06000> 010yrChicago24hr 01/01/2016 14:40:00   0.98
06001> 010yrChicago24hr 01/01/2016 14:50:00   0.96
06002> 010yrChicago24hr 01/01/2016 15:00:00   0.94
06003> 010yrChicago24hr 01/01/2016 15:10:00   0.92
06004> 010yrChicago24hr 01/01/2016 15:20:00   0.9
06005> 010yrChicago24hr 01/01/2016 15:30:00   0.88
06006> 010yrChicago24hr 01/01/2016 15:40:00   0.87
06007> 010yrChicago24hr 01/01/2016 15:50:00   0.85
06008> 010yrChicago24hr 01/01/2016 16:00:00   0.83
06009> 010yrChicago24hr 01/01/2016 16:10:00   0.82
06010> 010yrChicago24hr 01/01/2016 16:20:00   0.81
06011> 010yrChicago24hr 01/01/2016 16:30:00   0.79
06012> 010yrChicago24hr 01/01/2016 16:40:00   0.78
06013> 010yrChicago24hr 01/01/2016 16:50:00   0.77
06014> 010yrChicago24hr 01/01/2016 17:00:00   0.75
06015> 010yrChicago24hr 01/01/2016 17:10:00   0.74
06016> 010yrChicago24hr 01/01/2016 17:20:00   0.73
06017> 010yrChicago24hr 01/01/2016 17:30:00   0.72
06018> 010yrChicago24hr 01/01/2016 17:40:00   0.71
06019> 010yrChicago24hr 01/01/2016 17:50:00   0.7
06020> 010yrChicago24hr 01/01/2016 18:00:00   0.69
06021> 010yrChicago24hr 01/01/2016 18:10:00   0.68
06022> 010yrChicago24hr 01/01/2016 18:20:00   0.67
06023> 010yrChicago24hr 01/01/2016 18:30:00   0.66
06024> 010yrChicago24hr 01/01/2016 18:40:00   0.65
06025> 010yrChicago24hr 01/01/2016 18:50:00   0.64
06026> 010yrChicago24hr 01/01/2016 19:00:00   0.63
06027> 010yrChicago24hr 01/01/2016 19:10:00   0.62
06028> 010yrChicago24hr 01/01/2016 19:20:00   0.62
06029> 010yrChicago24hr 01/01/2016 19:30:00   0.61
06030> 010yrChicago24hr 01/01/2016 19:40:00   0.6
06031> 010yrChicago24hr 01/01/2016 19:50:00   0.59
06032> 010yrChicago24hr 01/01/2016 20:00:00   0.59
06033> 010yrChicago24hr 01/01/2016 20:10:00   0.58
06034> 010yrChicago24hr 01/01/2016 20:20:00   0.57
06035> 010yrChicago24hr 01/01/2016 20:30:00   0.56
06036> 010yrChicago24hr 01/01/2016 20:40:00   0.56
06037> 010yrChicago24hr 01/01/2016 20:50:00   0.55
06038> 010yrChicago24hr 01/01/2016 21:00:00   0.55
06039> 010yrChicago24hr 01/01/2016 21:10:00   0.54
06040> 010yrChicago24hr 01/01/2016 21:20:00   0.53
06041> 010yrChicago24hr 01/01/2016 21:30:00   0.53
06042> 010yrChicago24hr 01/01/2016 21:40:00   0.52
06043> 010yrChicago24hr 01/01/2016 21:50:00   0.52
06044> 010yrChicago24hr 01/01/2016 22:00:00   0.51
06045> 010yrChicago24hr 01/01/2016 22:10:00   0.51
06046> 010yrChicago24hr 01/01/2016 22:20:00   0.5
06047> 010yrChicago24hr 01/01/2016 22:30:00   0.5
06048> 010yrChicago24hr 01/01/2016 22:40:00   0.49
06049> 010yrChicago24hr 01/01/2016 22:50:00   0.49
06050> 010yrChicago24hr 01/01/2016 23:00:00   0.48
06051> 010yrChicago24hr 01/01/2016 23:10:00   0.48
06052> 010yrChicago24hr 01/01/2016 23:20:00   0.47
```

```
06053> 010yrChicago24hr 01/01/2016 23:30:00   0.47
06054> 010yrChicago24hr 01/01/2016 23:40:00   0.46
06055> 010yrChicago24hr 01/01/2016 23:50:00   0.46
06056> 010yrChicago24hr 01/02/2016 00:00:00   0.46
06057>
06058> ;Rainfall (mm/hr)
06059> 025yrChicago24hr 01/01/2016 00:00:00   0
06060> 025yrChicago24hr 01/01/2016 00:10:00   0.53
06061> 025yrChicago24hr 01/01/2016 00:20:00   0.54
06062> 025yrChicago24hr 01/01/2016 00:30:00   0.55
06063> 025yrChicago24hr 01/01/2016 00:40:00   0.56
06064> 025yrChicago24hr 01/01/2016 00:50:00   0.57
06065> 025yrChicago24hr 01/01/2016 01:00:00   0.58
06066> 025yrChicago24hr 01/01/2016 01:10:00   0.6
06067> 025yrChicago24hr 01/01/2016 01:20:00   0.61
06068> 025yrChicago24hr 01/01/2016 01:30:00   0.62
06069> 025yrChicago24hr 01/01/2016 01:40:00   0.64
06070> 025yrChicago24hr 01/01/2016 01:50:00   0.65
06071> 025yrChicago24hr 01/01/2016 02:00:00   0.67
06072> 025yrChicago24hr 01/01/2016 02:10:00   0.69
06073> 025yrChicago24hr 01/01/2016 02:20:00   0.7
06074> 025yrChicago24hr 01/01/2016 02:30:00   0.72
06075> 025yrChicago24hr 01/01/2016 02:40:00   0.74
06076> 025yrChicago24hr 01/01/2016 02:50:00   0.76
06077> 025yrChicago24hr 01/01/2016 03:00:00   0.79
06078> 025yrChicago24hr 01/01/2016 03:10:00   0.81
06079> 025yrChicago24hr 01/01/2016 03:20:00   0.84
06080> 025yrChicago24hr 01/01/2016 03:30:00   0.86
06081> 025yrChicago24hr 01/01/2016 03:40:00   0.89
06082> 025yrChicago24hr 01/01/2016 03:50:00   0.92
06083> 025yrChicago24hr 01/01/2016 04:00:00   0.96
06084> 025yrChicago24hr 01/01/2016 04:10:00   1
06085> 025yrChicago24hr 01/01/2016 04:20:00   1.04
06086> 025yrChicago24hr 01/01/2016 04:30:00   1.08
06087> 025yrChicago24hr 01/01/2016 04:40:00   1.13
06088> 025yrChicago24hr 01/01/2016 04:50:00   1.18
06089> 025yrChicago24hr 01/01/2016 05:00:00   1.24
06090> 025yrChicago24hr 01/01/2016 05:10:00   1.31
06091> 025yrChicago24hr 01/01/2016 05:20:00   1.38
06092> 025yrChicago24hr 01/01/2016 05:30:00   1.47
06093> 025yrChicago24hr 01/01/2016 05:40:00   1.56
06094> 025yrChicago24hr 01/01/2016 05:50:00   1.67
06095> 025yrChicago24hr 01/01/2016 06:00:00   1.8
06096> 025yrChicago24hr 01/01/2016 06:10:00   1.95
06097> 025yrChicago24hr 01/01/2016 06:20:00   2.14
06098> 025yrChicago24hr 01/01/2016 06:30:00   2.36
06099> 025yrChicago24hr 01/01/2016 06:40:00   2.65
06100> 025yrChicago24hr 01/01/2016 06:50:00   3.02
06101> 025yrChicago24hr 01/01/2016 07:00:00   3.51
06102> 025yrChicago24hr 01/01/2016 07:10:00   4.23
06103> 025yrChicago24hr 01/01/2016 07:20:00   5.35
06104> 025yrChicago24hr 01/01/2016 07:30:00   7.33
06105> 025yrChicago24hr 01/01/2016 07:40:00   11.88
