



Evolugen

Trail Rd. BESS

Ottawa, ON

Technical Report

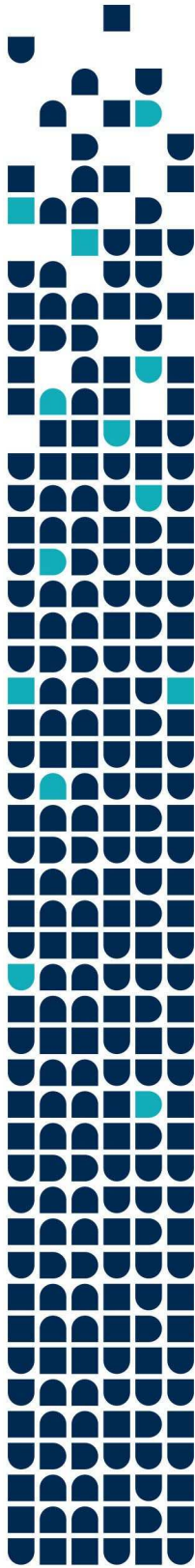
Stormwater Management Plan

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FOR PERMITTING

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1. Introduction

The Trail Road Battery Energy Storage System (BESS) project is defined to meet Ontario's growing electricity expenditure and demand by constructing an energy storage facility. The facility will increase renewable grid capacity and storage, in addition to providing a low-carbon initiative to avoid greenhouse gas emissions by reducing reliance on higher carbon-intensive facilities.

The Trail Road BESS project is a proposed installation of 150 MW Battery Energy Storage System. The project site is at 4186 William McEwen Dr., Ottawa, Ontario and within the Rideau Valley Conservation Authority. The location is shown in Figure 1, indicated by the red pin.



Figure 1: Site location (Source: GeoOttawa)

This report has been prepared to summarize the stormwater management plan (SWMP) for this development and discusses the following:



- Site information;
- The design criteria applied in the development of the stormwater management plan of the BESS project in accordance with applicable standards and guidelines;
- The modelling approach employed to evaluate the stormwater management controls;
- Spill prevention and response;
- Erosion and sediment control;
- Maintenance and monitoring.

1.1. Abbreviations and acronyms

The table below lists all abbreviations and acronyms used in this document along with their definition.

Table 1: Abbreviations and acronyms

Abbreviation or acronym	Definition
BESS	Battery Energy Storage System
Dstorm	Design Storm Wizard
EPA	Environmental Protection Agency
ESC	Erosion and Sediment Control
IDF	Intensity Duration Frequency
MECP	Ministry of the Environment, Conservation and Parks (formerly Ministry of Environment (MOE))
MTO	Ministry of Transportation
RVCA	Rideau Valley Conservation Authority
SCS CN	Soil Conservation Service Curve Number
SWMM	Stormwater Management Model
SWMP	Stormwater Management Plan
TSS	Total Suspended Solids

1.2. Units and symbols

All units of measurement must be in accordance with the International System of Units (SI). If exceptions need to be made, SI shall be used as the primary dimensions, with the corresponding conversion to the other system of units in brackets.



All units used in this document are listed in the following table:

Table 2: Units and symbols

Unit/Symbol	Description
m	Metre
cm	Centimetre
mm	Millimetre
m ³	Cubic metres
s	Seconds
ha	Hectares
min	Minutes
hr	Hour
yr	Year
mbgs	Meters below ground surface
masl	Meters above sea level
MW	Megawatt
MWh	Megawatt-hour

1.3. Codes, standards, regulations, and guidelines

Unless otherwise specified, the design will be based on applicable sections of the following codes, standards, regulations, guidelines, and other reference documents.

Table 3: Codes, standards, regulations, and guidelines

Document code/Author	Document title
AWWA	American Waterworks Association
CAN/CGSB	Canadian General Standards Board
City of Ottawa	Official Plan (November 2022)
City of Ottawa	Ottawa Sewer Design Guidelines, SDG002 (October 2012)
City of Ottawa	Sewer Use Bylaw (Bylaw No. 2003-514) (January 2004)
City of Ottawa	Technical Bulletin PIEDTB-2016-01, Revisions to Ottawa Design Guidelines – Sewer (September 2016)
City of Ottawa	Technical Bulletin ISDTB-2018-04, Revisions to Ottawa Design Guidelines – Sewer (June 2018)



Document code/Author	Document title
City of Ottawa	Technical Bulletin ISDTB-2019-02, Revisions to Ottawa Design Guidelines – Sewer (July 2019)
CSA	Erosion and sediment control installation and maintenance, W208:20
EPA/Government of Ontario	Environmental Protection Act, R.S.O. 1990, c. E.19
IEEE 980	Guide for Containment and Control of Oil Spills in Substations
OPS	Ontario Provincial Standards
Ontario MOE	Stormwater Management Planning and Design Manual (March 2003)
Ontario MOE	Design Guidelines for Sewage Works (2008)
Ontario MTO	Drainage Management Manual (1995-1997)
Ontario MTO	MTO Hydrotechnical Design Charts (2023)
Ontario MTO	Drainage Design Standards (2008)
Province of Ontario	Conservation Authorities Act – Ontario Regulation 41/24
CSA	MTO Highway Drainage Design Standards (January 2008)
OHS/USC	Occupational Health and Safety Act
Rideau Valley Conservation Authority (RVCA)	Development Activity Policies and Procedures (November 2024)
US EPA	Storm Water Management Model User's Manual Version 5.1 (September 2015)
USDA	Urban Hydrology for Small Watersheds TR-55 (June 1986)

1.4. Reference documents

The reference documents are summarized in Table 4.

Table 4: Reference documents

Document code/Author	Document title
Geotechnical reports	
Hatch Ltd.	Trail Road Battery Energy Storage System (BESS) Preliminary Geotechnical Investigation (H375035-0000-2A0-066-0001, Rev. 2)
Hatch Ltd.	Trail Road Battery Energy Storage System (BESS) - Hydrogeological and Terrain Analysis Study (H375035-0000-2A4-030-0001, Rev. 0)
Survey plans	
Tulloch Geomatics Inc.	Topographic Plan of Survey of Part of the Southeast ¼ Lot 3 Concession 4 Rideau Front Geographic Township of Nepean City of Ottawa (File: 241437), dated: March 12, 2025
Software and/or models	
EPA SWMM	Software, United States Environmental Protection Agency, Version: 5.2.4



2. Background

2.1. Site description

The BESS and substation portion of the Trail Road BESS project is located at 4186 William McEwen Dr., Ottawa, Ontario. The site location is currently covered by trees and has no agricultural activities on it. The project is a proposed installation of 150 MW Battery Energy Storage System (BESS). The proposed development consists of the BESS area, substation, stormwater pond, and an access road (Figure 2).



Figure 2: BESS site (Source: Bing map)

The site is relatively flat with an elevation change of approximately 95.5 to 96 masl across the site. The BESS site runoff is planned to drain east to a proposed stormwater pond.

The project site is located within the Rideau River Watershed, specifically the Mud Creek Catchment in the Lower Rideau River Sub-watershed. The nearby watercourse and Thomas Baxter Municipal Drain are shown in Figure 3 in blue.



The property is designated "Rural Countryside." Highway 416 is identified as a Scenic Route as per Schedule C13 of the "Official Plan" (City of Ottawa, 2022). The proposed development must meet the requirements of Section 4.6.2 policy 4) of the "Official Plan" as it is adjacent to the Scenic Route. The policies related to this project include preserving and restoring landscaping along the right of way and providing screening to hide outside storage. This is achieved by locating the site away from Highway 416 and hidden by existing trees.

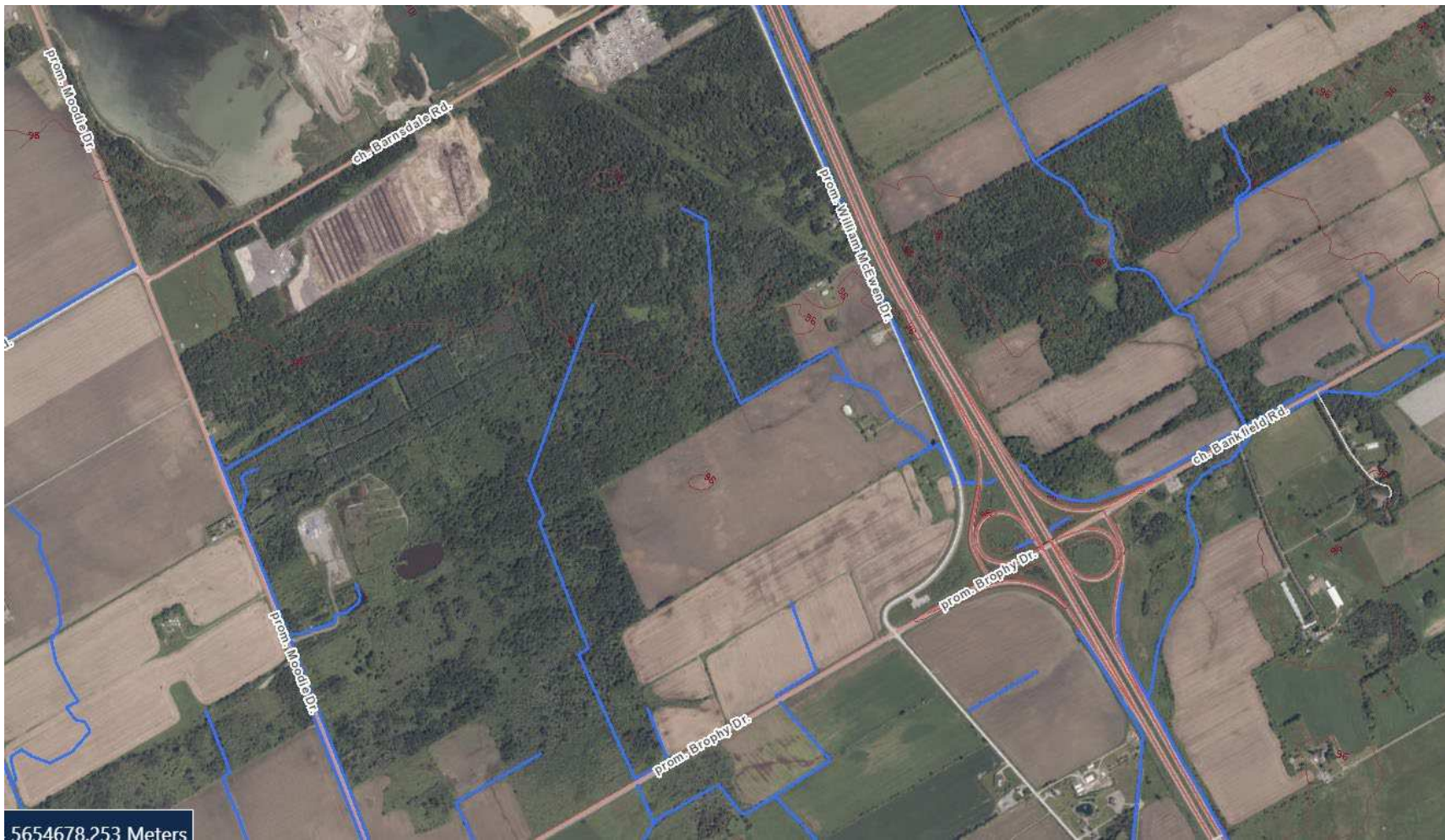


Figure 3: Watercourse and municipal drain adjacent to BESS site (Source: Ottawa Geoweb)



2.2. Subsurface and groundwater conditions

Site-specific hydrogeological and geotechnical conditions are an important input to consider in the planning and design of the stormwater management plan.

The surficial geological mapping produced by the Geological Survey of Canada (GSC) indicates that the study area is underlain by reworked glaciofluvial sands and silts overlying sandy-silt to silty sand-textured till. The published drift thickness mapping (bedrock depth) indicates that bedrock surface is generally located at depths ranging from 15 to 25 m. The bedrock geology mapping indicates the bedrock at study area is limestone and dolomite of the Oxford Formation (Hatch, 2025).

Geotechnical site investigations were conducted by Hatch Ltd. at the BESS site. Soil conditions consist of a range of 100 to 300 mm thick topsoil layer; large layer of cohesionless soil consisting of silty sand to sandy-silt, going to depths of around 6.3 m. In Borehole TR24-1, there is a layer of sandy-silt with gravel ending at a depth of 9.5 m where bedrock is located (Hatch, 2025).

Hatch installed groundwater level monitors in Boreholes TR 24-1 and TR24-6. Groundwater was found to be at depths ranging from 0.7 m to 1.1 m below ground surface level and is expected to fluctuate with the seasons (Hatch, 2025).

Hatch collected soil samples at 0.76m intervals within the upper approximately 4.6m and at 1.5m below this level. Additional soil samples were collected at approximately 0.3 m and 1.5 m below ground surface for laboratory testing (Hatch, 2025).

Having sandy-silt material below the topsoil helps drain a significant amount of runoff to the ground; otherwise, without having a proper water balance, this development can negatively impact the environment by reducing baseflow, degrading water quality, and increasing flooding and erosion, which leads to a reduced diversity of aquatic life.

2.3. Regulation area and flooding hazard

The Regulation Limit Boundary, obtained from the RVCA Regulation Map, is shown in Figure 4 and Figure 5. In addition to the regulations from the RVCA Regulation Map, Ontario Regulation 41/24 also applies to the site due to the presence of a watercourse (Figure 4). The dark blue line shows the extent of the 100-yr flood, and the green/black line the required 15-m setback from the flood line. The thin blue lines delineate unnamed watercourses. In addition, a 30-m setback is required from the Provincially Significant Wetlands of which the nearest is approximately 6700 m away from the lot and cannot be shown in a picture together with the lot due to the distance.



The Trail Road BESS lot is approximately 1,600 m from the nearest 100-yr flood line. Since the site is outside the 15-m setback of the 100-year flood, no flooding hazard is present. A minimum 15-m offset is required for the Thomas Baxter municipal drain and associated watercourse is mandated by the RVCA Development Activity Policies and Procedures (RVCA, 2024). Based on the proposed layout, the disturbed area has 167 m separation from this drain. Furthermore, during construction and operation, no stormwater will be drained to this stream.

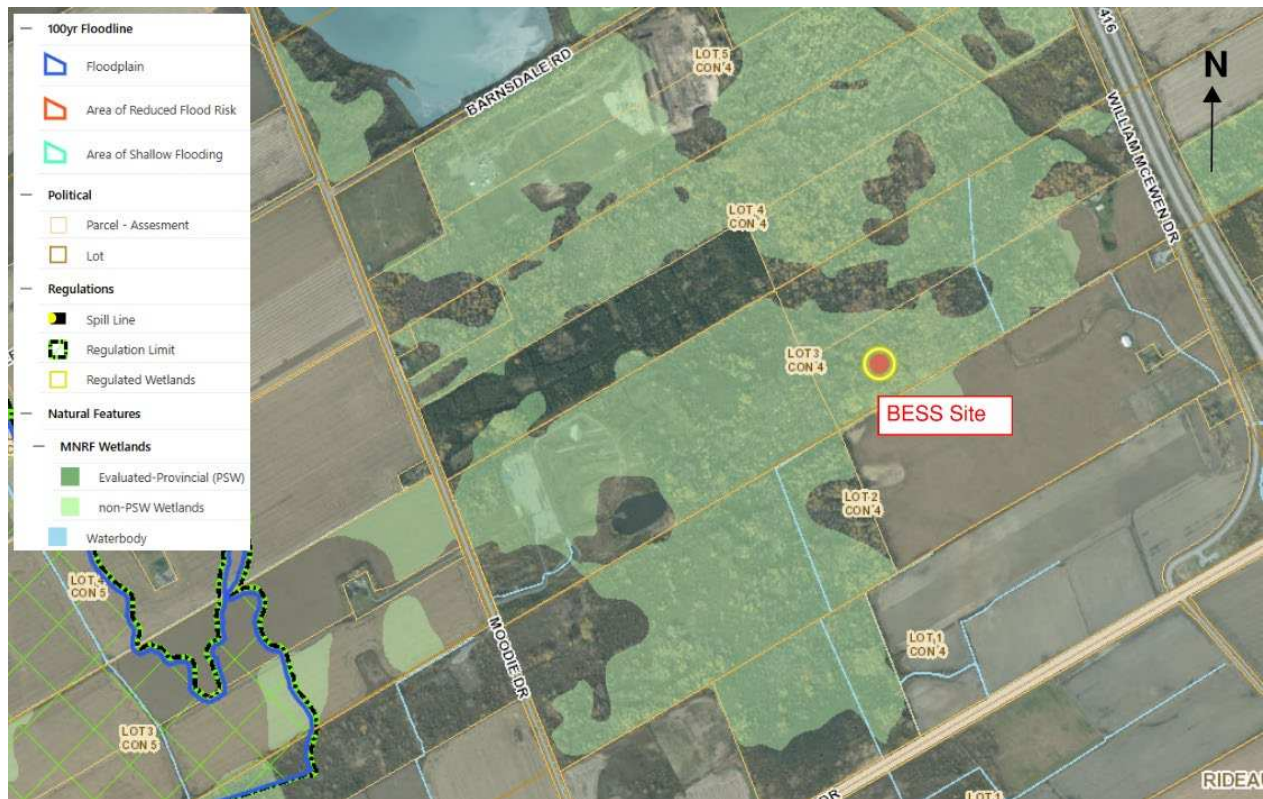


Figure 4: Close up of RVCA regulated areas (source: RVCA GeoPortal)



Figure 5: RVCA regulated areas (source: RVCA GeoPortal)



3. Water budget assessment

A water budget assessment for a battery storage facility site evaluates how water moves into, through, and out of the property, considering both natural and site-specific engineered conditions. The assessment begins by quantifying inputs such as local precipitation and any water supplied to the facility. Outputs like evapotranspiration, surface runoff from impervious surfaces, and infiltration into subsoils are analyzed. Since battery storage facilities are typically characterized by large impervious areas, the assessment emphasizes surface water management and minimizing stormwater impacts using an appropriate stormwater storage facility.

Understanding the site's water budget is essential for regulatory compliance, environmental protection, and operational safety. Effective management of runoff is especially important to prevent flooding, erosion, and potential contamination from accidental spills or leaks of battery chemicals. Additionally, the water budget results inform stormwater permitting requirements and guide design features that promote infiltration and reduce peak flows. Overall, a water budget assessment supports both environmental stewardship and long-term functionality of the facility.

3.1. Water budget equation

A quantitative evaluation of the movement, storage, and use of water in a watershed over a specific time period is needed for a water budget assessment study. It helps to understand how water enters, flows through, and leaves the watershed.

Quantifying the water budget equation before and after development requires breaking it down into its components and estimating how each is affected. As mentioned, an impervious geomembrane will be laid down across the entire site (except the substation area), so the groundwater has not been considered in the water budget equation for the BESS area. The general water budget equation is:

$$P + I_a = ET + R + I_g + \Delta S$$

Where:

P = Precipitation

I_a = Anthropogenic inputs (e.g., irrigation, imported water)

ET = Evapotranspiration (actual)



R = Runoff

I_g = Infiltration to groundwater (recharge)

ΔS = Change in storage (soil moisture, surface water, groundwater)

Actual evapotranspiration (ET) is the quantity of water removed from a surface due to the processes of evaporation and transpiration and is measured in millimetres (mm). For the city of Ottawa, 468 millimetres is considered for evapotranspiration (Statistics Canada, Environmental, Energy and Transportation Statistics Division, 2017).

The amount of precipitation that falls in a watershed is the key factor affecting surface water and groundwater flows. Precipitation is considered the only source of water to the watersheds in the Rideau Valley Conservation Area. Annually, approximately 77% of precipitation in the Mississippi-Rideau Source Protection Region (MRSPR) falls as rain and 23% as snowfall. The driest month of the year is February, and the wettest month is September. The greatest amount of snowfall occurs in December (Mississippi Valley Source Protection Area water budget report-2011). Figure 6 shows the average annual precipitation across the MRSPR and the climate stations used to develop these models. For the Trail Road site, 876-900 mm is considered for the mean total annual precipitation for both pre- and post-development situations.

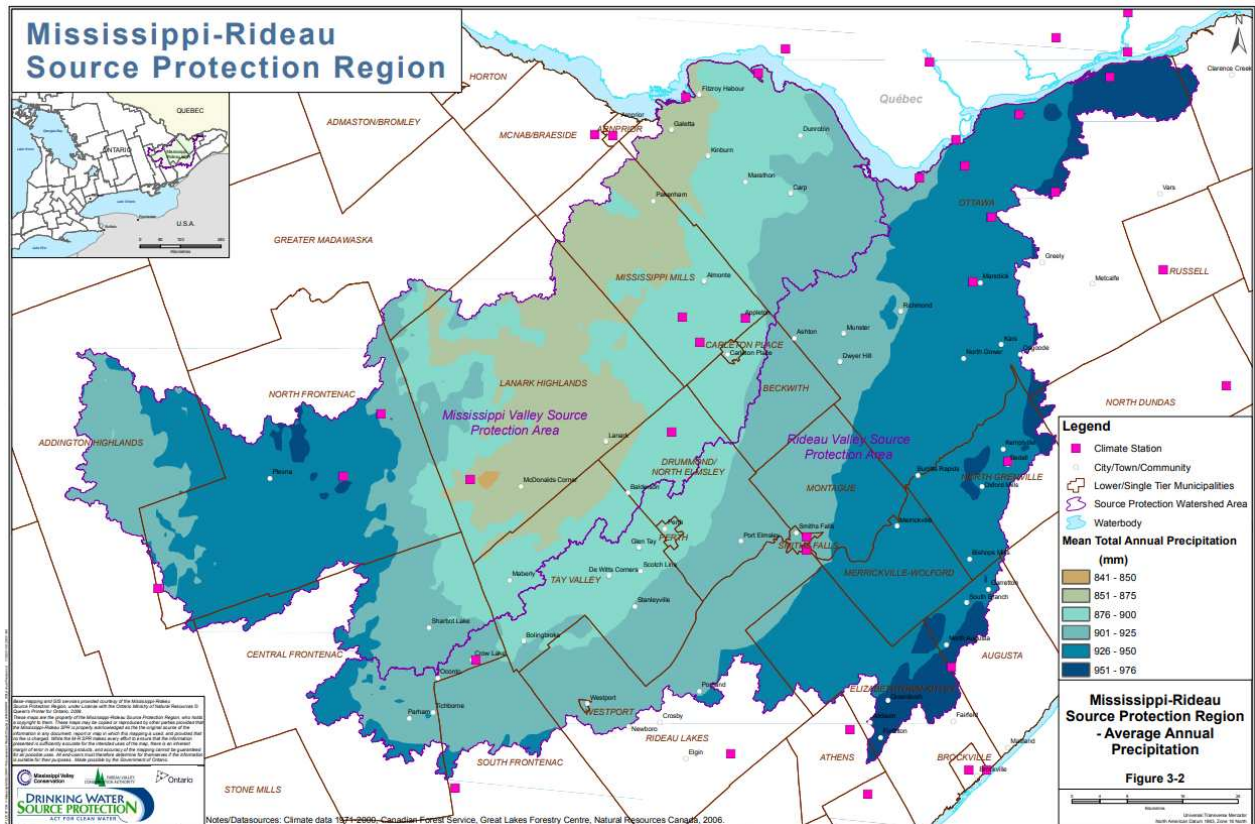


Figure 6: Average annual precipitation across the MRSPR and the climate stations used to develop these models

The average temperature was calculated from the Canadian Forest Service data as the average of minimum and maximum temperatures. The average annual temperature varies across the MRSPR from 4°C in the west to 7°C in the southeast. Figure 7 shows the distribution of average annual temperature across the MRSPR. Based on this figure, the average annual temperature for the site area is from 5.1°C to 6.0°C.

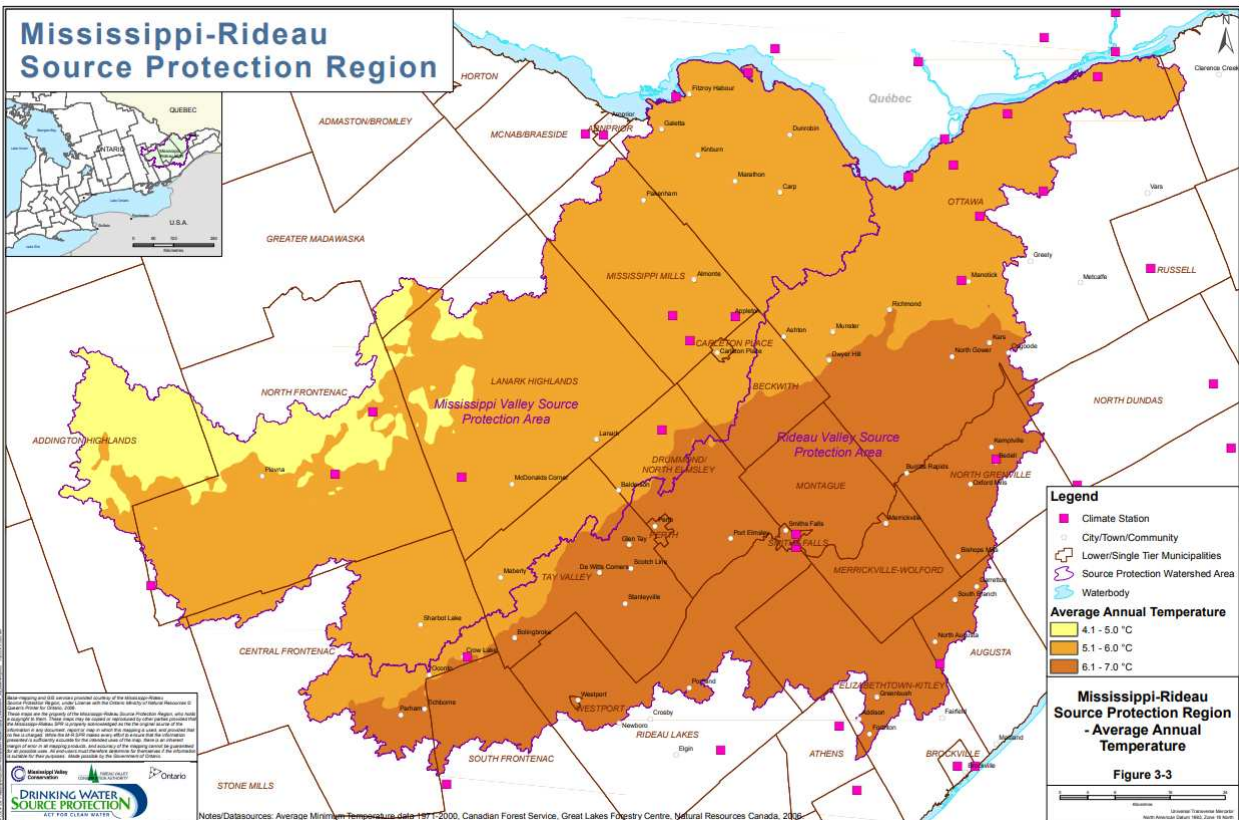


Figure 7: Average annual temperature - Environment Canada Great Lakes Forestry Study (McKenney et al., 2006)

Based on the type of soil and PCSWMM model, on average, 70% of the net rainfall (precipitation minus evaporation) will infiltrate into the soil in pre-development conditions. In the post-development situation, a geomembrane layer will be installed across the entire site (except the substation), and so there will be no infiltration in the development boundary except the substation area. The proposed ditches around the site and the wet pond will also be equipped with an impervious geomembrane, so the runoff flow from the battery area will be collected and discharged to the stormwater storage facility directly without having any infiltration.

The evapotranspiration (ET) ratio for different ground covers—like grass and gravel—refers to how much water is lost to the atmosphere through a combination of evaporation and plant transpiration. Since the site's natural surface is undisturbed, the ET rate is assumed to be 1.0. For the post-development condition, the ET rate is calculated to be 0.3, based on the weighted average of gravel and concrete surfaces. In Table 5, pre-development (natural/undeveloped land) and post-development conditions are compared.



Table 5: Comparison Table: Pre- vs. Post-Development (per 1000 mm/year)

Component	Pre-development (mm)	Post-development (mm)
Precipitation (P)	888	888
ET	468	193
Runoff (R)	126	648
Infiltration (I _g)	294	47
Anthropogenic Input (I _a)	N/A	N/A
Anthropogenic Output	N/A	N/A

3.2. Groundwater and surface water flow

The site-specific hydrogeological and geotechnical conditions are an important input to be considered in the planning and design of the stormwater management plan. The site investigation shows that the development area is underlain by a relatively uniform sequence of silty sand to sandy silt extending to depths of approximately 6.2 to 6.4 m bgs. These deposits exhibit compact to dense conditions and are consistent with reworked glaciofluvial sands and silts typical of the Edwardsburg Sand Plain (Hatch, 2025). Since the ground water level fluctuates seasonally, it was determined to use the ground water level at grade for safety of design.

3.3. Sensitive features

Within the study area, it is crucial to identify and map all sensitive surface water and groundwater features to ensure their protection through targeted management strategies. Sensitive surface water features may include rivers, lakes, wetlands, and streams that support biodiversity, provide drinking water, or are integral to cultural and recreational values. Similarly, vulnerable groundwater resources, such as shallow aquifers or those connected to surface water systems, require detailed hydrogeological assessments to determine their recharge zones, flow patterns, and susceptibility to contamination. The clearing and grubbing area during the construction will be limited to this development boundary, and the rest of the project site will not be disturbed. The purpose of the erosion and sediment control plan is to protect the environment during the construction. After the construction and during the operation period, the runoff flow will be drained to the proposed



ditches system around the site. This drainage pattern is supported by the finished grades of the site and can guarantee the required protection for the groundwater and surface water.

Establishing clear protection targets for these sensitive features depends on a comprehensive understanding of their ecological functions, water quality status, and exposure to threats such as pollution or land use change. Based on the SWM design, this site will use a wet pond equipped with an impervious geomembrane (as a liner) and a shut-off valve. The wet pond structure will remove a minimum of 80% of the total suspended solids (TSS) from stormwater runoff and work as a detention storage facility and the shut-off valve can stop the flow from the pump to prevent any contamination to the receiving outflow.

3.4. Climate change

Studies conducted by source protection planning demonstrate that climate change will bring warmer temperatures to the Eastern Ontario region in the next thirty years (and beyond) and eventually will impact the groundwater and surface water quality and quantity. Table 6 shows the Monthly Average Climate Data for Drummond Centre (MVSPA) and Kemptville (RVSPA) 1954-2004.

Table 6: Monthly Average Climate Data for Drummond Centre (MVSPA) and Kemptville (RVSPA) 1954-2004

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
A) MVSPA - Drummond Centre													
Precipitation (mm)	61	55	59	65	73	76	75	77	81	74	80	71	848
Snow water equivalent (mm)	42	38	30	9	1	0	0	0	0	2	16	44	181
Rainfall (mm)	16	17	29	57	72	76	75	77	81	72	64	27	667
Temperature (°C)													
Min.	-15	-14	-7	0	7	11	13	12	8	2	-3	-10	0
Max.	-4	-3	4	12	20	24	27	26	20	13	5	-2	12
Mean	-10	-9	-2	6	13	18	20	19	14	8	1	-6	6
Potential ET1	0	1	6	33	82	116	135	112	71	34	10	1	602
B) RVSPA - Kemptville													
Precipitation (mm)	61	60	63	72	79	79	84	81	85	77	80	77	898
Snow water equivalent (mm)	42	37	36	11	0	0	0	0	0	3	18	45	192
Rainfall (mm)	25	20	34	64	75	80	85	84	83	74	65	34	722
Temperature (°C)													
Min.	-14	-14	-10	-3	4	10	13	13	10	5	0	-8	1
Max.	-5	-4	0	8	16	22	26	26	22	17	9	0	11
Mean	-9	-9	-5	3	10	16	19	19	16	11	5	-4	6
Potential ET1	0	1	6	32	82	115	132	108	70	34	10	1	591
1. All Values are measured except for potential ET. Potential ET is calculated (Thornthwaite and Mather).													

Notes:

MVSPA - Mississippi Valley Source Protection Area
 RVSPA - Rideau Valley Source Protection Area

Recent temperature data indicates that Ottawa has experienced an increase in temperature in the past 50 years. Average winter temperatures have increased approximately 1.5°C, spring



temperatures have increased approximately 1.0°C and summer temperatures have increased 0.5-0.7°C. Fall temperatures were the exception, not showing any major change (chapter 7 of the Mississippi Valley Source Protection Area Climate Change Assessment Report, 2022). The following table shows the projected maximum (tmax) and minimum (tmin) seasonal temperatures for the period 2010-2039 from the base period 1984-2003, as calculated by Mississippi Valley Conservation (MVC). Table 7 shows the projected maximum (tmax) and minimum (tmin) seasonal temperatures for the period 2010-2039 from the base period 1984-2003, as calculated by MVC.

Table 7: Projected maximum and minimum seasonal temperatures for 2010-2039
 (Source: Chapter 7 of Mississippi Valley Source Protection Area Climate Change Assessment Report, 2022)

Projected Temperature Changes			
For the period 2010-2039			(°C/30yr)
Summer			Fall
	tmax	tmin	tmax
June	0.9	0.9	September
July	1.2	1.5	October
August	0.9	0.9	November
<u>average</u>	<u>1</u>	<u>1.1</u>	<u>average</u>
Winter			Spring
	tmax	tmin	tmax
December	0.6	1.2	March
January	2.4	5.1	April
February	0.9	1.8	May
<u>average</u>	<u>1.3</u>	<u>2.7</u>	<u>average</u>

Trend data for Ottawa demonstrates a statistically significant increase in the number of days with heavy rain (greater or equal to 95 percentile rainfall), with other stations immediately surrounding the region having non-significant increases in the 1950-2003 period. Although there is no strong indication of the trend at this time, the percentage of precipitation that falls as winter rain or occurs as freezing rain may rise as winter temperatures increase. The trend in the number of freezing rain hours per year shows a small but steady increase (Environment Canada 2005).

MVC predicted the changes in precipitation as below:

- Fall (September, October, and November) precipitation will increase by 2039;
- Winter (December, January, and February) precipitation will decrease in December, with increases in January and February;
- Spring (March, April, and May) precipitation will show no change in April and decreases in March and May by 2039;



- Summer (June, July, and August) average precipitation projections by 2039 indicate an increase in June and July with a decrease in August.

3.5. Implementation plan

The design should incorporate a combination of low-impact development (LID) strategies and stormwater best management practices (BMPs) to achieve the post-development flows lower than the pre-development flows. The main purpose is to retain runoff on-site, promote infiltration, and match pre-development flow volumes and peak discharges. However, since an impervious geomembrane is used for most of the site area, the runoff flow from the BESS area will be collected and discharged to the wet pond. The PCSWMM model shows that infiltration is maintained around the site outside the proposed development and confirm that total runoff under post-development conditions are lower than the pre-development flows. Refer to section 5 for stormwater management results. Evapotranspiration is maintained where possible through using vegetated ditches around the site.

Downstream mitigation measures have been evaluated based on watershed modelling and local hydraulic capacity. No immediate downstream channel reinforcements are required, but monitoring will be conducted during the first operational year to detect any unforeseen impacts. Should flow exceedances be observed, wet pond or conveyance improvements will be coordinated with local agencies and adjoining landowners. The plan also anticipates future climate conditions, incorporating stormwater infrastructure designed for higher-intensity rainfall events.

4. Stormwater management plan

4.1. Design criteria

The stormwater management design criteria are based on the guidelines outlined in the Ministry of the Environment, Conservation and Parks (MECP), formerly the Ministry of Environment (MOE) "Stormwater Management Planning and Design Manual" (MOE, 2003) (refer to Table 3).

A summary of how each SWM criteria is addressed is provided in Table 8. A discussion about the design criteria and applied control measures are included in this section.



Table 8: Summary of stormwater management design criteria

SWM Criteria	Subcomponent	Control measures
Water Quantity	Peak flow control	The proposed stormwater detention pond will be used for quantity control
	Volume control	Wet pond with control structure
	External drainage conveyance	Diversion ditch around the site
Water Quality	Suspended solids	The proposed stormwater detention pond will be used for quality control
	Other contaminants	A petro-pipe will be installed to alleviate the risk of oil leaving the site in case of spillage
Stream Erosion Control		Runoff from a 25-mm design storm (4-hour, Chicago distribution) will be detained and released over a period of at least 24 hours.
Erosion and Sediment Control		Erosion and sediment control plan to reduce, contain, and treat sediment-laden runoff. More details in Section 7 of this report.

Water quantity

The stormwater detention wet pond will be used for water quantity control under normal operational and emergency conditions. For normal ones, the proposed pond size has been evaluated to ensure 100-yr post-development peak flow rates of the BESS site do not exceed the 2-yr pre-development flow values. The pond is equipped with an overflow weir and reverse sloped pipes connect to a control structure that has a pumping system to pump water at two different locations to maintain existing flows.

Water quality

The stormwater pond will be used for water quality control as the end-of-pipe SWM facility. Although wet ponds usually require a minimum drainage area of about 5 hectares to sustain the permanent pool, due to the high local groundwater table a wet pond will be used as an end-of-pipe storm water storage facility for this site. The proposed pond is evaluated to ensure it provides water quality, erosion, and quantity control. The pond will provide an Enhanced Level (80% removal of suspended solids) of water quality treatment according to "Stormwater Management Planning and Design Manual" (Ontario, 2003). The permanent pool volume required for the wet pond for water quality control is per Table 3.2 "Water Quality Storage Requirements based on Receiving Waters" (MOE, 2003). The role of the permanent pool is to minimize re-suspension and blockage of the outlet. It provides extended settling and removes biological pollutants.



A sediment forebay facilitates maintenance and improves pollutant removal by trapping larger particles near the inlet of the pond.