06106> 025yrChicago24hr 01/01/2016 07:50:00   32.57
06107> 025yrChicago24hr 01/01/2016 08:00:00   162.17
06108> 025yrChicago24hr 01/01/2016 08:10:00   44.31
06109> 025yrChicago24hr 01/01/2016 08:20:00   21.32
06110> 025yrChicago24hr 01/01/2016 08:30:00   13.85
06111> 025yrChicago24hr 01/01/2016 08:40:00   10.24
06112> 025yrChicago24hr 01/01/2016 08:50:00   8.13
06113> 025yrChicago24hr 01/01/2016 09:00:00   6.75
06114> 025yrChicago24hr 01/01/2016 09:10:00   5.78
06115> 025yrChicago24hr 01/01/2016 09:20:00   5.06
06116> 025yrChicago24hr 01/01/2016 09:30:00   4.51
06117> 025yrChicago24hr 01/01/2016 09:40:00   4.07
06118> 025yrChicago24hr 01/01/2016 09:50:00   3.71
06119> 025yrChicago24hr 01/01/2016 10:00:00   3.42
06120> 025yrChicago24hr 01/01/2016 10:10:00   3.16
06121> 025yrChicago24hr 01/01/2016 10:20:00   2.95
06122> 025yrChicago24hr 01/01/2016 10:30:00   2.76
06123> 025yrChicago24hr 01/01/2016 10:40:00   2.6
06124> 025yrChicago24hr 01/01/2016 10:50:00   2.46
06125> 025yrChicago24hr 01/01/2016 11:00:00   2.33
06126> 025yrChicago24hr 01/01/2016 11:10:00   2.22
06127> 025yrChicago24hr 01/01/2016 11:20:00   2.12
06128> 025yrChicago24hr 01/01/2016 11:30:00   2.02
06129> 025yrChicago24hr 01/01/2016 11:40:00   1.94
06130> 025yrChicago24hr 01/01/2016 11:50:00   1.86
06131> 025yrChicago24hr 01/01/2016 12:00:00   1.79
06132> 025yrChicago24hr 01/01/2016 12:10:00   1.73
06133> 025yrChicago24hr 01/01/2016 12:20:00   1.67
06134> 025yrChicago24hr 01/01/2016 12:30:00   1.61
06135> 025yrChicago24hr 01/01/2016 12:40:00   1.56
06136> 025yrChicago24hr 01/01/2016 12:50:00   1.51
06137> 025yrChicago24hr 01/01/2016 13:00:00   1.46
06138> 025yrChicago24hr 01/01/2016 13:10:00   1.42
06139> 025yrChicago24hr 01/01/2016 13:20:00   1.38
06140> 025yrChicago24hr 01/01/2016 13:30:00   1.34
06141> 025yrChicago24hr 01/01/2016 13:40:00   1.31
```

```
06142> 025yrChicago24hr 01/01/2016 13:50:00   1.27
06143> 025yrChicago24hr 01/01/2016 14:00:00   1.24
06144> 025yrChicago24hr 01/01/2016 14:10:00   1.21
06145> 025yrChicago24hr 01/01/2016 14:20:00   1.18
06146> 025yrChicago24hr 01/01/2016 14:30:00   1.16
06147> 025yrChicago24hr 01/01/2016 14:40:00   1.13
06148> 025yrChicago24hr 01/01/2016 14:50:00   1.11
06149> 025yrChicago24hr 01/01/2016 15:00:00   1.08
06150> 025yrChicago24hr 01/01/2016 15:10:00   1.06
06151> 025yrChicago24hr 01/01/2016 15:20:00   1.04
06152> 025yrChicago24hr 01/01/2016 15:30:00   1.02
06153> 025yrChicago24hr 01/01/2016 15:40:00   1
06154> 025yrChicago24hr 01/01/2016 15:50:00   0.98
06155> 025yrChicago24hr 01/01/2016 16:00:00   0.96
06156> 025yrChicago24hr 01/01/2016 16:10:00   0.95
06157> 025yrChicago24hr 01/01/2016 16:20:00   0.93
06158> 025yrChicago24hr 01/01/2016 16:30:00   0.91
06159> 025yrChicago24hr 01/01/2016 16:40:00   0.9
06160> 025yrChicago24hr 01/01/2016 16:50:00   0.88
06161> 025yrChicago24hr 01/01/2016 17:00:00   0.87
06162> 025yrChicago24hr 01/01/2016 17:10:00   0.85
06163> 025yrChicago24hr 01/01/2016 17:20:00   0.84
06164> 025yrChicago24hr 01/01/2016 17:30:00   0.83
06165> 025yrChicago24hr 01/01/2016 17:40:00   0.81
06166> 025yrChicago24hr 01/01/2016 17:50:00   0.8
06167> 025yrChicago24hr 01/01/2016 18:00:00   0.79
06168> 025yrChicago24hr 01/01/2016 18:10:00   0.78
06169> 025yrChicago24hr 01/01/2016 18:20:00   0.77
06170> 025yrChicago24hr 01/01/2016 18:30:00   0.76
06171> 025yrChicago24hr 01/01/2016 18:40:00   0.75
06172> 025yrChicago24hr 01/01/2016 18:50:00   0.74
06173> 025yrChicago24hr 01/01/2016 19:00:00   0.73
06174> 025yrChicago24hr 01/01/2016 19:10:00   0.72
06175> 025yrChicago24hr 01/01/2016 19:20:00   0.71
06176> 025yrChicago24hr 01/01/2016 19:30:00   0.7
06177> 025yrChicago24hr 01/01/2016 19:40:00   0.69
06178> 025yrChicago24hr 01/01/2016 19:50:00   0.68
06179> 025yrChicago24hr 01/01/2016 20:00:00   0.67
06180> 025yrChicago24hr 01/01/2016 20:10:00   0.67
06181> 025yrChicago24hr 01/01/2016 20:20:00   0.66
06182> 025yrChicago24hr 01/01/2016 20:30:00   0.65
06183> 025yrChicago24hr 01/01/2016 20:40:00   0.64
06184> 025yrChicago24hr 01/01/2016 20:50:00   0.64
06185> 025yrChicago24hr 01/01/2016 21:00:00   0.63
06186> 025yrChicago24hr 01/01/2016 21:10:00   0.62
06187> 025yrChicago24hr 01/01/2016 21:20:00   0.61
06188> 025yrChicago24hr 01/01/2016 21:30:00   0.61
06189> 025yrChicago24hr 01/01/2016 21:40:00   0.6
06190> 025yrChicago24hr 01/01/2016 21:50:00   0.6
06191> 025yrChicago24hr 01/01/2016 22:00:00   0.59
06192> 025yrChicago24hr 01/01/2016 22:10:00   0.58
06193> 025yrChicago24hr 01/01/2016 22:20:00   0.58
06194> 025yrChicago24hr 01/01/2016 22:30:00   0.57
06195> 025yrChicago24hr 01/01/2016 22:40:00   0.57
06196> 025yrChicago24hr 01/01/2016 22:50:00   0.56
06197> 025yrChicago24hr 01/01/2016 23:00:00   0.56
06198> 025yrChicago24hr 01/01/2016 23:10:00   0.55
06199> 025yrChicago24hr 01/01/2016 23:20:00   0.54
06200> 025yrChicago24hr 01/01/2016 23:30:00   0.54
06201> 025yrChicago24hr 01/01/2016 23:40:00   0.53
06202> 025yrChicago24hr 01/01/2016 23:50:00   0.53
06203> 025yrChicago24hr 01/02/2016 00:00:00   0.52
06204>
06205> ;Rainfall (mm/hr)
06206> 050yrChicago24hr 01/01/2016 00:00:00   0
06207> 050yrChicago24hr 01/01/2016 00:10:00   0.54
06208> 050yrChicago24hr 01/01/2016 00:20:00   0.55
06209> 050yrChicago24hr 01/01/2016 00:30:00   0.56
06210> 050yrChicago24hr 01/01/2016 00:40:00   0.57
06211> 050yrChicago24hr 01/01/2016 00:50:00   0.58
06212> 050yrChicago24hr 01/01/2016 01:00:00   0.59
06213> 050yrChicago24hr 01/01/2016 01:10:00   0.61
06214> 050yrChicago24hr 01/01/2016 01:20:00   0.62
06215> 050yrChicago24hr 01/01/2016 01:30:00   0.63
06216> 050yrChicago24hr 01/01/2016 01:40:00   0.65
06217> 050yrChicago24hr 01/01/2016 01:50:00   0.67
06218> 050yrChicago24hr 01/01/2016 02:00:00   0.68
06219> 050yrChicago24hr 01/01/2016 02:10:00   0.7
06220> 050yrChicago24hr 01/01/2016 02:20:00   0.72
06221> 050yrChicago24hr 01/01/2016 02:30:00   0.74
06222> 050yrChicago24hr 01/01/2016 02:40:00   0.76
06223> 050yrChicago24hr 01/01/2016 02:50:00   0.78
06224> 050yrChicago24hr 01/01/2016 03:00:00   0.8
06225> 050yrChicago24hr 01/01/2016 03:10:00   0.83
06226> 050yrChicago24hr 01/01/2016 03:20:00   0.85
06227> 050yrChicago24hr 01/01/2016 03:30:00   0.88
06228> 050yrChicago24hr 01/01/2016 03:40:00   0.91
06229> 050yrChicago24hr 01/01/2016 03:50:00   0.95
06230> 050yrChicago24hr 01/01/2016 04:00:00   0.98
```

```
06231> 050yrChicago24hr 01/01/2016 04:10:00   1.02
06232> 050yrChicago24hr 01/01/2016 04:20:00   1.06
06233> 050yrChicago24hr 01/01/2016 04:30:00   1.11
06234> 050yrChicago24hr 01/01/2016 04:40:00   1.16
06235> 050yrChicago24hr 01/01/2016 04:50:00   1.22
06236> 050yrChicago24hr 01/01/2016 05:00:00   1.28
06237> 050yrChicago24hr 01/01/2016 05:10:00   1.35
06238> 050yrChicago24hr 01/01/2016 05:20:00   1.42
06239> 050yrChicago24hr 01/01/2016 05:30:00   1.51
06240> 050yrChicago24hr 01/01/2016 05:40:00   1.61
06241> 050yrChicago24hr 01/01/2016 05:50:00   1.73
06242> 050yrChicago24hr 01/01/2016 06:00:00   1.87
06243> 050yrChicago24hr 01/01/2016 06:10:00   2.03
06244> 050yrChicago24hr 01/01/2016 06:20:00   2.22
06245> 050yrChicago24hr 01/01/2016 06:30:00   2.46
06246> 050yrChicago24hr 01/01/2016 06:40:00   2.76
06247> 050yrChicago24hr 01/01/2016 06:50:00   3.16
06248> 050yrChicago24hr 01/01/2016 07:00:00   3.69
06249> 050yrChicago24hr 01/01/2016 07:10:00   4.47
06250> 050yrChicago24hr 01/01/2016 07:20:00   5.68
06251> 050yrChicago24hr 01/01/2016 07:30:00   7.86
06252> 050yrChicago24hr 01/01/2016 07:40:00   12.9
06253> 050yrChicago24hr 01/01/2016 07:50:00   36.22
06254> 050yrChicago24hr 01/01/2016 08:00:00   182.06
06255> 050yrChicago24hr 01/01/2016 08:10:00   49.51
06256> 050yrChicago24hr 01/01/2016 08:20:00   23.49
06257> 050yrChicago24hr 01/01/2016 08:30:00   15.09
06258> 050yrChicago24hr 01/01/2016 08:40:00   11.06
06259> 050yrChicago24hr 01/01/2016 08:50:00   8.73
06260> 050yrChicago24hr 01/01/2016 09:00:00   7.21
06261> 050yrChicago24hr 01/01/2016 09:10:00   6.15
06262> 050yrChicago24hr 01/01/2016 09:20:00   5.37
06263> 050yrChicago24hr 01/01/2016 09:30:00   4.77
06264> 050yrChicago24hr 01/01/2016 09:40:00   4.29
06265> 050yrChicago24hr 01/01/2016 09:50:00   3.91
06266> 050yrChicago24hr 01/01/2016 10:00:00   3.59
06267> 050yrChicago24hr 01/01/2016 10:10:00   3.32
06268> 050yrChicago24hr 01/01/2016 10:20:00   3.09
06269> 050yrChicago24hr 01/01/2016 10:30:00   2.89
06270> 050yrChicago24hr 01/01/2016 10:40:00   2.72
06271> 050yrChicago24hr 01/01/2016 10:50:00   2.56
06272> 050yrChicago24hr 01/01/2016 11:00:00   2.43
06273> 050yrChicago24hr 01/01/2016 11:10:00   2.31
06274> 050yrChicago24hr 01/01/2016 11:20:00   2.2
06275> 050yrChicago24hr 01/01/2016 11:30:00   2.1
06276> 050yrChicago24hr 01/01/2016 11:40:00   2.01
06277> 050yrChicago24hr 01/01/2016 11:50:00   1.93
06278> 050yrChicago24hr 01/01/2016 12:00:00   1.85
06279> 050yrChicago24hr 01/01/2016 12:10:00   1.79
06280> 050yrChicago24hr 01/01/2016 12:20:00   1.72
06281> 050yrChicago24hr 01/01/2016 12:30:00   1.66
06282> 050yrChicago24hr 01/01/2016 12:40:00   1.61
06283> 050yrChicago24hr 01/01/2016 12:50:00   1.56
06284> 050yrChicago24hr 01/01/2016 13:00:00   1.51
06285> 050yrChicago24hr 01/01/2016 13:10:00   1.46
06286> 050yrChicago24hr 01/01/2016 13:20:00   1.42
06287> 050yrChicago24hr 01/01/2016 13:30:00   1.38
06288> 050yrChicago24hr 01/01/2016 13:40:00   1.35
06289> 050yrChicago24hr 01/01/2016 13:50:00   1.31
06290> 050yrChicago24hr 01/01/2016 14:00:00   1.28
06291> 050yrChicago24hr 01/01/2016 14:10:00   1.25
06292> 050yrChicago24hr 01/01/2016 14:20:00   1.22
06293> 050yrChicago24hr 01/01/2016 14:30:00   1.19
06294> 050yrChicago24hr 01/01/2016 14:40:00   1.16
06295> 050yrChicago24hr 01/01/2016 14:50:00   1.14
06296> 050yrChicago24hr 01/01/2016 15:00:00   1.11
06297> 050yrChicago24hr 01/01/2016 15:10:00   1.09
06298> 050yrChicago24hr 01/01/2016 15:20:00   1.07
06299> 050yrChicago24hr 01/01/2016 15:30:00   1.04
06300> 050yrChicago24hr 01/01/2016 15:40:00   1.02
06301> 050yrChicago24hr 01/01/2016 15:50:00   1
06302> 050yrChicago24hr 01/01/2016 16:00:00   0.99
06303> 050yrChicago24hr 01/01/2016 16:10:00   0.97
06304> 050yrChicago24hr 01/01/2016 16:20:00   0.95
06305> 050yrChicago24hr 01/01/2016 16:30:00   0.93
06306> 050yrChicago24hr 01/01/2016 16:40:00   0.92
06307> 050yrChicago24hr 01/01/2016 16:50:00   0.9
06308> 050yrChicago24hr 01/01/2016 17:00:00   0.89
06309> 050yrChicago24hr 01/01/2016 17:10:00   0.87
06310> 050yrChicago24hr 01/01/2016 17:20:00   0.86
06311> 050yrChicago24hr 01/01/2016 17:30:00   0.85
06312> 050yrChicago24hr 01/01/2016 17:40:00   0.83
06313> 050yrChicago24hr 01/01/2016 17:50:00   0.82
06314> 050yrChicago24hr 01/01/2016 18:00:00   0.81
06315> 050yrChicago24hr 01/01/2016 18:10:00   0.8
06316> 050yrChicago24hr 01/01/2016 18:20:00   0.78