Groundwater

The boreholes show that the groundwater table varies throughout the site, with groundwater level ranging from approximately 0.7 m bgs to 2.5 m bgs. No groundwater was observed on the surface of the site, so any wetland features are likely seasonal. The presence of surface water will depend on the surface water runoff during peak precipitation events and appear due to the shallow groundwater table.

Groundwater levels at the site are expected to fluctuate seasonally. Higher groundwater levels are anticipated during wet periods, such as spring or after prolonged precipitation events.

Groundwater flow is shown in Figure 3. Refer to Hatch's Hydrogeological and Terrain Analysis Study (H375035-0000-2A4-030-0001) for more information. Groundwater quantity and quality assessments are not required for this study, as site development does not rely on groundwater for water supply or wastewater disposal purposes.

4.2. SWM concept

The Trail Road BESS site stormwater management concept is to collect and discharge the runoff from the developed area to a proposed stormwater wet pond South-West of the battery containers area to manage the stormwater quantity and quality and provide erosion control for the site. This concept is to prevent discharging the stormwater directly to the existing municipal drain and adjacent properties.

The proposed stormwater system consists of a main ditch, which collects all surface runoff, with a low point in the middle that connects and discharges to the wet pond. The storm system is designed for the 100-year event. The wet pond will be designed such that the 100-yr post-development peak flow will match the 2-year pre-development peak flow rate (according to the pre-consultation letter from City of Ottawa).

Furthermore, the outflow will be released to its pre-development outfall until the 2-year pre-development total volume equivalent for the site is met. Any exceeding volume will be redirected to the access road ditch and then to the cedar view road ditch. This ensures that the peak flow and total stormwater volume never exceed the pre-development 2-year storm conditions and do not dry out the downstream land by diverting all the stormwater to a public ditch. This outflow



management will be done through a pumping system with an outlet at the back of the site and one at the front.

The entire storm network will be sized to manage the stormwater demand from the BESS site and meet all applicable standards and guidelines; these are described further in Section 5.3.1.

It should be mentioned that there will be a change in the drainage pattern for the rest of the site (undisturbed areas). The existing natural flow path running through the site will be redirected around the southern edge of the site and reconnected to its original flow path downstream.

The surface materials of the proposed BESS site are composed of gravel for the roads; gravels for the substation and BESS area; concrete for substation equipment and building foundations as well as for miscellaneous equipment in the BESS area; and, grassed and vegetated elsewhere.

4.3. Pump system design

Outflow will be pumped from the wet pond with a submersible pump into a manhole beside the wet pond to one of the two locations defined above.

The pumping system will be driven by the pond level and outflow will be set to the maximum possible flow with the use of a flowmeter with VFD on the pump motor. If the pump selected is not suitable to be used with a VFD, manual pinch valves will be added to the discharge piping to adjust the flow. The discharge point will be first directed back south of the site to a maximum volume permitted per day of 1296 m³. Then if the daily maximum is reached, the remaining outflow will be diverted to the front ditch on the northeast side.

The pumping system shown in Figure 8 has a second identical pump in case of main pump failure.

Below is the control block diagram illustrating the pumping sequence.

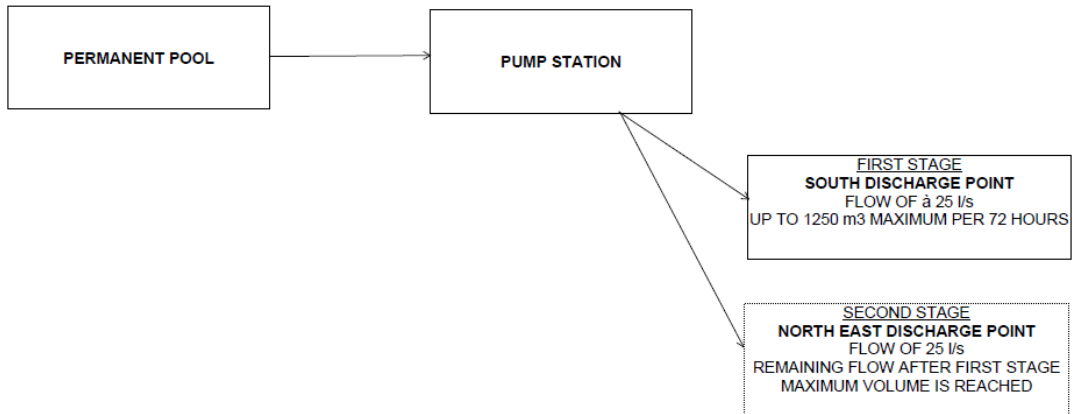


Figure 8: Control block diagram

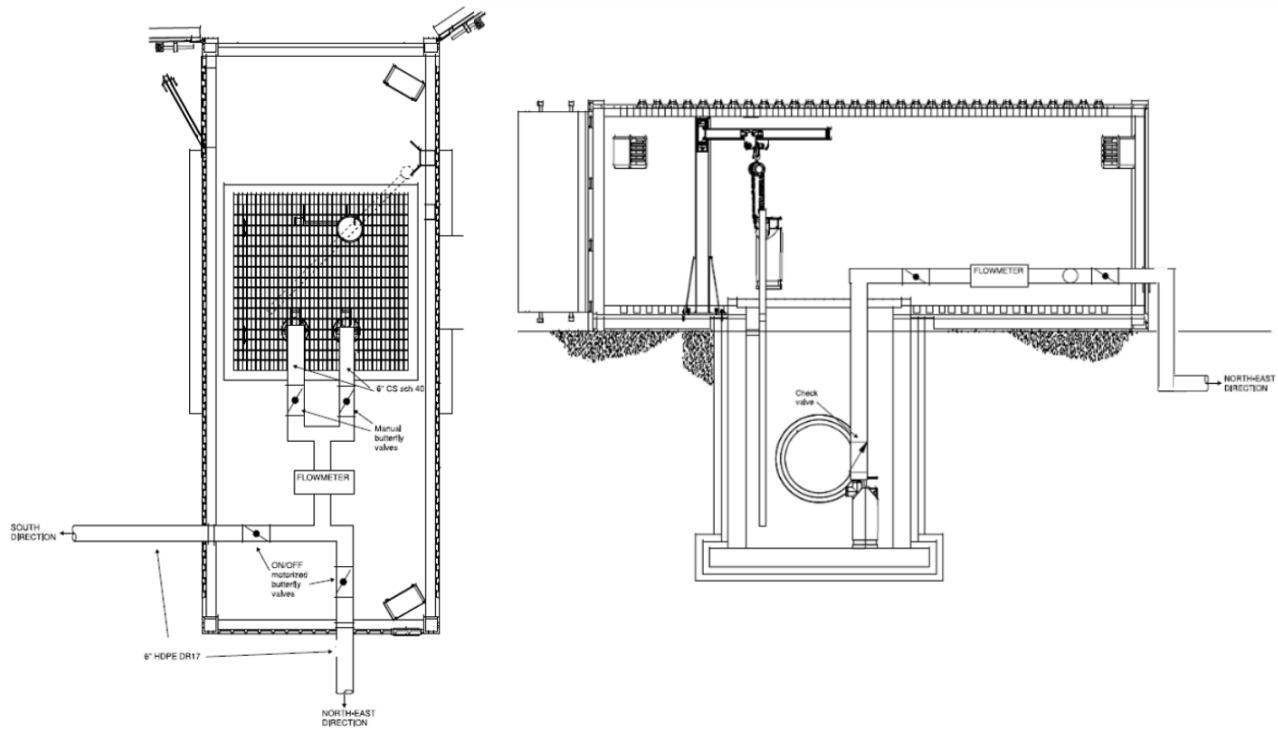


Figure 9: Pump station arrangement

5. SWM modelling

The Computation Hydraulics Inc. (CHI) PCSWMM software version 7.7.3920 was used for modelling the pre- and post-development storm scenarios. SWMM is a dynamic rainfall-runoff simulation model used for a single event or long-term (continuous) simulation of runoff quantity and quality from primarily urban areas. The software was used to simulate overland flow and routing through various hydraulic structures such as swales, pipes, culverts, weirs, orifices, and the wet pond.

5.1. Parameters and assumptions

5.1.1. Topography

For the pre-development site, sub-catchment areas were delineated based on topographic survey "241437 Trail Road BESS MTM9-Rev0-20250312" along with publicly available GEO-Ottawa



lidar for the natural terrain shape. For post-development conditions, sub-catchment areas were delineated based on the layout of the proposed drainage system and the proposed grading design.

5.1.2. Storm events

Storm events of 2-, 5-, 10-, 25-, 50-, and 100-year return periods of the 12-hour SCS Type 2, 24-hour SCS Type 2, 4-hour Chicago storm distributions obtained from "Ottawa Sewer Design Guidelines Second Edition" (City of Ottawa, 2012) were simulated for the pre- and post-development conditions for evaluating the quantity control.

5.1.3. Hydrologic parameters

The infiltration and runoff potential of soils can be defined by the Soil Conservation Service Curve Number (CN). The CN values for the soils on the BESS site were selected based on findings from the "Trail Road Battery Energy Storage System (BESS) Hydrogeological and Terrain Analysis Study (H375035-0000-2A4-030-0001, Rev. A)" (Hatch, 2025). The findings of this report suggest site soils have decent infiltration capacity, but that groundwater table is high.

The site consists of two (2) main soil types: Nearshore Sediments in the northwest and Offshore Marine Deposits in the southeast. The Nearshore Sediments are composed of fine-to-medium-grained sands and exhibit moderate-to-high permeability due to their sandy texture; this makes the area suitable for surface-level construction activities without significant concerns for water retention or drainage issues. The Offshore Marine Deposits consist of clay, silty-clay and silt. The soil composition suggests low permeability in the area (Hydrogeological and Terrain Analysis Study – Hatch, 2025).

The hydrologic soil group is expected to be soil group "B" with a CN value of 69 for the Project site with an estimated Horton infiltration rates of 6 mm/h (minimum infiltration rate) to 80 mm/h (maximum infiltration rate) as per the Technical Guidelines for Flood Hazard Mapping by Ontario Conservation Authorities. The site soil condition is suitable for infiltration (Hydrogeological and Terrain Analysis Study – Hatch, 2025).

The CN values are summarized below in Table 9. For sub-catchments with mixed surfaces, a weighted average was used in the model.



Table 9: Curve number

Surface	Curve number
Native site soils/Grass	69
Gravel (substation and access road)	85
Impermeable ground	98

For overland and drainage system flows, Manning's roughness coefficients and N impervious and N pervious are presented in Table 7 below.

Table 10: Manning's n

Surface	Manning's n
N pervious	0.17
N impervious	0.012
N impervious for impervious pad*	0.025
Dstore pervious(mm)	4.67
Dstore impervious	1.57

* Due to the geomembrane under the pad foundation, it is 100% impervious but its surface doesn't have a typical impervious manning like a building roof would. For the sub-catchment within the battery storage platform, the N impervious has been adjusted to one more suitable for compacted gravel.

The table below shows the different imperviousness at each sub-catchment:

Table 11: Sub-catchment imperviousness

Sub-catchments	Imperviousness
Battery platforms	100
Access road	85
Substation	76
Natural terrain	5



5.2. Pre-development results

The pre-development sub-catchments, within the property limits of the BESS site, are shown in the following figure.

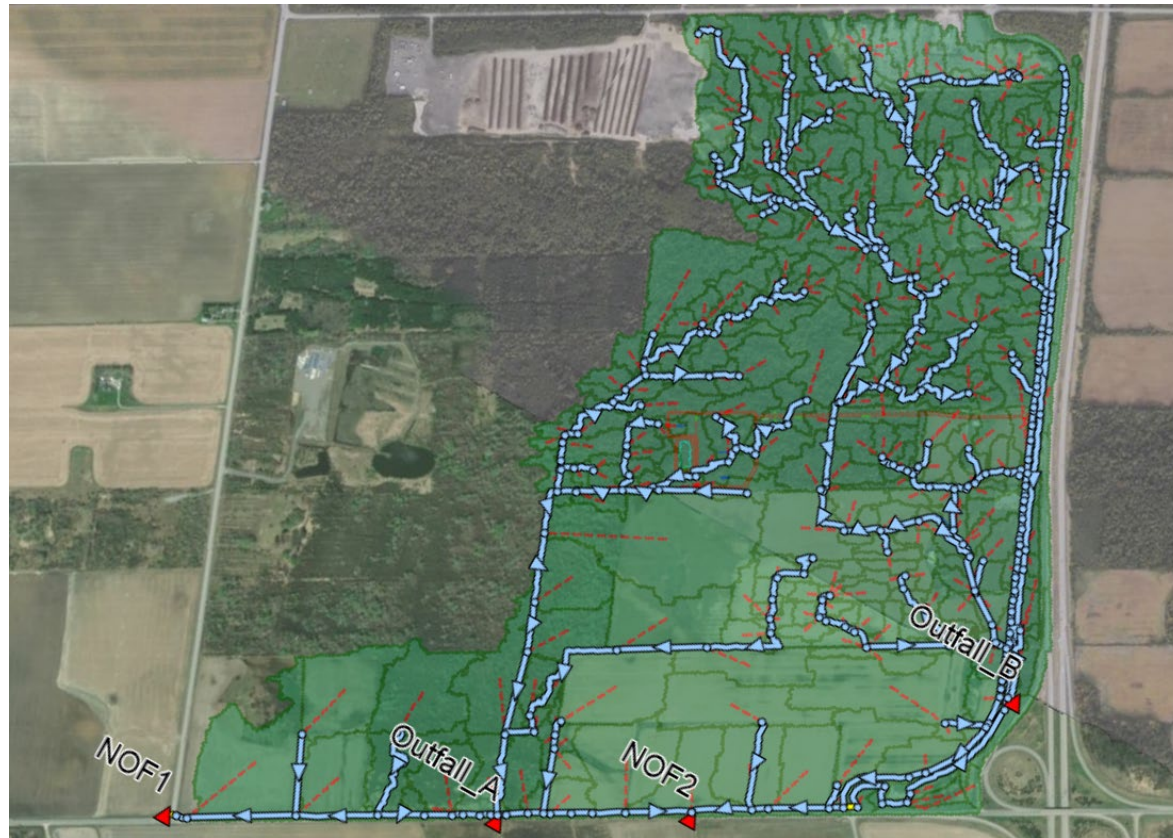


Figure 10: Pre-development sub-catchments



The sub-catchment has been generated by PSWMM through an auto-delineation tool using a DEM file of the GEO-Ottawa lidar data. This tool also determines the flow path and natural flow corridors of the terrain. Corridors have a cross-section generated from transects of the lidar data. Using this information, we can determine an optimal discharge point downstream of the pond outlet. This discharge point will also be used to measure different flows in post and pre-development.

Table 12: SCS Type 2 Storm Pre-development Flows

Return period		100 years		50 years		25 years		10 years		5 years		2 years	
		Max. flow	Total vol.	Max. flow	Total vol.	Max. flow	Total vol.	Max. flow	Total vol.	Max. flow	Total vol.	Max. flow	Total vol.
outfall	Duration	m3/s	ML	m3/s	m3/s	ML	m3/s	m3/s	ML	m3/s	ML	m3/s	ML
Culvert A	24-hr	1.129	31.7	1.033	28.4	0.929	25.0	0.749	20.2	0.572	15.7	0.259	8.69
Culvert B	24-hr	3.455	62.9	2.714	53.0	2.063	43.6	1.367	32.7	0.905	24.5	0.376	13.5

5.3. Post-development results

The stormwater management modelling results and details of stormwater management design are presented in this section.

5.3.1. Proposed pond description

A wet pond is proposed as a stormwater storage facility for this project due to the following advantages:

- Pond performance does not depend on soil characteristics;
- The permanent pool minimizes re-suspension;
- The permanent pool minimizes outlet blockage;
- Biological removal of pollutants occurs;
- The permanent pool provides extended settling.

The wet pond has a 10 m x 20 m forebay and 20 m x 40 m permanent pond, measured at the bottom of the pond. A berm separates the forebay and main pond areas. The wet pond uses 3:1 side slopes for both forebay and permanent pool areas except for the 5:1 safety ring just above the permanent pool. The forebay length-to-width ratio is 2:1 and the overall pond length-to-width ratio is 3:1, which aligns with MOE guidelines.

The inlet structure to the pond is a ditch at an invert elevation of 96.7 m.



5.3.2. Pond downstream conditions

The pond downstream will consist of a pumping station. Its tank will be connected to the pond through an inverted 600 mm pipe below the permanent water level. The goal of this configuration is to provide free flow from the pond to the pumping station tank while minimizing the suspended particles exiting the pond as a regular gravitational wet pond would. Essentially, the water level of the pond and pumping station tank will have matching levels, thus allowing the pumping system to have depth monitoring of the pond water levels.

A segment of vegetation is proposed downstream of the pump outlet at the back of the site. This will help negate erosion and provide a smoother transition into the natural flow path.

5.3.3. Sub-catchment areas

The BESS proposed subcatchments are set at 1% slope flowing straight to the main site ditch. The pond sub-catchment is considered to have a negligible flow length. The access road is designed to have a single superelevation towards the access road ditch with a flow length of 8 m and a 1% slope.

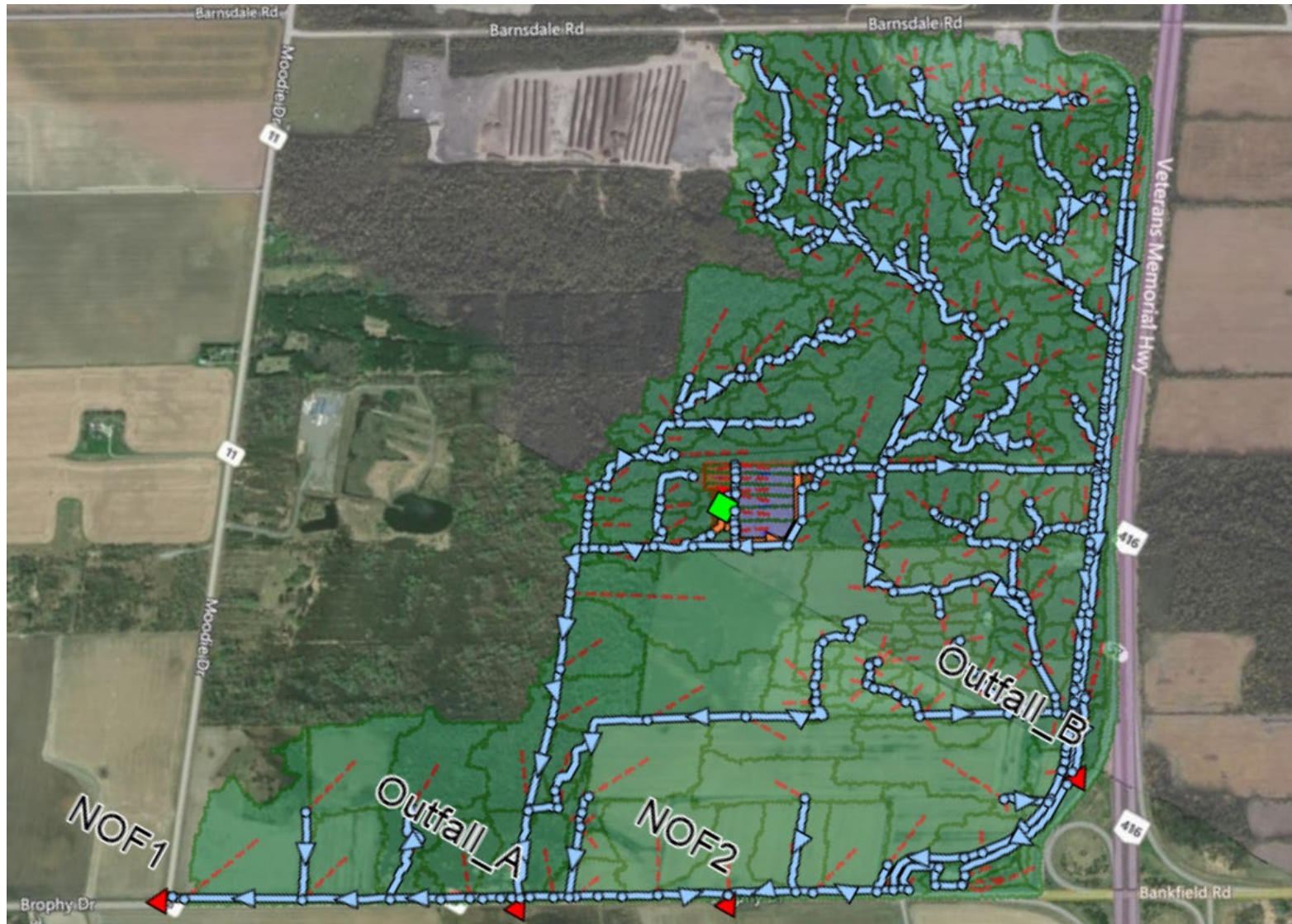


Figure 11: Post-development sub-catchment areas



5.3.4. Wet pond design criteria

The stormwater pond has been designed to meet quantity, quality, and erosion control requirements under the runoff from the BESS site. The design of the wet pond is per MECP (formerly MOE) design guidelines (MOE, 2003) and a summary of the design criteria is provided in Table 13, including the runoff from the BESS site.

Table 13: Wet pond design summary

Parameter	Minimum criteria (per MECP [formerly MOE] design guidelines)	Design value
Wet pond water quality storage requirement to meet enhanced Protection Level (80% removal of SS)	275 m ³ /ha	373 m ³ /ha
Detention time	24 hours	> 24 hours
Length-to-width ratio of the forebay	2:1	2:1
Overall length-to-width	3:1	3:1
Side slopes	3:1	3:1
Forebay	Minimum depth of 1 m	1.0 m depth
	Maximum 33% area of the total permanent pool	33% of total permanent pool area
Permanent pool depth	Maximum depth of 3 m	1.0 m
Active storage depth	Maximum 1.5 m for water quality/erosion control	0.45 m pool for water quality/erosion control
	Maximum 2 m, including quantity control	1.3 m for 100-yr quantity control.
Forebay length	Greater than or equal to the larger of the settling length and dispersion length: 11.0 m ⁽¹⁾	20 m
Freeboard	300 mm	300 mm under normal operating conditions
Inlet	Minimum 450 mm diameter	1 m wide open ditch
Outlet	Minimum 100 mm diameter	100 mm diameter
1. The settling length and dispersion length are calculated as per "Stormwater Planning & Design Manual" (MOE, 2003) for the erosion control storm and a 10-year storm, respectively.		

The pond size was verified to meet the following four (4) storage components: the permanent pool, forebay, active storage (quality/erosion control storage), and quantity control storage.



Based on the enhanced protection level of 80% long-term suspended solids removal and percentage of impervious area for the developed site, the MECP (formerly MOE) design manual Table 3.2 (MOE, 2003) requires 275 m³/ha of storage volume. The permanent pond volume is calculated to be 1 100 m³ to meet this requirement. Given the contributing developed areas of 3.86 ha for the BESS site, 1 400 m³/ha of storage volume is provided, meeting the requirements of Table 3.2 (Figure 12) for enhanced protection in wet ponds with a 100% impervious level.

Protection Level	SWMP Type	Storage Volume (m ³ /ha) for Impervious Level			
		35%	55%	70%	85%
<i>Enhanced</i> 80% long-term S.S. removal	Infiltration	25	30	35	40
	Wetlands	80	105	120	140
	Hybrid Wet Pond/Wetland	110	150	175	195
	Wet Pond	140	190	225	250
<i>Normal</i> 70% long-term S.S. removal	Infiltration	20	20	25	30
	Wetlands	60	70	80	90
	Hybrid Wet Pond/Wetland	75	90	105	120
	Wet Pond	90	110	130	150
<i>Basic</i> 60% long-term S.S. removal	Infiltration	20	20	20	20
	Wetlands	60	60	60	60
	Hybrid Wet Pond/Wetland	60	70	75	80
	Wet Pond	60	75	85	95
	Dry Pond (Continuous Flow)	90	150	200	240

Figure 12: Water quality storage requirements

(source: Table 3.2 in Stormwater Management Planning and Design Manual MOE, 2003)

The active storage was sized as the larger of the erosion control active storage and quality control active storage. Quality control requires a storage volume of 40 m³/ha, whereas erosion control requires a volume capable of providing 24 hours of detention time for a 25 mm, 4-hour Chicago storm. The quality control storage volume is 155 m³ and the erosion control volume is 840 m³.



For quantity control, 24-hour SCS Type 2 storm events were simulated for return periods ranging from 2 to 100 years. The post-development flow rates are compared to the pre-development values to ensure that the post-development quantity is equal to or less than the 2-year pre-development (as per pre-consultation letter received from the City of Ottawa) while maintaining a minimum 300 mm of freeboard to the top of the pond bank. To meet quantity control under normal operating conditions, the width of the weir will be 1.2 m to reduce outflow and meet peak flow requirements. See plan 7154024-200000-41-D70-0001 for more details.

A summary of results is presented in Table 15 through to Table 17.

5.3.5. Post-development flows

In Table 15, the controlled post-development flow rates leaving the wet pond with a free outfall, for the normal operating condition, is presented. The results meet MECP (formally MOE).

Table 14: SCS type 2 storm post-development flows

Return period		100 years		50 years		25 years		10 years		5 years		2 years	
outfall	Duration	Max. flow m3/s	Total vol. ML	Max. flow m3/s	Total vol. m3/s	Max. flow ML	Total vol. m3/s	Max. flow m3/s	Total vol. ML	Max. flow m3/s	Total vol. ML	Max. flow m3/s	Total vol. ML
Culvert A	24-hr	1.123	31.3	1.024	28.2	0.917	24.9	0.747	20.2	0.565	15.9	0.259	9.27
Culvert B	24-hr	3.241	66.3	2.588	56.0	1.991	46.3	1.334	34.8	0.894	26.5	0.381	14.6



To be able to compare the 100-year post development flows to the 2-year pre-development flows, the area draining towards the wet pond was set to 100-year return period and the rest of the site was set to the 2-year return period. The figure below shows the different sub catchment with the different return period. The following figure and tables show the flows at the 2 different outfalls:

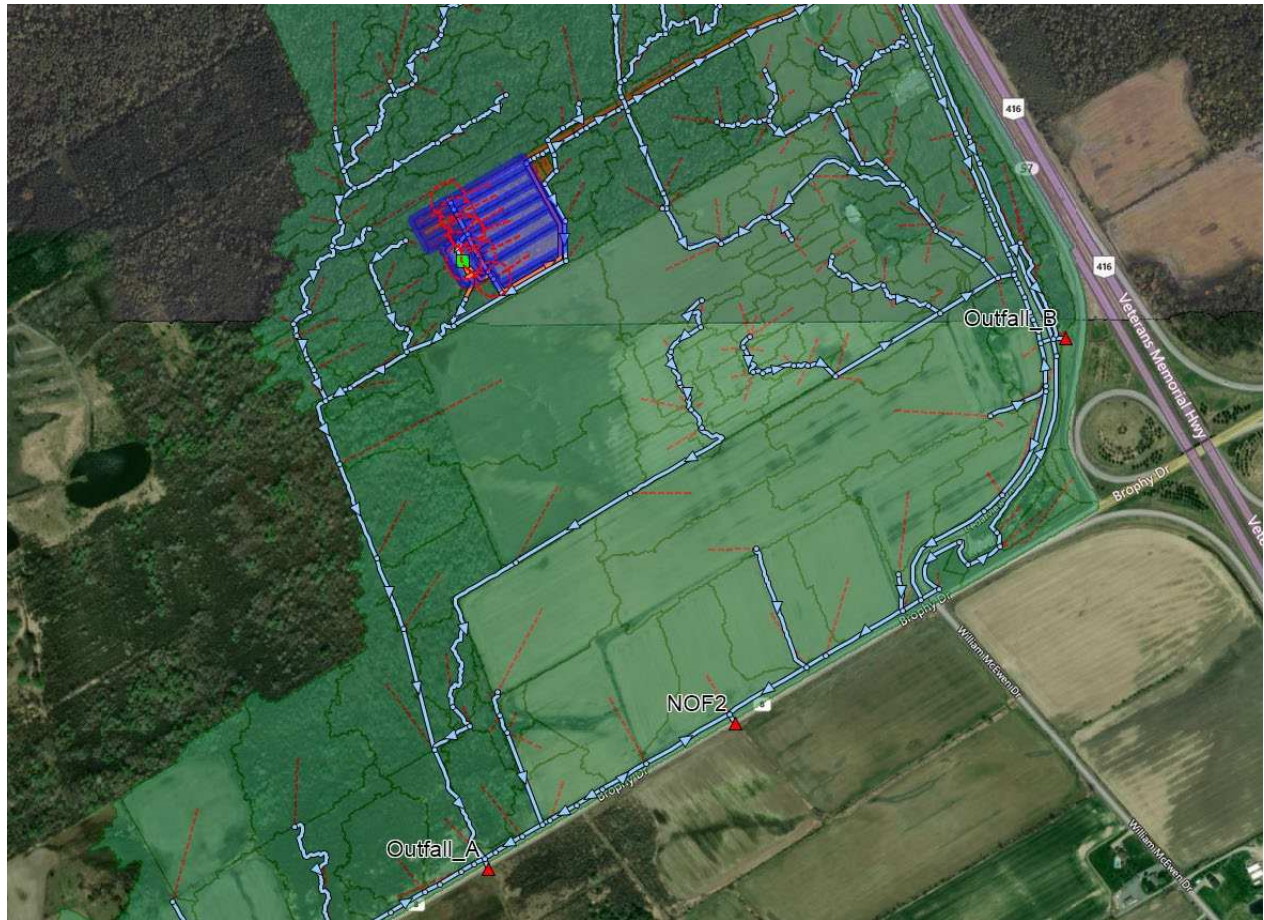


Figure 13: 100 years vs 2-year comparison

Table 15: Post-development flows under normal operation vs. pre-development flows

Return period	100-year post to 2-year pre
SCS Type 2 Duration 24h	m ³ /s
Culvert A	0.259/0.259
Culvert B	0.372/0.376



5.3.6. Wet pond water elevation and storage volume

Figure 14 shows the storage capacity curve of the proposed wet pond as it was input into PCSWMM. The storage curve by area includes the permanent pool volume.

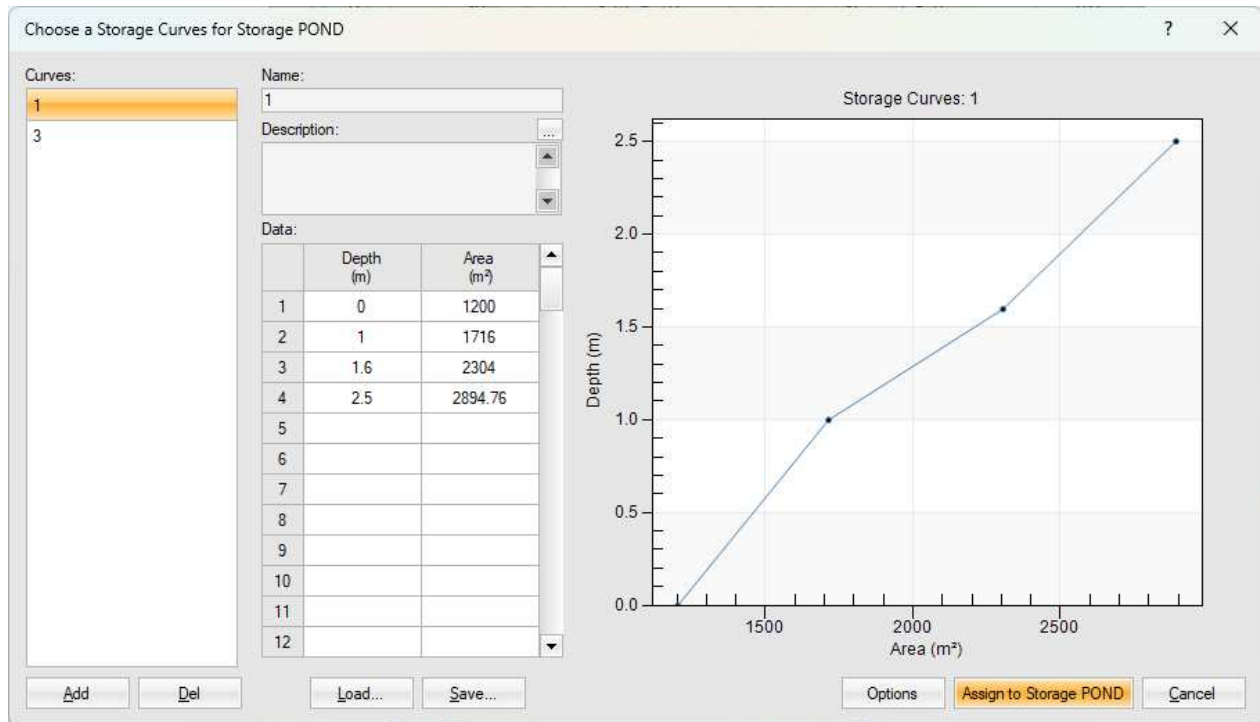


Figure 14: PCSWMM storage curve

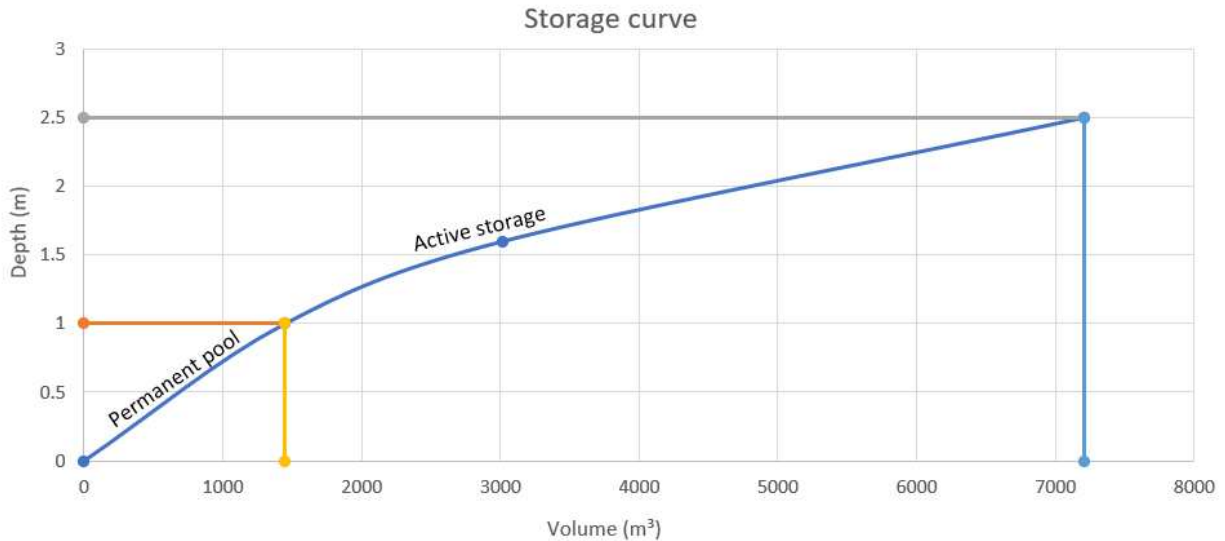


Figure 15: Storage curve

Table 16 illustrates every stage of storage for quality and quantity control.

Table 16: Stage storage relationship

Stage-storage relationship							Outflow (m³/s)	
Elevation (m)	Side slope (1:run)	Incremental depth (m)	Incremental volume (m³)	Total depth (m)	Total volume (m³)	Comments	Pump 1	Pump 2
94.4	3	0.00	0	0.00	0.00	Permanent pool	0	0
95.4	3	1.00	1461	1.00	1461		0	0
95.73	5	0.33	623	1.33	2084	Quality control Chicago 4h 25 mm	0.025	0
96.4	3	0.67	1547	2.00	3631	Quantity control 24hr 100 years	0.025*	0.025*
96.5	3	0.10	231	2.10	3862	Emergency spillway		0.025**
96.9	3	0.40	924	2.50	4786	Freeboard (0.4 m)		0.025**

*The pump 1 switch will occur after 1296 m³ is released.

** The use of the emergency spillway does not occur within the 100 yr storm return period.



The following table shows wet pond water elevation and associated active storage volumes. Results are given assuming a free outfall condition downstream of the pond control structure.

Table 17: Maximum water elevation during various storm events

Return period		100 years	50 years	25 years	10 years	5 years	2 years
SCS Type 2 duration							
24-hr Normal Operation	Max. water elevation (m)	2.00	1.90	1.81	1.69	1.60	1.47
	Max. active storage volume (ML)	2.170	1.928	1.696	1.421	1.212	0.91
25 mm, 4-hr Chicago	Water elevation (m)	1.33					
	Active storage volume (ML)	0.623					

6. Spill prevention and response

The BESS substation houses an oil-filled transformer, which poses a risk of potential release of oil to the environment. The spill prevention strategy to manage this risk and meet water quality objectives is developed in accordance with applicable standards, local bylaws, and guidelines for the design of secondary containment systems for substation transformers, including the Sewer Use Bylaw “Bylaw No. 2003-514” (City of Ottawa, 2004), the Ontario Technical Guide to Renewable Energy Approval (REA) under O. Reg. 359/09 of the Environmental Protection Act, and IEEE 980 “Guide for Containment and Control of Oil Spills in Substations.” Although this battery energy storage project does not classify as a renewable energy project, the Ontario Technical Guide to Renewable Energy Approval, nonetheless, contains useful recommendations for containment design of transformer substations, which have been considered in the design.

Per Sewer Use Bylaw “Bylaw No. 2003-514” (City of Ottawa, 2004) and the Ontario Technical Guide to Renewable Energy Approval, the maximum allowable concentration of oil and grease is 15 mg/L. The transformer will be contained within a concrete secondary containment pit. Control systems will monitor oil levels within the transformer, which alerts facility management to the leak. It will also be filled with fire-quenching stones and a sump pit with an oil detection system (Petro pipe) designed to meet the maximum allowable oil concentration. This system (Petro pipe) will close in contact with oil and prevent any water from flowing out of the secondary containment. The sump pit is located inside the containment, connected by a gravity





flow pipe to a nearby ditch east of the substation area. The pipes are sized to ensure flow rate is less than the design flow capacity of the sump pit.