06317> 050yrChicago24hr 01/01/2016 18:30:00   0.77
06318> 050yrChicago24hr 01/01/2016 18:40:00   0.76
06319> 050yrChicago24hr 01/01/2016 18:50:00   0.75
```

```
06320> 050yrChicago24hr 01/01/2016 19:00:00   0.74
06321> 050yrChicago24hr 01/01/2016 19:10:00   0.73
06322> 050yrChicago24hr 01/01/2016 19:20:00   0.72
06323> 050yrChicago24hr 01/01/2016 19:30:00   0.71
06324> 050yrChicago24hr 01/01/2016 19:40:00   0.7
06325> 050yrChicago24hr 01/01/2016 19:50:00   0.7
06326> 050yrChicago24hr 01/01/2016 20:00:00   0.69
06327> 050yrChicago24hr 01/01/2016 20:10:00   0.68
06328> 050yrChicago24hr 01/01/2016 20:20:00   0.67
06329> 050yrChicago24hr 01/01/2016 20:30:00   0.66
06330> 050yrChicago24hr 01/01/2016 20:40:00   0.65
06331> 050yrChicago24hr 01/01/2016 20:50:00   0.65
06332> 050yrChicago24hr 01/01/2016 21:00:00   0.64
06333> 050yrChicago24hr 01/01/2016 21:10:00   0.63
06334> 050yrChicago24hr 01/01/2016 21:20:00   0.63
06335> 050yrChicago24hr 01/01/2016 21:30:00   0.62
06336> 050yrChicago24hr 01/01/2016 21:40:00   0.61
06337> 050yrChicago24hr 01/01/2016 21:50:00   0.61
06338> 050yrChicago24hr 01/01/2016 22:00:00   0.6
06339> 050yrChicago24hr 01/01/2016 22:10:00   0.59
06340> 050yrChicago24hr 01/01/2016 22:20:00   0.59
06341> 050yrChicago24hr 01/01/2016 22:30:00   0.58
06342> 050yrChicago24hr 01/01/2016 22:40:00   0.57
06343> 050yrChicago24hr 01/01/2016 22:50:00   0.57
06344> 050yrChicago24hr 01/01/2016 23:00:00   0.56
06345> 050yrChicago24hr 01/01/2016 23:10:00   0.56
06346> 050yrChicago24hr 01/01/2016 23:20:00   0.55
06347> 050yrChicago24hr 01/01/2016 23:30:00   0.55
06348> 050yrChicago24hr 01/01/2016 23:40:00   0.54
06349> 050yrChicago24hr 01/01/2016 23:50:00   0.54
06350> 050yrChicago24hr 01/02/2016 00:00:00   0.53
06351>
06352> ;Rainfall (mm/hr)
06353> 100yrChicago24hr 01-01-2016 00:00:00   0
06354> 100yrChicago24hr 01-01-2016 00:10:00   0.59
06355> 100yrChicago24hr 01-01-2016 00:20:00   0.6
06356> 100yrChicago24hr 01-01-2016 00:30:00   0.61
06357> 100yrChicago24hr 01-01-2016 00:40:00   0.63
06358> 100yrChicago24hr 01-01-2016 00:50:00   0.64
06359> 100yrChicago24hr 01-01-2016 01:00:00   0.65
06360> 100yrChicago24hr 01-01-2016 01:10:00   0.67
06361> 100yrChicago24hr 01-01-2016 01:20:00   0.68
06362> 100yrChicago24hr 01-01-2016 01:30:00   0.7
06363> 100yrChicago24hr 01-01-2016 01:40:00   0.71
06364> 100yrChicago24hr 01-01-2016 01:50:00   0.73
06365> 100yrChicago24hr 01-01-2016 02:00:00   0.75
06366> 100yrChicago24hr 01-01-2016 02:10:00   0.77
06367> 100yrChicago24hr 01-01-2016 02:20:00   0.79
06368> 100yrChicago24hr 01-01-2016 02:30:00   0.81
06369> 100yrChicago24hr 01-01-2016 02:40:00   0.83
06370> 100yrChicago24hr 01-01-2016 02:50:00   0.85
06371> 100yrChicago24hr 01-01-2016 03:00:00   0.88
06372> 100yrChicago24hr 01-01-2016 03:10:00   0.91
06373> 100yrChicago24hr 01-01-2016 03:20:00   0.94
06374> 100yrChicago24hr 01-01-2016 03:30:00   0.97
06375> 100yrChicago24hr 01-01-2016 03:40:00   1
06376> 100yrChicago24hr 01-01-2016 03:50:00   1.04
06377> 100yrChicago24hr 01-01-2016 04:00:00   1.08
06378> 100yrChicago24hr 01-01-2016 04:10:00   1.12
06379> 100yrChicago24hr 01-01-2016 04:20:00   1.16
06380> 100yrChicago24hr 01-01-2016 04:30:00   1.22
06381> 100yrChicago24hr 01-01-2016 04:40:00   1.27
06382> 100yrChicago24hr 01-01-2016 04:50:00   1.33
06383> 100yrChicago24hr 01-01-2016 05:00:00   1.4
06384> 100yrChicago24hr 01-01-2016 05:10:00   1.48
06385> 100yrChicago24hr 01-01-2016 05:20:00   1.56
06386> 100yrChicago24hr 01-01-2016 05:30:00   1.66
06387> 100yrChicago24hr 01-01-2016 05:40:00   1.77
06388> 100yrChicago24hr 01-01-2016 05:50:00   1.9
06389> 100yrChicago24hr 01-01-2016 06:00:00   2.04
06390> 100yrChicago24hr 01-01-2016 06:10:00   2.22
06391> 100yrChicago24hr 01-01-2016 06:20:00   2.43
06392> 100yrChicago24hr 01-01-2016 06:30:00   2.7
06393> 100yrChicago24hr 01-01-2016 06:40:00   3.03
06394> 100yrChicago24hr 01-01-2016 06:50:00   3.46
06395> 100yrChicago24hr 01-01-2016 07:00:00   4.04
06396> 100yrChicago24hr 01-01-2016 07:10:00   4.89
06397> 100yrChicago24hr 01-01-2016 07:20:00   6.21
06398> 100yrChicago24hr 01-01-2016 07:30:00   8.59
06399> 100yrChicago24hr 01-01-2016 07:40:00   14.09
06400> 100yrChicago24hr 01-01-2016 07:50:00   39.57
06401> 100yrChicago24hr 01-01-2016 08:00:00   200.8
06402> 100yrChicago24hr 01-01-2016 08:10:00   54.1
06403> 100yrChicago24hr 01-01-2016 08:20:00   25.64
06404> 100yrChicago24hr 01-01-2016 08:30:00   16.48
06405> 100yrChicago24hr 01-01-2016 08:40:00   12.09
06406> 100yrChicago24hr 01-01-2016 08:50:00   9.54
06407> 100yrChicago24hr 01-01-2016 09:00:00   7.88
06408> 100yrChicago24hr 01-01-2016 09:10:00   6.73
```

```
06409> 100yrChicago24hr 01-01-2016 09:20:00   5.87
06410> 100yrChicago24hr 01-01-2016 09:30:00   5.22
06411> 100yrChicago24hr 01-01-2016 09:40:00   4.7
06412> 100yrChicago24hr 01-01-2016 09:50:00   4.28
06413> 100yrChicago24hr 01-01-2016 10:00:00   3.93
06414> 100yrChicago24hr 01-01-2016 10:10:00   3.63
06415> 100yrChicago24hr 01-01-2016 10:20:00   3.38
06416> 100yrChicago24hr 01-01-2016 10:30:00   3.16
06417> 100yrChicago24hr 01-01-2016 10:40:00   2.97
06418> 100yrChicago24hr 01-01-2016 10:50:00   2.81
06419> 100yrChicago24hr 01-01-2016 11:00:00   2.66
06420> 100yrChicago24hr 01-01-2016 11:10:00   2.53
06421> 100yrChicago24hr 01-01-2016 11:20:00   2.41
06422> 100yrChicago24hr 01-01-2016 11:30:00   2.3