The Ontario Technical Guide recommends that secondary containment be sized for the transformer oil volume plus the rainfall from the 24-hour 50-year return period storm. IEEE 980 recommends that the secondary containment volume be sized to hold 110% of oil volume. The governing scenario of these two guidelines will be considered in the design. And, as mentioned, clean water from the sump pit with oil detection system will be discharged back to the site stormwater system.

For sizing the sump pit with oil detection system, the following data is considered:

- The preliminary transformer has 46,000 L of oil;
- A 24-hour and 50-year return period event has a rainfall intensity of 4.4 mm/hr and cumulative rainfall depth of 105.2 mm.

For spill response, staff members should be trained and have any necessary equipment to contain and clean potential spills as per a site emergency response plan. The emergency response plan should also include coordination with local emergency response personnel and define procedures to inform the MOE Spills Action Centre of any reportable spills.

7. Erosion and sediment control

An erosion and sediment control (ESC) plan will ensure sediment-laden runoff does not damage downstream watercourses and receiving waters. The MECP (formerly MOE) design manual (MOE, 2003) requires that no off-site migration of sediment may occur. The ESC plan covers all phases of the project from clearing and grubbing, during construction, and cleaning/maintenance period. The permanent post-construction erosion control measures are discussed in Section 5.3.4. In this section, temporary ESC measures prior to and during construction are discussed.

The ESC plan is developed following guidelines based on "Stormwater Management Planning and Design Manual" (MOE, 2003) and the "Regulation Policies" (Conservation Authority).

The temporary pond permanent pool and the active storage volume are sized with 185m³/hectare. The result is included on drawing 7154024-100000-41-D10-0001. The erosion and sediment controls shall be installed prior to any construction activity. The ESC measures put in place are to be monitored and maintained throughout construction until the final grading, erosion control, and drainage systems are in place.



8. Snow storage

Snow storage area was evaluated using the method elaborated by LSRCA (Lake Simcoe Region Conservation Authority) for parking lot design. Since the site doesn't have a parking lot, the area designated on the drawings is considered an open area to store snow.

The yearly average of snow was taken from Environment Canada, Ottawa station. The following table shows the assumptions and data used for determining the size of the snow storage:

Average annual total snow fall depth	1.875
Assumed total melted fraction	0.5
Total snow depth remaining on site	0.5
New snowfall density	100 kg/m ³
Compacted snowfall density	500 kg/m ³
Fresh /compacted snow depth ratio	0.20
Snow depth in snow pile	0.175
Snowfall area to be cleared	18 000 m ²
Snow pile volume for average annual snow fall	3150 m ³

Assuming a pile height of 4.5 m with 1 m top width and 2H:1V side slope, the area is 45 m³.

Snow pile base area	19 m ²
Snow pile volume per metre length	45 m ³
Snow pile volume per square metre	2.368 m ³ /m ²
Snow pile area required for average annual snow fall	1330 m ² required

If additional snow event occurs, the snow would be truck out of site to a designated snow storage area.

9. Maintenance and monitoring

To ensure the proposed stormwater management system functions as per design, a maintenance plan should be implemented at the BESS site. Inspection is recommended annually to identify maintenance needs as well as after significant storm events to ensure proper system functioning.



The following items should be considered in the maintenance plan for the drainage system upstream and downstream of the pond and should be conducted quarterly to annually, or as-needed basis:

- Finished grading: low points and potential ponding areas;
- Flow control structure and storm pipes: blockages and sediment build-up;
- Grassed swales: blockages, state of vegetation, and signs of erosion;
- Culverts: blockages and sediment build-up;
- Sump pit with oil detection system: oil and sediment storage capacity (per recommendations of sump pit with oil detection system supplier).

The following items should be considered in the maintenance plan for the wet pond:

- Check the permanent pool elevation 48 hours after a storm event. If the water level is higher or lower than normal, check for leakages or blockages at the outlet and inlet, respectively;
- Check that the vegetation within the pond area is healthy. Revegetation may be required. To be conducted monthly to quarterly;
- Visually inspect for pollutants on the water surface and remove, as necessary. Indicators include trash, froth, or oily sheen. Conducted monthly to quarterly or as needed;
- Check pond structures such as forebay berm, orifices, and inlet/outlet pipes. Conducted monthly to quarterly, or as needed;
- Usage of herbicides and insecticides should be prohibited. Fertilizer should be limited to reduce nutrient loading downstream of the pond;
- Monitor sediment build-up within the pond annually. Based on the predicted sediment loading of the pond per MOE guidelines, forebay sediment removal should occur once every 15 years or when 50% of the forebay volume is filled with sediment, whichever occurs first;
- Sediment removal in the main pool should be conducted every 25 years or when 50% of the main pool volume is filled with sediment, whichever occurs first;
- It is recommended to conduct sediment removal during dry periods to remove the need for a by-pass pipe. Existing vegetation to be protected and replaced if damaged during this process. Sediments are to be dried in a designated drying area surrounded by silt fences and disposed of per MOE Sediment Disposal Guidelines;
- Effluent samples should be collected at the pond discharge point and be tested to ensure Provincial Water Quality Objectives are met, as per the existing certificate of approval for industrial sewage works (see Table 4).



10. Recommendations and conclusion

This report presents the stormwater management plan (SWMP) for the Trail Road Battery Energy Storage System (BESS). The following summarizes the SWMP strategy:

- The BESS site surface runoff will be routed via an open ditch. This ditch will discharge to a stormwater pond;
- The stormwater wet pond will be used as the SWM end-of-pipe control to meet quality, quantity, and erosion control requirements;
- A new grassed swale, connecting pond outlet and discharge point, will be used to drain water to the existing natural flow corridor;
- Recommended maintenance procedures have been provided in this report to ensure proper operation of the proposed storm drainage system;
- Spill prevention is another key component of water quality management. The risk of spill from oil-filled transformers will be managed by a concrete containment, discharging by gravity flow to a sump pit with oil detection system;
- Erosion and sediment control during the construction phase will ensure that sediment-laden runoff is managed and the quality of receiving waters is not impaired.



Appendix A: IDF Data

5.4.2 IDF Curves and Equations

An IDF (Intensity Duration Frequency) curve is a statistical description of the expected rainfall intensity for a given duration and storm frequency. In Ottawa, the IDF curve is derived from Meteorological Services of Canada (MSC) rainfall data taken from the Macdonald-Cartier airport. Rainfall collected from 1967 to 1997 was analyzed using the Gumbel Distribution. The following Table 5.1 shows the analysis results provided by MSC. The IDF equations have been derived on the basis of a regression equation of the form:

$$Intensity = \left[\frac{A}{d + C^{-B}} \right]$$

where:

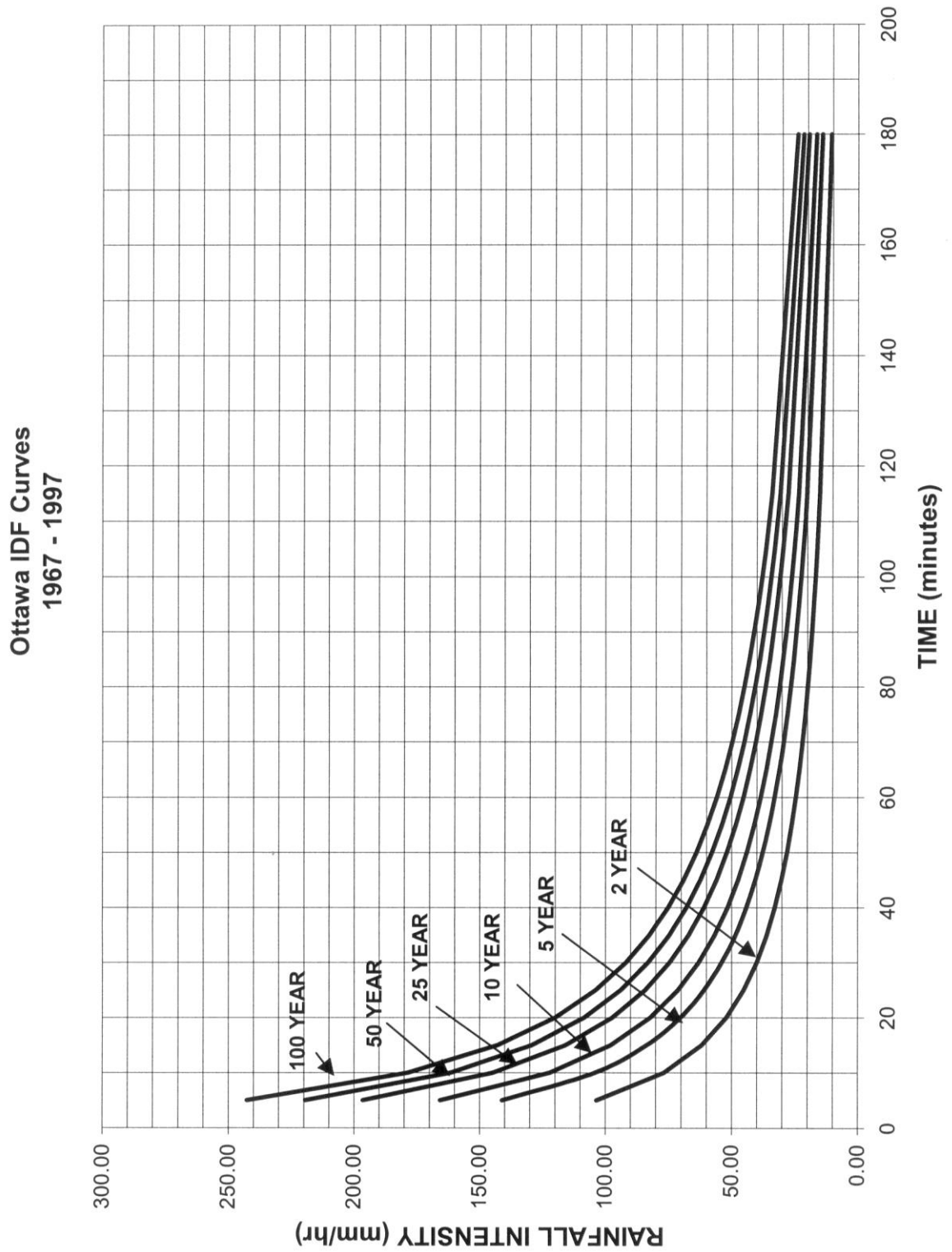
Intensity = mm/hr

Td = time of duration (min)

A, B, C = regression constants for each return period

Table 5.1 Ottawa IDF Table: 1967 to 1997

Time (min)	2 year (mm/hr)	5 year (mm/hr)	10 year (mm/hr)	25 year (mm/hr)	50 year (mm/hr)	100 year (mm/hr)
5	102.80	140.20	165.00	196.00	219.00	242.60
10	77.10	104.40	122.50	145.30	162.20	179.00
15	63.30	85.60	100.40	119.10	133.00	146.80
30	39.90	53.90	63.10	74.70	83.40	91.90
60	24.20	32.00	37.10	43.60	48.50	53.20
120	14.30	18.90	22.00	25.80	28.70	31.50
360	6.20	8.40	9.90	11.70	13.10	14.50
720	3.60	4.80	5.60	6.60	7.30	8.00
1440	2.00	2.60	3.00	3.50	3.90	4.30





Appendix B: PCSWMM Model Results



Appendix B-1: Pre-development 24h storm 100y event

Element Count

Number of rain gages 6
 Number of subcatchments ... 331
 Number of nodes 309
 Number of links 301
 Number of pollutants 0
 Number of land uses 0

Raingage Summary

Name	Data Source	Data Type	Recording Interval
SCS_Type_II_100y_24h_103.5mm	SCS_Type_II_100y_24h_103.5mm	INTENSITY	15 min.
SCS_Type_II_10y_24h_72mm	SCS_Type_II_10y_24h_72mm	INTENSITY	15 min.
SCS_Type_II_25y_24h_84mm	SCS_Type_II_25y_24h_84mm	INTENSITY	15 min.
SCS_Type_II_2y_24h_48mm	SCS_Type_II_2y_24h_48mm	INTENSITY	15 min.
SCS_Type_II_50y_24h_93.6mm	SCS_Type_II_50y_24h_93.6mm	INTENSITY	15 min.
SCS_Type_II_5y_24h_62.4mm	SCS_Type_II_5y_24h_62.4mm	INTENSITY	15 min.

Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
S1	0.87	91.30	5.00	0.6320	SCS_Type_II_100y_24h_103.5mm	J7
S10	0.32	35.64	5.00	5.3190	SCS_Type_II_100y_24h_103.5mm	J9
S100	1.77	160.02	5.00	1.1200	SCS_Type_II_100y_24h_103.5mm	30821
S101	0.30	30.19	5.00	0.4890	SCS_Type_II_100y_24h_103.5mm	J116
S102	0.43	23.97	5.00	0.5230	SCS_Type_II_100y_24h_103.5mm	J135
S103	0.69	67.71	5.00	0.3070	SCS_Type_II_100y_24h_103.5mm	J88
S104	0.25	38.66	5.00	0.2680	SCS_Type_II_100y_24h_103.5mm	J124
S105	1.98	122.70	5.00	0.1560	SCS_Type_II_100y_24h_103.5mm	30776
S106	0.49	38.92	5.00	0.9980	SCS_Type_II_100y_24h_103.5mm	J138
S107	0.84	41.54	5.00	0.2410	SCS_Type_II_100y_24h_103.5mm	J159
S108	0.60	75.89	5.00	1.5180	SCS_Type_II_100y_24h_103.5mm	J1280
S109	0.58	28.02	5.00	0.4250	SCS_Type_II_100y_24h_103.5mm	J140
S11	0.41	28.94	5.00	0.2640	SCS_Type_II_100y_24h_103.5mm	J13
S110	2.35	94.42	5.00	0.1720	SCS_Type_II_100y_24h_103.5mm	30690
S112	0.31	69.99	5.00	1.9710	SCS_Type_II_100y_24h_103.5mm	J95
S113	0.32	9.45	5.00	2.4980	SCS_Type_II_100y_24h_103.5mm	31499
S113_2	1.86	125.27	5.00	0.6210	SCS_Type_II_100y_24h_103.5mm	31499
S114	1.01	68.13	5.00	0.6250	SCS_Type_II_100y_24h_103.5mm	30846
S115	0.75	49.06	5.00	1.5410	SCS_Type_II_100y_24h_103.5mm	J140
S116	0.51	51.40	5.00	1.5860	SCS_Type_II_100y_24h_103.5mm	J1219
S117	3.54	177.10	5.00	3.4140	SCS_Type_II_100y_24h_103.5mm	31055
S118	0.34	20.14	5.00	0.2750	SCS_Type_II_100y_24h_103.5mm	J172
S119	3.45	216.09	5.00	0.2330	SCS_Type_II_100y_24h_103.5mm	31282
S12	0.51	18.49	5.00	0.8590	SCS_Type_II_100y_24h_103.5mm	J15
S120	0.59	48.09	5.00	0.4290	SCS_Type_II_100y_24h_103.5mm	J172
S121	0.47	33.02	5.00	0.4190	SCS_Type_II_100y_24h_103.5mm	J167
S122	0.83	46.73	5.00	0.4270	SCS_Type_II_100y_24h_103.5mm	J165
S123	5.00	314.22	5.00	0.6030	SCS_Type_II_100y_24h_103.5mm	J1276
S124	4.60	575.44	5.00	2.4150	SCS_Type_II_100y_24h_103.5mm	J923
S125	0.70	35.08	5.00	0.6390	SCS_Type_II_100y_24h_103.5mm	J165
S126	4.70	302.68	5.00	0.2800	SCS_Type_II_100y_24h_103.5mm	J929
S127	0.66	75.39	5.00	0.3870	SCS_Type_II_100y_24h_103.5mm	J1294
S128	0.57	60.27	5.00	1.1810	SCS_Type_II_100y_24h_103.5mm	16611
S129	6.47	354.61	5.00	0.4040	SCS_Type_II_100y_24h_103.5mm	J803
S13	0.96	56.74	5.00	0.4170	SCS_Type_II_100y_24h_103.5mm	J13
S130	0.52	68.05	5.00	0.0890	SCS_Type_II_100y_24h_103.5mm	J201
S131	0.38	40.31	5.00	0.0780	SCS_Type_II_100y_24h_103.5mm	J205
S132	3.03	217.92	5.00	0.3750	SCS_Type_II_100y_24h_103.5mm	J1335
S133	1.80	105.95	5.00	1.5280	SCS_Type_II_100y_24h_103.5mm	J455
S134	1.17	53.87	5.00	0.9520	SCS_Type_II_100y_24h_103.5mm	31659
S135	0.81	107.58	5.00	0.6970	SCS_Type_II_100y_24h_103.5mm	J159
S136	0.53	64.73	5.00	0.5350	SCS_Type_II_100y_24h_103.5mm	J190
S137	3.16	157.81	5.00	1.0340	SCS_Type_II_100y_24h_103.5mm	J1278
S138	0.29	41.38	5.00	0.3980	SCS_Type_II_100y_24h_103.5mm	J1229
S139	0.35	39.98	5.00	4.9840	SCS_Type_II_100y_24h_103.5mm	J1338
S14	0.45	23.28	5.00	3.6290	SCS_Type_II_100y_24h_103.5mm	J17
S140	0.51	55.29	5.00	0.2850	SCS_Type_II_100y_24h_103.5mm	J161
S141	0.85	33.53	5.00	0.3060	SCS_Type_II_100y_24h_103.5mm	J165
S142	0.80	48.47	5.00	0.1100	SCS_Type_II_100y_24h_103.5mm	16496
S143	0.37	16.98	5.00	0.1780	SCS_Type_II_100y_24h_103.5mm	J70
S144	0.56	56.83	5.00	0.6910	SCS_Type_II_100y_24h_103.5mm	J58
S145	1.67	112.02	5.00	0.1480	SCS_Type_II_100y_24h_103.5mm	J12
S146	0.49	22.84	5.00	1.1850	SCS_Type_II_100y_24h_103.5mm	J221
S147	10.88	217.58	5.00	0.3000	SCS_Type_II_100y_24h_103.5mm	J1348
S148	0.79	78.75	5.00	0.5050	SCS_Type_II_100y_24h_103.5mm	J217
S149	1.21	90.60	5.00	0.2190	SCS_Type_II_100y_24h_103.5mm	J1241
S15	0.59	26.07	5.00	2.3590	SCS_Type_II_100y_24h_103.5mm	J35
S150	0.29	64.66	5.00	1.6550	SCS_Type_II_100y_24h_103.5mm	J1279
S151	0.44	53.49	5.00	0.5110	SCS_Type_II_100y_24h_103.5mm	J1254
S152	0.89	34.08	5.00	0.3800	SCS_Type_II_100y_24h_103.5mm	J1338
S153	4.07	116.25	5.00	0.3900	SCS_Type_II_100y_24h_103.5mm	J1352
S154	0.71	51.71	5.00	0.5400	SCS_Type_II_100y_24h_103.5mm	J205
S155	0.70	28.42	5.00	1.9300	SCS_Type_II_100y_24h_103.5mm	J205
S156	1.09	62.68	5.00	0.2720	SCS_Type_II_100y_24h_103.5mm	J650
S157	1.03	131.85	5.00	0.8380	SCS_Type_II_100y_24h_103.5mm	J1318
S158	0.94	48.20	5.00	0.1890	SCS_Type_II_100y_24h_103.5mm	J165
S159	0.56	60.53	5.00	0.2710	SCS_Type_II_100y_24h_103.5mm	J225
S16	0.83	97.73	5.00	2.6180	SCS_Type_II_100y_24h_103.5mm	J43

S627	0.40	137.88	5.00	0.0040	SCS_Type_II_100y_24h_103.5mm	J925
S63	0.58	37.90	5.00	0.7960	SCS_Type_II_100y_24h_103.5mm	J100
S634	0.54	37.24	5.00	0.4060	SCS_Type_II_100y_24h_103.5mm	J1334
S64	0.35	46.47	5.00	0.0670	SCS_Type_II_100y_24h_103.5mm	J1231
S65	1.36	57.33	5.00	0.4840	SCS_Type_II_100y_24h_103.5mm	J95
S658	0.75	42.70	5.00	0.5340	SCS_Type_II_100y_24h_103.5mm	J1334
S66	0.76	56.61	5.00	0.6060	SCS_Type_II_100y_24h_103.5mm	J1324
S665	0.21	22.74	5.00	0.4470	SCS_Type_II_100y_24h_103.5mm	31478
S67	0.28	22.16	5.00	0.6570	SCS_Type_II_100y_24h_103.5mm	J80
S68	0.37	34.04	5.00	0.3990	SCS_Type_II_100y_24h_103.5mm	J84
S682_1	0.21	38.29	5.00	2.0310	SCS_Type_II_100y_24h_103.5mm	J964
S689	0.45	45.80	5.00	0.1490	SCS_Type_II_100y_24h_103.5mm	31346
S69	0.73	65.27	5.00	0.4390	SCS_Type_II_100y_24h_103.5mm	J126
S699	0.62	16.85	5.00	10.6170	SCS_Type_II_100y_24h_103.5mm	J1036
S7	1.52	51.08	5.00	0.9010	SCS_Type_II_100y_24h_103.5mm	J20
S70	0.26	41.19	5.00	0.1380	SCS_Type_II_100y_24h_103.5mm	J84
S71	0.63	25.07	5.00	0.4700	SCS_Type_II_100y_24h_103.5mm	J90
S72	0.69	43.06	5.00	0.3730	SCS_Type_II_100y_24h_103.5mm	J102
S729	0.89	39.13	5.00	0.3260	SCS_Type_II_100y_24h_103.5mm	J1036
S73	4.56	340.05	5.00	0.3000	SCS_Type_II_100y_24h_103.5mm	J1142
S73_1	4.49	286.97	5.00	14.7780	SCS_Type_II_100y_24h_103.5mm	J25
S73_2	7.89	504.00	5.00	15.0970	SCS_Type_II_100y_24h_103.5mm	NOF1_1
S74	0.51	55.93	5.00	0.9320	SCS_Type_II_100y_24h_103.5mm	J92
S745	0.27	61.98	5.00	0.0740	SCS_Type_II_100y_24h_103.5mm	J1272
S75	3.81	255.41	5.00	0.2070	SCS_Type_II_100y_24h_103.5mm	30475
S76	0.21	35.04	5.00	0.2960	SCS_Type_II_100y_24h_103.5mm	J86
S764	0.25	52.78	5.00	0.0240	SCS_Type_II_100y_24h_103.5mm	J1330
S765_2	0.06	20.27	5.00	3.1850	SCS_Type_II_100y_24h_103.5mm	J1272
S765_4	0.37	127.84	5.00	3.1850	SCS_Type_II_100y_24h_103.5mm	J1272
S769	0.39	58.03	5.00	0.2960	SCS_Type_II_100y_24h_103.5mm	J1325
S77	0.20	12.26	5.00	7.4430	SCS_Type_II_100y_24h_103.5mm	J109
S78	1.15	68.18	5.00	0.4190	SCS_Type_II_100y_24h_103.5mm	J112
S79	0.51	59.05	5.00	0.0160	SCS_Type_II_100y_24h_103.5mm	J1344
S8	0.51	36.68	5.00	1.3650	SCS_Type_II_100y_24h_103.5mm	J20
S80	2.72	189.65	5.00	0.3850	SCS_Type_II_100y_24h_103.5mm	J1322
S807	0.57	53.81	5.00	0.4460	SCS_Type_II_100y_24h_103.5mm	30821
S81	1.39	109.48	5.00	0.3580	SCS_Type_II_100y_24h_103.5mm	J576
S81_2	0.58	50.17	5.00	0.8680	SCS_Type_II_100y_24h_103.5mm	J1272
S82	0.55	120.70	5.00	1.5610	SCS_Type_II_100y_24h_103.5mm	J167
S83	0.14	63.52	5.00	0.0660	SCS_Type_II_100y_24h_103.5mm	J80
S84	0.81	68.86	5.00	0.3020	SCS_Type_II_100y_24h_103.5mm	J1231
S85	0.26	26.93	5.00	0.2590	SCS_Type_II_100y_24h_103.5mm	16677
S86	0.56	24.26	5.00	2.2080	SCS_Type_II_100y_24h_103.5mm	J138
S87	3.41	170.43	5.00	0.2400	SCS_Type_II_100y_24h_103.5mm	31294
S88	0.69	62.35	5.00	11.4780	SCS_Type_II_100y_24h_103.5mm	J50
S89	0.63	44.94	5.00	0.5500	SCS_Type_II_100y_24h_103.5mm	J138
S9	0.50	61.26	5.00	0.4600	SCS_Type_II_100y_24h_103.5mm	J20
S90	1.11	111.34	5.00	0.5000	SCS_Type_II_100y_24h_103.5mm	J14
S91	0.52	92.79	5.00	0.0010	SCS_Type_II_100y_24h_103.5mm	J88
S92	0.85	30.67	5.00	0.2640	SCS_Type_II_100y_24h_103.5mm	J112
S93	1.08	167.01	5.00	0.9300	SCS_Type_II_100y_24h_103.5mm	J598
S94	1.79	145.54	5.00	0.2470	SCS_Type_II_100y_24h_103.5mm	J1212
S95	0.55	27.70	5.00	0.1560	SCS_Type_II_100y_24h_103.5mm	J122
S96	0.44	48.77	5.00	0.5290	SCS_Type_II_100y_24h_103.5mm	J116
S97	0.34	75.41	5.00	0.0640	SCS_Type_II_100y_24h_103.5mm	J114
S98	2.09	208.23	5.00	0.6120	SCS_Type_II_100y_24h_103.5mm	J18
S99	0.63	27.75	5.00	1.1760	SCS_Type_II_100y_24h_103.5mm	J126

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
15017	JUNCTION	95.41	1.90	0.0	
15023	JUNCTION	95.44	1.90	0.0	
15115	JUNCTION	96.02	1.68	0.0	
15161	JUNCTION	95.71	1.92	0.0	
15169	JUNCTION	95.50	1.92	0.0	
15183	JUNCTION	95.41	1.75	0.0	
15526	JUNCTION	95.38	1.65	0.0	
15536	JUNCTION	95.28	1.68	0.0	
16468	JUNCTION	96.22	1.61	0.0	
16472	JUNCTION	96.77	0.00	0.0	
16496	JUNCTION	96.27	1.61	0.0	
16553	JUNCTION	96.37	1.59	0.0	
16555	JUNCTION	96.79	0.00	0.0	
16576	JUNCTION	96.48	0.82	0.0	
16611	JUNCTION	96.40	0.87	0.0	
16639	JUNCTION	96.17	0.77	0.0	
16641	JUNCTION	96.41	0.00	0.0	
16677	JUNCTION	95.91	1.00	0.0	
16797	JUNCTION	96.59	0.65	0.0	
16799	JUNCTION	97.10	0.00	0.0	
16815	JUNCTION	96.69	0.47	0.0	
16874	JUNCTION	96.94	0.47	0.0	
16876	JUNCTION	97.44	0.00	0.0	
16902	JUNCTION	97.02	1.79	0.0	
17000	JUNCTION	97.23	1.79	0.0	
17050	JUNCTION	97.31	1.12	0.0	
17077	JUNCTION	97.47	0.93	0.0	
17111	JUNCTION	97.14	1.22	0.0	
17114	JUNCTION	98.13	0.00	0.0	
17125	JUNCTION	97.51	1.70	0.0	
17181	JUNCTION	97.98	1.56	0.0	
17189	JUNCTION	97.80	1.70	0.0	
17196	JUNCTION	98.42	0.00	0.0	
17262	JUNCTION	95.41	1.78	0.0	
17276	JUNCTION	95.06	1.78	0.0	
17290	JUNCTION	95.03	1.60	0.0	
17305	JUNCTION	95.02	1.47	0.0	
17316	JUNCTION	94.85	1.40	0.0	

17319	JUNCTION	95.50	0.00	0.0
30259	JUNCTION	92.12	2.00	0.0
30475	JUNCTION	92.85	2.00	0.0
30654	JUNCTION	93.32	2.00	0.0
30690	JUNCTION	93.24	2.00	0.0
30703	JUNCTION	92.99	2.00	0.0
30723	JUNCTION	92.98	2.00	0.0
30741	JUNCTION	92.99	2.00	0.0
30776	JUNCTION	92.69	2.00	0.0
30790	JUNCTION	93.04	2.00	0.0
30821	JUNCTION	93.18	2.00	0.0
30846	JUNCTION	93.51	0.68	0.0
30874	JUNCTION	94.14	0.73	0.0
30901	JUNCTION	95.23	0.92	0.0
30961	JUNCTION	93.78	1.34	0.0
31055	JUNCTION	93.35	1.34	0.0
31056	JUNCTION	94.36	0.00	0.0
31282	JUNCTION	93.51	0.76	0.0
31294	JUNCTION	93.58	1.10	0.0
31330	JUNCTION	93.60	2.00	0.0
31346	JUNCTION	93.59	2.00	0.0
31478	JUNCTION	93.62	2.00	0.0
31499	JUNCTION	93.63	1.30	0.0
31616	JUNCTION	93.57	2.18	0.0
31659	JUNCTION	92.82	2.18	0.0
31679	JUNCTION	93.24	1.67	0.0
31692	JUNCTION	93.17	1.58	0.0
31717	JUNCTION	93.20	1.59	0.0
31727	JUNCTION	94.43	1.28	0.0
31735	JUNCTION	94.54	1.26	0.0
33004	JUNCTION	94.94	1.40	0.0
33025	JUNCTION	94.82	1.34	0.0
33039	JUNCTION	94.79	1.34	0.0
33074	JUNCTION	94.51	1.28	0.0
33088	JUNCTION	94.16	1.19	0.0
33102	JUNCTION	94.13	1.19	0.0
33116	JUNCTION	94.05	0.41	0.0
33130	JUNCTION	93.93	1.11	0.0
33147	JUNCTION	93.55	1.32	0.0
33161	JUNCTION	93.52	1.31	0.0
35248	JUNCTION	96.08	1.68	0.0
35262	JUNCTION	96.12	1.59	0.0
J1	JUNCTION	93.56	1.11	0.0
J100	JUNCTION	98.38	1.00	0.0
J1010	JUNCTION	93.71	1.00	0.0
J102	JUNCTION	98.26	1.00	0.0
J1036	JUNCTION	93.52	1.00	0.0
J109	JUNCTION	98.35	1.00	0.0
J11	JUNCTION	95.67	1.00	0.0
J112	JUNCTION	97.54	1.00	0.0
J114	JUNCTION	97.65	1.00	0.0
J1142	JUNCTION	93.47	1.00	0.0
J116	JUNCTION	96.45	1.00	0.0
J12	JUNCTION	95.33	1.00	100.0
J12_1	JUNCTION	96.33	1.59	0.0
J1209	JUNCTION	94.68	1.00	0.0
J1210	JUNCTION	97.38	1.00	0.0
J1212	JUNCTION	94.94	1.00	0.0
J1213	JUNCTION	94.80	1.00	0.0
J1216	JUNCTION	96.65	1.00	0.0
J1219	JUNCTION	96.19	1.00	0.0
J122	JUNCTION	96.82	1.00	0.0
J1222	JUNCTION	95.98	1.00	0.0
J1225	JUNCTION	98.24	1.00	0.0
J1227	JUNCTION	98.50	1.00	0.0
J1229	JUNCTION	97.19	1.00	0.0
J1231	JUNCTION	97.44	1.00	0.0
J1232	JUNCTION	96.81	1.00	0.0
J1233	JUNCTION	92.80	2.00	0.0
J124	JUNCTION	97.67	1.00	0.0
J1240	JUNCTION	94.71	1.00	0.0
J1241	JUNCTION	95.18	1.00	0.0
J1249	JUNCTION	94.80	1.00	0.0
J1254	JUNCTION	96.74	1.00	0.0
J1258	JUNCTION	96.16	1.00	0.0
J1259	JUNCTION	95.54	1.00	0.0
J126	JUNCTION	97.31	1.00	0.0
J1260	JUNCTION	95.53	1.00	0.0
J1268	JUNCTION	95.20	1.00	0.0
J1270	JUNCTION	94.97	1.00	0.0
J1272	JUNCTION	93.67	1.00	0.0
J1273	JUNCTION	96.80	1.00	0.0
J1276	JUNCTION	93.78	1.00	0.0
J1277	JUNCTION	97.18	1.00	0.0
J1278	JUNCTION	94.07	1.00	0.0
J1279	JUNCTION	97.46	1.00	0.0
J1280	JUNCTION	97.25	1.00	0.0
J1294	JUNCTION	97.02	1.00	0.0
J1299	JUNCTION	95.14	1.00	0.0
J13	JUNCTION	98.24	1.00	0.0
J1300	JUNCTION	97.17	1.00	0.0
J1301	JUNCTION	95.61	1.00	0.0
J1306	JUNCTION	97.52	1.00	0.0
J1308	JUNCTION	94.81	1.00	0.0
J1314	JUNCTION	95.84	1.00	0.0
J1318	JUNCTION	95.36	1.00	0.0
J1322	JUNCTION	93.95	1.00	0.0
J1324	JUNCTION	97.55	1.00	0.0
J1325	JUNCTION	93.69	1.00	0.0
J1329	JUNCTION	94.58	1.00	0.0
J1330	JUNCTION	93.53	1.00	0.0
J1331	JUNCTION	94.60	1.00	0.0
J1332	JUNCTION	95.82	1.00	0.0

J1334	JUNCTION	94.49	1.00	0.0
J1335	JUNCTION	93.14	2.00	0.0
J1338	JUNCTION	97.08	1.00	0.0
J1344	JUNCTION	96.74	1.00	0.0
J1348	JUNCTION	94.43	1.00	0.0
J135	JUNCTION	97.17	1.00	0.0
J1352	JUNCTION	93.18	1.00	0.0
J1355	JUNCTION	94.55	1.00	0.0
J138	JUNCTION	98.46	1.00	0.0
J14	JUNCTION	95.23	1.00	100.0
J140	JUNCTION	98.30	1.00	0.0
J142	JUNCTION	96.65	1.00	0.0
J15	JUNCTION	96.35	1.00	0.0
J153	JUNCTION	97.06	1.00	0.0
J159	JUNCTION	96.79	1.00	0.0
J161	JUNCTION	97.74	1.00	0.0
J165	JUNCTION	96.54	1.00	0.0
J167	JUNCTION	97.51	1.00	0.0
J169	JUNCTION	96.99	1.00	0.0
J17	JUNCTION	98.17	1.00	0.0
J172	JUNCTION	96.75	1.00	0.0
J18	JUNCTION	95.15	1.00	100.0
J19	JUNCTION	95.08	0.44	0.0
J190	JUNCTION	97.16	1.00	0.0
J199	JUNCTION	97.55	1.00	0.0
J2	JUNCTION	93.65	2.00	0.0
J20	JUNCTION	98.22	1.00	0.0
J201	JUNCTION	97.09	1.00	0.0
J205	JUNCTION	97.00	1.00	0.0
J209	JUNCTION	96.33	1.00	0.0
J21	JUNCTION	93.70	1.30	0.0
J217	JUNCTION	97.24	1.00	0.0
J219	JUNCTION	97.39	1.00	0.0
J221	JUNCTION	95.05	1.00	0.0
J225	JUNCTION	97.23	1.00	0.0
J227	JUNCTION	96.36	1.00	0.0
J229	JUNCTION	96.39	1.00	0.0
J23	JUNCTION	98.11	1.00	0.0
J232	JUNCTION	96.46	1.00	0.0
J241	JUNCTION	96.38	1.00	0.0
J25	JUNCTION	93.26	0.65	0.0
J254	JUNCTION	97.10	1.00	0.0
J273	JUNCTION	97.13	1.00	0.0
J275	JUNCTION	96.17	1.00	0.0
J28	JUNCTION	98.20	1.00	0.0
J281	JUNCTION	96.28	1.00	0.0
J283	JUNCTION	96.12	1.00	0.0
J294	JUNCTION	96.19	1.00	0.0
J299	JUNCTION	96.08	1.00	0.0
J3	JUNCTION	93.88	1.35	0.0
J30	JUNCTION	97.63	1.00	0.0
J304	JUNCTION	95.97	1.00	0.0
J319	JUNCTION	95.88	1.00	0.0
J32	JUNCTION	98.17	1.00	0.0
J329	JUNCTION	95.17	1.00	0.0
J35	JUNCTION	98.04	1.00	0.0
J355	JUNCTION	94.30	1.00	0.0
J36	JUNCTION	93.42	2.00	0.0
J360	JUNCTION	95.91	1.00	0.0
J362	JUNCTION	96.28	1.00	0.0
J37	JUNCTION	98.92	1.00	0.0
J372	JUNCTION	96.58	1.00	0.0
J384	JUNCTION	94.86	1.00	0.0
J39	JUNCTION	97.78	1.00	0.0
J392	JUNCTION	95.34	1.00	0.0
J394	JUNCTION	95.14	1.00	0.0
J396	JUNCTION	95.00	1.00	0.0
J398	JUNCTION	95.69	1.00	0.0
J4	JUNCTION	95.29	1.00	100.0
J41	JUNCTION	98.10	1.00	0.0
J419	JUNCTION	95.89	1.00	0.0
J43	JUNCTION	97.98	1.00	0.0
J443	JUNCTION	95.65	1.00	0.0
J447	JUNCTION	95.40	1.00	0.0
J449	JUNCTION	94.74	1.00	0.0
J451	JUNCTION	95.25	1.00	0.0
J453	JUNCTION	94.81	1.00	0.0
J455	JUNCTION	95.56	1.00	0.0
J46	JUNCTION	95.70	2.00	0.0
J462	JUNCTION	94.57	1.00	0.0
J467	JUNCTION	95.27	1.00	0.0
J47	JUNCTION	95.90	2.00	0.0
J472	JUNCTION	95.27	1.00	0.0
J475	JUNCTION	95.16	1.00	0.0
J479	JUNCTION	94.61	1.00	0.0
J48	JUNCTION	97.44	1.00	0.0
J491	JUNCTION	94.61	1.00	0.0
J493	JUNCTION	94.69	1.00	0.0
J5	JUNCTION	95.54	1.00	100.0
J50	JUNCTION	94.70	1.00	0.0
J51	JUNCTION	95.58	1.00	0.0
J52	JUNCTION	98.60	1.00	0.0
J523	JUNCTION	94.43	1.00	0.0
J525	JUNCTION	95.40	1.00	0.0
J54	JUNCTION	97.36	1.00	0.0
J56	JUNCTION	97.39	1.00	0.0
J562	JUNCTION	94.57	1.00	0.0
J576	JUNCTION	95.06	1.00	0.0
J58	JUNCTION	93.70	1.00	0.0
J580	JUNCTION	94.50	1.00	0.0
J584	JUNCTION	95.27	1.00	0.0
J59	JUNCTION	98.89	1.00	0.0
J596	JUNCTION	95.27	1.00	0.0