06423> 100yrChicago24hr 01-01-2016 11:40:00   2.2
06424> 100yrChicago24hr 01-01-2016 11:50:00   2.11
06425> 100yrChicago24hr 01-01-2016 12:00:00   2.03
06426> 100yrChicago24hr 01-01-2016 12:10:00   1.96
06427> 100yrChicago24hr 01-01-2016 12:20:00   1.89
06428> 100yrChicago24hr 01-01-2016 12:30:00   1.82
06429> 100yrChicago24hr 01-01-2016 12:40:00   1.76
06430> 100yrChicago24hr 01-01-2016 12:50:00   1.71
06431> 100yrChicago24hr 01-01-2016 13:00:00   1.65
06432> 100yrChicago24hr 01-01-2016 13:10:00   1.6
06433> 100yrChicago24hr 01-01-2016 13:20:00   1.56
06434> 100yrChicago24hr 01-01-2016 13:30:00   1.52
06435> 100yrChicago24hr 01-01-2016 13:40:00   1.48
06436> 100yrChicago24hr 01-01-2016 13:50:00   1.44
06437> 100yrChicago24hr 01-01-2016 14:00:00   1.4
06438> 100yrChicago24hr 01-01-2016 14:10:00   1.37
06439> 100yrChicago24hr 01-01-2016 14:20:00   1.33
06440> 100yrChicago24hr 01-01-2016 14:30:00   1.3
06441> 100yrChicago24hr 01-01-2016 14:40:00   1.27
06442> 100yrChicago24hr 01-01-2016 14:50:00   1.24
06443> 100yrChicago24hr 01-01-2016 15:00:00   1.22
06444> 100yrChicago24hr 01-01-2016 15:10:00   1.19
06445> 100yrChicago24hr 01-01-2016 15:20:00   1.17
06446> 100yrChicago24hr 01-01-2016 15:30:00   1.14
06447> 100yrChicago24hr 01-01-2016 15:40:00   1.12
06448> 100yrChicago24hr 01-01-2016 15:50:00   1.1
06449> 100yrChicago24hr 01-01-2016 16:00:00   1.08
06450> 100yrChicago24hr 01-01-2016 16:10:00   1.06
06451> 100yrChicago24hr 01-01-2016 16:20:00   1.04
06452> 100yrChicago24hr 01-01-2016 16:30:00   1.02
06453> 100yrChicago24hr 01-01-2016 16:40:00   1.01
06454> 100yrChicago24hr 01-01-2016 16:50:00   0.99
06455> 100yrChicago24hr 01-01-2016 17:00:00   0.97
06456> 100yrChicago24hr 01-01-2016 17:10:00   0.96
06457> 100yrChicago24hr 01-01-2016 17:20:00   0.94
06458> 100yrChicago24hr 01-01-2016 17:30:00   0.93
06459> 100yrChicago24hr 01-01-2016 17:40:00   0.91
06460> 100yrChicago24hr 01-01-2016 17:50:00   0.9
06461> 100yrChicago24hr 01-01-2016 18:00:00   0.89
06462> 100yrChicago24hr 01-01-2016 18:10:00   0.87
06463> 100yrChicago24hr 01-01-2016 18:20:00   0.86
06464> 100yrChicago24hr 01-01-2016 18:30:00   0.85
06465> 100yrChicago24hr 01-01-2016 18:40:00   0.84
06466> 100yrChicago24hr 01-01-2016 18:50:00   0.82
06467> 100yrChicago24hr 01-01-2016 19:00:00   0.81
06468> 100yrChicago24hr 01-01-2016 19:10:00   0.8
06469> 100yrChicago24hr 01-01-2016 19:20:00   0.79
06470> 100yrChicago24hr 01-01-2016 19:30:00   0.78
06471> 100yrChicago24hr 01-01-2016 19:40:00   0.77
06472> 100yrChicago24hr 01-01-2016 19:50:00   0.76
06473> 100yrChicago24hr 01-01-2016 20:00:00   0.75
06474> 100yrChicago24hr 01-01-2016 20:10:00   0.74
06475> 100yrChicago24hr 01-01-2016 20:20:00   0.73
06476> 100yrChicago24hr 01-01-2016 20:30:00   0.73
06477> 100yrChicago24hr 01-01-2016 20:40:00   0.72
06478> 100yrChicago24hr 01-01-2016 20:50:00   0.71
06479> 100yrChicago24hr 01-01-2016 21:00:00   0.7
06480> 100yrChicago24hr 01-01-2016 21:10:00   0.69
06481> 100yrChicago24hr 01-01-2016 21:20:00   0.69
06482> 100yrChicago24hr 01-01-2016 21:30:00   0.68
06483> 100yrChicago24hr 01-01-2016 21:40:00   0.67
06484> 100yrChicago24hr 01-01-2016 21:50:00   0.66
06485> 100yrChicago24hr 01-01-2016 22:00:00   0.66
06486> 100yrChicago24hr 01-01-2016 22:10:00   0.65
06487> 100yrChicago24hr 01-01-2016 22:20:00   0.64
06488> 100yrChicago24hr 01-01-2016 22:30:00   0.64
06489> 100yrChicago24hr 01-01-2016 22:40:00   0.63
06490> 100yrChicago24hr 01-01-2016 22:50:00   0.62
06491> 100yrChicago24hr 01-01-2016 23:00:00   0.62
06492> 100yrChicago24hr 01-01-2016 23:10:00   0.61
06493> 100yrChicago24hr 01-01-2016 23:20:00   0.61
06494> 100yrChicago24hr 01-01-2016 23:30:00   0.6
06495> 100yrChicago24hr 01-01-2016 23:40:00   0.59
06496> 100yrChicago24hr 01-01-2016 23:50:00   0.59
06497> 100yrChicago24hr 01-02-2016 00:00:00   0.58
```

```
06498>
06499> ;Rainfall (mm/Hr)
06500> 10mm4Hr          01/01/2016 00:00:00   0
06501> 10mm4Hr          01/01/2016 00:10:00   0.6009
06502> 10mm4Hr          01/01/2016 00:20:00   0.6906
06503> 10mm4Hr          01/01/2016 00:30:00   0.8168
06504> 10mm4Hr          01/01/2016 00:40:00   1.0084
06505> 10mm4Hr          01/01/2016 00:50:00   1.3385
06506> 10mm4Hr          01/01/2016 01:00:00   2.0572
06507> 10mm4Hr          01/01/2016 01:10:00   5.0807
06508> 10mm4Hr          01/01/2016 01:20:00   24.1234
06509> 10mm4Hr          01/01/2016 01:30:00   6.7271
06510> 10mm4Hr          01/01/2016 01:40:00   3.4413
06511> 10mm4Hr          01/01/2016 01:50:00   2.336
06512> 10mm4Hr          01/01/2016 02:00:00   1.7833
06513> 10mm4Hr          01/01/2016 02:10:00   1.4512
06514> 10mm4Hr          01/01/2016 02:20:00   1.2291
06515> 10mm4Hr          01/01/2016 02:30:00   1.0697
06516> 10mm4Hr          01/01/2016 02:40:00   0.9496
06517> 10mm4Hr          01/01/2016 02:50:00   0.8556
06518> 10mm4Hr          01/01/2016 03:00:00   0.7799
06519> 10mm4Hr          01/01/2016 03:10:00   0.7176
06520> 10mm4Hr          01/01/2016 03:20:00   0.6654
06521> 10mm4Hr          01/01/2016 03:30:00   0.6209
06522> 10mm4Hr          01/01/2016 03:40:00   0.5825
06523> 10mm4Hr          01/01/2016 03:50:00   0.549
06524> 10mm4Hr          01/01/2016 04:00:00   0.5195
06525>
06526> ;Rainfall (mm/hr)
06527> 25mm4hr          01/01/2016 00:00:00   0
06528> 25mm4hr          01/01/2016 00:10:00   1.5023
06529> 25mm4hr          01/01/2016 00:20:00   1.7266