J598	JUNCTION	93.92	1.00	0.0
J602	JUNCTION	95.22	1.00	0.0
J61	JUNCTION	98.62	1.00	0.0
J611	JUNCTION	95.13	1.00	0.0
J623	JUNCTION	95.03	1.00	0.0
J63	JUNCTION	97.36	1.00	0.0
J633	JUNCTION	93.64	1.00	0.0
J644	JUNCTION	94.98	1.00	0.0
J646	JUNCTION	94.99	1.00	0.0
J650	JUNCTION	94.87	1.00	0.0
J658	JUNCTION	95.03	1.00	0.0
J66	JUNCTION	98.97	1.00	0.0
J660	JUNCTION	94.99	1.00	0.0
J664	JUNCTION	94.99	1.00	0.0
J668	JUNCTION	94.03	1.00	0.0
J673	JUNCTION	93.65	1.00	0.0
J676	JUNCTION	94.78	1.00	0.0
J68	JUNCTION	97.67	1.00	0.0
J684	JUNCTION	94.96	1.00	0.0
J686	JUNCTION	94.86	1.00	0.0
J693	JUNCTION	94.87	1.00	0.0
J7	JUNCTION	95.47	1.00	100.0
J70	JUNCTION	95.46	1.00	0.0
J703	JUNCTION	94.94	1.00	0.0
J710	JUNCTION	94.39	1.00	0.0
J712	JUNCTION	94.84	1.00	0.0
J718	JUNCTION	94.93	1.00	0.0
J72	JUNCTION	98.12	1.00	0.0
J720	JUNCTION	94.83	1.00	0.0
J728	JUNCTION	94.87	1.00	0.0
J737	JUNCTION	94.72	1.00	0.0
J744	JUNCTION	94.49	1.00	0.0
J746	JUNCTION	94.60	1.00	0.0
J748	JUNCTION	94.54	1.00	0.0
J75	JUNCTION	97.64	1.00	0.0
J757	JUNCTION	94.74	1.00	0.0
J76	JUNCTION	95.50	1.00	0.0
J761	JUNCTION	94.83	1.00	0.0
J77	JUNCTION	97.50	1.00	0.0
J777	JUNCTION	94.60	1.00	0.0
J779	JUNCTION	94.92	1.00	0.0
J797	JUNCTION	94.71	1.00	0.0
J80	JUNCTION	96.81	1.00	0.0
J803	JUNCTION	94.27	1.00	0.0
J82	JUNCTION	100.49	1.00	0.0
J834	JUNCTION	94.81	1.00	0.0
J84	JUNCTION	98.34	1.00	0.0
J86	JUNCTION	96.83	1.00	0.0
J87	JUNCTION	94.86	1.00	0.0
J88	JUNCTION	96.75	1.00	0.0
J9	JUNCTION	98.20	1.00	0.0
J9_1	JUNCTION	96.30	0.87	0.0
J90	JUNCTION	97.22	1.00	0.0
J92	JUNCTION	101.17	1.00	0.0
J923	JUNCTION	94.12	1.00	0.0
J925	JUNCTION	94.50	1.00	0.0
J929	JUNCTION	94.44	1.00	0.0
J95	JUNCTION	97.23	1.00	0.0
J954	JUNCTION	94.70	1.00	0.0
J964	JUNCTION	94.48	1.00	0.0
NOF1_1	JUNCTION	92.19	2.00	0.0
NOF1	OUTFALL	92.00	0.85	0.0
NOF2	OUTFALL	93.00	1.00	0.0
Outfall_A	OUTFALL	92.64	0.90	0.0
Outfall_B	OUTFALL	92.80	1.38	0.0

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
C10	16639	16677	CONDUIT	35.6	0.7273	0.0350
C102	J4	J14	CONDUIT	53.0	0.1245	0.0350
C103	J686	J728	CONDUIT	24.0	-0.0250	0.0350
C105	J124	J167	CONDUIT	64.6	0.2492	0.0350
C112	J14	J18	CONDUIT	141.6	0.0565	0.0350
C113	J602	J664	CONDUIT	130.6	0.1761	0.0350
C116	J254	J1232	CONDUIT	74.5	0.3865	0.0350
C118	J1260	J7	CONDUIT	88.7	0.0665	0.0350
C12_1	16553	J12_1	CONDUIT	11.9	0.2690	0.0350
C124	J159	J1254	CONDUIT	17.7	0.2819	0.0350
C128	J929	J1036	CONDUIT	368.5	0.2494	0.0350
C13	16677	J11	CONDUIT	14.2	1.7244	0.0240
C131	J281	J1258	CONDUIT	9.1	1.3445	0.0350
C132	J455	J1259	CONDUIT	79.0	0.0164	0.0350
C134	J728	J757	CONDUIT	62.4	0.2147	0.0350
C135	J493	J598	CONDUIT	79.2	0.9737	0.0350
C137	16902	16874	CONDUIT	5.6	1.3999	0.0120
C138	J165	J275	CONDUIT	195.6	0.1907	0.0350
C14	31346	31282	CONDUIT	156.6	0.0511	0.0350
C142	J1233	Outfall_B	CONDUIT	23.4	0.0043	0.0350
C144	31659	J1233	CONDUIT	22.8	0.0747	0.0240
C145	J39	J56	CONDUIT	97.1	0.3946	0.0350
C147	30776	Outfall_A	CONDUIT	19.7	0.2542	0.0120
C15	J21	31499	CONDUIT	200.9	0.0343	0.0350
C153	J596	J1268	CONDUIT	93.5	0.0727	0.0350
C155	J360	J447	CONDUIT	74.7	0.6824	0.0350
C156	J576	J1270	CONDUIT	10.7	0.8021	0.0350
C159	J80	J1273	CONDUIT	18.8	0.0851	0.0350
C16	J472	J467	CONDUIT	10.6	-0.0188	0.0350
C163	15526	15536	CONDUIT	15.3	0.6914	0.0190
C165	J112	J1277	CONDUIT	98.6	0.3682	0.0350

C167	J199	J1279	CONDUIT	22.3	0.3953	0.0350
C17	30259	NOF1	CONDUIT	26.0	0.4765	0.0240
C172	J167	J1280	CONDUIT	48.1	0.5506	0.0350
C176	J467	J451	CONDUIT	31.3	0.0639	0.0350
C180	J646	J710	CONDUIT	105.1	0.5736	0.0350
C186	J757	J797	CONDUIT	20.5	0.1266	0.0350
C189	J47	J46	CONDUIT	9.5	2.1427	0.0120
C190	J1232	J372	CONDUIT	84.0	0.2763	0.0350
C196	J1318	J584	CONDUIT	64.1	0.1451	0.0350
C199	J52	J1227	CONDUIT	98.1	0.1091	0.0350
C2	16797	16677	CONDUIT	179.6	0.3786	0.0350
C20_1	30475	NOF1_1	CONDUIT	283.3	0.2316	0.0350
C20_2	NOF1_1	30259	CONDUIT	29.1	0.2306	0.0350
C200	J443	J525	CONDUIT	76.4	0.3299	0.0350
C202	J451	J475	CONDUIT	42.8	0.2078	0.0350
C207	J797	J746	CONDUIT	57.7	0.1906	0.0350
C21	J25	30475	CONDUIT	212.7	0.1933	0.0350
C213	J803	31616	CONDUIT	115.3	0.6080	0.0350
C213_1	J15	J11	CONDUIT	315.0	0.2165	0.0350
C213_3	J11	J51	CONDUIT	39.2	0.2168	0.0350
C213_4	J51	J70	CONDUIT	57.9	0.2159	0.0350
C214	J135	J1294	CONDUIT	164.9	0.0910	0.0350
C218	16611	16576	CONDUIT	44.3	-0.1716	0.0350
C22	30901	30874	CONDUIT	54.2	2.0251	0.0350
C221	J447	J1299	CONDUIT	29.1	0.8808	0.0350
C223	J66	J61	CONDUIT	60.0	0.5849	0.0350
C225	J56	J1300	CONDUIT	143.6	0.1567	0.0350
C226	J1258	J1301	CONDUIT	221.4	0.2498	0.0350
C23	J392	J1213	CONDUIT	112.4	0.4822	0.0350
C230	16576	16553	CONDUIT	5.1	2.1968	0.0240
C231_1	17181	17189	CONDUIT	40.9	0.4333	0.0350
C231_2	17189	17125	CONDUIT	61.5	0.4700	0.0350
C233	J664	J660	CONDUIT	22.1	-0.0136	0.0350
C234	J644	J703	CONDUIT	91.3	0.0460	0.0350
C239	J20	J9	CONDUIT	8.2	0.2937	0.0350
C24	J92	J82	CONDUIT	62.2	1.0943	0.0350
C241	J114	J1306	CONDUIT	44.9	0.2987	0.0350
C245	J475	J1299	CONDUIT	20.3	0.0986	0.0350
C248	J9	J17	CONDUIT	14.7	0.1765	0.0350
C25	30874	30846	CONDUIT	54.7	1.1510	0.0350
C251	J660	J684	CONDUIT	63.7	0.0455	0.0350
C256	J17	J23	CONDUIT	134.9	0.0445	0.0350
C259	J1299	J479	CONDUIT	69.3	0.7722	0.0350
C26	J720	J737	CONDUIT	56.4	0.1984	0.0350
C262	J746	J748	CONDUIT	32.1	0.1872	0.0350
C263	J372	J362	CONDUIT	57.1	0.5218	0.0350
C266	J95	J153	CONDUIT	44.4	0.3826	0.0350
C267	J61	J100	CONDUIT	45.9	0.5233	0.0350
C268	J710	J668	CONDUIT	24.6	1.4454	0.0350
C27_1	30846	J36	CONDUIT	15.3	0.5820	0.0350
C27_2	J36	30821	CONDUIT	40.4	0.5845	0.0350
C271	J304	J1314	CONDUIT	27.8	0.4639	0.0350
C272	16496	16468	CONDUIT	8.0	0.5964	0.0350
C275	J748	J744	CONDUIT	58.8	0.0783	0.0350
C276	J1227	J72	CONDUIT	51.5	0.7223	0.0350
C277	17077	17050	CONDUIT	37.6	0.4203	0.0350
C279	16468	35262	CONDUIT	23.5	0.4300	0.0350
C282	J668	J2	CONDUIT	129.2	0.2933	0.0350
C283	17050	17000	CONDUIT	76.7	0.1095	0.0350
C284	J1259	J1318	CONDUIT	177.6	0.1013	0.0350
C285	J275	J1222	CONDUIT	83.5	0.2252	0.0350
C287	35262	35248	CONDUIT	39.5	0.1038	0.0350
C287_1	J684	J87	CONDUIT	51.9	0.2101	0.0350
C287_2	J87	J777	CONDUIT	122.1	0.2096	0.0350
C288	J153	J169	CONDUIT	101.2	0.0682	0.0350
C289	J703	J718	CONDUIT	71.2	0.0098	0.0350
C29	J172	J1216	CONDUIT	93.2	0.1095	0.0350
C291	J362	J419	CONDUIT	72.7	0.5409	0.0350
C292	35248	15115	CONDUIT	18.8	0.3087	0.0350
C294	J100	J109	CONDUIT	7.5	0.3741	0.0350
C297_1	J479	J50	CONDUIT	70.5	-0.1390	0.0350
C299	15115	J47	CONDUIT	36.0	0.3306	0.0350
C3	31330	31346	CONDUIT	36.9	0.0271	0.0350
C3_1	J1272	J36	CONDUIT	173.2	0.1472	0.0350
C300	J109	J1306	CONDUIT	162.7	0.5115	0.0350
C304	J46	15161	CONDUIT	38.1	-0.0262	0.0350
C305	J1142	J1335	CONDUIT	320.6	0.1029	0.0350
C308	J744	J668	CONDUIT	215.7	0.2151	0.0350
C309	J72	J1324	CONDUIT	157.3	0.3656	0.0350
C31	J59	J52	CONDUIT	170.0	0.1706	0.0350
C310	15161	15169	CONDUIT	40.1	0.5236	0.0350
C311	J1276	J1325	CONDUIT	48.9	0.1819	0.0350
C313	J138	J140	CONDUIT	65.9	0.2427	0.0350
C314	15169	15183	CONDUIT	50.0	0.1880	0.0350
C319	J23	J28	CONDUIT	38.4	-0.2345	0.0350
C32	J41	J39	CONDUIT	96.9	0.3335	0.0350
C320	J718	J779	CONDUIT	66.7	0.0150	0.0350
C322	15183	15017	CONDUIT	36.2	0.0028	0.0350
C324	J1222	J319	CONDUIT	115.7	0.0873	0.0350
C326	17000	16902	CONDUIT	87.9	0.2390	0.0350
C327	J419	J1314	CONDUIT	38.2	0.1177	0.0350
C329	15017	15023	CONDUIT	34.9	-0.0945	0.0350
C33	30821	30790	CONDUIT	55.2	0.2537	0.0350
C331	J28	J35	CONDUIT	65.0	0.2493	0.0350
C333	15023	15526	CONDUIT	24.1	0.2320	0.0350
C334	16611	16639	CONDUIT	11.1	2.0641	0.0240
C335	J140	J1279	CONDUIT	200.2	0.4221	0.0350
C338	15536	17262	CONDUIT	19.3	-0.6843	0.0350
C339	17262	17276	CONDUIT	25.9	1.3657	0.0350
C34	30790	30776	CONDUIT	23.1	1.5402	0.0350
C340	J1314	J525	CONDUIT	202.0	0.2198	0.0350
C341	J779	J761	CONDUIT	57.7	0.1524	0.0350
C344	17276	17290	CONDUIT	26.2	0.0877	0.0350

C346	17290	17305	CONDUIT	28.4	0.0598	0.0350
C349_1	17305	17316	CONDUIT	12.8	1.2686	0.0350
C349_2	17316	33004	CONDUIT	21.4	-0.3969	0.0350
C35	30741	30776	CONDUIT	19.4	1.5520	0.0350
C350	33004	33025	CONDUIT	38.5	0.3091	0.0350
C352	J35	J32	CONDUIT	9.3	-1.4792	0.0350
C353	J954	J58	CONDUIT	126.4	0.7913	0.0350
C354	33025	33039	CONDUIT	26.2	0.0952	0.0350
C355	J777	J1329	CONDUIT	48.6	0.0412	0.0350
C356	J1036	J1330	CONDUIT	47.9	-0.0250	0.0350
C359	J1306	J1280	CONDUIT	43.7	0.6269	0.0350
C36	30723	30741	CONDUIT	28.5	-0.0386	0.0350
C360	33039	31735	CONDUIT	32.5	0.7835	0.0350
C361	31735	31727	CONDUIT	11.7	0.9578	0.0240
C363	J761	J834	CONDUIT	43.2	0.0625	0.0350
C365	31727	33074	CONDUIT	14.5	-0.5948	0.0350
C367	J319	J1332	CONDUIT	57.5	0.0940	0.0350
C371	33074	33088	CONDUIT	30.4	1.1563	0.0350
C372	J58	31330	CONDUIT	37.6	0.2657	0.0120
C374	J1225	J75	CONDUIT	164.7	0.3618	0.0350
C375	J1280	J1277	CONDUIT	58.8	0.1139	0.0350
C376	J834	J1308	CONDUIT	244.3	-0.0016	0.0350
C377	33088	33102	CONDUIT	25.6	0.1131	0.0350
C378	33102	33116	CONDUIT	31.3	0.2783	0.0350
C379	33116	33130	CONDUIT	27.1	0.4249	0.0350
C38	J116	J1219	CONDUIT	10.0	2.6774	0.0350
C381_1	33130	J1	CONDUIT	14.4	2.5756	0.0350
C381_2	J1	33147	CONDUIT	12.6	0.0791	0.0350
C384	33147	33161	CONDUIT	27.9	0.1184	0.0350
C385	33161	31717	CONDUIT	26.9	1.1844	0.0350
C388	31717	31692	CONDUIT	15.9	0.1444	0.0140
C391	J1277	J1338	CONDUIT	84.4	0.1173	0.0350
C397	31692	31679	CONDUIT	21.3	-0.3187	0.0350
C398	31679	31659	CONDUIT	22.3	1.9102	0.0350
C399	J525	J1318	CONDUIT	37.1	0.1024	0.0350
C4	J30	J48	CONDUIT	54.3	0.3517	0.0350
C40	J1308	J929	CONDUIT	235.9	0.1581	0.0100
C401	J70	J221	CONDUIT	218.5	0.1858	0.0350
C403	J77	J63	CONDUIT	28.6	0.4758	0.0350
C405	31616	31659	CONDUIT	76.1	0.9875	0.0350
C408	J63	J1210	CONDUIT	9.2	-0.1746	0.0350
C409	J219	J1229	CONDUIT	160.5	0.1271	0.0350
C41	J623	J658	CONDUIT	38.5	0.0104	0.0350
C413	J1210	J1300	CONDUIT	146.5	0.1433	0.0350
C416	J75	J1324	CONDUIT	8.6	1.0602	0.0350
C42	30703	30723	CONDUIT	43.3	0.0416	0.0350
C420	J584	J1268	CONDUIT	57.6	0.1145	0.0350
C423	J1324	J1231	CONDUIT	121.4	0.0898	0.0350
C425	31499	31478	CONDUIT	43.7	0.0252	0.0350
C429	J1268	J650	CONDUIT	170.6	0.1976	0.0350
C43	30690	30703	CONDUIT	29.0	0.8334	0.0350
C432	J1231	J126	CONDUIT	69.2	0.1865	0.0350
C433	J1300	J90	CONDUIT	15.7	-0.3309	0.0350
C435	J1229	J190	CONDUIT	14.6	0.1783	0.0350
C437	J90	J86	CONDUIT	49.0	0.8066	0.0350
C438	J190	J201	CONDUIT	53.6	0.1287	0.0350
C439	J221	J491	CONDUIT	362.7	0.1213	0.0350
C44	J299	J1222	CONDUIT	169.4	0.0602	0.0350
C444	J18	J1212	CONDUIT	121.4	0.1681	0.0350
C445	J86	J1344	CONDUIT	49.8	0.1686	0.0350
C447	J126	J122	CONDUIT	112.6	0.4360	0.0350
C448	J201	J1338	CONDUIT	68.8	0.0189	0.0350
C451	J1212	J87	CONDUIT	108.7	0.0819	0.0350
C452	J650	J693	CONDUIT	35.5	-0.0169	0.0350
C455	J693	J712	CONDUIT	23.2	0.1381	0.0350
C457	31478	31330	CONDUIT	225.2	0.0089	0.0350
C458	J122	J1273	CONDUIT	25.2	0.0993	0.0350
C460	J712	J676	CONDUIT	46.8	0.1326	0.0350
C465	J1273	J1344	CONDUIT	68.6	0.0758	0.0350
C466	J1338	J205	CONDUIT	174.8	0.0463	0.0350
C468	J676	J1240	CONDUIT	23.3	0.3092	0.0350
C469	J1240	J1329	CONDUIT	63.2	0.2009	0.0350
C47	30654	30690	CONDUIT	70.5	0.1233	0.0350
C472	J1344	J88	CONDUIT	142.2	-0.0035	0.0350
C475	J205	J1294	CONDUIT	25.2	-0.0913	0.0350
C478	J1329	J1348	CONDUIT	125.9	0.1167	0.0350
C481	J1294	J169	CONDUIT	27.9	0.1073	0.0350
C485	J491	J523	CONDUIT	50.8	0.3660	0.0350
C486	J88	J142	CONDUIT	18.7	0.5147	0.0350
C49	J43	J1225	CONDUIT	12.8	-1.9963	0.0350
C490	J142	J1219	CONDUIT	100.9	0.4598	0.0350
C491	J523	J1233	CONDUIT	337.4	0.4825	0.0350
C498	J1254	J1216	CONDUIT	72.5	0.1201	0.0350
C499	J1219	16677	CONDUIT	42.0	0.6518	0.0350
C5	J611	J1209	CONDUIT	62.0	0.7244	0.0350
C50	30654	J1335	CONDUIT	121.8	0.1461	0.0350
C505	J1216	J209	CONDUIT	128.5	0.2467	0.0350
C507	J1348	J1278	CONDUIT	181.7	0.2015	0.0350
C513	J209	J294	CONDUIT	65.6	0.2120	0.0350
C514	31282	31294	CONDUIT	41.6	-0.1708	0.0350
C517	J1278	J1010	CONDUIT	133.2	0.2702	0.0350
C518	J294	J283	CONDUIT	24.1	0.3107	0.0350
C52	J13	J20	CONDUIT	22.1	0.1043	0.0350
C520	J355	J1233	CONDUIT	30.8	4.8731	0.0350
C521	J229	J241	CONDUIT	36.2	0.0221	0.0350
C522	J283	J1332	CONDUIT	151.9	0.1943	0.0350
C524	J925	J355	CONDUIT	346.5	0.0589	0.0350
C525	31294	31055	CONDUIT	159.2	0.1445	0.0350
C525_3	J241	15115	CONDUIT	120.9	0.2986	0.0350
C528	J1010	J1352	CONDUIT	245.2	0.2141	0.0350
C53	J37	J1227	CONDUIT	132.8	0.3194	0.0350
C530	J1332	J398	CONDUIT	130.9	0.1016	0.0350
C535	J398	J1301	CONDUIT	8.5	0.9894	0.0350

C537_2	J76	J1241	CONDUIT	159.7	0.1991	0.0350
C537_3	J1301	J76	CONDUIT	54.2	0.2012	0.0350
C540	J329	J394	CONDUIT	17.4	0.1777	0.0350
C541	J1334	J925	CONDUIT	28.7	-0.0557	0.0350
C542	J394	J396	CONDUIT	51.8	0.2647	0.0350
C543	J964	J1334	CONDUIT	67.3	-0.0104	0.0350
C545	J396	J384	CONDUIT	58.0	0.2484	0.0350
C546	J954	J964	CONDUIT	50.0	0.4380	0.0350
C547	J384	J1213	CONDUIT	40.6	0.1355	0.0350
C548	J1241	J1270	CONDUIT	28.0	0.7390	0.0350
C55	J232	J281	CONDUIT	61.6	0.2889	0.0350
C550	J1213	J453	CONDUIT	19.9	-0.0604	0.0350
C551	J1270	J1249	CONDUIT	150.5	0.1156	0.0350
C552	J453	J449	CONDUIT	9.4	0.7965	0.0350
C553_1	J449	J50	CONDUIT	32.2	0.1024	0.0350
C553_2	J50	J1331	CONDUIT	108.2	0.1007	0.0350
C555	J1331	J462	CONDUIT	50.4	0.0516	0.0350
C556	J462	J1355	CONDUIT	40.6	0.0615	0.0350
C557	J1209	J562	CONDUIT	108.0	0.1019	0.0350
C558	J562	J1355	CONDUIT	189.0	0.0138	0.0350
C559	J1355	J598	CONDUIT	95.8	0.6553	0.0350
C560_1	J598	J3	CONDUIT	9.3	0.3769	0.0120
C560_2	J3	J633	CONDUIT	92.3	0.2655	0.0350
C561	J633	J673	CONDUIT	48.9	-0.0307	0.0350
C562_1	J673	J2	CONDUIT	9.1	0.0110	0.0350
C562_2	J2	J1	CONDUIT	21.2	0.4382	0.0350
C569	J1322	31346	CONDUIT	69.3	0.5197	0.0350
C57	J84	J102	CONDUIT	20.6	0.4071	0.0350
C575	30961	31055	CONDUIT	169.9	0.2542	0.0350
C58	J217	J1229	CONDUIT	40.4	0.1311	0.0350
C580	30901	30961	CONDUIT	90.0	1.6128	0.0350
C584	J1325	J1272	CONDUIT	33.4	0.0539	0.0350
C586	J1330	J1352	CONDUIT	79.4	0.4380	0.0350
C587_1	J1352	30776	CONDUIT	224.6	0.2204	0.0350
C6	J54	J1210	CONDUIT	12.9	-0.1242	0.0350
C60	J68	J1231	CONDUIT	89.0	0.2528	0.0350
C600	J48	17050	CONDUIT	61.5	0.2050	0.0350
C609	J227	J1258	CONDUIT	50.2	0.3988	0.0350
C615	J32	J1225	CONDUIT	57.5	-0.1062	0.0350
C617	J1279	J219	CONDUIT	40.0	0.1675	0.0350
C62	J273	J1232	CONDUIT	123.2	0.2598	0.0350
C621	J923	31294	CONDUIT	237.9	0.2282	0.0350
C622	J169	J1254	CONDUIT	160.5	0.1583	0.0350
C624	J1249	J1209	CONDUIT	105.0	0.1124	0.0350
C63_1	J21	31616	CONDUIT	10.6	1.2421	0.0350
C66	J580	J1233	CONDUIT	194.6	0.8726	0.0350
C7	J5	J4	CONDUIT	139.2	0.1767	0.0350
C7_1	17125	17111	CONDUIT	14.6	2.5439	0.0350
C7_2	17111	17077	CONDUIT	47.5	-0.6968	0.0350
C70	31055	NOF2	CONDUIT	20.1	1.7506	0.0120
C78	J1335	30475	CONDUIT	214.0	0.1393	0.0350
C79_1	J19	J1212	CONDUIT	232.3	0.0581	0.0350
C80	16815	16797	CONDUIT	9.4	1.0485	0.0120
C81	16874	16815	CONDUIT	28.8	0.8578	0.0350
C82	J102	J114	CONDUIT	159.9	0.3771	0.0350
C83	J7	J12	CONDUIT	168.0	0.0822	0.0350
C85	J658	J646	CONDUIT	97.6	0.0389	0.0350
C88	J161	J199	CONDUIT	63.0	0.3094	0.0350
C89	J737	J1240	CONDUIT	36.6	0.0465	0.0350
C9	J225	J217	CONDUIT	38.2	-0.0288	0.0350
C9_1	J12_1	J9_1	CONDUIT	50.0	0.0640	0.0350
C9_2	J9_1	16496	CONDUIT	11.9	0.2691	0.0350
C95	J12	J4	CONDUIT	61.8	0.0614	0.0350
C96	J82	J138	CONDUIT	272.6	0.7451	0.0350

Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
C10	T-C10	0.77	5.02	0.50	10.00	1	7.66
C102	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.35
C103	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.50
C105	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	8.17
C112	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.25
C113	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.98
C116	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.90
C118	TRAPEZOIDAL	1.00	4.66	0.52	8.66	1	2.23
C12_1	T-C249	1.59	13.94	0.60	23.00	1	14.67
C124	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	8.69
C128	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.74
C13	CIRCULAR	0.90	0.64	0.23	0.90	1	1.29
C131	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	11.00
C132	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.22
C134	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.39
C135	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	9.36
C137	CIRCULAR	0.45	0.16	0.11	0.45	1	0.37
C138	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	7.15
C14	T-C493	0.76	4.30	0.42	10.01	1	1.57
C142	T-C142	1.38	13.82	0.67	20.00	1	1.97
C144	CIRCULAR	1.40	1.54	0.35	1.40	1	0.87
C145	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.96
C147	CIRCULAR	0.90	0.64	0.23	0.90	1	0.99
C15	T-C407	1.30	22.49	0.63	38.08	1	8.71
C153	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.56
C155	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.83
C156	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.49
C159	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.77
C16	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.30
C163	TRAPEZOIDAL	1.65	3.53	0.68	3.79	1	12.00
C165	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	9.93

C167	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	10.29
C17	CIRCULAR	0.85	0.57	0.21	0.85	2	0.58
C172	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	12.15
C176	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.40
C180	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.18
C186	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.37
C189	CIRCULAR	0.45	0.16	0.11	0.45	1	0.45
C190	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.99
C196	TRAPEZOIDAL	0.50	0.75	0.27	2.50	1	0.34
C199	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.13
C2	T-C2	0.65	4.00	0.40	10.00	1	3.79
C20_1	T-C123	1.42	15.24	0.74	20.06	1	17.09
C20_2	T-C123	1.42	15.24	0.74	20.06	1	17.05
C200	TRAPEZOIDAL	0.50	0.75	0.27	2.50	1	0.52
C202	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.32
C207	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.14
C21	C614	0.65	6.63	0.29	22.64	1	3.65
C213	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.39
C213_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.41
C213_3	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.42
C213_4	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.41
C214	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	4.94
C218	T-C218	0.82	3.77	0.37	10.00	1	2.30
C22	T-C22	0.73	4.30	0.43	10.01	1	9.91
C221	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.90
C223	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	12.52
C225	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.75
C226	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.74
C23	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.59
C230	CIRCULAR	0.60	0.28	0.15	0.60	1	0.49
C231_1	T-C231_1	1.56	20.53	0.68	30.00	1	29.74
C231_2	T-C231_2	1.70	13.84	0.52	27.00	1	17.53
C233	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.11
C234	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.03
C239	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.14
C24	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	17.13
C241	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	8.95
C245	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.98
C248	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.98
C25	T-C25	0.68	4.74	0.47	10.00	1	8.79
C251	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.02
C256	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.00
C259	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.33
C26	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.22
C262	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.10
C263	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.85
C266	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	10.13
C267	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	11.84
C268	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	11.40
C27_1	T-C27	0.45	2.91	0.36	8.00	1	3.22
C27_2	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	72.43
C271	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.46
C272	T-C272	1.61	13.00	0.61	28.13	1	20.68
C275	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.65
C276	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.06
C277	T-C277	0.44	1.73	0.17	10.01	1	0.98
C279	T-C279	1.50	12.03	0.56	20.89	1	15.32
C282	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.14
C283	T-C283	0.38	1.47	0.14	10.00	1	0.38
C284	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.02
C285	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	7.77
C287	T-C287	1.59	16.12	0.66	23.02	1	11.20
C287_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.35
C287_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.34
C288	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	4.28
C289	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.94
C29	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.42
C291	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.98
C292	T-C292	1.68	15.29	0.63	22.48	1	17.89
C294	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	10.01
C297_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.54
C299	T-C299	1.57	22.16	0.67	32.67	1	27.75
C3	T-C474	0.68	8.08	0.40	19.98	1	2.07
C3_1	TRAPEZOIDAL	0.50	1.25	0.27	4.50	1	0.57
C300	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	11.71
C304	T-C304	1.21	25.47	0.64	38.97	1	8.72
C305	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.04
C308	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.40
C309	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.73
C31	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.92
C310	T-C310	1.92	35.16	0.85	40.12	1	65.04
C311	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.04
C313	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	8.07
C314	T-C314	1.75	38.59	0.94	40.00	1	45.90
C319	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.59
C32	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.48
C320	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.16
C322	T-C322	1.57	38.31	0.91	40.00	1	5.40
C324	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	4.84
C326	T-C326	1.79	20.22	0.68	29.07	1	21.94
C327	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.25
C329	T-C329	1.90	36.27	0.87	40.03	1	29.01
C33	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	47.72
C331	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.74
C333	T-C333	1.64	25.80	0.61	40.01	1	25.58
C334	CIRCULAR	0.60	0.28	0.15	0.60	1	0.48
C335	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	10.64
C338	T-C338	1.68	28.01	0.66	40.02	1	50.28
C339	T-C339	1.78	28.67	0.68	40.00	1	74.02
C34	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	117.57
C340	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.45
C341	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.70
C344	T-C344	1.60	28.97	0.69	40.00	1	19.16

C346	T-C346	1.47	30.56	0.73	40.00	1	17.30
C349_1	T-C349	1.40	28.81	0.70	40.00	1	73.01
C349_2	T-C349	1.40	28.81	0.70	40.00	1	40.84
C35	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	118.02
C350	T-C350	1.22	23.94	0.60	38.00	1	27.16
C352	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	11.53
C353	T-C353	0.60	3.48	0.39	8.41	1	4.69
C354	T-C354	1.34	28.50	0.68	40.01	1	19.50
C355	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.92
C356	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.50
C359	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	12.96
C36	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	18.61
C360	T-C360	1.26	26.00	0.66	38.00	1	49.64
C361	CIRCULAR	0.40	0.13	0.10	0.40	1	0.11
C363	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.37
C365	T-C365	1.28	33.57	0.87	40.01	1	67.39
C367	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.02
C371	T-C371	1.18	31.19	0.78	40.00	1	81.49
C372	CIRCULAR	1.00	0.79	0.25	1.00	1	1.34
C374	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.70
C375	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.53
C376	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.38
C377	T-C377	1.19	26.61	0.65	40.00	1	19.26
C378	T-C378	0.41	6.39	0.29	22.00	1	4.21
C379	T-C379	0.32	3.68	0.17	22.05	1	2.07
C38	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	15.52
C381_1	T-C381	1.11	23.40	0.65	38.03	1	80.48
C381_2	T-C381	1.11	23.40	0.65	38.03	1	14.11
C384	T-C384	1.18	22.73	0.66	38.06	1	16.89
C385	T-C385	1.26	18.16	0.51	38.03	1	36.06
C388	CIRCULAR	1.25	1.23	0.31	1.25	1	1.53
C391	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.61
C397	T-C397	1.58	20.56	0.50	40.00	1	20.97
C398	T-C398	1.67	25.49	0.69	39.11	1	78.78
C399	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C4	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.62
C40	TRAPEZOIDAL	0.50	1.25	0.27	4.50	1	2.08
C401	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.09
C403	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.54
C405	T-C405	2.18	24.99	0.70	37.63	1	55.68
C408	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.96
C409	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.84
C41	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.97
C413	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.59
C416	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	9.76
C42	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	19.32
C420	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.21
C423	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.84
C425	T-C425	1.05	22.96	0.56	40.01	1	7.04
C429	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.22
C43	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	86.49
C432	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.10
C433	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.46
C435	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	6.91
C437	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.52
C438	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.87
C439	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.30
C44	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	4.02
C444	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.89
C445	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.89
C447	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.26
C448	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	2.25
C451	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.71
C452	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.23
C455	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.52
C457	T-C457	0.34	1.24	0.20	6.00	1	0.11
C458	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.99
C460	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.45
C465	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.61
C466	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	3.52
C468	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.27
C469	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.25
C47	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	33.27
C472	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.56
C475	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	4.95
C478	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.24
C481	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.36
C485	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.74
C486	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.80
C49	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	13.40
C490	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.43
C491	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.59
C498	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.67
C499	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.66
C5	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.07
C50	T-C50	0.58	4.79	0.39	12.00	1	2.81
C505	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	8.13
C507	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.26
C513	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	7.54
C514	T-C514	0.53	3.25	0.32	10.00	1	1.80
C517	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.93
C518	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	9.13
C52	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.06
C520	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	20.94
C521	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.41
C522	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	7.22
C524	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.30
C525	T-C525	1.10	11.72	0.65	18.00	1	9.51
C525_3	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.18
C528	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.39
C53	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.36
C530	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.22
C535	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	9.43

C537_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.23
C537_3	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.25
C540	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.00
C541	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.24
C542	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.88
C543	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.97
C545	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.73
C546	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.28
C547	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.49
C548	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.15
C55	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.10
C550	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.33
C551	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.22
C552	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.46
C553_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C553_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.01
C555	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.15
C556	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.35
C557	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C558	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.11
C559	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.68
C560_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	16.98
C560_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.89
C561	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.66
C562_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.00
C562_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.28
C569	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.84
C57	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	10.45
C575	T-C575	1.34	9.79	0.60	16.00	1	10.08
C58	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.93
C580	T-C580	0.92	10.71	0.59	18.01	1	27.35
C584	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.20
C586	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.28
C587_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.45
C6	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.34
C60	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.77
C600	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.29
C609	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.99
C615	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.09
C617	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	6.70
C62	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.83
C621	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.53
C622	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	6.51
C624	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.18
C63_1	T-C63	1.16	20.37	0.53	37.78	1	42.47
C66	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.86
C7	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.99
C7_1	T-C7_1	1.22	5.82	0.57	9.87	1	18.30
C7_2	T-C7_2	0.93	5.11	0.49	10.13	1	7.62
C70	CIRCULAR	1.00	0.79	0.25	1.00	1	3.44
C78	T-C78	1.15	14.17	0.71	19.25	1	12.06
C79_1	79	0.44	1.42	0.19	10.00	1	0.32
C80	CIRCULAR	0.40	0.13	0.10	0.40	1	0.23
C81	T-C81	0.47	2.57	0.25	10.00	1	2.72
C82	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	10.06
C83	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.72
C85	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.87
C88	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	9.11
C89	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.04
C9	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	2.78
C9_1	12	0.87	5.69	0.56	10.03	1	2.79
C9_2	9	0.82	4.30	0.42	10.02	1	3.58
C95	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.35
C96	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	14.13

Transect Summary

Transect 1093

Area:

0.0002	0.0008	0.0018	0.0031	0.0049
0.0070	0.0095	0.0148	0.0238	0.0379
0.0545	0.0723	0.0913	0.1114	0.1319
0.1525	0.1733	0.1943	0.2155	0.2370
0.2587	0.2806	0.3027	0.3251	0.3478
0.3706	0.3937	0.4171	0.4406	0.4645
0.4885	0.5128	0.5374	0.5623	0.5874
0.6129	0.6385	0.6645	0.6907	0.7172
0.7440	0.7711	0.7985	0.8262	0.8543
0.8828	0.9116	0.9407	0.9702	1.0000

Hrad:

0.0149	0.0298	0.0447	0.0596	0.0744
0.0893	0.1042	0.0987	0.0942	0.0937
0.1086	0.1268	0.1460	0.1640	0.1926
0.2209	0.2489	0.2765	0.3033	0.3298
0.3560	0.3820	0.4078	0.4334	0.4587
0.4838	0.5087	0.5334	0.5579	0.5823
0.6058	0.6289	0.6518	0.6745	0.6970
0.7194	0.7416	0.7637	0.7857	0.8074
0.8291	0.8491	0.8683	0.8874	0.9064
0.9253	0.9441	0.9628	0.9814	1.0000

Width:

0.0130	0.0260	0.0389	0.0519	0.0649
0.0779	0.0908	0.2513	0.3739	0.5354
0.5744	0.6135	0.6525	0.6798	0.6855
0.6912	0.6968	0.7033	0.7112	0.7190
0.7269	0.7348	0.7427	0.7505	0.7584
0.7663	0.7742	0.7820	0.7899	0.7978
0.8065	0.8156	0.8247	0.8337	0.8428
0.8519	0.8610	0.8701	0.8792	0.8883
0.8973	0.9081	0.9196	0.9311	0.9426

	0.6284	0.6522	0.6758	0.6992	0.7111
	0.6843	0.6647	0.6507	0.6767	0.7072
	0.7375	0.7676	0.7974	0.8270	0.8564
	0.8855	0.9144	0.9432	0.9717	1.0000
Width:	0.0237	0.0474	0.0711	0.0948	0.1185
	0.1423	0.1660	0.1897	0.2134	0.2371
	0.2608	0.2845	0.3082	0.3319	0.3556
	0.3793	0.4031	0.4268	0.4505	0.4742
	0.4979	0.5216	0.5375	0.5504	0.5634
	0.5763	0.5893	0.6023	0.6152	0.6282
	0.6411	0.6541	0.6671	0.6800	0.7041
	0.7715	0.8390	0.9065	0.9207	0.9279
	0.9351	0.9423	0.9495	0.9567	0.9639
	0.9712	0.9784	0.9856	0.9928	1.0000

Transect T-C84

Area:	0.0046	0.0147	0.0251	0.0359	0.0471
	0.0586	0.0706	0.0829	0.0957	0.1095
	0.1244	0.1405	0.1577	0.1761	0.1953
	0.2147	0.2342	0.2540	0.2739	0.2939
	0.3142	0.3346	0.3553	0.3760	0.3970
	0.4182	0.4395	0.4610	0.4826	0.5045
	0.5265	0.5487	0.5711	0.5938	0.6168
	0.6401	0.6636	0.6875	0.7116	0.7360
	0.7607	0.7857	0.8109	0.8365	0.8626
	0.8891	0.9161	0.9436	0.9715	1.0000

Hrad:	0.0148	0.0412	0.0680	0.0938	0.1189
	0.1433	0.1671	0.1902	0.2083	0.2191
	0.2305	0.2423	0.2544	0.2668	0.2910
	0.3170	0.3427	0.3682	0.3935	0.4187
	0.4436	0.4683	0.4929	0.5173	0.5415
	0.5655	0.5894	0.6131	0.6367	0.6601
	0.6833	0.7065	0.7266	0.7461	0.7654
	0.7846	0.8037	0.8227	0.8416	0.8604
	0.8791	0.8976	0.9161	0.9302	0.9415
	0.9530	0.9646	0.9763	0.9881	1.0000

Width:	0.3136	0.3563	0.3697	0.3830	0.3964
	0.4097	0.4231	0.4365	0.4601	0.5003
	0.5406	0.5808	0.6210	0.6612	0.6721
	0.6783	0.6845	0.6906	0.6968	0.7029
	0.7091	0.7153	0.7214	0.7276	0.7338
	0.7399	0.7461	0.7522	0.7584	0.7646
	0.7707	0.7769	0.7862	0.7961	0.8060
	0.8159	0.8258	0.8357	0.8455	0.8554
	0.8653	0.8752	0.8851	0.8992	0.9160
	0.9328	0.9496	0.9664	0.9832	1.0000

Transect T-C91

Area:	0.0002	0.0009	0.0021	0.0037	0.0058
	0.0084	0.0153	0.0281	0.0424	0.0577
	0.0740	0.0913	0.1096	0.1289	0.1486
	0.1685	0.1887	0.2090	0.2296	0.2503
	0.2713	0.2925	0.3140	0.3356	0.3575
	0.3795	0.4018	0.4243	0.4470	0.4699
	0.4931	0.5166	0.5405	0.5646	0.5891
	0.6139	0.6390	0.6644	0.6902	0.7163
	0.7427	0.7695	0.7967	0.8243	0.8523
	0.8807	0.9095	0.9386	0.9683	1.0000

Hrad:	0.0164	0.0327	0.0491	0.0654	0.0818
	0.0981	0.0839	0.0858	0.1041	0.1257
	0.1481	0.1705	0.1926	0.2165	0.2468
	0.2768	0.3066	0.3361	0.3653	0.3943
	0.4229	0.4514	0.4796	0.5075	0.5353
	0.5628	0.5901	0.6172	0.6440	0.6706
	0.6940	0.7173	0.7403	0.7632	0.7859
	0.8085	0.8309	0.8531	0.8752	0.8971
	0.9171	0.9365	0.9558	0.9750	0.9941
	1.0132	1.0322	1.0511	1.0438	1.0000

Width:	0.0141	0.0283	0.0424	0.0565	0.0706
	0.0848	0.3463	0.4190	0.4496	0.4802
	0.5108	0.5414	0.5720	0.5958	0.6025
	0.6090	0.6155	0.6220	0.6286	0.6351
	0.6416	0.6481	0.6546	0.6611	0.6677
	0.6742	0.6807	0.6872	0.6937	0.7003
	0.7101	0.7199	0.7296	0.7394	0.7491
	0.7589	0.7687	0.7784	0.7882	0.7979
	0.8094	0.8213	0.8332	0.8450	0.8569
	0.8688	0.8807	0.8926	0.9273	1.0000

Transect T-C93

Area:	0.0011	0.0043	0.0105	0.0198	0.0299
	0.0406	0.0520	0.0641	0.0794	0.0982
	0.1171	0.1361	0.1553	0.1747	0.1942
	0.2139	0.2338	0.2538	0.2739	0.2942
	0.3147	0.3353	0.3561	0.3770	0.3981
	0.4194	0.4408	0.4623	0.4841	0.5060
	0.5282	0.5506	0.5732	0.5961	0.6193
	0.6427	0.6663	0.6902	0.7143	0.7386
	0.7632	0.7881	0.8133	0.8388	0.8648
	0.8911	0.9177	0.9448	0.9722	1.0000

Hrad:	0.0142	0.0259	0.0367	0.0567	0.0803
	0.1027	0.1243	0.1450	0.1193	0.1462
	0.1729	0.1994	0.2257	0.2518	0.2776
	0.3033	0.3288	0.3541	0.3793	0.4042

	0.4290	0.4537	0.4781	0.5024	0.5266
	0.5505	0.5744	0.5981	0.6212	0.6422
	0.6631	0.6837	0.7043	0.7247	0.7450
	0.7651	0.7852	0.8051	0.8248	0.8445
	0.8640	0.8819	0.8968	0.9116	0.9264
	0.9411	0.9559	0.9706	0.9853	1.0000
Width:					
	0.0742	0.1650	0.2867	0.3492	0.3726
	0.3960	0.4195	0.4429	0.6671	0.6727
	0.6783	0.6839	0.6895	0.6951	0.7007
	0.7063	0.7119	0.7175	0.7231	0.7287
	0.7342	0.7398	0.7454	0.7510	0.7566
	0.7622	0.7678	0.7734	0.7795	0.7882
	0.7968	0.8055	0.8141	0.8228	0.8314
	0.8401	0.8487	0.8574	0.8660	0.8747
	0.8833	0.8936	0.9069	0.9202	0.9335
	0.9468	0.9601	0.9734	0.9867	1.0000

Transect T-C94

Area:

	0.0002	0.0009	0.0020	0.0035	0.0055
	0.0079	0.0109	0.0157	0.0228	0.0361
	0.0517	0.0683	0.0862	0.1052	0.1251
	0.1452	0.1655	0.1860	0.2067	0.2277
	0.2490	0.2705	0.2922	0.3142	0.3364
	0.3589	0.3816	0.4046	0.4278	0.4513
	0.4750	0.4990	0.5233	0.5481	0.5732
	0.5987	0.6245	0.6508	0.6774	0.7044
	0.7317	0.7595	0.7877	0.8164	0.8455
	0.8750	0.9050	0.9354	0.9668	1.0000

Hrad:

	0.0169	0.0338	0.0506	0.0675	0.0844
	0.1013	0.1158	0.1206	0.1197	0.1144
	0.1283	0.1472	0.1678	0.1888	0.2129
	0.2447	0.2761	0.3068	0.3370	0.3669
	0.3965	0.4258	0.4549	0.4836	0.5121
	0.5404	0.5684	0.5962	0.6237	0.6511
	0.6782	0.7017	0.7248	0.7478	0.7706
	0.7932	0.8157	0.8380	0.8602	0.8822
	0.9025	0.9223	0.9421	0.9617	0.9813
	1.0008	1.0202	1.0395	1.0189	1.0000

Width:

	0.0129	0.0257	0.0386	0.0514	0.0643
	0.0771	0.1117	0.1702	0.2870	0.4393
	0.4733	0.5073	0.5413	0.5753	0.5876
	0.5934	0.5992	0.6062	0.6134	0.6206
	0.6278	0.6350	0.6422	0.6494	0.6566
	0.6638	0.6710	0.6782	0.6854	0.6926
	0.6998	0.7105	0.7215	0.7324	0.7433
	0.7542	0.7651	0.7760	0.7869	0.7978
	0.8102	0.8229	0.8357	0.8484	0.8612
	0.8739	0.8866	0.8994	0.9487	1.0000

Transect T-C97

Area:

	0.0002	0.0009	0.0020	0.0035	0.0055
	0.0079	0.0108	0.0141	0.0178	0.0220
	0.0266	0.0316	0.0376	0.0449	0.0590
	0.0798	0.1031	0.1264	0.1499	0.1736
	0.1973	0.2213	0.2453	0.2696	0.2940
	0.3186	0.3435	0.3685	0.3939	0.4194
	0.4452	0.4712	0.4975	0.5239	0.5506
	0.5776	0.6047	0.6321	0.6597	0.6877
	0.7162	0.7453	0.7749	0.8051	0.8359
	0.8672	0.8993	0.9321	0.9657	1.0000

Hrad:

	0.0172	0.0343	0.0515	0.0687	0.0858
	0.1030	0.1201	0.1373	0.1545	0.1716
	0.1888	0.2005	0.2003	0.2024	0.1870
	0.1199	0.1538	0.1875	0.2209	0.2541
	0.2872	0.3200	0.3527	0.3851	0.4161
	0.4467	0.4771	0.5073	0.5372	0.5668
	0.5963	0.6255	0.6546	0.6834	0.7120
	0.7404	0.7687	0.7967	0.8246	0.8441
	0.8623	0.8804	0.8986	0.9167	0.9347
	0.9492	0.9616	0.9742	0.9870	1.0000

Width:

	0.0127	0.0253	0.0380	0.0506	0.0633
	0.0759	0.0886	0.1012	0.1139	0.1265
	0.1392	0.1561	0.1859	0.3287	0.4901
	0.6667	0.6709	0.6750	0.6792	0.6833
	0.6874	0.6916	0.6957	0.6999	0.7063
	0.7130	0.7196	0.7262	0.7329	0.7395
	0.7461	0.7528	0.7594	0.7660	0.7727
	0.7793	0.7859	0.7926	0.7992	0.8139
	0.8298	0.8458	0.8618	0.8778	0.8937
	0.9132	0.9349	0.9566	0.9783	1.0000

Analysis Options

Flow Units CMS

Process Models:

Rainfall/Runoff YES
RDII NO
Snowmelt NO
Groundwater NO
Flow Routing YES
Ponding Allowed YES
Water Quality NO
Infiltration Method CURVE_NUMBER
Flow Routing Method DYNWAVE

Surcharge Method EXTRAN
 Starting Date 09/13/2025 00:00:00
 Ending Date 09/15/2025 00:00:00
 Antecedent Dry Days 0.0
 Report Time Step 00:01:00
 Wet Time Step 00:05:00
 Dry Time Step 00:05:00
 Routing Time Step 5.00 sec
 Variable Time Step YES
 Maximum Trials 8
 Number of Threads 6
 Head Tolerance 0.001500 m

```

*****
                Volume          Depth
Runoff Quantity Continuity  hectare-m      mm
*****
Total Precipitation ..... 28.573      103.500
Evaporation Loss ..... 0.000      0.000
Infiltration Loss ..... 15.715      56.924
Surface Runoff ..... 12.497      45.270
Final Storage ..... 0.373      1.353
Continuity Error (%) ..... -0.045
  
```

```

*****
                Volume          Volume
Flow Routing Continuity    hectare-m      10^6 ltr
*****
Dry Weather Inflow ..... 0.000      0.000
Wet Weather Inflow ..... 12.495      124.953
Groundwater Inflow ..... 0.000      0.000
RDII Inflow ..... 0.000      0.000
External Inflow ..... 0.000      0.000
External Outflow ..... 12.472      124.725
Flooding Loss ..... 0.000      0.000
Evaporation Loss ..... 0.000      0.000
Exfiltration Loss ..... 0.000      0.000
Initial Stored Volume .... 0.000      0.001
Final Stored Volume ..... 0.022      0.223
Continuity Error (%) ..... 0.005
  
```

```

*****
Highest Continuity Errors
*****
Node 17111 (100.00%)
Node J12_1 (2.73%)
Node J964 (1.39%)
Node J9_1 (-1.18%)
Node 30475 (1.09%)
  
```

```

*****
Time-Step Critical Elements
*****
Link C137 (51.31%)
  
```

```

*****
Highest Flow Instability Indexes
*****
Link C17 (7)
Link C20_2 (6)
Link C147 (6)
Link C560_1 (5)
Link C560_2 (4)
  
```

```

*****
Most Frequent Nonconverging Nodes
*****
Convergence obtained at all time steps.
  
```

```

*****
Routing Time Step Summary
*****
Minimum Time Step      : 1.29 sec
Average Time Step      : 3.74 sec
Maximum Time Step      : 5.00 sec
% of Time in Steady State : 0.00
Average Iterations per Step : 2.00
% of Steps Not Converging : 0.00
Time Step Frequencies :
  5.000 - 3.155 sec : 56.45 %
  3.155 - 1.991 sec : 30.17 %
  1.991 - 1.256 sec : 13.38 %
  1.256 - 0.792 sec : 0.00 %
  0.792 - 0.500 sec : 0.00 %
  
```

```

*****
Subcatchment Runoff Summary
*****
  
```

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff CMS	Runoff Coeff
S1	103.50	0.00	0.00	56.27	5.12	40.92	46.04	0.40	0.07	0.445
S10	103.50	0.00	0.00	55.54	5.12	41.70	46.82	0.15	0.05	0.452
S100	103.50	0.00	0.00	56.13	5.12	41.05	46.16	0.82	0.15	0.446

S85	103.50	0.00	0.00	56.73	5.12	40.44	45.56	0.12	0.02	0.440
S86	103.50	0.00	0.00	56.51	5.12	40.66	45.78	0.25	0.04	0.442
S87	103.50	0.00	0.00	58.00	5.13	39.16	44.29	1.51	0.13	0.428
S88	103.50	0.00	0.00	55.46	5.12	41.79	46.91	0.32	0.10	0.453
S89	103.50	0.00	0.00	56.75	5.12	40.42	45.54	0.29	0.04	0.440
S9	103.50	0.00	0.00	56.27	5.12	40.92	46.04	0.23	0.04	0.445
S90	103.50	0.00	0.00	41.48	5.12	55.24	60.36	0.67	0.12	0.583
S91	103.50	0.00	0.00	59.35	5.14	34.09	39.23	0.20	0.01	0.379
S92	103.50	0.00	0.00	58.62	5.14	38.51	43.65	0.37	0.03	0.422
S93	103.50	0.00	0.00	55.83	5.12	41.38	46.50	0.50	0.12	0.449
S94	103.50	0.00	0.00	57.11	5.13	40.05	45.18	0.81	0.09	0.436
S95	103.50	0.00	0.00	58.43	5.13	38.70	43.84	0.24	0.02	0.424
S96	103.50	0.00	0.00	56.29	5.12	40.89	46.01	0.20	0.03	0.445
S97	103.50	0.00	0.00	56.67	5.12	40.50	45.62	0.15	0.02	0.441
S98	103.50	0.00	0.00	43.00	5.12	54.04	59.16	1.24	0.23	0.572
S99	103.50	0.00	0.00	56.86	5.12	40.30	45.42	0.29	0.04	0.439

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
15017	JUNCTION	0.11	0.27	95.67	0 12:38	0.27
15023	JUNCTION	0.08	0.22	95.66	0 12:39	0.22
15115	JUNCTION	0.09	0.24	96.26	0 12:05	0.24
15161	JUNCTION	0.06	0.19	95.90	0 12:10	0.19
15169	JUNCTION	0.07	0.20	95.70	0 12:12	0.20
15183	JUNCTION	0.12	0.27	95.68	0 12:38	0.27
15526	JUNCTION	0.08	0.19	95.57	0 12:41	0.19
15536	JUNCTION	0.17	0.29	95.57	0 12:41	0.29
16468	JUNCTION	0.03	0.09	96.31	0 12:01	0.09
16472	JUNCTION	0.00	0.00	96.77	0 00:00	0.00
16496	JUNCTION	0.04	0.11	96.38	0 12:00	0.11
16553	JUNCTION	0.00	0.07	96.43	0 12:47	0.07
16555	JUNCTION	0.00	0.00	96.79	0 00:00	0.00
16576	JUNCTION	0.00	0.03	96.51	0 12:49	0.03
16611	JUNCTION	0.02	0.14	96.55	0 12:46	0.14
16639	JUNCTION	0.05	0.37	96.55	0 12:47	0.37
16641	JUNCTION	0.00	0.00	96.41	0 00:00	0.00
16677	JUNCTION	0.16	0.63	96.54	0 12:47	0.63
16797	JUNCTION	0.05	0.17	96.76	0 12:19	0.17
16799	JUNCTION	0.00	0.00	97.10	0 00:00	0.00
16815	JUNCTION	0.05	0.19	96.88	0 12:12	0.19
16874	JUNCTION	0.04	0.14	97.08	0 12:11	0.14
16876	JUNCTION	0.00	0.00	97.44	0 00:00	0.00
16902	JUNCTION	0.04	0.17	97.18	0 12:10	0.17
17000	JUNCTION	0.05	0.16	97.39	0 12:07	0.16
17050	JUNCTION	0.07	0.24	97.55	0 12:05	0.24
17077	JUNCTION	0.01	0.08	97.55	0 12:05	0.08
17111	JUNCTION	0.26	0.33	97.47	2 00:00	0.33
17114	JUNCTION	0.00	0.00	98.13	0 00:00	0.00
17125	JUNCTION	0.00	0.00	97.51	0 00:00	0.00
17181	JUNCTION	0.00	0.00	97.98	0 00:00	0.00
17189	JUNCTION	0.00	0.00	97.80	0 00:00	0.00
17196	JUNCTION	0.00	0.00	98.42	0 00:00	0.00
17262	JUNCTION	0.05	0.16	95.57	0 12:41	0.16
17276	JUNCTION	0.08	0.22	95.27	0 12:42	0.22
17290	JUNCTION	0.08	0.21	95.24	0 12:43	0.21
17305	JUNCTION	0.04	0.11	95.13	0 12:44	0.11
17316	JUNCTION	0.13	0.25	95.10	0 12:46	0.25
17319	JUNCTION	0.00	0.00	95.50	0 00:00	0.00
30259	JUNCTION	0.19	0.80	92.92	0 13:39	0.80
30475	JUNCTION	0.21	0.63	93.48	0 13:29	0.63
30654	JUNCTION	0.05	0.37	93.69	0 13:20	0.37
30690	JUNCTION	0.10	0.55	93.79	0 13:17	0.55
30703	JUNCTION	0.20	0.80	93.79	0 13:17	0.80
30723	JUNCTION	0.22	0.82	93.80	0 13:17	0.82
30741	JUNCTION	0.20	0.81	93.80	0 13:17	0.81
30776	JUNCTION	0.39	1.12	93.80	0 13:17	1.12
30790	JUNCTION	0.18	0.76	93.80	0 13:17	0.76
30821	JUNCTION	0.13	0.62	93.80	0 13:17	0.62
30846	JUNCTION	0.04	0.30	93.80	0 13:17	0.30
30874	JUNCTION	0.00	0.00	94.14	0 00:00	0.00
30901	JUNCTION	0.00	0.00	95.23	0 00:00	0.00
30961	JUNCTION	0.09	0.25	94.03	0 12:04	0.25
31055	JUNCTION	0.09	0.31	93.66	0 12:31	0.31
31056	JUNCTION	0.00	0.00	94.36	0 00:00	0.00
31282	JUNCTION	0.23	0.45	93.96	0 12:35	0.45
31294	JUNCTION	0.16	0.38	93.96	0 12:35	0.38
31330	JUNCTION	0.14	0.37	93.97	0 12:40	0.37
31346	JUNCTION	0.15	0.38	93.97	0 12:40	0.38
31478	JUNCTION	0.13	0.35	93.97	0 12:40	0.35
31499	JUNCTION	0.12	0.34	93.97	0 12:39	0.34
31616	JUNCTION	0.12	0.36	93.93	0 12:35	0.36
31659	JUNCTION	0.34	0.89	93.71	0 13:11	0.89
31679	JUNCTION	0.19	0.50	93.74	0 13:21	0.50
31692	JUNCTION	0.37	0.82	93.99	0 13:20	0.82
31717	JUNCTION	0.36	0.86	94.06	0 13:20	0.86
31727	JUNCTION	0.10	0.16	94.58	0 12:54	0.16
31735	JUNCTION	0.07	0.23	94.77	0 12:52	0.23
33004	JUNCTION	0.06	0.16	95.09	0 12:47	0.16
33025	JUNCTION	0.07	0.20	95.01	0 12:50	0.20
33039	JUNCTION	0.07	0.19	94.98	0 12:51	0.19
33074	JUNCTION	0.03	0.07	94.58	0 12:54	0.07
33088	JUNCTION	0.04	0.14	94.30	0 12:58	0.14
33102	JUNCTION	0.03	0.09	94.23	0 13:00	0.09
33116	JUNCTION	0.06	0.13	94.18	0 15:34	0.13
33130	JUNCTION	0.03	0.18	94.11	0 13:20	0.18

33147	JUNCTION	0.19	0.55	94.10	0	13:21	0.55
33161	JUNCTION	0.18	0.54	94.06	0	13:21	0.54
35248	JUNCTION	0.05	0.18	96.26	0	12:05	0.18
35262	JUNCTION	0.05	0.15	96.27	0	12:06	0.15
J1	JUNCTION	0.18	0.55	94.11	0	13:20	0.55
J100	JUNCTION	0.02	0.13	98.51	0	12:02	0.13
J1010	JUNCTION	0.20	0.64	94.34	0	12:59	0.64
J102	JUNCTION	0.02	0.08	98.34	0	12:01	0.08
J1036	JUNCTION	0.15	0.46	93.97	0	13:11	0.46
J109	JUNCTION	0.02	0.13	98.48	0	12:02	0.13
J11	JUNCTION	0.16	0.56	96.23	0	12:50	0.56
J112	JUNCTION	0.02	0.08	97.62	0	12:01	0.08
J114	JUNCTION	0.02	0.09	97.74	0	12:06	0.09
J1142	JUNCTION	0.07	0.30	93.78	0	12:04	0.30
J116	JUNCTION	0.02	0.16	96.61	0	12:44	0.16
J12	JUNCTION	0.09	0.35	95.69	0	12:25	0.35
J12_1	JUNCTION	0.01	0.05	96.38	0	12:55	0.05
J1209	JUNCTION	0.25	0.74	95.42	0	13:30	0.74
J1210	JUNCTION	0.03	0.18	97.56	0	12:03	0.18
J1212	JUNCTION	0.12	0.44	95.39	0	12:43	0.44
J1213	JUNCTION	0.08	0.38	95.18	0	12:14	0.38
J1216	JUNCTION	0.09	0.33	96.98	0	12:58	0.33
J1219	JUNCTION	0.11	0.42	96.61	0	12:44	0.42
J122	JUNCTION	0.18	0.63	97.45	0	12:35	0.63
J1222	JUNCTION	0.07	0.31	96.29	0	13:17	0.31
J1225	JUNCTION	0.07	0.27	98.51	0	12:18	0.27
J1227	JUNCTION	0.04	0.21	98.70	0	12:04	0.21
J1229	JUNCTION	0.07	0.34	97.53	0	12:39	0.34
J1231	JUNCTION	0.12	0.46	97.90	0	12:26	0.46
J1232	JUNCTION	0.04	0.26	97.07	0	12:04	0.26
J1233	JUNCTION	0.27	0.67	93.47	0	13:12	0.67
J124	JUNCTION	0.01	0.04	97.71	0	12:01	0.04
J1240	JUNCTION	0.15	0.56	95.27	0	12:52	0.56
J1241	JUNCTION	0.14	0.48	95.66	0	13:24	0.48
J1249	JUNCTION	0.23	0.70	95.50	0	13:28	0.70
J1254	JUNCTION	0.10	0.37	97.11	0	12:55	0.37
J1258	JUNCTION	0.04	0.20	96.36	0	12:04	0.20
J1259	JUNCTION	0.08	0.47	96.02	0	12:38	0.47
J126	JUNCTION	0.10	0.39	97.70	0	12:28	0.39
J1260	JUNCTION	0.08	0.32	95.85	0	12:01	0.32
J1268	JUNCTION	0.12	0.44	95.64	0	12:39	0.44
J1270	JUNCTION	0.21	0.66	95.63	0	13:24	0.66
J1272	JUNCTION	0.12	0.50	94.17	0	12:04	0.50
J1273	JUNCTION	0.19	0.65	97.44	0	12:36	0.65
J1276	JUNCTION	0.07	0.41	94.19	0	12:03	0.41
J1277	JUNCTION	0.07	0.35	97.52	0	12:40	0.35
J1278	JUNCTION	0.19	0.59	94.66	0	12:57	0.59
J1279	JUNCTION	0.04	0.20	97.65	0	12:20	0.20
J1280	JUNCTION	0.06	0.29	97.54	0	12:37	0.29
J1294	JUNCTION	0.10	0.36	97.38	0	12:50	0.36
J1299	JUNCTION	0.04	0.23	95.37	0	12:02	0.23
J13	JUNCTION	0.09	0.37	98.61	0	12:17	0.37
J1300	JUNCTION	0.10	0.29	97.46	0	12:12	0.29
J1301	JUNCTION	0.18	0.56	96.17	0	13:17	0.56
J1306	JUNCTION	0.03	0.14	97.66	0	12:06	0.14
J1308	JUNCTION	0.05	0.18	94.99	0	12:30	0.18
J1314	JUNCTION	0.07	0.32	96.17	0	12:13	0.32
J1318	JUNCTION	0.18	0.65	96.01	0	12:38	0.65
J1322	JUNCTION	0.03	0.17	94.12	0	12:00	0.17
J1324	JUNCTION	0.13	0.49	98.04	0	12:23	0.49
J1325	JUNCTION	0.11	0.49	94.18	0	12:04	0.49
J1329	JUNCTION	0.20	0.65	95.23	0	12:53	0.65
J1330	JUNCTION	0.10	0.42	93.95	0	13:12	0.42
J1331	JUNCTION	0.14	0.47	95.07	0	12:18	0.47
J1332	JUNCTION	0.13	0.46	96.29	0	13:16	0.46
J1334	JUNCTION	0.09	0.26	94.75	0	12:39	0.26
J1335	JUNCTION	0.13	0.47	93.61	0	13:21	0.47
J1338	JUNCTION	0.11	0.43	97.51	0	12:41	0.43
J1344	JUNCTION	0.22	0.67	97.41	0	12:37	0.67
J1348	JUNCTION	0.20	0.62	95.05	0	12:55	0.62
J135	JUNCTION	0.03	0.21	97.38	0	12:50	0.21
J1352	JUNCTION	0.23	0.76	93.95	0	13:13	0.76
J1355	JUNCTION	0.17	0.50	95.04	0	13:27	0.50
J138	JUNCTION	0.03	0.14	98.61	0	12:08	0.14
J14	JUNCTION	0.11	0.40	95.63	0	12:25	0.40
J140	JUNCTION	0.03	0.14	98.44	0	12:13	0.14
J142	JUNCTION	0.12	0.45	97.10	0	12:37	0.45
J15	JUNCTION	0.03	0.13	96.49	0	12:04	0.13
J153	JUNCTION	0.06	0.28	97.34	0	12:52	0.28
J159	JUNCTION	0.07	0.32	97.11	0	12:55	0.32
J161	JUNCTION	0.01	0.05	97.79	0	12:00	0.05
J165	JUNCTION	0.03	0.13	96.67	0	12:01	0.13
J167	JUNCTION	0.01	0.09	97.60	0	12:01	0.09
J169	JUNCTION	0.09	0.35	97.34	0	12:52	0.35
J17	JUNCTION	0.16	0.44	98.61	0	12:18	0.44
J172	JUNCTION	0.04	0.23	96.98	0	12:58	0.23
J18	JUNCTION	0.10	0.38	95.53	0	12:22	0.38
J19	JUNCTION	0.05	0.31	95.39	0	12:42	0.31
J190	JUNCTION	0.08	0.37	97.53	0	12:40	0.37
J199	JUNCTION	0.01	0.11	97.66	0	12:20	0.11
J2	JUNCTION	0.20	0.58	94.23	0	13:19	0.58
J20	JUNCTION	0.11	0.39	98.61	0	12:17	0.39
J201	JUNCTION	0.11	0.43	97.52	0	12:41	0.43
J205	JUNCTION	0.13	0.41	97.41	0	12:48	0.41
J209	JUNCTION	0.09	0.35	96.68	0	13:00	0.35
J21	JUNCTION	0.04	0.23	93.93	0	12:35	0.23
J217	JUNCTION	0.05	0.29	97.53	0	12:39	0.29
J219	JUNCTION	0.04	0.21	97.60	0	12:23	0.21
J221	JUNCTION	0.21	0.69	95.74	0	13:02	0.69
J225	JUNCTION	0.06	0.30	97.53	0	12:39	0.30
J227	JUNCTION	0.01	0.07	96.43	0	12:00	0.07
J229	JUNCTION	0.03	0.17	96.56	0	12:01	0.17
J23	JUNCTION	0.21	0.48	98.59	0	12:19	0.48

J232	JUNCTION	0.02	0.12	96.58	0	12:00	0.12
J241	JUNCTION	0.03	0.16	96.54	0	12:02	0.16
J25	JUNCTION	0.07	0.36	93.61	0	12:01	0.35
J254	JUNCTION	0.01	0.10	97.20	0	12:01	0.10
J273	JUNCTION	0.03	0.20	97.33	0	12:01	0.20
J275	JUNCTION	0.03	0.13	96.30	0	13:18	0.13
J28	JUNCTION	0.12	0.38	98.58	0	12:19	0.38
J281	JUNCTION	0.02	0.12	96.40	0	12:00	0.11
J283	JUNCTION	0.09	0.36	96.47	0	13:03	0.36
J294	JUNCTION	0.09	0.33	96.53	0	13:02	0.33
J299	JUNCTION	0.03	0.21	96.29	0	13:18	0.21
J3	JUNCTION	0.21	0.66	94.55	0	13:27	0.66
J30	JUNCTION	0.03	0.16	97.79	0	12:00	0.16
J304	JUNCTION	0.03	0.20	96.17	0	12:13	0.20
J319	JUNCTION	0.10	0.41	96.29	0	13:16	0.41
J32	JUNCTION	0.14	0.39	98.57	0	12:19	0.39
J329	JUNCTION	0.01	0.11	95.27	0	12:01	0.11
J35	JUNCTION	0.27	0.54	98.57	0	12:19	0.54
J355	JUNCTION	0.02	0.06	94.36	0	12:37	0.06
J36	JUNCTION	0.07	0.39	93.80	0	13:17	0.39
J360	JUNCTION	0.02	0.11	96.02	0	12:00	0.11
J362	JUNCTION	0.04	0.23	96.51	0	12:07	0.23
J37	JUNCTION	0.04	0.21	99.13	0	12:00	0.21
J372	JUNCTION	0.04	0.22	96.80	0	12:06	0.22
J384	JUNCTION	0.06	0.32	95.18	0	12:14	0.32
J39	JUNCTION	0.03	0.16	97.94	0	12:02	0.16
J392	JUNCTION	0.02	0.14	95.48	0	12:01	0.14
J394	JUNCTION	0.02	0.13	95.26	0	12:01	0.13
J396	JUNCTION	0.03	0.19	95.19	0	12:13	0.19
J398	JUNCTION	0.14	0.49	96.18	0	13:17	0.49
J4	JUNCTION	0.09	0.36	95.66	0	12:26	0.36
J41	JUNCTION	0.02	0.12	98.22	0	12:01	0.12
J419	JUNCTION	0.07	0.34	96.23	0	12:10	0.34
J43	JUNCTION	0.31	0.53	98.51	0	12:18	0.53
J443	JUNCTION	0.08	0.39	96.04	0	12:37	0.39
J447	JUNCTION	0.02	0.13	95.52	0	12:01	0.13
J449	JUNCTION	0.09	0.43	95.17	0	12:14	0.43
J451	JUNCTION	0.04	0.24	95.49	0	12:01	0.24
J453	JUNCTION	0.06	0.36	95.17	0	12:14	0.36
J455	JUNCTION	0.08	0.46	96.02	0	12:38	0.46
J46	JUNCTION	0.12	0.32	96.02	0	12:08	0.32
J462	JUNCTION	0.15	0.48	95.05	0	13:24	0.48
J467	JUNCTION	0.04	0.25	95.52	0	12:01	0.25
J47	JUNCTION	0.04	0.16	96.06	0	12:07	0.16
J472	JUNCTION	0.05	0.26	95.53	0	12:01	0.26
J475	JUNCTION	0.04	0.26	95.42	0	12:02	0.26
J479	JUNCTION	0.21	0.57	95.17	0	12:13	0.57
J48	JUNCTION	0.04	0.20	97.64	0	12:02	0.20
J491	JUNCTION	0.15	0.51	95.12	0	13:06	0.51
J493	JUNCTION	0.01	0.08	94.77	0	12:00	0.08
J5	JUNCTION	0.03	0.13	95.67	0	12:02	0.13
J50	JUNCTION	0.11	0.46	95.16	0	12:14	0.46
J51	JUNCTION	0.16	0.57	96.15	0	12:52	0.57
J52	JUNCTION	0.05	0.19	98.80	0	12:09	0.19
J523	JUNCTION	0.14	0.48	94.90	0	13:09	0.48
J525	JUNCTION	0.16	0.62	96.02	0	12:37	0.62
J54	JUNCTION	0.05	0.20	97.56	0	12:03	0.20
J56	JUNCTION	0.04	0.20	97.59	0	12:07	0.20
J562	JUNCTION	0.29	0.78	95.35	0	13:31	0.78
J576	JUNCTION	0.15	0.57	95.63	0	13:24	0.57
J58	JUNCTION	0.07	0.27	93.97	0	12:37	0.27
J580	JUNCTION	0.01	0.08	94.58	0	12:02	0.08
J584	JUNCTION	0.13	0.46	95.73	0	12:37	0.46
J59	JUNCTION	0.04	0.18	99.08	0	12:01	0.18
J596	JUNCTION	0.08	0.37	95.64	0	12:39	0.37
J598	JUNCTION	0.18	0.61	94.53	0	13:26	0.61
J602	JUNCTION	0.01	0.07	95.29	0	12:53	0.07
J61	JUNCTION	0.02	0.10	98.72	0	12:01	0.10
J611	JUNCTION	0.04	0.29	95.42	0	13:30	0.29
J623	JUNCTION	0.05	0.21	95.24	0	12:03	0.21
J63	JUNCTION	0.05	0.20	97.56	0	12:03	0.20
J633	JUNCTION	0.28	0.73	94.37	0	13:25	0.73
J644	JUNCTION	0.03	0.16	95.14	0	12:39	0.16
J646	JUNCTION	0.04	0.18	95.17	0	12:04	0.18
J650	JUNCTION	0.17	0.55	95.41	0	12:44	0.55
J658	JUNCTION	0.05	0.21	95.23	0	12:04	0.21
J66	JUNCTION	0.01	0.08	99.05	0	12:00	0.08
J660	JUNCTION	0.06	0.30	95.29	0	12:52	0.30
J664	JUNCTION	0.06	0.30	95.29	0	12:53	0.30
J668	JUNCTION	0.08	0.32	94.35	0	12:14	0.32
J673	JUNCTION	0.22	0.61	94.26	0	13:22	0.61
J676	JUNCTION	0.13	0.51	95.29	0	12:50	0.51
J68	JUNCTION	0.04	0.23	97.90	0	12:26	0.23
J684	JUNCTION	0.06	0.33	95.29	0	12:52	0.33
J686	JUNCTION	0.05	0.23	95.09	0	12:00	0.23
J693	JUNCTION	0.14	0.50	95.37	0	12:46	0.50
J7	JUNCTION	0.07	0.31	95.78	0	12:04	0.31
J70	JUNCTION	0.17	0.58	96.04	0	12:54	0.58
J703	JUNCTION	0.05	0.20	95.14	0	12:41	0.20
J710	JUNCTION	0.03	0.13	94.52	0	12:04	0.13
J712	JUNCTION	0.14	0.51	95.35	0	12:47	0.51
J718	JUNCTION	0.05	0.21	95.14	0	12:41	0.21
J72	JUNCTION	0.05	0.24	98.36	0	12:08	0.24
J720	JUNCTION	0.08	0.43	95.27	0	12:52	0.43
J728	JUNCTION	0.04	0.20	95.07	0	12:01	0.20
J737	JUNCTION	0.14	0.54	95.27	0	12:52	0.54
J744	JUNCTION	0.07	0.27	94.76	0	12:10	0.27
J746	JUNCTION	0.05	0.26	94.86	0	12:05	0.26
J748	JUNCTION	0.07	0.29	94.83	0	12:06	0.29
J75	JUNCTION	0.08	0.41	98.05	0	12:23	0.41
J757	JUNCTION	0.05	0.24	94.97	0	12:02	0.24
J76	JUNCTION	0.20	0.58	96.08	0	13:18	0.58
J761	JUNCTION	0.10	0.29	95.12	0	12:43	0.29