06530> 25mm4hr          01/01/2016 00:30:00   2.0419
06531> 25mm4hr          01/01/2016 00:40:00   2.521
06532> 25mm4hr          01/01/2016 00:50:00   3.3462
06533> 25mm4hr          01/01/2016 01:00:00   5.1431
06534> 25mm4hr          01/01/2016 01:10:00   12.7017
06535> 25mm4hr          01/01/2016 01:20:00   60.3084
06536> 25mm4hr          01/01/2016 01:30:00   16.8178
06537> 25mm4hr          01/01/2016 01:40:00   8.6032
06538> 25mm4hr          01/01/2016 01:50:00   5.8401
06539> 25mm4hr          01/01/2016 02:00:00   4.4582
06540> 25mm4hr          01/01/2016 02:10:00   3.6279
06541> 25mm4hr          01/01/2016 02:20:00   3.0727
06542> 25mm4hr          01/01/2016 02:30:00   2.6743
06543> 25mm4hr          01/01/2016 02:40:00   2.374
06544> 25mm4hr          01/01/2016 02:50:00   2.139
06545> 25mm4hr          01/01/2016 03:00:00   1.9498
06546> 25mm4hr          01/01/2016 03:10:00   1.7941
06547> 25mm4hr          01/01/2016 03:20:00   1.6634
06548> 25mm4hr          01/01/2016 03:30:00   1.5522
06549> 25mm4hr          01/01/2016 03:40:00   1.4562
06550> 25mm4hr          01/01/2016 03:50:00   1.3725
06551> 25mm4hr          01/01/2016 04:00:00   1.2988
06552>
06553> ;Rainfall (mm/hr)
06554> Regional         01/01/2016 00:00:00   0
06555> Regional         01/01/2016 00:10:00   2.03
06556> Regional         01/01/2016 00:20:00   2.03
06557> Regional         01/01/2016 00:30:00   2.03
06558> Regional         01/01/2016 00:40:00   2.03
06559> Regional         01/01/2016 00:50:00   2.03
06560> Regional         01/01/2016 01:00:00   2.03
06561> Regional         01/01/2016 01:10:00   2.03
06562> Regional         01/01/2016 01:20:00   2.03
06563> Regional         01/01/2016 01:30:00   2.03
06564> Regional         01/01/2016 01:40:00   2.03
06565> Regional         01/01/2016 01:50:00   2.03
06566> Regional         01/01/2016 02:00:00   2.03
06567> Regional         01/01/2016 02:10:00   2.03
06568> Regional         01/01/2016 02:20:00   2.03
06569> Regional         01/01/2016 02:30:00   2.03
06570> Regional         01/01/2016 02:40:00   2.03
06571> Regional         01/01/2016 02:50:00   2.03
06572> Regional         01/01/2016 03:00:00   2.03
06573> Regional         01/01/2016 03:10:00   2.03
06574> Regional         01/01/2016 03:20:00   2.03
06575> Regional         01/01/2016 03:30:00   2.03
06576> Regional         01/01/2016 03:40:00   2.03
06577> Regional         01/01/2016 03:50:00   2.03
06578> Regional         01/01/2016 04:00:00   2.03
06579> Regional         01/01/2016 04:10:00   2.03
06580> Regional         01/01/2016 04:20:00   2.03
06581> Regional         01/01/2016 04:30:00   2.03
06582> Regional         01/01/2016 04:40:00   2.03
06583> Regional         01/01/2016 04:50:00   2.03
06584> Regional         01/01/2016 05:00:00   2.03
06585> Regional         01/01/2016 05:10:00   2.03
06586> Regional         01/01/2016 05:20:00   2.03
```

```
06587> Regional         01/01/2016 05:30:00   2.03
06588> Regional         01/01/2016 05:40:00   2.03
06589> Regional         01/01/2016 05:50:00   2.03
06590> Regional         01/01/2016 06:00:00   2.03
06591> Regional         01/01/2016 06:10:00   2.03
06592> Regional         01/01/2016 06:20:00   2.03
06593> Regional         01/01/2016 06:30:00   2.03
06594> Regional         01/01/2016 06:40:00   2.03
06595> Regional         01/01/2016 06:50:00   2.03
06596> Regional         01/01/2016 07:00:00   2.03
06597> Regional         01/01/2016 07:10:00   2.03
06598> Regional         01/01/2016 07:20:00   2.03
06599> Regional         01/01/2016 07:30:00   2.03
06600> Regional         01/01/2016 07:40:00   2.03
06601> Regional         01/01/2016 07:50:00   2.03
06602> Regional         01/01/2016 08:00:00   2.03
06603> Regional         01/01/2016 08:10:00   2.03
06604> Regional         01/01/2016 08:20:00   2.03
06605> Regional         01/01/2016 08:30:00   2.03
06606> Regional         01/01/2016 08:40:00   2.03
06607> Regional         01/01/2016 08:50:00   2.03
06608> Regional         01/01/2016 09:00:00   2.03
06609> Regional         01/01/2016 09:10:00   2.03
06610> Regional         01/01/2016 09:20:00   2.03
06611> Regional         01/01/2016 09:30:00   2.03
06612> Regional         01/01/2016 09:40:00   2.03
06613> Regional         01/01/2016 09:50:00   2.03
06614> Regional         01/01/2016 10:00:00   2.03
06615> Regional         01/01/2016 10:10:00   2.03
06616> Regional         01/01/2016 10:20:00   2.03
06617> Regional         01/01/2016 10:30:00   2.03
06618> Regional         01/01/2016 10:40:00   2.03
06619> Regional         01/01/2016 10:50:00   2.03
06620> Regional         01/01/2016 11:00:00   2.03
06621> Regional         01/01/2016 11:10:00   2.03
06622> Regional         01/01/2016 11:20:00   2.03
06623> Regional         01/01/2016 11:30:00   2.03
06624> Regional         01/01/2016 11:40:00   2.03
06625> Regional         01/01/2016 11:50:00   2.03
06626> Regional         01/01/2016 12:00:00   2.03
06627> Regional         01/01/2016 12:10:00   2.03
06628> Regional         01/01/2016 12:20:00   2.03
06629> Regional         01/01/2016 12:30:00   2.03
06630> Regional         01/01/2016 12:40:00   2.03
06631> Regional         01/01/2016 12:50:00   2.03
06632> Regional         01/01/2016 13:00:00   2.03
06633> Regional         01/01/2016 13:10:00   2.03
06634> Regional         01/01/2016 13:20:00   2.03