J77	JUNCTION	0.02	0.10	97.60	0	12:00	0.10
J777	JUNCTION	0.19	0.64	95.24	0	12:53	0.64
J779	JUNCTION	0.05	0.21	95.13	0	12:43	0.21
J797	JUNCTION	0.05	0.23	94.94	0	12:03	0.23
J80	JUNCTION	0.17	0.63	97.44	0	12:36	0.63
J803	JUNCTION	0.05	0.24	94.51	0	12:00	0.24
J82	JUNCTION	0.01	0.08	100.57	0	12:03	0.08
J834	JUNCTION	0.12	0.31	95.12	0	12:44	0.31
J84	JUNCTION	0.01	0.06	98.40	0	12:00	0.06
J86	JUNCTION	0.15	0.59	97.42	0	12:37	0.59
J87	JUNCTION	0.11	0.43	95.29	0	12:52	0.43
J88	JUNCTION	0.12	0.43	97.18	0	12:37	0.43
J9	JUNCTION	0.13	0.42	98.61	0	12:17	0.42
J9_1	JUNCTION	0.02	0.08	96.38	0	12:01	0.08
J90	JUNCTION	0.04	0.20	97.42	0	12:36	0.20
J92	JUNCTION	0.01	0.06	101.24	0	12:00	0.06
J923	JUNCTION	0.05	0.42	94.54	0	12:01	0.42
J925	JUNCTION	0.08	0.24	94.74	0	12:40	0.24
J929	JUNCTION	0.09	0.31	94.75	0	12:30	0.31
J95	JUNCTION	0.02	0.11	97.34	0	12:52	0.11
J954	JUNCTION	0.00	0.04	94.74	0	12:41	0.04
J964	JUNCTION	0.10	0.27	94.75	0	12:39	0.27
NOF1_1	JUNCTION	0.25	0.74	92.93	0	13:38	0.74
NOF1	OUTFALL	0.12	0.49	92.49	0	13:39	0.49
NOF2	OUTFALL	0.09	0.31	93.31	0	12:31	0.31
Outfall_A	OUTFALL	0.24	0.63	93.26	0	13:17	0.63
Outfall_B	OUTFALL	0.16	0.46	93.26	0	13:12	0.46

Node Inflow Summary

Node	Type	Maximum Lateral Inflow CMS	Maximum Total Inflow CMS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent
15017	JUNCTION	0.000	0.095	0 12:12	0	1.26	0.269
15023	JUNCTION	0.000	0.081	0 12:38	0	1.26	0.003
15115	JUNCTION	0.000	0.110	0 12:03	0	1.26	0.120
15161	JUNCTION	0.000	0.107	0 12:09	0	1.26	-0.015
15169	JUNCTION	0.000	0.107	0 12:10	0	1.26	0.017
15183	JUNCTION	0.000	0.104	0 12:11	0	1.26	-0.117
15526	JUNCTION	0.000	0.081	0 12:39	0	1.26	0.033
15536	JUNCTION	0.000	0.081	0 12:39	0	1.26	0.274
16468	JUNCTION	0.000	0.024	0 12:00	0	0.356	-0.012
16472	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16496	JUNCTION	0.028	0.028	0 12:00	0.349	0.359	-0.007
16553	JUNCTION	0.000	0.003	0 12:49	0	0.0066	-0.231
16555	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16576	JUNCTION	0.000	0.003	0 12:46	0	0.00664	0.435
16611	JUNCTION	0.054	0.054	0 12:00	0.262	0.262	-0.025
16639	JUNCTION	0.000	0.051	0 12:00	0	0.257	-0.505
16641	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16677	JUNCTION	0.015	1.136	0 12:40	0.116	15.4	0.052
16797	JUNCTION	0.000	0.105	0 12:12	0	1.13	-0.454
16799	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16815	JUNCTION	0.000	0.106	0 12:11	0	1.13	0.007
16874	JUNCTION	0.000	0.106	0 12:10	0	1.13	-0.005
16876	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16902	JUNCTION	0.000	0.108	0 12:07	0	1.13	0.031
17000	JUNCTION	0.012	0.110	0 12:05	0.189	1.13	0.036
17050	JUNCTION	0.000	0.126	0 12:02	0	0.955	0.018
17077	JUNCTION	0.000	0.011	0 12:04	0	0.0151	-8.418
17111	JUNCTION	0.000	0.010	0 12:06	0	0.0161	16071.126 ltr
17114	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17125	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17181	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17189	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17196	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17262	JUNCTION	0.000	0.081	0 12:40	0	1.26	0.010
17276	JUNCTION	0.000	0.081	0 12:41	0	1.26	0.005
17290	JUNCTION	0.000	0.081	0 12:42	0	1.26	0.021
17305	JUNCTION	0.000	0.081	0 12:43	0	1.26	-0.001
17316	JUNCTION	0.000	0.081	0 12:44	0	1.26	0.155
17319	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
30259	JUNCTION	0.000	1.367	0 13:31	0	19.5	0.018
30475	JUNCTION	0.167	1.302	0 13:20	1.7	15.8	1.098
30654	JUNCTION	0.000	1.009	0 13:16	0	8.57	0.022
30690	JUNCTION	0.076	1.010	0 13:14	1.02	9.01	-0.020
30703	JUNCTION	0.000	0.974	0 13:13	0	8.48	0.006
30723	JUNCTION	0.034	0.977	0 13:11	0.296	8.67	0.009
30741	JUNCTION	0.000	0.965	0 13:10	0	8.58	0.001
30776	JUNCTION	0.077	2.105	0 13:07	0.879	39.6	0.042
30790	JUNCTION	0.000	0.515	0 12:03	0	4.58	0.097
30821	JUNCTION	0.189	0.501	0 12:06	1.07	4.58	-0.087
30846	JUNCTION	0.061	0.061	0 12:00	0.462	0.462	-0.019
30874	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
30901	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
30961	JUNCTION	0.203	0.203	0 12:00	2.2	2.2	0.119
31055	JUNCTION	0.296	0.714	0 12:09	1.63	10.7	-0.070
31056	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
31282	JUNCTION	0.150	0.250	0 12:02	1.54	3.54	0.165
31294	JUNCTION	0.133	0.618	0 12:02	1.51	7.02	0.393
31330	JUNCTION	0.000	0.193	0 12:02	0	0.79	0.038
31346	JUNCTION	0.023	0.294	0 12:03	0.202	2.19	0.302
31478	JUNCTION	0.015	0.116	0 12:01	0.0959	0.465	0.392
31499	JUNCTION	0.130	0.159	0 12:00	0.995	1.3	0.637
31616	JUNCTION	0.004	0.307	0 12:00	0.0563	4.28	-0.018
31659	JUNCTION	0.064	2.142	0 13:12	0.529	42.1	0.009
31679	JUNCTION	0.000	1.878	0 13:20	0	37.4	0.001

31692	JUNCTION	0.000	1.878	0	13:20	0	37.4	0.002
31717	JUNCTION	0.000	1.879	0	13:20	0	37.4	0.003
31727	JUNCTION	0.000	0.081	0	12:52	0	1.26	0.581
31735	JUNCTION	0.000	0.081	0	12:51	0	1.25	0.008
33004	JUNCTION	0.000	0.081	0	12:45	0	1.25	-0.012
33025	JUNCTION	0.000	0.081	0	12:47	0	1.25	0.036
33039	JUNCTION	0.000	0.081	0	12:49	0	1.25	0.013
33074	JUNCTION	0.000	0.081	0	12:53	0	1.25	0.023
33088	JUNCTION	0.000	0.080	0	12:54	0	1.25	0.083
33102	JUNCTION	0.000	0.080	0	12:58	0	1.25	-0.088
33116	JUNCTION	0.000	0.080	0	13:00	0	1.25	0.320
33130	JUNCTION	0.000	0.080	0	13:03	0	1.26	-0.158
33147	JUNCTION	0.000	1.880	0	13:18	0	37.4	0.002
33161	JUNCTION	0.000	1.879	0	13:18	0	37.4	0.002
35248	JUNCTION	0.000	0.021	0	12:08	0	0.356	0.043
35262	JUNCTION	0.000	0.024	0	12:01	0	0.356	0.009
J1	JUNCTION	0.000	1.880	0	13:17	0	37.4	0.002
J100	JUNCTION	0.037	0.177	0	12:01	0.266	1.4	-0.001
J1010	JUNCTION	0.130	1.510	0	12:56	1.11	25.6	-0.019
J102	JUNCTION	0.034	0.093	0	12:00	0.311	0.779	-0.034
J1036	JUNCTION	0.086	0.379	0	12:29	0.683	5.99	0.190
J109	JUNCTION	0.048	0.218	0	12:01	0.367	1.77	-0.053
J11	JUNCTION	0.000	1.176	0	12:48	0	16.1	0.051
J112	JUNCTION	0.086	0.086	0	12:00	0.887	0.887	-0.121
J114	JUNCTION	0.021	0.106	0	12:01	0.154	0.934	0.031
J1142	JUNCTION	0.235	0.235	0	12:00	2.06	2.06	-0.711
J116	JUNCTION	0.088	0.088	0	12:00	0.794	0.794	-0.015
J12	JUNCTION	0.067	0.234	0	12:03	0.741	2.77	0.072
J12_1	JUNCTION	0.000	0.004	0	12:00	0	0.00745	2.806
J1209	JUNCTION	0.069	1.263	0	13:24	0.617	23.4	0.012
J1210	JUNCTION	0.013	0.098	0	12:00	0.139	0.718	-0.176
J1212	JUNCTION	0.092	0.480	0	12:21	0.81	6.06	-0.123
J1213	JUNCTION	0.054	0.229	0	12:01	0.222	1.65	0.158
J1216	JUNCTION	0.046	0.851	0	12:55	0.395	13.1	0.007
J1219	JUNCTION	0.051	1.027	0	12:39	0.238	13.9	-0.009
J122	JUNCTION	0.019	0.735	0	12:28	0.24	9.1	0.036
J1222	JUNCTION	0.082	0.243	0	12:05	0.537	2.76	0.026
J1225	JUNCTION	0.019	0.302	0	12:14	0.217	3.59	-0.048
J1227	JUNCTION	0.041	0.260	0	12:02	0.162	2.42	0.009
J1229	JUNCTION	0.024	0.329	0	12:25	0.135	3.79	0.070
J1231	JUNCTION	0.062	0.678	0	12:23	0.525	8.25	0.030
J1232	JUNCTION	0.070	0.252	0	12:00	0.427	1.44	0.064
J1233	JUNCTION	0.153	3.457	0	13:09	1.4	62.9	0.020
J124	JUNCTION	0.019	0.019	0	12:00	0.115	0.115	0.018
J1240	JUNCTION	0.000	0.725	0	12:44	0	10.7	-0.001
J1241	JUNCTION	0.057	1.103	0	13:19	0.544	19.5	0.003
J1249	JUNCTION	0.215	1.218	0	13:21	2.02	22.2	-0.006
J1254	JUNCTION	0.036	0.809	0	12:51	0.205	12.3	0.005
J1258	JUNCTION	0.025	0.158	0	12:00	0.321	1.04	-0.934
J1259	JUNCTION	0.062	0.169	0	12:00	0.282	1.11	0.016
J126	JUNCTION	0.082	0.724	0	12:26	0.619	8.86	-0.035
J1260	JUNCTION	0.179	0.179	0	12:00	1.62	1.62	-0.076
J1268	JUNCTION	0.029	0.634	0	12:34	0.29	8.95	0.000
J1270	JUNCTION	0.020	1.130	0	13:20	0.0504	20.2	0.010
J1272	JUNCTION	0.142	0.383	0	12:00	0.59	3.04	-0.324
J1273	JUNCTION	0.000	0.740	0	12:31	0	9.29	-0.001
J1276	JUNCTION	0.286	0.286	0	12:00	2.27	2.27	-0.014
J1277	JUNCTION	0.000	0.459	0	12:06	0	4.46	0.015
J1278	JUNCTION	0.185	1.450	0	12:54	1.44	24.5	-0.004
J1279	JUNCTION	0.050	0.267	0	12:13	0.18	2.72	0.022
J1280	JUNCTION	0.067	0.424	0	12:04	0.28	3.57	-0.012
J1294	JUNCTION	0.047	0.732	0	12:43	0.301	10.6	0.009
J1299	JUNCTION	0.043	0.330	0	12:01	0.198	2.13	-0.091
J13	JUNCTION	0.067	0.067	0	12:00	0.614	0.614	-0.006
J1300	JUNCTION	0.026	0.203	0	12:05	0.133	1.83	0.621
J1301	JUNCTION	0.000	1.071	0	13:15	0	18.8	0.055
J1306	JUNCTION	0.000	0.312	0	12:03	0	2.7	0.033
J1308	JUNCTION	0.183	0.221	0	12:00	1.32	3.19	-0.082
J1314	JUNCTION	0.000	0.356	0	12:08	0	3.33	-0.155
J1318	JUNCTION	0.151	0.558	0	12:29	0.8	7.63	0.020
J1322	JUNCTION	0.145	0.145	0	12:00	1.23	1.23	-0.119
J1324	JUNCTION	0.048	0.593	0	12:16	0.348	6.92	0.033
J1325	JUNCTION	0.030	0.292	0	12:00	0.177	2.45	0.013
J1329	JUNCTION	0.124	1.224	0	12:49	0.43	18.5	0.006
J1330	JUNCTION	0.011	0.375	0	12:25	0.114	6.09	-0.019
J1331	JUNCTION	0.031	0.499	0	12:11	0.223	4.62	0.067
J1332	JUNCTION	0.058	1.010	0	13:09	0.689	17.3	0.019
J1334	JUNCTION	0.074	0.084	0	12:00	0.741	0.812	0.102
J1335	JUNCTION	0.163	1.174	0	13:15	1.37	12	0.110
J1338	JUNCTION	0.083	0.680	0	12:32	0.555	9.27	0.013
J1344	JUNCTION	0.016	0.923	0	12:33	0.217	12	0.027
J1348	JUNCTION	0.301	1.368	0	12:52	4.58	23	-0.002
J135	JUNCTION	0.022	0.049	0	12:13	0.194	0.228	-0.127
J1352	JUNCTION	0.137	1.886	0	12:59	1.77	33.5	0.010
J1355	JUNCTION	0.000	1.498	0	13:25	0	29.2	-0.002
J138	JUNCTION	0.113	0.208	0	12:01	0.768	1.7	0.026
J14	JUNCTION	0.120	0.297	0	12:21	0.672	3.92	0.044
J140	JUNCTION	0.084	0.234	0	12:08	0.604	2.31	-0.019
J142	JUNCTION	0.000	0.965	0	12:38	0	12.8	0.009
J15	JUNCTION	0.081	0.081	0	12:00	0.765	0.765	-1.010
J153	JUNCTION	0.000	0.103	0	12:00	0	0.752	-0.073
J159	JUNCTION	0.108	0.108	0	12:00	0.749	0.749	-0.017
J161	JUNCTION	0.032	0.032	0	12:00	0.233	0.233	-0.062
J165	JUNCTION	0.143	0.143	0	12:00	1.48	1.48	-0.073
J167	JUNCTION	0.106	0.122	0	12:00	0.472	0.587	-0.108
J169	JUNCTION	0.000	0.759	0	12:48	0	11.3	0.021
J17	JUNCTION	0.064	0.292	0	12:00	0.511	2.42	0.234
J172	JUNCTION	0.051	0.051	0	12:00	0.422	0.422	-0.137
J18	JUNCTION	0.230	0.425	0	12:16	1.24	5.16	-0.084
J19	JUNCTION	0.000	0.067	0	12:14	4.57e-05	0.0936	10.019
J190	JUNCTION	0.043	0.330	0	12:30	0.242	4.03	-0.005
J199	JUNCTION	0.000	0.035	0	12:01	0	0.233	0.051
J2	JUNCTION	0.000	1.819	0	13:18	0	36.1	0.017

J20	JUNCTION	0.148	0.205	0	12:00	1.14	1.76	0.013
J201	JUNCTION	0.026	0.341	0	12:31	0.236	4.26	0.014
J205	JUNCTION	0.103	0.718	0	12:37	0.814	10.1	0.092
J209	JUNCTION	0.020	0.857	0	12:58	0.134	13.2	0.011
J21	JUNCTION	0.000	0.097	0	12:43	0	1.21	-0.647
J217	JUNCTION	0.056	0.111	0	12:00	0.364	0.784	-0.036
J219	JUNCTION	0.020	0.268	0	12:18	0.145	2.87	-0.057
J221	JUNCTION	0.073	1.175	0	12:54	0.752	17.1	0.058
J225	JUNCTION	0.062	0.062	0	12:00	0.42	0.42	0.134
J227	JUNCTION	0.027	0.027	0	12:00	0.117	0.117	-0.138
J229	JUNCTION	0.048	0.048	0	12:00	0.266	0.266	-0.029
J23	JUNCTION	0.040	0.262	0	12:01	0.0988	2.51	0.677
J232	JUNCTION	0.058	0.058	0	12:00	0.412	0.412	0.017
J241	JUNCTION	0.063	0.107	0	12:00	0.642	0.908	-0.072
J25	JUNCTION	0.624	0.624	0	12:00	2.1	2.1	-2.227
J254	JUNCTION	0.051	0.051	0	12:00	0.281	0.281	-0.097
J273	JUNCTION	0.152	0.152	0	12:00	0.733	0.733	-0.127
J275	JUNCTION	0.045	0.167	0	12:02	0.229	1.71	0.010
J28	JUNCTION	0.045	0.231	0	12:03	0.237	2.73	0.096
J281	JUNCTION	0.057	0.110	0	12:00	0.187	0.598	-0.021
J283	JUNCTION	0.000	0.864	0	13:01	0	13.4	0.002
J294	JUNCTION	0.024	0.864	0	13:00	0.151	13.4	0.002
J299	JUNCTION	0.068	0.068	0	12:00	0.513	0.513	-0.233
J3	JUNCTION	0.000	2.465	0	13:27	0	31	0.005
J30	JUNCTION	0.104	0.104	0	12:00	0.757	0.757	-0.021
J304	JUNCTION	0.087	0.087	0	12:00	0.952	0.952	-0.023
J319	JUNCTION	0.075	0.234	0	12:13	0.451	3.21	0.044
J32	JUNCTION	0.000	0.245	0	12:18	0	2.99	0.093
J329	JUNCTION	0.025	0.025	0	12:00	0.154	0.154	-0.007
J35	JUNCTION	0.041	0.246	0	12:16	0.269	3	0.404
J355	JUNCTION	0.028	0.069	0	12:31	0.291	1.26	-0.050
J36	JUNCTION	0.000	0.374	0	12:04	0	3.51	0.251
J360	JUNCTION	0.075	0.075	0	12:00	0.578	0.578	-0.009
J362	JUNCTION	0.030	0.268	0	12:05	0.18	1.83	-0.004
J37	JUNCTION	0.165	0.165	0	12:00	1.17	1.17	-0.103
J372	JUNCTION	0.035	0.250	0	12:04	0.209	1.65	0.006
J384	JUNCTION	0.033	0.123	0	12:01	0.205	0.795	0.068
J39	JUNCTION	0.070	0.123	0	12:00	0.306	0.784	-0.077
J392	JUNCTION	0.098	0.098	0	12:00	0.626	0.626	-0.245
J394	JUNCTION	0.037	0.061	0	12:00	0.19	0.344	-0.052
J396	JUNCTION	0.045	0.100	0	12:00	0.246	0.59	-0.082
J398	JUNCTION	0.072	1.026	0	13:14	0.491	17.8	0.004
J4	JUNCTION	0.000	0.238	0	12:10	0	3.26	0.086
J41	JUNCTION	0.059	0.059	0	12:00	0.478	0.478	-0.009
J419	JUNCTION	0.067	0.310	0	12:07	0.548	2.38	-0.004
J43	JUNCTION	0.103	0.103	0	12:00	0.387	0.388	0.749
J443	JUNCTION	0.186	0.186	0	12:00	1.92	1.92	-0.083
J447	JUNCTION	0.038	0.109	0	12:00	0.252	0.83	0.001
J449	JUNCTION	0.000	0.190	0	12:14	0	1.76	-0.002
J451	JUNCTION	0.045	0.181	0	12:00	0.19	1.05	-0.005
J453	JUNCTION	0.020	0.190	0	12:13	0.12	1.76	0.004
J455	JUNCTION	0.131	0.131	0	12:00	0.828	0.828	-0.141
J46	JUNCTION	0.000	0.109	0	12:07	0	1.26	0.005
J462	JUNCTION	0.089	0.535	0	12:14	0.564	5.18	-0.011
J467	JUNCTION	0.027	0.143	0	12:00	0.198	0.858	-0.004
J47	JUNCTION	0.000	0.109	0	12:06	0	1.26	0.004
J472	JUNCTION	0.117	0.117	0	12:00	0.66	0.66	-0.005
J475	JUNCTION	0.018	0.190	0	12:01	0.0539	1.1	0.006
J479	JUNCTION	0.020	0.340	0	12:02	0.182	2.32	0.464
J48	JUNCTION	0.034	0.134	0	12:00	0.198	0.955	-0.030
J491	JUNCTION	0.081	1.177	0	13:02	0.412	17.5	0.014
J493	JUNCTION	0.048	0.048	0	12:00	0.409	0.409	-0.380
J5	JUNCTION	0.060	0.060	0	12:00	0.487	0.487	-0.406
J50	JUNCTION	0.105	0.507	0	12:04	0.323	4.39	-0.075
J51	JUNCTION	0.000	1.141	0	12:50	0	16.1	-0.003
J52	JUNCTION	0.020	0.108	0	12:02	0.185	1.1	0.193
J523	JUNCTION	0.028	1.182	0	13:06	0.319	17.8	0.071
J525	JUNCTION	0.055	0.489	0	12:13	0.468	5.72	0.129
J54	JUNCTION	0.040	0.040	0	12:00	0.235	0.235	0.035
J56	JUNCTION	0.015	0.124	0	12:02	0.187	0.972	-0.000
J562	JUNCTION	0.105	1.283	0	13:27	0.636	24.1	0.041
J576	JUNCTION	0.078	0.078	0	12:00	0.63	0.63	-0.012
J58	JUNCTION	0.044	0.054	0	12:00	0.258	0.312	-0.035
J580	JUNCTION	0.054	0.054	0	12:00	0.384	0.384	-0.996
J584	JUNCTION	0.090	0.577	0	12:34	0.481	8.11	-0.011
J59	JUNCTION	0.098	0.098	0	12:00	0.91	0.91	-0.158
J596	JUNCTION	0.076	0.076	0	12:00	0.553	0.553	-0.095
J598	JUNCTION	0.266	1.566	0	13:25	1.35	31	-0.013
J602	JUNCTION	0.018	0.018	0	12:00	0.154	0.154	-0.328
J61	JUNCTION	0.054	0.150	0	12:00	0.353	1.14	0.001
J611	JUNCTION	0.080	0.080	0	12:00	0.59	0.59	-0.282
J623	JUNCTION	0.053	0.053	0	12:00	0.398	0.398	-0.021
J63	JUNCTION	0.000	0.053	0	12:00	0	0.344	0.115
J633	JUNCTION	0.056	1.715	0	13:26	0.327	31.3	0.021
J644	JUNCTION	0.027	0.027	0	12:00	0.154	0.154	-0.270
J646	JUNCTION	0.082	0.138	0	12:00	0.561	1.17	-0.004
J650	JUNCTION	0.090	0.675	0	12:37	0.704	9.65	0.024
J658	JUNCTION	0.032	0.079	0	12:00	0.213	0.611	0.021
J66	JUNCTION	0.100	0.100	0	12:00	0.783	0.783	-0.006
J660	JUNCTION	0.032	0.061	0	12:02	0.179	0.63	-0.053
J664	JUNCTION	0.037	0.049	0	12:00	0.297	0.451	0.173
J668	JUNCTION	0.063	0.413	0	12:07	0.293	4.45	-0.105
J673	JUNCTION	0.071	1.609	0	13:27	0.348	31.7	0.001
J676	JUNCTION	0.000	0.701	0	12:41	0	10.2	0.004
J68	JUNCTION	0.091	0.091	0	12:00	0.8	0.8	-0.192
J684	JUNCTION	0.024	0.075	0	12:03	0.165	0.795	0.008
J686	JUNCTION	0.106	0.106	0	12:00	0.853	0.853	0.001
J693	JUNCTION	0.018	0.677	0	12:40	0.101	9.75	0.001
J7	JUNCTION	0.069	0.231	0	12:00	0.402	2.03	-0.061
J70	JUNCTION	0.013	1.146	0	12:51	0.162	16.3	-0.048
J703	JUNCTION	0.000	0.024	0	12:00	0	0.159	0.329
J710	JUNCTION	0.028	0.152	0	12:03	0.149	1.32	-0.013
J712	JUNCTION	0.046	0.703	0	12:41	0.481	10.2	-0.004

J718	JUNCTION	0.040	0.040	0	12:00	0.313	0.472	-0.019
J72	JUNCTION	0.000	0.245	0	12:04	0	2.42	-0.085
J720	JUNCTION	0.058	0.058	0	12:00	0.368	0.368	-0.123
J728	JUNCTION	0.026	0.129	0	12:00	0.155	1.01	-0.011
J737	JUNCTION	0.027	0.071	0	12:00	0.122	0.491	0.081
J744	JUNCTION	0.093	0.242	0	12:03	1.02	2.84	-0.024
J746	JUNCTION	0.020	0.166	0	12:03	0.164	1.55	0.015
J748	JUNCTION	0.036	0.186	0	12:04	0.271	1.82	-0.010
J75	JUNCTION	0.092	0.356	0	12:16	0.564	4.15	0.042
J757	JUNCTION	0.043	0.162	0	12:00	0.376	1.38	0.007
J76	JUNCTION	0.017	1.078	0	13:17	0.174	19	0.007
J761	JUNCTION	0.064	0.082	0	12:00	0.659	1.38	-0.003
J77	JUNCTION	0.054	0.054	0	12:00	0.344	0.344	-0.028
J777	JUNCTION	0.040	0.483	0	12:49	0.416	7.31	0.026
J779	JUNCTION	0.021	0.045	0	12:30	0.257	0.724	0.004
J797	JUNCTION	0.000	0.155	0	12:02	0	1.38	-0.015
J80	JUNCTION	0.032	0.032	0	12:00	0.19	0.19	-0.008
J803	JUNCTION	0.317	0.317	0	12:00	3.03	3.03	-0.067
J82	JUNCTION	0.044	0.133	0	12:00	0.521	0.936	-0.037
J834	JUNCTION	0.034	0.098	0	12:00	0.492	1.88	0.312
J84	JUNCTION	0.060	0.060	0	12:00	0.468	0.468	-0.007
J86	JUNCTION	0.017	0.242	0	12:12	0.097	2.45	0.060
J87	JUNCTION	0.007	0.469	0	12:43	0.122	6.89	0.008
J88	JUNCTION	0.089	0.965	0	12:36	0.894	12.8	-0.003
J9	JUNCTION	0.045	0.238	0	12:00	0.15	1.91	0.028
J9_1	JUNCTION	0.000	0.004	0	12:00	0	0.0105	-1.171
J90	JUNCTION	0.067	0.232	0	12:11	0.534	2.35	-0.074
J92	JUNCTION	0.093	0.093	0	12:00	0.415	0.415	-0.027
J923	JUNCTION	0.575	0.575	0	12:00	2.15	2.15	-0.600
J925	JUNCTION	0.015	0.085	0	12:01	0.175	0.967	0.126
J929	JUNCTION	0.219	0.381	0	12:00	2.11	5.3	-0.096
J95	JUNCTION	0.106	0.106	0	12:00	0.752	0.752	-0.060
J954	JUNCTION	0.000	0.012	0	12:31	0	0.047	0.202
J964	JUNCTION	0.030	0.030	0	12:00	0.097	0.119	1.405
NOF1_1	JUNCTION	1.101	1.395	0	13:27	3.69	19.3	-0.614
NOF1	OUTFALL	0.000	1.367	0	13:39	0	19.4	0.000
NOF2	OUTFALL	0.000	0.706	0	12:31	0	10.7	0.000
Outfall_A	OUTFALL	0.000	1.129	0	13:17	0	31.7	0.000
Outfall_B	OUTFALL	0.000	3.454	0	13:12	0	62.9	0.000

Node Surcharge Summary

Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Meters	Min. Depth Below Rim Meters
16472	JUNCTION	48.00	0.000	0.000
16555	JUNCTION	48.00	0.000	0.000
16641	JUNCTION	48.00	0.000	0.000
16799	JUNCTION	48.00	0.000	0.000
16876	JUNCTION	48.00	0.000	0.000
17114	JUNCTION	48.00	0.000	0.000
17196	JUNCTION	48.00	0.000	0.000
17319	JUNCTION	48.00	0.000	0.000
31056	JUNCTION	48.00	0.000	0.000

Node Flooding Summary

No nodes were flooded.

Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 10^6 ltr
NOF1	98.84	0.223	1.367	19.450
NOF2	99.55	0.117	0.706	10.718
Outfall_A	97.46	0.318	1.129	31.672
Outfall_B	95.97	0.685	3.454	62.884
System	97.96	1.343	6.350	124.724

Link Flow Summary

Link	Type	Maximum Flow CMS	Time of Max Occurrence days hr:min	Maximum Veloc m/sec	Max/ Full Flow	Max/ Full Depth
C10	CHANNEL	0.051	0 13:15	0.10	0.01	0.65
C102	CONDUIT	0.234	0 12:32	0.24	0.07	0.38
C103	CONDUIT	0.103	0 12:00	0.26	0.07	0.21
C105	CONDUIT	0.017	0 12:01	0.09	0.00	0.06
C112	CONDUIT	0.297	0 12:27	0.30	0.13	0.39
C113	CONDUIT	0.014	0 12:03	0.08	0.00	0.19
C116	CONDUIT	0.048	0 12:01	0.16	0.01	0.18
C118	CONDUIT	0.165	0 12:01	0.30	0.07	0.31

C12_1	CHANNEL	0.003	0	12:49	0.17	0.00	0.04
C124	CONDUIT	0.103	0	12:00	0.20	0.01	0.35
C128	CONDUIT	0.332	0	12:30	0.41	0.07	0.37
C13	CONDUIT	1.130	0	12:48	2.53	0.88	0.66
C131	CONDUIT	0.109	0	12:00	0.46	0.01	0.15
C132	CONDUIT	0.108	0	12:00	0.23	0.09	0.47
C134	CONDUIT	0.122	0	12:01	0.31	0.03	0.22
C135	CONDUIT	0.046	0	12:00	0.14	0.00	0.33
C137	CONDUIT	0.106	0	12:10	2.25	0.29	0.34
C138	CONDUIT	0.129	0	12:03	0.28	0.02	0.13
C14	CHANNEL	0.169	0	12:07	0.15	0.11	0.54
C142	CHANNEL	3.454	0	13:12	1.29	1.75	0.41
C144	CONDUIT	2.143	0	13:14	2.51	2.46	0.56
C145	CONDUIT	0.112	0	12:02	0.40	0.02	0.18
C147	CONDUIT	1.129	0	13:17	1.96	1.14	0.85
C15	CHANNEL	0.097	0	12:43	0.12	0.01	0.22
C153	CONDUIT	0.045	0	12:00	0.12	0.02	0.41
C155	CONDUIT	0.072	0	12:00	0.41	0.01	0.12
C156	CONDUIT	0.075	0	12:00	0.19	0.01	0.61
C159	CONDUIT	0.022	0	12:00	0.04	0.01	0.64
C16	CONDUIT	0.116	0	12:00	0.23	0.09	0.26
C163	CONDUIT	0.081	0	12:39	0.45	0.01	0.15
C165	CONDUIT	0.080	0	12:01	0.19	0.01	0.20
C167	CONDUIT	0.023	0	11:59	0.09	0.00	0.15
C17	CONDUIT	1.367	0	13:39	1.48	1.18	0.76
C172	CONDUIT	0.114	0	12:01	0.20	0.01	0.17
C176	CONDUIT	0.137	0	12:00	0.28	0.06	0.25
C180	CONDUIT	0.129	0	12:04	0.51	0.02	0.16
C186	CONDUIT	0.155	0	12:02	0.36	0.05	0.23
C189	CONDUIT	0.109	0	12:07	1.26	0.24	0.54
C190	CONDUIT	0.224	0	12:04	0.47	0.04	0.24
C196	CONDUIT	0.543	0	12:38	0.77	1.58	0.96
C199	CONDUIT	0.084	0	12:09	0.24	0.03	0.20
C2	CHANNEL	0.096	0	12:19	0.11	0.03	0.61
C20_1	CHANNEL	1.288	0	13:29	0.50	0.08	0.48
C20_2	CHANNEL	1.367	0	13:31	0.74	0.08	0.54
C200	CONDUIT	0.179	0	12:00	0.47	0.34	0.89
C202	CONDUIT	0.174	0	12:01	0.36	0.04	0.25
C207	CONDUIT	0.151	0	12:03	0.33	0.04	0.24
C21	CHANNEL	0.544	0	12:01	0.39	0.15	0.66
C213	CONDUIT	0.303	0	12:00	0.54	0.04	0.28
C213_1	CONDUIT	0.058	0	12:04	0.16	0.01	0.34
C213_3	CONDUIT	1.141	0	12:50	0.62	0.26	0.56
C213_4	CONDUIT	1.139	0	12:51	0.61	0.26	0.57
C214	CONDUIT	0.034	0	12:13	0.06	0.01	0.28
C218	CHANNEL	0.003	0	12:46	0.09	0.00	0.11
C22	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C221	CONDUIT	0.106	0	12:01	0.35	0.01	0.18
C223	CONDUIT	0.096	0	12:00	0.32	0.01	0.09
C225	CONDUIT	0.106	0	12:07	0.22	0.03	0.24
C226	CONDUIT	0.131	0	12:04	0.30	0.03	0.34
C23	CONDUIT	0.091	0	12:01	0.23	0.01	0.24
C230	CONDUIT	0.003	0	12:49	0.27	0.01	0.08
C231_1	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C231_2	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C233	CONDUIT	0.036	0	12:04	0.11	0.03	0.30
C234	CONDUIT	0.020	0	12:01	0.11	0.01	0.18
C239	CONDUIT	0.193	0	12:00	0.23	0.04	0.41
C24	CONDUIT	0.090	0	12:00	0.40	0.01	0.07
C241	CONDUIT	0.091	0	12:06	0.22	0.01	0.12
C245	CONDUIT	0.187	0	12:02	0.39	0.06	0.24
C248	CONDUIT	0.228	0	12:00	0.24	0.06	0.43
C25	CHANNEL	0.000	0	00:00	0.00	0.00	0.22
C251	CONDUIT	0.056	0	12:04	0.20	0.03	0.31
C256	CONDUIT	0.230	0	12:02	0.21	0.11	0.46
C259	CONDUIT	0.324	0	12:02	0.35	0.04	0.39
C26	CONDUIT	0.044	0	12:00	0.16	0.01	0.49
C262	CONDUIT	0.159	0	12:04	0.28	0.04	0.27
C263	CONDUIT	0.247	0	12:06	0.57	0.04	0.23
C266	CONDUIT	0.103	0	12:00	0.28	0.01	0.20
C267	CONDUIT	0.144	0	12:01	0.35	0.01	0.11
C268	CONDUIT	0.150	0	12:04	0.41	0.01	0.23
C27_1	CHANNEL	0.050	0	11:58	0.13	0.02	0.76
C27_2	CONDUIT	0.370	0	12:07	0.44	0.01	0.25
C271	CONDUIT	0.083	0	12:00	0.32	0.01	0.26
C272	CHANNEL	0.024	0	12:00	0.34	0.00	0.06
C275	CONDUIT	0.181	0	12:06	0.32	0.07	0.28
C276	CONDUIT	0.245	0	12:04	0.63	0.03	0.22
C277	CHANNEL	0.011	0	12:04	0.05	0.01	0.36
C279	CHANNEL	0.024	0	12:01	0.15	0.00	0.08
C282	CONDUIT	0.394	0	12:14	0.37	0.08	0.43
C283	CHANNEL	0.104	0	12:05	0.28	0.27	0.53
C284	CONDUIT	0.091	0	12:55	0.10	0.03	0.56
C285	CONDUIT	0.140	0	12:07	0.25	0.02	0.22
C287	CHANNEL	0.021	0	12:08	0.14	0.00	0.11
C287_1	CONDUIT	0.056	0	12:03	0.18	0.01	0.38
C287_2	CONDUIT	0.463	0	12:50	0.31	0.11	0.54
C288	CONDUIT	0.083	0	12:02	0.17	0.02	0.32
C289	CONDUIT	0.011	0	12:40	0.06	0.01	0.20
C29	CONDUIT	0.044	0	12:02	0.11	0.01	0.28
C291	CONDUIT	0.266	0	12:07	0.45	0.04	0.28
C292	CHANNEL	0.022	0	12:08	0.08	0.00	0.12
C294	CONDUIT	0.176	0	12:02	0.37	0.02	0.13
C297_1	CONDUIT	0.283	0	12:05	0.20	0.08	0.51
C299	CHANNEL	0.109	0	12:06	0.43	0.00	0.13
C3	CHANNEL	0.193	0	12:02	0.13	0.09	0.55
C3_1	CONDUIT	0.336	0	12:04	0.52	0.59	0.69
C300	CONDUIT	0.227	0	12:03	0.47	0.02	0.13
C304	CHANNEL	0.107	0	12:09	0.38	0.01	0.21
C305	CONDUIT	0.172	0	12:15	0.31	0.06	0.34
C308	CONDUIT	0.228	0	12:10	0.36	0.05	0.29
C309	CONDUIT	0.234	0	12:08	0.31	0.04	0.36
C31	CONDUIT	0.091	0	12:03	0.30	0.02	0.18

C310	CHANNEL	0.107	0	12:10	0.43	0.00	0.10
C311	CONDUIT	0.263	0	12:00	0.26	0.06	0.45
C313	CONDUIT	0.177	0	12:09	0.34	0.02	0.14
C314	CHANNEL	0.104	0	12:11	0.24	0.00	0.14
C319	CONDUIT	0.196	0	12:17	0.19	0.04	0.43
C32	CONDUIT	0.054	0	12:01	0.26	0.01	0.14
C320	CONDUIT	0.032	0	12:33	0.10	0.03	0.21
C322	CHANNEL	0.095	0	12:12	0.19	0.02	0.17
C324	CONDUIT	0.193	0	12:14	0.23	0.04	0.36
C326	CHANNEL	0.108	0	12:07	0.33	0.00	0.09
C327	CONDUIT	0.304	0	12:08	0.42	0.09	0.33
C329	CHANNEL	0.081	0	12:38	0.18	0.00	0.13
C33	CONDUIT	0.515	0	12:03	0.54	0.01	0.35
C331	CONDUIT	0.220	0	12:18	0.17	0.05	0.46
C333	CHANNEL	0.081	0	12:39	0.34	0.00	0.12
C334	CONDUIT	0.051	0	12:00	1.36	0.11	0.43
C335	CONDUIT	0.228	0	12:13	0.37	0.02	0.17
C338	CHANNEL	0.081	0	12:40	0.11	0.00	0.14
C339	CHANNEL	0.081	0	12:41	0.43	0.00	0.11
C34	CONDUIT	0.437	0	12:04	0.26	0.00	0.47
C340	CONDUIT	0.343	0	12:13	0.30	0.08	0.46
C341	CONDUIT	0.044	0	12:38	0.09	0.01	0.25
C344	CHANNEL	0.081	0	12:42	0.22	0.00	0.13
C346	CHANNEL	0.081	0	12:43	0.30	0.00	0.11
C349_1	CHANNEL	0.081	0	12:44	0.26	0.00	0.13
C349_2	CHANNEL	0.081	0	12:45	0.13	0.00	0.15
C35	CONDUIT	0.965	0	13:10	0.11	0.01	0.48
C350	CHANNEL	0.081	0	12:47	0.23	0.00	0.14
C352	CONDUIT	0.245	0	12:18	0.18	0.02	0.47
C353	CHANNEL	0.011	0	12:41	0.02	0.00	0.26
C354	CHANNEL	0.081	0	12:49	0.37	0.00	0.14
C355	CONDUIT	0.483	0	12:54	0.21	0.25	0.65
C356	CONDUIT	0.368	0	12:25	0.45	0.25	0.44
C359	CONDUIT	0.287	0	12:06	0.35	0.02	0.21
C36	CONDUIT	0.962	0	13:12	0.21	0.05	0.41
C360	CHANNEL	0.081	0	12:51	0.39	0.00	0.17
C361	CONDUIT	0.081	0	12:52	1.33	0.73	0.49
C363	CONDUIT	0.078	0	12:30	0.15	0.03	0.30
C365	CHANNEL	0.081	0	12:53	0.06	0.00	0.09
C367	CONDUIT	0.184	0	12:14	0.21	0.04	0.44
C371	CHANNEL	0.080	0	12:54	20.32	0.00	0.09
C372	CONDUIT	0.032	0	12:39	0.27	0.02	0.32
C374	CONDUIT	0.301	0	12:18	0.43	0.05	0.34
C375	CONDUIT	0.399	0	12:07	0.35	0.07	0.32
C376	CONDUIT	0.092	0	12:44	0.20	0.24	0.24
C377	CHANNEL	0.080	0	12:58	0.28	0.00	0.10
C378	CHANNEL	0.080	0	13:00	0.18	0.02	0.26
C379	CHANNEL	0.080	0	13:03	0.29	0.04	0.46
C38	CONDUIT	0.088	0	12:00	0.36	0.01	0.29
C381_1	CHANNEL	0.082	0	13:05	0.03	0.00	0.32
C381_2	CHANNEL	1.880	0	13:18	0.33	0.13	0.49
C384	CHANNEL	1.879	0	13:18	0.49	0.11	0.46
C385	CHANNEL	1.879	0	13:20	0.48	0.05	0.56
C388	CONDUIT	1.878	0	13:20	2.14	1.22	0.67
C391	CONDUIT	0.396	0	12:10	0.30	0.07	0.39
C397	CHANNEL	1.878	0	13:20	1.14	0.09	0.42
C398	CHANNEL	1.878	0	13:21	0.81	0.02	0.41
C399	CONDUIT	0.423	0	12:21	0.24	0.14	0.64
C4	CONDUIT	0.101	0	12:00	0.33	0.02	0.18
C40	CONDUIT	0.195	0	12:30	0.60	0.09	0.49
C401	CONDUIT	1.142	0	12:54	0.52	0.28	0.63
C403	CONDUIT	0.053	0	12:00	0.23	0.01	0.15
C405	CHANNEL	0.286	0	12:35	0.42	0.01	0.28
C408	CONDUIT	0.049	0	12:00	0.15	0.01	0.19
C409	CONDUIT	0.264	0	12:23	0.24	0.05	0.27
C41	CONDUIT	0.048	0	12:00	0.13	0.05	0.21
C413	CONDUIT	0.083	0	12:03	0.21	0.02	0.23
C416	CONDUIT	0.350	0	12:22	0.36	0.04	0.45
C42	CONDUIT	0.974	0	13:13	0.16	0.05	0.41
C420	CONDUIT	0.577	0	12:36	0.46	0.18	0.45
C423	CONDUIT	0.583	0	12:22	0.43	0.21	0.47
C425	CHANNEL	0.080	0	12:00	0.09	0.01	0.33
C429	CONDUIT	0.631	0	12:39	0.43	0.15	0.49
C43	CONDUIT	0.972	0	13:15	0.23	0.01	0.34
C432	CONDUIT	0.675	0	12:26	0.59	0.16	0.42
C433	CONDUIT	0.189	0	12:12	0.39	0.03	0.24
C435	CONDUIT	0.309	0	12:31	0.20	0.04	0.36
C437	CONDUIT	0.231	0	12:12	0.37	0.03	0.40
C438	CONDUIT	0.325	0	12:32	0.18	0.06	0.40
C439	CONDUIT	1.158	0	13:03	0.57	0.35	0.60
C44	CONDUIT	0.048	0	12:04	0.11	0.01	0.26
C444	CONDUIT	0.421	0	12:22	0.42	0.11	0.41
C445	CONDUIT	0.198	0	12:19	0.17	0.05	0.63
C447	CONDUIT	0.723	0	12:28	0.49	0.12	0.51
C448	CONDUIT	0.332	0	12:35	0.15	0.15	0.43
C451	CONDUIT	0.428	0	12:40	0.38	0.16	0.44
C452	CONDUIT	0.670	0	12:41	0.42	0.54	0.52
C455	CONDUIT	0.676	0	12:42	0.45	0.19	0.50
C457	CHANNEL	0.085	0	12:15	0.07	0.74	1.00
C458	CONDUIT	0.725	0	12:31	0.33	0.24	0.64
C460	CONDUIT	0.701	0	12:41	0.48	0.20	0.51
C465	CONDUIT	0.734	0	12:33	0.31	0.28	0.66
C466	CONDUIT	0.663	0	12:38	0.32	0.19	0.42
C468	CONDUIT	0.699	0	12:43	0.46	0.13	0.53
C469	CONDUIT	0.722	0	12:47	0.35	0.17	0.61
C47	CONDUIT	1.009	0	13:16	0.42	0.03	0.23
C472	CONDUIT	0.918	0	12:37	0.52	1.63	0.55
C475	CONDUIT	0.706	0	12:41	0.39	0.14	0.38
C478	CONDUIT	1.222	0	12:52	0.54	0.38	0.64
C481	CONDUIT	0.725	0	12:46	0.44	0.14	0.35
C485	CONDUIT	1.174	0	13:06	0.81	0.20	0.49
C486	CONDUIT	0.965	0	12:38	0.79	0.14	0.44
C49	CONDUIT	0.098	0	12:00	0.12	0.01	0.40

C490	CONDUIT	0.967	0	12:39	0.81	0.15	0.44			
C491	CONDUIT	1.179	0	13:09	0.63	0.18	0.57			
C498	CONDUIT	0.806	0	12:55	0.48	0.14	0.35			
C499	CONDUIT	1.021	0	12:40	0.69	0.13	0.53			
C5	CONDUIT	0.077	0	12:00	0.17	0.01	0.51			
C50	CHANNEL	1.007	0	13:19	0.33	0.36	0.73			
C505	CONDUIT	0.849	0	12:58	0.54	0.10	0.34			
C507	CONDUIT	1.366	0	12:56	0.65	0.32	0.61			
C513	CONDUIT	0.856	0	13:00	0.54	0.11	0.34			
C514	CHANNEL	0.192	0	12:44	0.09	0.11	0.78			
C517	CONDUIT	1.448	0	12:57	0.68	0.29	0.61			
C518	CONDUIT	0.864	0	13:01	0.53	0.09	0.34			
C52	CONDUIT	0.059	0	12:00	0.08	0.02	0.38			
C520	CONDUIT	0.068	0	12:37	0.10	0.00	0.36			
C521	CONDUIT	0.045	0	12:00	0.17	0.03	0.17			
C522	CONDUIT	0.863	0	13:03	0.42	0.12	0.41			
C524	CONDUIT	0.052	0	12:39	0.21	0.02	0.15			
C525	CHANNEL	0.439	0	12:33	0.33	0.05	0.31			
C525_3	CONDUIT	0.096	0	12:02	0.28	0.02	0.20			
C528	CONDUIT	1.507	0	12:59	0.60	0.34	0.70			
C53	CONDUIT	0.158	0	12:01	0.43	0.03	0.20			
C530	CONDUIT	1.004	0	13:15	0.39	0.19	0.48			
C535	CONDUIT	1.025	0	13:16	0.63	0.11	0.53			
C537_2	CONDUIT	1.078	0	13:19	0.65	0.25	0.53			
C537_3	CONDUIT	1.070	0	13:17	0.57	0.25	0.57			
C540	CONDUIT	0.024	0	12:00	0.14	0.01	0.12			
C541	CONDUIT	0.072	0	12:01	0.23	0.03	0.25			
C542	CONDUIT	0.058	0	12:01	0.25	0.01	0.15			
C543	CONDUIT	0.015	0	12:02	0.04	0.02	0.26			
C545	CONDUIT	0.092	0	12:01	0.24	0.02	0.26			
C546	CONDUIT	0.012	0	12:31	0.05	0.00	0.16			
C547	CONDUIT	0.090	0	12:02	0.15	0.03	0.35			
C548	CONDUIT	1.101	0	13:21	0.59	0.13	0.57			
C55	CONDUIT	0.055	0	12:00	0.31	0.01	0.12			
C550	CONDUIT	0.177	0	12:14	0.29	0.08	0.37			
C551	CONDUIT	1.128	0	13:23	0.45	0.35	0.68			
C552	CONDUIT	0.190	0	12:14	0.28	0.02	0.39			
C553_1	CONDUIT	0.190	0	12:15	0.16	0.06	0.44			
C553_2	CONDUIT	0.479	0	12:11	0.38	0.16	0.46			
C555	CONDUIT	0.489	0	12:15	0.38	0.23	0.47			
C556	CONDUIT	0.529	0	12:15	0.48	0.22	0.49			
C557	CONDUIT	1.258	0	13:28	0.41	0.42	0.76			
C558	CONDUIT	1.281	0	13:31	0.57	1.15	0.64			
C559	CONDUIT	1.497	0	13:27	0.89	0.20	0.55			
C560_1	CONDUIT	2.465	0	13:27	1.16	0.15	0.62			
C560_2	CONDUIT	1.702	0	13:27	0.65	0.35	0.70			
C561	CONDUIT	1.597	0	13:27	0.65	0.96	0.67			
C562_1	CONDUIT	1.609	0	13:27	0.81	1.62	0.59			
C562_2	CONDUIT	1.805	0	13:18	1.01	0.29	0.56			
C569	CONDUIT	0.140	0	12:00	0.36	0.02	0.25			
C57	CONDUIT	0.059	0	12:00	0.24	0.01	0.07			
C575	CHANNEL	0.137	0	12:04	0.30	0.01	0.20			
C58	CONDUIT	0.098	0	12:01	0.21	0.02	0.32			
C580	CHANNEL	0.000	0	00:00	0.00	0.00	0.13			
C584	CONDUIT	0.251	0	12:01	0.21	0.11	0.49			
C586	CONDUIT	0.369	0	12:22	0.32	0.06	0.59			
C587_1	CONDUIT	1.850	0	13:08	0.46	0.42	0.88			
C6	CONDUIT	0.038	0	12:00	0.14	0.01	0.19			
C60	CONDUIT	0.085	0	12:01	0.21	0.02	0.34			
C600	CONDUIT	0.126	0	12:02	0.31	0.03	0.22			
C609	CONDUIT	0.026	0	12:00	0.13	0.00	0.13			
C615	CONDUIT	0.245	0	12:20	0.32	0.08	0.33			
C617	CONDUIT	0.255	0	12:18	0.33	0.04	0.20			
C62	CONDUIT	0.140	0	12:01	0.33	0.03	0.23			
C621	CONDUIT	0.510	0	12:02	0.54	0.11	0.38			
C622	CONDUIT	0.757	0	12:52	0.43	0.12	0.36			
C624	CONDUIT	1.213	0	13:25	0.44	0.38	0.72			
C63_1	CHANNEL	0.101	0	12:47	0.08	0.00	0.25			
C66	CONDUIT	0.046	0	12:02	0.11	0.01	0.36			
C7	CONDUIT	0.051	0	12:02	0.16	0.01	0.24			
C7_1	CHANNEL	0.000	0	00:00	0.00	0.00	0.14			
C7_2	CHANNEL	0.010	0	12:06	0.26	0.00	0.19			
C70	CONDUIT	0.706	0	12:31	3.44	0.21	0.31			
C78	CHANNEL	1.167	0	13:21	0.29	0.10	0.48			
C79_1	CHANNEL	0.067	0	12:14	0.14	0.21	0.85			
C80	CONDUIT	0.105	0	12:12	2.09	0.46	0.44			
C81	CHANNEL	0.106	0	12:11	0.33	0.04	0.35			
C82	CONDUIT	0.087	0	12:01	0.31	0.01	0.08			
C83	CONDUIT	0.186	0	12:04	0.28	0.07	0.32			
C85	CONDUIT	0.066	0	12:04	0.19	0.04	0.19			
C88	CONDUIT	0.035	0	12:01	0.21	0.00	0.07			
C89	CONDUIT	0.037	0	11:57	0.11	0.02	0.55			
C9	CONDUIT	0.056	0	12:00	0.11	0.02	0.30			
C9_1	CHANNEL	0.003	0	12:55	0.04	0.00	0.07			
C9_2	CHANNEL	0.004	0	12:00	0.09	0.00	0.11			
C95	CONDUIT	0.198	0	12:17	0.28	0.08	0.36			
C96	CONDUIT	0.109	0	12:03	0.29	0.01	0.11			

Flow Classification Summary

Conduit	Adjusted /Actual Length	----- Fraction of Time in Flow Class -----								
		Up Dry	Down Dry	Sub Dry	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl	
C10	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.88	0.00
C102	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.72	0.00
C103	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
C105	1.00	0.13	0.10	0.00	0.76	0.00	0.00	0.00	0.85	0.00
C112	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.06	0.00

C485	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.35	0.00
C486	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.80	0.00
C49	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.10	0.00
C490	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.10	0.00
C491	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C498	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.00
C499	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
C5	1.00	0.00	0.20	0.00	0.80	0.00	0.00	0.00	0.89	0.00
C50	1.00	0.00	0.31	0.00	0.69	0.00	0.00	0.00	0.67	0.00
C505	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
C507	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.12	0.00
C513	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.09	0.00
C514	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.06	0.00
C517	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
C518	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.76	0.00
C52	1.00	0.00	0.13	0.00	0.87	0.00	0.00	0.00	0.48	0.00
C520	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C521	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.43	0.00
C522	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.97	0.00
C524	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.00
C525	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C525_3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
C528	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
C53	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.94	0.00
C530	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00
C535	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.66	0.00
C537_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.06	0.00
C537_3	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.68	0.00
C540	1.00	0.19	0.14	0.00	0.67	0.00	0.00	0.00	0.74	0.00
C541	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07	0.00
C542	1.00	0.03	0.17	0.00	0.80	0.00	0.00	0.00	0.95	0.00
C543	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C545	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.93	0.00
C546	1.00	0.00	0.51	0.00	0.49	0.00	0.00	0.00	0.70	0.00
C547	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.79	0.00
C548	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.91	0.00
C55	1.00	0.15	0.04	0.00	0.81	0.00	0.00	0.00	0.00	0.00
C550	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C551	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.87	0.00
C552	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.82	0.00
C553_1	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.63	0.00
C553_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.79	0.00
C555	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00
C556	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.32	0.00
C557	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.59	0.00
C558	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C559	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.37	0.00
C560_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.53	0.00
C560_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
C561	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C562_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C562_2	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.57	0.00
C569	1.00	0.00	0.15	0.00	0.85	0.00	0.00	0.00	0.98	0.00
C57	1.00	0.00	0.30	0.00	0.70	0.00	0.00	0.00	0.96	0.00
C575	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.15	0.00
C58	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.75	0.00
C580	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C584	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.41	0.00
C586	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
C587_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
C6	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C60	1.00	0.00	0.07	0.00	0.93	0.00	0.00	0.00	0.91	0.00
C600	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
C609	1.00	0.00	0.32	0.00	0.68	0.00	0.00	0.00	0.98	0.00
C615	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.00
C617	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.84	0.00
C62	1.00	0.00	0.06	0.00	0.94	0.00	0.00	0.00	0.96	0.00
C621	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
C622	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.97	0.00
C624	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.65	0.00
C63_1	1.00	0.00	0.55	0.00	0.45	0.00	0.00	0.00	0.50	0.00
C66	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C7	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
C7_1	1.00	0.25	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C7_2	1.00	0.25	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00
C70	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.28	0.00
C78	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C79_1	1.00	0.00	0.15	0.00	0.84	0.00	0.00	0.00	0.49	0.00
C80	1.00	0.07	0.00	0.00	0.62	0.31	0.00	0.00	0.76	0.00
C81	1.00	0.06	0.00	0.00	0.93	0.01	0.00	0.00	0.19	0.00
C82	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
C83	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
C85	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C88	1.00	0.12	0.11	0.00	0.77	0.00	0.00	0.00	0.34	0.00
C89	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.36	0.00
C9	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.00
C9_1	1.00	0.23	0.02	0.00	0.75	0.00	0.00	0.00	0.68	0.00
C9_2	1.00	0.00	0.23	0.00	0.77	0.00	0.00	0.00	0.26	0.00
C95	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.34	0.00
C96	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00

Conduit Surcharge Summary

Conduit	Hours Full			Hours	Hours
	Both Ends	Upstream	Dnstream	Above Full Normal Flow	Capacity Limited
C142	0.01	0.01	0.01	2.75	0.01
C144	0.01	0.01	0.01	4.38	0.01

C147	0.01	3.02	0.01	2.02	0.01
C17	0.01	0.01	0.01	1.29	0.01
C196	0.01	1.62	0.01	1.76	0.01
C200	0.01	0.01	1.40	0.01	0.01
C388	0.01	0.01	0.01	1.99	0.01
C457	0.83	0.83	1.51	0.01	0.01
C472	0.01	0.01	0.01	1.45	0.01
C558	0.01	0.01	0.01	1.23	0.01
C562_1	0.01	0.01	0.01	2.95	0.01
C587_1	0.01	0.01	2.05	0.01	0.01

Analysis begun on: Fri Jan 23 08:49:34 2026
Analysis ended on: Fri Jan 23 08:49:41 2026
Total elapsed time: 00:00:07



Appendix B-2: Pre-development 24h storm 2y event

Element Count

Number of rain gages 6
 Number of subcatchments ... 331
 Number of nodes 309
 Number of links 301
 Number of pollutants 0
 Number of land uses 0

Raingage Summary

Name	Data Source	Data Type	Recording Interval
SCS_Type_II_100y_24h_103.5mm	SCS_Type_II_100y_24h_103.5mm	INTENSITY	15 min.
SCS_Type_II_10y_24h_72mm	SCS_Type_II_10y_24h_72mm	INTENSITY	15 min.
SCS_Type_II_25y_24h_84mm	SCS_Type_II_25y_24h_84mm	INTENSITY	15 min.
SCS_Type_II_2y_24h_48mm	SCS_Type_II_2y_24h_48mm	INTENSITY	15 min.
SCS_Type_II_50y_24h_93.6mm	SCS_Type_II_50y_24h_93.6mm	INTENSITY	15 min.
SCS_Type_II_5y_24h_62.4mm	SCS_Type_II_5y_24h_62.4mm	INTENSITY	15 min.

Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
S1	0.87	91.30	5.00	0.6320	SCS_Type_II_2y_24h_48mm	J7
S10	0.32	35.64	5.00	5.3190	SCS_Type_II_2y_24h_48mm	J9
S100	1.77	160.02	5.00	1.1200	SCS_Type_II_2y_24h_48mm	30821
S101	0.30	30.19	5.00	0.4890	SCS_Type_II_2y_24h_48mm	J116
S102	0.43	23.97	5.00	0.5230	SCS_Type_II_2y_24h_48mm	J135
S103	0.69	67.71	5.00	0.3070	SCS_Type_II_2y_24h_48mm	J88
S104	0.25	38.66	5.00	0.2680	SCS_Type_II_2y_24h_48mm	J124
S105	1.98	122.70	5.00	0.1560	SCS_Type_II_2y_24h_48mm	30776
S106	0.49	38.92	5.00	0.9980	SCS_Type_II_2y_24h_48mm	J138
S107	0.84	41.54	5.00	0.2410	SCS_Type_II_2y_24h_48mm	J159
S108	0.60	75.89	5.00	1.5180	SCS_Type_II_2y_24h_48mm	J1280
S109	0.58	28.02	5.00	0.4250	SCS_Type_II_2y_24h_48mm	J140
S11	0.41	28.94	5.00	0.2640	SCS_Type_II_2y_24h_48mm	J13
S110	2.35	94.42	5.00	0.1720	SCS_Type_II_2y_24h_48mm	30690
S112	0.31	69.99	5.00	1.9710	SCS_Type_II_2y_24h_48mm	J95
S113	0.32	9.45	5.00	2.4980	SCS_Type_II_2y_24h_48mm	31499
S113_2	1.86	125.27	5.00	0.6210	SCS_Type_II_2y_24h_48mm	31499
S114	1.01	68.13	5.00	0.6250	SCS_Type_II_2y_24h_48mm	30846
S115	0.75	49.06	5.00	1.5410	SCS_Type_II_2y_24h_48mm	J140
S116	0.51	51.40	5.00	1.5860	SCS_Type_II_2y_24h_48mm	J1219
S117	3.54	177.10	5.00	3.4140	SCS_Type_II_2y_24h_48mm	31055
S118	0.34	20.14	5.00	0.2750	SCS_Type_II_2y_24h_48mm	J172
S119	3.45	216.09	5.00	0.2330	SCS_Type_II_2y_24h_48mm	31282
S12	0.51	18.49	5.00	0.8590	SCS_Type_II_2y_24h_48mm	J15
S120	0.59	48.09	5.00	0.4290	SCS_Type_II_2y_24h_48mm	J172
S121	0.47	33.02	5.00	0.4190	SCS_Type_II_2y_24h_48mm	J167
S122	0.83	46.73	5.00	0.4270	SCS_Type_II_2y_24h_48mm	J165
S123	5.00	314.22	5.00	0.6030	SCS_Type_II_2y_24h_48mm	J1276
S124	4.60	575.44	5.00	2.4150	SCS_Type_II_2y_24h_48mm	J923
S125	0.70	35.08	5.00	0.6390	SCS_Type_II_2y_24h_48mm	J165
S126	4.70	302.68	5.00	0.2800	SCS_Type_II_2y_24h_48mm	J929
S127	0.66	75.39	5.00	0.3870	SCS_Type_II_2y_24h_48mm	J1294
S128	0.57	60.27	5.00	1.1810	SCS_Type_II_2y_24h_48mm	16611
S129	6.47	354.61	5.00	0.4040	SCS_Type_II_2y_24h_48mm	J803
S13	0.96	56.74	5.00	0.4170	SCS_Type_II_2y_24h_48mm	J13
S130	0.52	68.05	5.00	0.0890	SCS_Type_II_2y_24h_48mm	J201
S131	0.38	40.31	5.00	0.0780	SCS_Type_II_2y_24h_48mm	J205
S132	3.03	217.92	5.00	0.3750	SCS_Type_II_2y_24h_48mm	J1335
S133	1.80	105.95	5.00	1.5280	SCS_Type_II_2y_24h_48mm	J455
S134	1.17	53.87	5.00	0.9520	SCS_Type_II_2y_24h_48mm	31659
S135	0.81	107.58	5.00	0.6970	SCS_Type_II_2y_24h_48mm	J159
S136	0.53	64.73	5.00	0.5350	SCS_Type_II_2y_24h_48mm	J190
S137	3.16	157.81	5.00	1.0340	SCS_Type_II_2y_24h_48mm	J1278
S138	0.29	41.38	5.00	0.3980	SCS_Type_II_2y_24h_48mm	J1229
S139	0.35	39.98	5.00	4.9840	SCS_Type_II_2y_24h_48mm	J1338
S14	0.45	23.28	5.00	3.6290	SCS_Type_II_2y_24h_48mm	J17
S140	0.51	55.29	5.00	0.2850	SCS_Type_II_2y_24h_48mm	J161
S141	0.85	33.53	5.00	0.3060	SCS_Type_II_2y_24h_48mm	J165
S142	0.80	48.47	5.00	0.1100	SCS_Type_II_2y_24h_48mm	16496
S143	0.37	16.98	5.00	0.1780	SCS_Type_II_2y_24h_48mm	J70
S144	0.56	56.83	5.00	0.6910	SCS_Type_II_2y_24h_48mm	J58
S145	1.67	112.02	5.00	0.1480	SCS_Type_II_2y_24h_48mm	J12
S146	0.49	22.84	5.00	1.1850	SCS_Type_II_2y_24h_48mm	J221
S147	10.88	217.58	5.00	0.3000	SCS_Type_II_2y_24h_48mm	J1348
S148	0.79	78.75	5.00	0.5050	SCS_Type_II_2y_24h_48mm	J217
S149	1.21	90.60	5.00	0.2190	SCS_Type_II_2y_24h_48mm	J1241
S15	0.59	26.07	5.00	2.3590	SCS_Type_II_2y_24h_48mm	J35
S150	0.29	64.66	5.00	1.6550	SCS_Type_II_2y_24h_48mm	J1279
S151	0.44	53.49	5.00	0.5110	SCS_Type_II_2y_24h_48mm	J1254
S152	0.89	34.08	5.00	0.3800	SCS_Type_II_2y_24h_48mm	J1338
S153	4.07	116.25	5.00	0.3900	SCS_Type_II_2y_24h_48mm	J1352
S154	0.71	51.71	5.00	0.5400	SCS_Type_II_2y_24h_48mm	J205
S155	0.70	28.42	5.00	1.9300	SCS_Type_II_2y_24h_48mm	J205
S156	1.09	62.68	5.00	0.2720	SCS_Type_II_2y_24h_48mm	J650
S157	1.03	131.85	5.00	0.8380	SCS_Type_II_2y_24h_48mm	J1318
S158	0.94	48.20	5.00	0.1890	SCS_Type_II_2y_24h_48mm	J165
S159	0.56	60.53	5.00	0.2710	SCS_Type_II_2y_24h_48mm	J225
S16	0.83	97.73	5.00	2.6180	SCS_Type_II_2y_24h_48mm	J43

S160	1.21	67.28	5.00	1.0650	SCS_Type_II_2y_24h_48mm	J596
S161	0.10	26.08	5.00	0.0780	SCS_Type_II_2y_24h_48mm	J1279
S162	0.44	33.74	5.00	0.4200	SCS_Type_II_2y_24h_48mm	J232
S163	0.28	26.59	5.00	0.4280	SCS_Type_II_2y_24h_48mm	J229
S164	3.60	138.48	5.00	1.0000	SCS_Type_II_2y_24h_48mm	J1260
S165	0.65	26.17	5.00	1.0600	SCS_Type_II_2y_24h_48mm	30723
S166	0.50	38.56	5.00	0.2420	SCS_Type_II_2y_24h_48mm	J1216
S167	0.38	28.63	5.00	0.4170	SCS_Type_II_2y_24h_48mm	J1216
S168	3.56	215.24	5.00	0.3210	SCS_Type_II_2y_24h_48mm	J1249
S168_1	0.13	3.60	5.00	1.1520	SCS_Type_II_2y_24h_48mm	J241
S168_2	1.31	37.06	5.00	1.1520	SCS_Type_II_2y_24h_48mm	J241
S169	0.32	24.29	5.00	0.5510	SCS_Type_II_2y_24h_48mm	J219
S17	0.69	24.26	5.00	0.3820	SCS_Type_II_2y_24h_48mm	J17
S170	0.36	36.64	5.00	0.5950	SCS_Type_II_2y_24h_48mm	J225
S177	0.29	38.73	5.00	0.9100	SCS_Type_II_2y_24h_48mm	J229
S179	0.54	29.15	5.00	2.3910	SCS_Type_II_2y_24h_48mm	J273
S18	0.60	26.40	5.00	1.9640	SCS_Type_II_2y_24h_48mm	J37
S183	0.32	25.27	5.00	3.2090	SCS_Type_II_2y_24h_48mm	J273
S185	0.32	23.19	5.00	2.1230	SCS_Type_II_2y_24h_48mm	J254
S186	0.46	50.39	5.00	0.3980	SCS_Type_II_2y_24h_48mm	J232
S19	0.64	21.19	5.00	0.4780	SCS_Type_II_2y_24h_48mm	J30
S190	0.46	25.63	5.00	0.5160	SCS_Type_II_2y_24h_48mm	J299
S192	0.25	18.37	5.00	4.1260	SCS_Type_II_2y_24h_48mm	J227
S195	0.29	33.98	5.00	0.3090	SCS_Type_II_2y_24h_48mm	J209
S197	0.33	42.92	5.00	0.3390	SCS_Type_II_2y_24h_48mm	J294
S2	2.45	122.50	5.00	0.7310	SCS_Type_II_2y_24h_48mm	J1010
S20	0.41	40.56	5.00	1.1040	SCS_Type_II_2y_24h_48mm	J30
S200	0.40	71.38	5.00	2.1180	SCS_Type_II_2y_24h_48mm	J281
S201	0.68	59.41	5.00	1.0920	SCS_Type_II_2y_24h_48mm	J398
S202	1.21	32.45	5.00	0.4710	SCS_Type_II_2y_24h_48mm	J304
S207	0.32	25.46	5.00	0.7920	SCS_Type_II_2y_24h_48mm	J299
S21	0.43	59.98	5.00	0.3790	SCS_Type_II_2y_24h_48mm	J48
S210	0.50	40.38	5.00	1.9640	SCS_Type_II_2y_24h_48mm	J273
S214	0.23	21.72	5.00	4.4940	SCS_Type_II_2y_24h_48mm	J273
S215	0.50	24.83	5.00	4.4320	SCS_Type_II_2y_24h_48mm	J275
S219	0.29	38.83	5.00	0.3410	SCS_Type_II_2y_24h_48mm	J254
S22	0.51	69.55	5.00	0.5350	SCS_Type_II_2y_24h_48mm	J28
S220	0.74	26.01	5.00	0.2500	SCS_Type_II_2y_24h_48mm	J1258
S221_3	0.36	25.01	5.00	0.5820	SCS_Type_II_2y_24h_48mm	J299
S223_2	0.34	26.96	5.00	0.8420	SCS_Type_II_2y_24h_48mm	J329
S224	0.66	62.75	5.00	0.1370	SCS_Type_II_2y_24h_48mm	J319
S225	0.72	19.79	5.00	0.0610	SCS_Type_II_2y_24h_48mm	J221
S23	0.74	27.50	5.00	1.0850	SCS_Type_II_2y_24h_48mm	J37
S230	1.17	92.50	5.00	0.7680	SCS_Type_II_2y_24h_48mm	J1222
S234_1	0.54	26.43	5.00	0.6910	SCS_Type_II_2y_24h_48mm	J221
S24	0.21	35.68	5.00	16.0510	SCS_Type_II_2y_24h_48mm	J23
S241	0.93	64.10	5.00	1.2370	SCS_Type_II_2y_24h_48mm	J1232
S242	1.80	44.10	5.00	6.1590	SCS_Type_II_2y_24h_48mm	J1233
S245	0.53	56.28	5.00	0.1290	SCS_Type_II_2y_24h_48mm	J1332
S247_1	0.84	36.54	5.00	1.0490	SCS_Type_II_2y_24h_48mm	J392
S25	0.34	31.27	5.00	1.8320	SCS_Type_II_2y_24h_48mm	J37
S26	0.26	47.59	5.00	0.3880	SCS_Type_II_2y_24h_48mm	J30
S260_1	0.13	8.13	5.00	0.6060	SCS_Type_II_2y_24h_48mm	J360
S260_2	0.76	47.23	5.00	0.6060	SCS_Type_II_2y_24h_48mm	J360
S262	0.45	45.40	5.00	0.6740	SCS_Type_II_2y_24h_48mm	J372
S268	0.33	28.73	5.00	6.0690	SCS_Type_II_2y_24h_48mm	J319
S269_1	0.53	51.00	5.00	1.6780	SCS_Type_II_2y_24h_48mm	J392
S27	0.48	37.17	5.00	0.7660	SCS_Type_II_2y_24h_48mm	J37
S272	0.53	91.99	5.00	0.2890	SCS_Type_II_2y_24h_48mm	J396
S276	0.41	58.61	5.00	0.5570	SCS_Type_II_2y_24h_48mm	J394
S278	1.05	31.78	5.00	0.2060	SCS_Type_II_2y_24h_48mm	J1332
S278_4	0.00	0.00	5.00	0.2060	SCS_Type_II_2y_24h_48mm	J1332
S28	0.46	31.38	5.00	0.0150	SCS_Type_II_2y_24h_48mm	17000
S285	0.46	28.17	5.00	0.2390	SCS_Type_II_2y_24h_48mm	J304
S288	1.08	44.90	5.00	0.7430	SCS_Type_II_2y_24h_48mm	J419
S29	0.66	67.92	5.00	1.9020	SCS_Type_II_2y_24h_48mm	J39
S290	0.40	107.84	5.00	0.0080	SCS_Type_II_2y_24h_48mm	J398
S291	0.39	35.67	5.00	0.7780	SCS_Type_II_2y_24h_48mm	J362
S3	4.96	176.97	5.00	0.5720	SCS_Type_II_2y_24h_48mm	30961
S30	0.36	19.05	5.00	0.6370	SCS_Type_II_2y_24h_48mm	J30
S300_1	0.37	30.38	5.00	0.5480	SCS_Type_II_2y_24h_48mm	J360
S301	0.45	58.27	5.00	0.3320	SCS_Type_II_2y_24h_48mm	J384
S304	0.43	39.77	5.00	0.3800	SCS_Type_II_2y_24h_48mm	J467
S307	0.55	36.71	5.00	0.9950	SCS_Type_II_2y_24h_48mm	J447
S309	0.48	74.25	5.00	1.0460	SCS_Type_II_2y_24h_48mm	J1213
S31	0.37	37.85	5.00	0.3240	SCS_Type_II_2y_24h_48mm	J41
S310	0.14	41.49	5.00	0.2880	SCS_Type_II_2y_24h_48mm	J419
S313	0.48	31.48	5.00	0.4800	SCS_Type_II_2y_24h_48mm	J304
S314	0.32	24.78	5.00	2.4090	SCS_Type_II_2y_24h_48mm	J491
S315	0.84	31.75	5.00	0.5610	SCS_Type_II_2y_24h_48mm	J462
S316	0.30	10.26	5.00	0.6600	SCS_Type_II_2y_24h_48mm	J491
S317	0.26	35.42	5.00	0.3510	SCS_Type_II_2y_24h_48mm	J453
S318	0.47	36.12	5.00	0.5950	SCS_Type_II_2y_24h_48mm	J472
S32	0.83	36.19	5.00	0.6070	SCS_Type_II_2y_24h_48mm	J59
S328	0.96	69.53	5.00	2.1670	SCS_Type_II_2y_24h_48mm	J472
S33	0.69	50.36	5.00	0.3050	SCS_Type_II_2y_24h_48mm	J41
S330	0.79	63.77	5.00	0.1830	SCS_Type_II_2y_24h_48mm	J525
S334	0.39	43.11	5.00	0.0820	SCS_Type_II_2y_24h_48mm	J76
S335	0.90	56.71	5.00	0.4830	SCS_Type_II_2y_24h_48mm	J493
S336	0.61	128.30	5.00	0.3930	SCS_Type_II_2y_24h_48mm	J1259
S339	0.21	26.92	5.00	0.7310	SCS_Type_II_2y_24h_48mm	J1331
S34	0.39	29.74	5.00	0.3330	SCS_Type_II_2y_24h_48mm	J37
S340	0.11	46.10	5.00	0.7570	SCS_Type_II_2y_24h_48mm	J475
S341	0.43	61.81	5.00	0.7540	SCS_Type_II_2y_24h_48mm	J1299
S345	0.41	54.43	5.00	1.3180	SCS_Type_II_2y_24h_48mm	J451
S35	0.40	37.73	5.00	0.2180	SCS_Type_II_2y_24h_48mm	J54
S350_4	1.07	63.79	5.00	0.6090	SCS_Type_II_2y_24h_48mm	J5
S355	0.41	93.73	5.00	0.8730	SCS_Type_II_2y_24h_48mm	J462
S357	0.25	32.13	5.00	0.3310	SCS_Type_II_2y_24h_48mm	J525
S36	0.64	32.73	5.00	1.2270	SCS_Type_II_2y_24h_48mm	J75
S362	0.28	57.30	5.00	0.0210	SCS_Type_II_2y_24h_48mm	J1331
S365	0.40	21.52	5.00	0.5010	SCS_Type_II_2y_24h_48mm	J479
S368	0.27	45.45	5.00	2.0220	SCS_Type_II_2y_24h_48mm	J491