06635> Regional         01/01/2016 13:30:00   2.03
06636> Regional         01/01/2016 13:40:00   2.03
06637> Regional         01/01/2016 13:50:00   2.03
06638> Regional         01/01/2016 14:00:00   2.03
06639> Regional         01/01/2016 14:10:00   2.03
06640> Regional         01/01/2016 14:20:00   2.03
06641> Regional         01/01/2016 14:30:00   2.03
06642> Regional         01/01/2016 14:40:00   2.03
06643> Regional         01/01/2016 14:50:00   2.03
06644> Regional         01/01/2016 15:00:00   2.03
06645> Regional         01/01/2016 15:10:00   2.03
06646> Regional         01/01/2016 15:20:00   2.03
06647> Regional         01/01/2016 15:30:00   2.03
06648> Regional         01/01/2016 15:40:00   2.03
06649> Regional         01/01/2016 15:50:00   2.03
06650> Regional         01/01/2016 16:00:00   2.03
06651> Regional         01/01/2016 16:10:00   2.03
06652> Regional         01/01/2016 16:20:00   2.03
06653> Regional         01/01/2016 16:30:00   2.03
06654> Regional         01/01/2016 16:40:00   2.03
06655> Regional         01/01/2016 16:50:00   2.03
06656> Regional         01/01/2016 17:00:00   2.03
06657> Regional         01/01/2016 17:10:00   2.03
06658> Regional         01/01/2016 17:20:00   2.03
06659> Regional         01/01/2016 17:30:00   2.03
06660> Regional         01/01/2016 17:40:00   2.03
06661> Regional         01/01/2016 17:50:00   2.03
06662> Regional         01/01/2016 18:00:00   2.03
06663> Regional         01/01/2016 18:10:00   2.03
06664> Regional         01/01/2016 18:20:00   2.03
06665> Regional         01/01/2016 18:30:00   2.03
06666> Regional         01/01/2016 18:40:00   2.03
06667> Regional         01/01/2016 18:50:00   2.03
06668> Regional         01/01/2016 19:00:00   2.03
06669> Regional         01/01/2016 19:10:00   2.03
06670> Regional         01/01/2016 19:20:00   2.03
06671> Regional         01/01/2016 19:30:00   2.03
06672> Regional         01/01/2016 19:40:00   2.03
06673> Regional         01/01/2016 19:50:00   2.03
06674> Regional         01/01/2016 20:00:00   2.03
06675> Regional         01/01/2016 20:10:00   2.03
```

```
06676> Regional         01/01/2016 20:20:00   2.03
06677> Regional         01/01/2016 20:30:00   2.03
06678> Regional         01/01/2016 20:40:00   2.03
06679> Regional         01/01/2016 20:50:00   2.03
06680> Regional         01/01/2016 21:00:00   2.03
06681> Regional         01/01/2016 21:10:00   2.03
06682> Regional         01/01/2016 21:20:00   2.03
06683> Regional         01/01/2016 21:30:00   2.03
06684> Regional         01/01/2016 21:40:00   2.03
06685> Regional         01/01/2016 21:50:00   2.03
06686> Regional         01/01/2016 22:00:00   2.03
06687> Regional         01/01/2016 22:10:00   2.03
06688> Regional         01/01/2016 22:20:00   2.03
06689> Regional         01/01/2016 22:30:00   2.03
06690> Regional         01/01/2016 22:40:00   2.03
06691> Regional         01/01/2016 22:50:00   2.03
06692> Regional         01/01/2016 23:00:00   2.03
06693> Regional         01/01/2016 23:10:00   2.03
06694> Regional         01/01/2016 23:20:00   2.03
06695> Regional         01/01/2016 23:30:00   2.03
06696> Regional         01/01/2016 23:40:00   2.03
06697> Regional         01/01/2016 23:50:00   2.03
06698> Regional         01/02/2016 00:00:00   2.03
06699> Regional         01/02/2016 00:10:00   2.03
06700> Regional         01/02/2016 00:20:00   2.03
06701> Regional         01/02/2016 00:30:00   2.03
06702> Regional         01/02/2016 00:40:00   2.03
06703> Regional         01/02/2016 00:50:00   2.03
06704> Regional         01/02/2016 01:00:00   2.03
06705> Regional         01/02/2016 01:10:00   2.03
06706> Regional         01/02/2016 01:20:00   2.03
06707> Regional         01/02/2016 01:30:00   2.03
06708> Regional         01/02/2016 01:40:00   2.03
06709> Regional         01/02/2016 01:50:00   2.03
06710> Regional         01/02/2016 02:00:00   2.03
06711> Regional         01/02/2016 02:10:00   2.03
06712> Regional         01/02/2016 02:20:00   2.03
06713> Regional         01/02/2016 02:30:00   2.03
06714> Regional         01/02/2016 02:40:00   2.03
06715> Regional         01/02/2016 02:50:00   2.03
06716> Regional         01/02/2016 03:00:00   2.03
06717> Regional         01/02/2016 03:10:00   2.03
06718> Regional         01/02/2016 03:20:00   2.03
06719> Regional         01/02/2016 03:30:00   2.03
06720> Regional         01/02/2016 03:40:00   2.03
06721> Regional         01/02/2016 03:50:00   2.03
06722> Regional         01/02/2016 04:00:00   2.03
06723> Regional         01/02/2016 04:10:00   2.03
06724> Regional         01/02/2016 04:20:00   2.03
06725> Regional         01/02/2016 04:30:00   2.03
06726> Regional         01/02/2016 04:40:00   2.03
06727> Regional         01/02/2016 04:50:00   2.03
06728> Regional         01/02/2016 05:00:00   2.03
06729> Regional         01/02/2016 05:10:00   2.03
06730> Regional         01/02/2016 05:20:00   2.03
06731> Regional         01/02/2016 05:30:00   2.03
06732> Regional         01/02/2016 05:40:00   2.03
06733> Regional         01/02/2016 05:50:00   2.03
06734> Regional         01/02/2016 06:00:00   2.03
06735> Regional         01/02/2016 06:10:00   2.03
06736> Regional         01/02/2016 06:20:00   2.03
06737> Regional         01/02/2016 06:30:00   2.03
06738> Regional         01/02/2016 06:40:00   2.03
06739> Regional         01/02/2016 06:50:00   2.03
06740> Regional         01/02/2016 07:00:00   2.03
06741> Regional         01/02/2016 07:10:00   2.03
06742> Regional         01/02/2016 07:20:00   2.03
06743> Regional         01/02/2016 07:30:00   2.03
06744> Regional         01/02/2016 07:40:00   2.03
06745> Regional         01/02/2016 07:50:00   2.03
06746> Regional         01/02/2016 08:00:00   2.03
06747> Regional         01/02/2016 08:10:00   2.03
06748> Regional         01/02/2016 08:20:00   2.03
06749> Regional         01/02/2016 08:30:00   2.03
06750> Regional         01/02/2016 08:40:00   2.03
06751> Regional         01/02/2016 08:50:00   2.03
06752> Regional         01/02/2016 09:00:00   2.03
06753> Regional         01/02/2016 09:10:00   2.03
06754> Regional         01/02/2016 09:20:00   2.03
06755> Regional         01/02/2016 09:30:00   2.03
06756> Regional         01/02/2016 09:40:00   2.03
06757> Regional         01/02/2016 09:50:00   2.03
06758> Regional         01/02/2016 10:00:00   2.03
06759> Regional         01/02/2016 10:10:00   2.03
06760> Regional         01/02/2016 10:20:00   2.03
06761> Regional         01/02/2016 10:30:00   2.03
06762> Regional         01/02/2016 10:40:00   2.03
06763> Regional         01/02/2016 10:50:00   2.03
06764> Regional         01/02/2016 11:00:00   2.03
```

```
06765> Regional         01/02/2016 11:10:00   2.03
06766> Regional         01/02/2016 11:20:00   2.03
06767> Regional         01/02/2016 11:30:00   2.03
06768> Regional         01/02/2016 11:40:00   2.03
06769> Regional         01/02/2016 11:50:00   2.03
06770> Regional         01/02/2016 12:00:00   2.03
06771> Regional         01/02/2016 12:10:00   6
06772> Regional         01/02/2016 12:20:00   6
06773> Regional         01/02/2016 12:30:00   6
06774> Regional         01/02/2016 12:40:00   6
06775> Regional         01/02/2016 12:50:00   6
06776> Regional         01/02/2016 13:00:00   6
06777> Regional         01/02/2016 13:10:00   4
06778> Regional         01/02/2016 13:20:00   4
06779> Regional         01/02/2016 13:30:00   4
06780> Regional         01/02/2016 13:40:00   4
06781> Regional         01/02/2016 13:50:00   4
06782> Regional         01/02/2016 14:00:00   4
06783> Regional         01/02/2016 14:10:00   6
06784> Regional         01/02/2016 14:20:00   6
06785> Regional         01/02/2016 14:30:00   6
06786> Regional         01/02/2016 14:40:00   6
06787> Regional         01/02/2016 14:50:00   6
06788> Regional         01/02/2016 15:00:00   6
06789> Regional         01/02/2016 15:10:00   13
06790> Regional         01/02/2016 15:20:00   13
06791> Regional         01/02/2016 15:30:00   13
06792> Regional         01/02/2016 15:40:00   13
06793> Regional         01/02/2016 15:50:00   13
06794> Regional         01/02/2016 16:00:00   13
06795> Regional         01/02/2016 16:10:00   17
06796> Regional         01/02/2016 16:20:00   17
06797> Regional         01/02/2016 16:30:00   17
06798> Regional         01/02/2016 16:40:00   17
06799> Regional         01/02/2016 16:50:00   17
06800> Regional         01/02/2016 17:00:00   17
06801> Regional         01/02/2016 17:10:00   13
06802> Regional         01/02/2016 17:20:00   13
06803> Regional         01/02/2016 17:30:00   13
06804> Regional         01/02/2016 17:40:00   13
06805> Regional         01/02/2016 17:50:00   13
06806> Regional         01/02/2016 18:00:00   13
06807> Regional         01/02/2016 18:10:00   23
06808> Regional         01/02/2016 18:20:00   23
06809> Regional         01/02/2016 18:30:00   23
06810> Regional         01/02/2016 18:40:00   23
06811> Regional         01/02/2016 18:50:00   23
06812> Regional         01/02/2016 19:00:00   23
06813> Regional         01/02/2016 19:10:00   13
06814> Regional         01/02/2016 19:20:00   13
06815> Regional         01/02/2016 19:30:00   13
06816> Regional         01/02/2016 19:40:00   13
06817> Regional         01/02/2016 19:50:00   13
06818> Regional         01/02/2016 20:00:00   13
06819> Regional         01/02/2016 20:10:00   13
06820> Regional         01/02/2016 20:20:00   13
06821> Regional         01/02/2016 20:30:00   13
06822> Regional         01/02/2016 20:40:00   13
06823> Regional         01/02/2016 20:50:00   13
06824> Regional         01/02/2016 21:00:00   13
06825> Regional         01/02/2016 21:10:00   53
06826> Regional         01/02/2016 21:20:00   53
06827> Regional         01/02/2016 21:30:00   53
06828> Regional         01/02/2016 21:40:00   53
06829> Regional         01/02/2016 21:50:00   53
06830> Regional         01/02/2016 22:00:00   53
06831> Regional         01/02/2016 22:10:00   38
06832> Regional         01/02/2016 22:20:00   38
06833> Regional         01/02/2016 22:30:00   38
06834> Regional         01/02/2016 22:40:00   38
06835> Regional         01/02/2016 22:50:00   38
06836> Regional         01/02/2016 23:00:00   38
06837> Regional         01/02/2016 23:10:00   13
06838> Regional         01/02/2016 23:20:00   13
06839> Regional         01/02/2016 23:30:00   13
06840> Regional         01/02/2016 23:40:00   13
06841> Regional         01/02/2016 23:50:00   13
06842> Regional         01/03/2016 00:00:00   13
06843>
06844> [REPORT]
06845> INPUT      YES
06846> CONTROLS   NO
06847> SUBCATCHMENTS ALL
06848> NODES ALL
06849> LINKS ALL
06850>
06851> [TAGS]
06852> Subcatch   A007R1           RearYards
06853> Subcatch   A007R2           RearYards
```