S37	0.57	37.57	5.00	0.7060	SCS_Type_II_2y_24h_48mm	J59
S372	0.65	41.62	5.00	1.1330	SCS_Type_II_2y_24h_48mm	J1318
S375	0.25	17.70	5.00	0.6920	SCS_Type_II_2y_24h_48mm	J523
S38	0.56	43.82	5.00	0.6240	SCS_Type_II_2y_24h_48mm	J66
S384	0.83	41.01	5.00	5.1870	SCS_Type_II_2y_24h_48mm	J562
S39	0.49	29.44	5.00	0.1630	SCS_Type_II_2y_24h_48mm	J1225
S391	0.71	66.19	5.00	0.0550	SCS_Type_II_2y_24h_48mm	J1209
S392	0.94	80.12	5.00	0.2450	SCS_Type_II_2y_24h_48mm	J1249
S395	0.60	17.89	5.00	0.0070	SCS_Type_II_2y_24h_48mm	J523
S399	1.42	22.59	5.00	0.2620	SCS_Type_II_2y_24h_48mm	J1233
S4	4.29	171.71	5.00	0.5560	SCS_Type_II_2y_24h_48mm	J443
S40	0.41	41.88	5.00	0.1430	SCS_Type_II_2y_24h_48mm	J52
S403	0.48	97.79	5.00	0.7300	SCS_Type_II_2y_24h_48mm	J584
S405	0.11	55.66	5.00	1.6290	SCS_Type_II_2y_24h_48mm	J1270
S406	0.56	22.88	5.00	0.8010	SCS_Type_II_2y_24h_48mm	J562
S408	0.49	39.78	5.00	1.2860	SCS_Type_II_2y_24h_48mm	J580
S409	0.05	28.16	5.00	0.1780	SCS_Type_II_2y_24h_48mm	J1318
S41	1.05	24.29	5.00	0.4350	SCS_Type_II_2y_24h_48mm	J116
S411	0.57	38.31	5.00	0.5650	SCS_Type_II_2y_24h_48mm	J584
S417	0.66	63.34	5.00	0.4020	SCS_Type_II_2y_24h_48mm	J1209
S419	0.76	71.73	5.00	2.7970	SCS_Type_II_2y_24h_48mm	J598
S42	0.70	17.02	5.00	2.9960	SCS_Type_II_2y_24h_48mm	J15
S421	0.71	50.65	5.00	1.3600	SCS_Type_II_2y_24h_48mm	J633
S423_2	0.22	14.92	5.00	0.5620	SCS_Type_II_2y_24h_48mm	J602
S426_2	0.12	6.54	5.00	0.2610	SCS_Type_II_2y_24h_48mm	J602
S428	0.42	34.89	5.00	0.3030	SCS_Type_II_2y_24h_48mm	J611
S429	0.43	70.10	5.00	0.3560	SCS_Type_II_2y_24h_48mm	J611
S43	1.16	53.26	5.00	0.9520	SCS_Type_II_2y_24h_48mm	J66
S431	0.44	27.59	5.00	0.9150	SCS_Type_II_2y_24h_48mm	J598
S437	0.65	84.61	5.00	0.0600	SCS_Type_II_2y_24h_48mm	J1268
S439	0.41	37.53	5.00	0.5500	SCS_Type_II_2y_24h_48mm	J623
S44	0.67	45.06	5.00	0.4680	SCS_Type_II_2y_24h_48mm	J68
S443	0.36	18.02	5.00	0.1700	SCS_Type_II_2y_24h_48mm	J580
S445_2	0.00	0.00	5.00	0.4820	SCS_Type_II_2y_24h_48mm	J19
S445_3	0.00	0.01	5.00	0.4820	SCS_Type_II_2y_24h_48mm	J19
S446	0.44	26.67	5.00	0.2710	SCS_Type_II_2y_24h_48mm	J611
S447	0.65	49.88	5.00	0.3830	SCS_Type_II_2y_24h_48mm	J664
S448	0.36	25.30	5.00	1.4260	SCS_Type_II_2y_24h_48mm	J646
S45	0.12	106.36	5.00	0.1380	SCS_Type_II_2y_24h_48mm	J54
S458	0.65	35.75	5.00	0.5840	SCS_Type_II_2y_24h_48mm	J598
S46	0.31	21.33	5.00	0.1480	SCS_Type_II_2y_24h_48mm	J1210
S464_2	0.00	0.00	5.00	0.2110	SCS_Type_II_2y_24h_48mm	J19
S467	0.39	41.44	5.00	0.6790	SCS_Type_II_2y_24h_48mm	J660
S469	0.47	55.53	5.00	0.1340	SCS_Type_II_2y_24h_48mm	J623
S47	0.62	36.30	5.00	0.1880	SCS_Type_II_2y_24h_48mm	J59
S476	0.47	43.76	5.00	0.5100	SCS_Type_II_2y_24h_48mm	J658
S478	1.08	67.12	5.00	0.2170	SCS_Type_II_2y_24h_48mm	J712
S479	0.32	31.00	5.00	1.1100	SCS_Type_II_2y_24h_48mm	J710
S48	0.59	71.23	5.00	0.6840	SCS_Type_II_2y_24h_48mm	J75
S481	0.60	27.05	5.00	0.1950	SCS_Type_II_2y_24h_48mm	J686
S487	0.46	60.83	5.00	0.7140	SCS_Type_II_2y_24h_48mm	J650
S49	0.30	46.87	5.00	0.5050	SCS_Type_II_2y_24h_48mm	J77
S492	0.61	32.72	5.00	2.5170	SCS_Type_II_2y_24h_48mm	J686
S493	0.87	66.80	5.00	0.5230	SCS_Type_II_2y_24h_48mm	J646
S494	0.75	66.85	5.00	1.6750	SCS_Type_II_2y_24h_48mm	J673
S495	0.33	29.77	5.00	1.5320	SCS_Type_II_2y_24h_48mm	J720
S497	0.33	35.72	5.00	0.6640	SCS_Type_II_2y_24h_48mm	J644
S498	0.36	38.00	5.00	0.3380	SCS_Type_II_2y_24h_48mm	J684
S499	0.28	20.27	5.00	0.3360	SCS_Type_II_2y_24h_48mm	J686
S5	2.90	288.71	5.00	0.3370	SCS_Type_II_2y_24h_48mm	J1308
S50	0.43	29.77	5.00	0.0800	SCS_Type_II_2y_24h_48mm	J56
S503	0.67	30.24	5.00	0.3080	SCS_Type_II_2y_24h_48mm	J744
S504_2	0.30	19.30	5.00	0.0140	SCS_Type_II_2y_24h_48mm	J87
S506	0.60	59.41	5.00	0.2870	SCS_Type_II_2y_24h_48mm	J748
S51	0.69	28.25	5.00	0.7750	SCS_Type_II_2y_24h_48mm	J68
S513	0.69	65.97	5.00	0.2720	SCS_Type_II_2y_24h_48mm	J718
S514_3	0.13	4.85	5.00	0.1590	SCS_Type_II_2y_24h_48mm	31616
S516	0.38	22.07	5.00	0.6130	SCS_Type_II_2y_24h_48mm	J777
S517	0.63	80.79	5.00	0.9730	SCS_Type_II_2y_24h_48mm	J668
S518	0.36	44.92	5.00	0.1290	SCS_Type_II_2y_24h_48mm	J746
S52	0.45	36.02	5.00	0.3780	SCS_Type_II_2y_24h_48mm	J77
S520	0.34	53.31	5.00	0.2730	SCS_Type_II_2y_24h_48mm	J728
S522	0.22	36.51	5.00	0.2780	SCS_Type_II_2y_24h_48mm	J693
S527	0.47	44.46	5.00	0.2580	SCS_Type_II_2y_24h_48mm	J720
S528	0.40	58.33	5.00	0.0840	SCS_Type_II_2y_24h_48mm	J686
S53	0.35	48.46	5.00	1.4960	SCS_Type_II_2y_24h_48mm	J1227
S536	1.11	30.22	5.00	0.3290	SCS_Type_II_2y_24h_48mm	J744
S538	0.92	164.44	5.00	1.6270	SCS_Type_II_2y_24h_48mm	J1329
S539	0.80	34.77	5.00	0.1910	SCS_Type_II_2y_24h_48mm	J761
S54	0.55	50.14	5.00	0.6790	SCS_Type_II_2y_24h_48mm	J90
S540	0.58	62.40	5.00	0.0380	SCS_Type_II_2y_24h_48mm	J779
S543	0.07	24.28	5.00	1.2530	SCS_Type_II_2y_24h_48mm	J737
S544	0.19	32.95	5.00	0.2460	SCS_Type_II_2y_24h_48mm	J737
S547	0.65	29.78	5.00	0.4320	SCS_Type_II_2y_24h_48mm	J355
S549	0.56	21.62	5.00	0.2060	SCS_Type_II_2y_24h_48mm	J777
S55	0.41	46.29	5.00	0.1270	SCS_Type_II_2y_24h_48mm	J68
S552	0.34	33.67	5.00	0.2580	SCS_Type_II_2y_24h_48mm	J757
S553	0.53	90.96	5.00	0.0930	SCS_Type_II_2y_24h_48mm	J744
S56	0.62	22.70	5.00	0.5070	SCS_Type_II_2y_24h_48mm	J109
S560	0.39	92.23	5.00	0.0100	SCS_Type_II_2y_24h_48mm	J761
S562	0.29	50.52	5.00	0.1890	SCS_Type_II_2y_24h_48mm	J761
S566	0.49	51.47	5.00	0.1060	SCS_Type_II_2y_24h_48mm	J757
S57	0.29	40.88	5.00	0.5720	SCS_Type_II_2y_24h_48mm	J1300
S58	0.38	51.30	5.00	1.9440	SCS_Type_II_2y_24h_48mm	J92
S585	0.47	19.24	5.00	0.0070	SCS_Type_II_2y_24h_48mm	J834
S59	0.41	28.95	5.00	0.2850	SCS_Type_II_2y_24h_48mm	J84
S590	0.26	21.77	5.00	0.1860	SCS_Type_II_2y_24h_48mm	J803
S594	0.74	44.78	5.00	0.0790	SCS_Type_II_2y_24h_48mm	J834
S6	0.49	14.99	5.00	0.8560	SCS_Type_II_2y_24h_48mm	J15
S60	0.77	67.67	5.00	0.6320	SCS_Type_II_2y_24h_48mm	J61
S61	1.18	43.32	5.00	0.3710	SCS_Type_II_2y_24h_48mm	J82
S617	0.35	26.68	5.00	1.9940	SCS_Type_II_2y_24h_48mm	S658
S62	0.85	34.65	5.00	0.4530	SCS_Type_II_2y_24h_48mm	J88

S627	0.40	137.88	5.00	0.0040	SCS_Type_II_2y_24h_48mm	J925
S63	0.58	37.90	5.00	0.7960	SCS_Type_II_2y_24h_48mm	J100
S634	0.54	37.24	5.00	0.4060	SCS_Type_II_2y_24h_48mm	J1334
S64	0.35	46.47	5.00	0.0670	SCS_Type_II_2y_24h_48mm	J1231
S65	1.36	57.33	5.00	0.4840	SCS_Type_II_2y_24h_48mm	J95
S658	0.75	42.70	5.00	0.5340	SCS_Type_II_2y_24h_48mm	J1334
S66	0.76	56.61	5.00	0.6060	SCS_Type_II_2y_24h_48mm	J1324
S665	0.21	22.74	5.00	0.4470	SCS_Type_II_2y_24h_48mm	31478
S67	0.28	22.16	5.00	0.6570	SCS_Type_II_2y_24h_48mm	J80
S68	0.37	34.04	5.00	0.3990	SCS_Type_II_2y_24h_48mm	J84
S682_1	0.21	38.29	5.00	2.0310	SCS_Type_II_2y_24h_48mm	J964
S689	0.45	45.80	5.00	0.1490	SCS_Type_II_2y_24h_48mm	31346
S69	0.73	65.27	5.00	0.4390	SCS_Type_II_2y_24h_48mm	J126
S699	0.62	16.85	5.00	10.6170	SCS_Type_II_2y_24h_48mm	J1036
S7	1.52	51.08	5.00	0.9010	SCS_Type_II_2y_24h_48mm	J20
S70	0.26	41.19	5.00	0.1380	SCS_Type_II_2y_24h_48mm	J84
S71	0.63	25.07	5.00	0.4700	SCS_Type_II_2y_24h_48mm	J90
S72	0.69	43.06	5.00	0.3730	SCS_Type_II_2y_24h_48mm	J102
S729	0.89	39.13	5.00	0.3260	SCS_Type_II_2y_24h_48mm	J1036
S73	4.56	340.05	5.00	0.3000	SCS_Type_II_2y_24h_48mm	J1142
S73_1	4.49	286.97	5.00	14.7780	SCS_Type_II_2y_24h_48mm	J25
S73_2	7.89	504.00	5.00	15.0970	SCS_Type_II_2y_24h_48mm	NOF1_1
S74	0.51	55.93	5.00	0.9320	SCS_Type_II_2y_24h_48mm	J92
S745	0.27	61.98	5.00	0.0740	SCS_Type_II_2y_24h_48mm	J1272
S75	3.81	255.41	5.00	0.2070	SCS_Type_II_2y_24h_48mm	30475
S76	0.21	35.04	5.00	0.2960	SCS_Type_II_2y_24h_48mm	J86
S764	0.25	52.78	5.00	0.0240	SCS_Type_II_2y_24h_48mm	J1330
S765_2	0.06	20.27	5.00	3.1850	SCS_Type_II_2y_24h_48mm	J1272
S765_4	0.37	127.84	5.00	3.1850	SCS_Type_II_2y_24h_48mm	J1272
S769	0.39	58.03	5.00	0.2960	SCS_Type_II_2y_24h_48mm	J1325
S77	0.20	12.26	5.00	7.4430	SCS_Type_II_2y_24h_48mm	J109
S78	1.15	68.18	5.00	0.4190	SCS_Type_II_2y_24h_48mm	J112
S79	0.51	59.05	5.00	0.0160	SCS_Type_II_2y_24h_48mm	J1344
S8	0.51	36.68	5.00	1.3650	SCS_Type_II_2y_24h_48mm	J20
S80	2.72	189.65	5.00	0.3850	SCS_Type_II_2y_24h_48mm	J1322
S807	0.57	53.81	5.00	0.4460	SCS_Type_II_2y_24h_48mm	30821
S81	1.39	109.48	5.00	0.3580	SCS_Type_II_2y_24h_48mm	J576
S81_2	0.58	50.17	5.00	0.8680	SCS_Type_II_2y_24h_48mm	J1272
S82	0.55	120.70	5.00	1.5610	SCS_Type_II_2y_24h_48mm	J167
S83	0.14	63.52	5.00	0.0660	SCS_Type_II_2y_24h_48mm	J80
S84	0.81	68.86	5.00	0.3020	SCS_Type_II_2y_24h_48mm	J1231
S85	0.26	26.93	5.00	0.2590	SCS_Type_II_2y_24h_48mm	16677
S86	0.56	24.26	5.00	2.2080	SCS_Type_II_2y_24h_48mm	J138
S87	3.41	170.43	5.00	0.2400	SCS_Type_II_2y_24h_48mm	31294
S88	0.69	62.35	5.00	11.4780	SCS_Type_II_2y_24h_48mm	J50
S89	0.63	44.94	5.00	0.5500	SCS_Type_II_2y_24h_48mm	J138
S9	0.50	61.26	5.00	0.4600	SCS_Type_II_2y_24h_48mm	J20
S90	1.11	111.34	5.00	0.5000	SCS_Type_II_2y_24h_48mm	J14
S91	0.52	92.79	5.00	0.0010	SCS_Type_II_2y_24h_48mm	J88
S92	0.85	30.67	5.00	0.2640	SCS_Type_II_2y_24h_48mm	J112
S93	1.08	167.01	5.00	0.9300	SCS_Type_II_2y_24h_48mm	J598
S94	1.79	145.54	5.00	0.2470	SCS_Type_II_2y_24h_48mm	J1212
S95	0.55	27.70	5.00	0.1560	SCS_Type_II_2y_24h_48mm	J122
S96	0.44	48.77	5.00	0.5290	SCS_Type_II_2y_24h_48mm	J116
S97	0.34	75.41	5.00	0.0640	SCS_Type_II_2y_24h_48mm	J114
S98	2.09	208.23	5.00	0.6120	SCS_Type_II_2y_24h_48mm	J18
S99	0.63	27.75	5.00	1.1760	SCS_Type_II_2y_24h_48mm	J126

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
15017	JUNCTION	95.41	1.90	0.0	
15023	JUNCTION	95.44	1.90	0.0	
15115	JUNCTION	96.02	1.68	0.0	
15161	JUNCTION	95.71	1.92	0.0	
15169	JUNCTION	95.50	1.92	0.0	
15183	JUNCTION	95.41	1.75	0.0	
15526	JUNCTION	95.38	1.65	0.0	
15536	JUNCTION	95.28	1.68	0.0	
16468	JUNCTION	96.22	1.61	0.0	
16472	JUNCTION	96.77	0.00	0.0	
16496	JUNCTION	96.27	1.61	0.0	
16553	JUNCTION	96.37	1.59	0.0	
16555	JUNCTION	96.79	0.00	0.0	
16576	JUNCTION	96.48	0.82	0.0	
16611	JUNCTION	96.40	0.87	0.0	
16639	JUNCTION	96.17	0.77	0.0	
16641	JUNCTION	96.41	0.00	0.0	
16677	JUNCTION	95.91	1.00	0.0	
16797	JUNCTION	96.59	0.65	0.0	
16799	JUNCTION	97.10	0.00	0.0	
16815	JUNCTION	96.69	0.47	0.0	
16874	JUNCTION	96.94	0.47	0.0	
16876	JUNCTION	97.44	0.00	0.0	
16902	JUNCTION	97.02	1.79	0.0	
17000	JUNCTION	97.23	1.79	0.0	
17050	JUNCTION	97.31	1.12	0.0	
17077	JUNCTION	97.47	0.93	0.0	
17111	JUNCTION	97.14	1.22	0.0	
17114	JUNCTION	98.13	0.00	0.0	
17125	JUNCTION	97.51	1.70	0.0	
17181	JUNCTION	97.98	1.56	0.0	
17189	JUNCTION	97.80	1.70	0.0	
17196	JUNCTION	98.42	0.00	0.0	
17262	JUNCTION	95.41	1.78	0.0	
17276	JUNCTION	95.06	1.78	0.0	
17290	JUNCTION	95.03	1.60	0.0	
17305	JUNCTION	95.02	1.47	0.0	
17316	JUNCTION	94.85	1.40	0.0	

17319	JUNCTION	95.50	0.00	0.0
30259	JUNCTION	92.12	2.00	0.0
30475	JUNCTION	92.85	2.00	0.0
30654	JUNCTION	93.32	2.00	0.0
30690	JUNCTION	93.24	2.00	0.0
30703	JUNCTION	92.99	2.00	0.0
30723	JUNCTION	92.98	2.00	0.0
30741	JUNCTION	92.99	2.00	0.0
30776	JUNCTION	92.69	2.00	0.0
30790	JUNCTION	93.04	2.00	0.0
30821	JUNCTION	93.18	2.00	0.0
30846	JUNCTION	93.51	0.68	0.0
30874	JUNCTION	94.14	0.73	0.0
30901	JUNCTION	95.23	0.92	0.0
30961	JUNCTION	93.78	1.34	0.0
31055	JUNCTION	93.35	1.34	0.0
31056	JUNCTION	94.36	0.00	0.0
31282	JUNCTION	93.51	0.76	0.0
31294	JUNCTION	93.58	1.10	0.0
31330	JUNCTION	93.60	2.00	0.0
31346	JUNCTION	93.59	2.00	0.0
31478	JUNCTION	93.62	2.00	0.0
31499	JUNCTION	93.63	1.30	0.0
31616	JUNCTION	93.57	2.18	0.0
31659	JUNCTION	92.82	2.18	0.0
31679	JUNCTION	93.24	1.67	0.0
31692	JUNCTION	93.17	1.58	0.0
31717	JUNCTION	93.20	1.59	0.0
31727	JUNCTION	94.43	1.28	0.0
31735	JUNCTION	94.54	1.26	0.0
33004	JUNCTION	94.94	1.40	0.0
33025	JUNCTION	94.82	1.34	0.0
33039	JUNCTION	94.79	1.34	0.0
33074	JUNCTION	94.51	1.28	0.0
33088	JUNCTION	94.16	1.19	0.0
33102	JUNCTION	94.13	1.19	0.0
33116	JUNCTION	94.05	0.41	0.0
33130	JUNCTION	93.93	1.11	0.0
33147	JUNCTION	93.55	1.32	0.0
33161	JUNCTION	93.52	1.31	0.0
35248	JUNCTION	96.08	1.68	0.0
35262	JUNCTION	96.12	1.59	0.0
J1	JUNCTION	93.56	1.11	0.0
J100	JUNCTION	98.38	1.00	0.0
J1010	JUNCTION	93.71	1.00	0.0
J102	JUNCTION	98.26	1.00	0.0
J1036	JUNCTION	93.52	1.00	0.0
J109	JUNCTION	98.35	1.00	0.0
J11	JUNCTION	95.67	1.00	0.0
J112	JUNCTION	97.54	1.00	0.0
J114	JUNCTION	97.65	1.00	0.0
J1142	JUNCTION	93.47	1.00	0.0
J116	JUNCTION	96.45	1.00	0.0
J12	JUNCTION	95.33	1.00	100.0
J12_1	JUNCTION	96.33	1.59	0.0
J1209	JUNCTION	94.68	1.00	0.0
J1210	JUNCTION	97.38	1.00	0.0
J1212	JUNCTION	94.94	1.00	0.0
J1213	JUNCTION	94.80	1.00	0.0
J1216	JUNCTION	96.65	1.00	0.0
J1219	JUNCTION	96.19	1.00	0.0
J122	JUNCTION	96.82	1.00	0.0
J1222	JUNCTION	95.98	1.00	0.0
J1225	JUNCTION	98.24	1.00	0.0
J1227	JUNCTION	98.50	1.00	0.0
J1229	JUNCTION	97.19	1.00	0.0
J1231	JUNCTION	97.44	1.00	0.0
J1232	JUNCTION	96.81	1.00	0.0
J1233	JUNCTION	92.80	2.00	0.0
J124	JUNCTION	97.67	1.00	0.0
J1240	JUNCTION	94.71	1.00	0.0
J1241	JUNCTION	95.18	1.00	0.0
J1249	JUNCTION	94.80	1.00	0.0
J1254	JUNCTION	96.74	1.00	0.0
J1258	JUNCTION	96.16	1.00	0.0
J1259	JUNCTION	95.54	1.00	0.0
J126	JUNCTION	97.31	1.00	0.0
J1260	JUNCTION	95.53	1.00	0.0
J1268	JUNCTION	95.20	1.00	0.0
J1270	JUNCTION	94.97	1.00	0.0
J1272	JUNCTION	93.67	1.00	0.0
J1273	JUNCTION	96.80	1.00	0.0
J1276	JUNCTION	93.78	1.00	0.0
J1277	JUNCTION	97.18	1.00	0.0
J1278	JUNCTION	94.07	1.00	0.0
J1279	JUNCTION	97.46	1.00	0.0
J1280	JUNCTION	97.25	1.00	0.0
J1294	JUNCTION	97.02	1.00	0.0
J1299	JUNCTION	95.14	1.00	0.0
J13	JUNCTION	98.24	1.00	0.0
J1300	JUNCTION	97.17	1.00	0.0
J1301	JUNCTION	95.61	1.00	0.0
J1306	JUNCTION	97.52	1.00	0.0
J1308	JUNCTION	94.81	1.00	0.0
J1314	JUNCTION	95.84	1.00	0.0
J1318	JUNCTION	95.36	1.00	0.0
J1322	JUNCTION	93.95	1.00	0.0
J1324	JUNCTION	97.55	1.00	0.0
J1325	JUNCTION	93.69	1.00	0.0
J1329	JUNCTION	94.58	1.00	0.0
J1330	JUNCTION	93.53	1.00	0.0
J1331	JUNCTION	94.60	1.00	0.0
J1332	JUNCTION	95.82	1.00	0.0

J1334	JUNCTION	94.49	1.00	0.0
J1335	JUNCTION	93.14	2.00	0.0
J1338	JUNCTION	97.08	1.00	0.0
J1344	JUNCTION	96.74	1.00	0.0
J1348	JUNCTION	94.43	1.00	0.0
J135	JUNCTION	97.17	1.00	0.0
J1352	JUNCTION	93.18	1.00	0.0
J1355	JUNCTION	94.55	1.00	0.0
J138	JUNCTION	98.46	1.00	0.0
J14	JUNCTION	95.23	1.00	100.0
J140	JUNCTION	98.30	1.00	0.0
J142	JUNCTION	96.65	1.00	0.0
J15	JUNCTION	96.35	1.00	0.0
J153	JUNCTION	97.06	1.00	0.0
J159	JUNCTION	96.79	1.00	0.0
J161	JUNCTION	97.74	1.00	0.0
J165	JUNCTION	96.54	1.00	0.0
J167	JUNCTION	97.51	1.00	0.0
J169	JUNCTION	96.99	1.00	0.0
J17	JUNCTION	98.17	1.00	0.0
J172	JUNCTION	96.75	1.00	0.0
J18	JUNCTION	95.15	1.00	100.0
J19	JUNCTION	95.08	0.44	0.0
J190	JUNCTION	97.16	1.00	0.0
J199	JUNCTION	97.55	1.00	0.0
J2	JUNCTION	93.65	2.00	0.0
J20	JUNCTION	98.22	1.00	0.0
J201	JUNCTION	97.09	1.00	0.0
J205	JUNCTION	97.00	1.00	0.0
J209	JUNCTION	96.33	1.00	0.0
J21	JUNCTION	93.70	1.30	0.0
J217	JUNCTION	97.24	1.00	0.0
J219	JUNCTION	97.39	1.00	0.0
J221	JUNCTION	95.05	1.00	0.0
J225	JUNCTION	97.23	1.00	0.0
J227	JUNCTION	96.36	1.00	0.0
J229	JUNCTION	96.39	1.00	0.0
J23	JUNCTION	98.11	1.00	0.0
J232	JUNCTION	96.46	1.00	0.0
J241	JUNCTION	96.38	1.00	0.0
J25	JUNCTION	93.26	0.65	0.0
J254	JUNCTION	97.10	1.00	0.0
J273	JUNCTION	97.13	1.00	0.0
J275	JUNCTION	96.17	1.00	0.0
J28	JUNCTION	98.20	1.00	0.0
J281	JUNCTION	96.28	1.00	0.0
J283	JUNCTION	96.12	1.00	0.0
J294	JUNCTION	96.19	1.00	0.0
J299	JUNCTION	96.08	1.00	0.0
J3	JUNCTION	93.88	1.35	0.0
J30	JUNCTION	97.63	1.00	0.0
J304	JUNCTION	95.97	1.00	0.0
J319	JUNCTION	95.88	1.00	0.0
J32	JUNCTION	98.17	1.00	0.0
J329	JUNCTION	95.17	1.00	0.0
J35	JUNCTION	98.04	1.00	0.0
J355	JUNCTION	94.30	1.00	0.0
J36	JUNCTION	93.42	2.00	0.0
J360	JUNCTION	95.91	1.00	0.0
J362	JUNCTION	96.28	1.00	0.0
J37	JUNCTION	98.92	1.00	0.0
J372	JUNCTION	96.58	1.00	0.0
J384	JUNCTION	94.86	1.00	0.0
J39	JUNCTION	97.78	1.00	0.0
J392	JUNCTION	95.34	1.00	0.0
J394	JUNCTION	95.14	1.00	0.0
J396	JUNCTION	95.00	1.00	0.0
J398	JUNCTION	95.69	1.00	0.0
J4	JUNCTION	95.29	1.00	100.0
J41	JUNCTION	98.10	1.00	0.0
J419	JUNCTION	95.89	1.00	0.0
J43	JUNCTION	97.98	1.00	0.0
J443	JUNCTION	95.65	1.00	0.0
J447	JUNCTION	95.40	1.00	0.0
J449	JUNCTION	94.74	1.00	0.0
J451	JUNCTION	95.25	1.00	0.0
J453	JUNCTION	94.81	1.00	0.0
J455	JUNCTION	95.56	1.00	0.0
J46	JUNCTION	95.70	2.00	0.0
J462	JUNCTION	94.57	1.00	0.0
J467	JUNCTION	95.27	1.00	0.0
J47	JUNCTION	95.90	2.00	0.0
J472	JUNCTION	95.27	1.00	0.0
J475	JUNCTION	95.16	1.00	0.0
J479	JUNCTION	94.61	1.00	0.0
J48	JUNCTION	97.44	1.00	0.0
J491	JUNCTION	94.61	1.00	0.0
J493	JUNCTION	94.69	1.00	0.0
J5	JUNCTION	95.54	1.00	100.0
J50	JUNCTION	94.70	1.00	0.0
J51	JUNCTION	95.58	1.00	0.0
J52	JUNCTION	98.60	1.00	0.0
J523	JUNCTION	94.43	1.00	0.0
J525	JUNCTION	95.40	1.00	0.0
J54	JUNCTION	97.36	1.00	0.0
J56	JUNCTION	97.39	1.00	0.0
J562	JUNCTION	94.57	1.00	0.0
J576	JUNCTION	95.06	1.00	0.0
J58	JUNCTION	93.70	1.00	0.0
J580	JUNCTION	94.50	1.00	0.0
J584	JUNCTION	95.27	1.00	0.0
J59	JUNCTION	98.89	1.00	0.0
J596	JUNCTION	95.27	1.00	0.0

J598	JUNCTION	93.92	1.00	0.0
J602	JUNCTION	95.22	1.00	0.0
J61	JUNCTION	98.62	1.00	0.0
J611	JUNCTION	95.13	1.00	0.0
J623	JUNCTION	95.03	1.00	0.0
J63	JUNCTION	97.36	1.00	0.0
J633	JUNCTION	93.64	1.00	0.0
J644	JUNCTION	94.98	1.00	0.0
J646	JUNCTION	94.99	1.00	0.0
J650	JUNCTION	94.87	1.00	0.0
J658	JUNCTION	95.03	1.00	0.0
J66	JUNCTION	98.97	1.00	0.0
J660	JUNCTION	94.99	1.00	0.0
J664	JUNCTION	94.99	1.00	0.0
J668	JUNCTION	94.03	1.00	0.0
J673	JUNCTION	93.65	1.00	0.0
J676	JUNCTION	94.78	1.00	0.0
J68	JUNCTION	97.67	1.00	0.0
J684	JUNCTION	94.96	1.00	0.0
J686	JUNCTION	94.86	1.00	0.0
J693	JUNCTION	94.87	1.00	0.0
J7	JUNCTION	95.47	1.00	100.0
J70	JUNCTION	95.46	1.00	0.0
J703	JUNCTION	94.94	1.00	0.0
J710	JUNCTION	94.39	1.00	0.0
J712	JUNCTION	94.84	1.00	0.0
J718	JUNCTION	94.93	1.00	0.0
J72	JUNCTION	98.12	1.00	0.0
J720	JUNCTION	94.83	1.00	0.0
J728	JUNCTION	94.87	1.00	0.0
J737	JUNCTION	94.72	1.00	0.0
J744	JUNCTION	94.49	1.00	0.0
J746	JUNCTION	94.60	1.00	0.0
J748	JUNCTION	94.54	1.00	0.0
J75	JUNCTION	97.64	1.00	0.0
J757	JUNCTION	94.74	1.00	0.0
J76	JUNCTION	95.50	1.00	0.0
J761	JUNCTION	94.83	1.00	0.0
J77	JUNCTION	97.50	1.00	0.0
J777	JUNCTION	94.60	1.00	0.0
J779	JUNCTION	94.92	1.00	0.0
J797	JUNCTION	94.71	1.00	0.0
J80	JUNCTION	96.81	1.00	0.0
J803	JUNCTION	94.27	1.00	0.0
J82	JUNCTION	100.49	1.00	0.0
J834	JUNCTION	94.81	1.00	0.0
J84	JUNCTION	98.34	1.00	0.0
J86	JUNCTION	96.83	1.00	0.0
J87	JUNCTION	94.86	1.00	0.0
J88	JUNCTION	96.75	1.00	0.0
J9	JUNCTION	98.20	1.00	0.0
J9_1	JUNCTION	96.30	0.87	0.0
J90	JUNCTION	97.22	1.00	0.0
J92	JUNCTION	101.17	1.00	0.0
J923	JUNCTION	94.12	1.00	0.0
J925	JUNCTION	94.50	1.00	0.0
J929	JUNCTION	94.44	1.00	0.0
J95	JUNCTION	97.23	1.00	0.0
J954	JUNCTION	94.70	1.00	0.0
J964	JUNCTION	94.48	1.00	0.0
NOF1_1	JUNCTION	92.19	2.00	0.0
NOF1	OUTFALL	92.00	0.85	0.0
NOF2	OUTFALL	93.00	1.00	0.0
Outfall_A	OUTFALL	92.64	0.90	0.0
Outfall_B	OUTFALL	92.80	1.38	0.0

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
C10	16639	16677	CONDUIT	35.6	0.7273	0.0350
C102	J4	J14	CONDUIT	53.0	0.1245	0.0350
C103	J686	J728	CONDUIT	24.0	-0.0250	0.0350
C105	J124	J167	CONDUIT	64.6	0.2492	0.0350
C112	J14	J18	CONDUIT	141.6	0.0565	0.0350
C113	J602	J664	CONDUIT	130.6	0.1761	0.0350
C116	J254	J1232	CONDUIT	74.5	0.3865	0.0350
C118	J1260	J7	CONDUIT	88.7	0.0665	0.0350
C12_1	16553	J12_1	CONDUIT	11.9	0.2690	0.0350
C124	J159	J1254	CONDUIT	17.7	0.2819	0.0350
C128	J929	J1036	CONDUIT	368.5	0.2494	0.0350
C13	16677	J11	CONDUIT	14.2	1.7244	0.0240
C131	J281	J1258	CONDUIT	9.1	1.3445	0.0350
C132	J455	J1259	CONDUIT	79.0	0.0164	0.0350
C134	J728	J757	CONDUIT	62.4	0.2147	0.0350
C135	J493	J598	CONDUIT	79.2	0.9737	0.0350
C137	16902	16874	CONDUIT	5.6	1.3999	0.0120
C138	J165	J275	CONDUIT	195.6	0.1907	0.0350
C14	31346	31282	CONDUIT	156.6	0.0511	0.0350
C142	J1233	Outfall_B	CONDUIT	23.4	0.0043	0.0350
C144	31659	J1233	CONDUIT	22.8	0.0747	0.0240
C145	J39	J56	CONDUIT	97.1	0.3946	0.0350
C147	30776	Outfall_A	CONDUIT	19.7	0.2542	0.0120
C15	J21	31499	CONDUIT	200.9	0.0343	0.0350
C153	J596	J1268	CONDUIT	93.5	0.0727	0.0350
C155	J360	J447	CONDUIT	74.7	0.6824	0.0350
C156	J576	J1270	CONDUIT	10.7	0.8021	0.0350
C159	J80	J1273	CONDUIT	18.8	0.0851	0.0350
C16	J472	J467	CONDUIT	10.6	-0.0188	0.0350
C163	15526	15536	CONDUIT	15.3	0.6914	0.0190
C165	J112	J1277	CONDUIT	98.6	0.3682	0.0350

C167	J199	J1279	CONDUIT	22.3	0.3953	0.0350
C17	30259	NOF1	CONDUIT	26.0	0.4765	0.0240
C172	J167	J1280	CONDUIT	48.1	0.5506	0.0350
C176	J467	J451	CONDUIT	31.3	0.0639	0.0350
C180	J646	J710	CONDUIT	105.1	0.5736	0.0350
C186	J757	J797	CONDUIT	20.5	0.1266	0.0350
C189	J47	J46	CONDUIT	9.5	2.1427	0.0120
C190	J1232	J372	CONDUIT	84.0	0.2763	0.0350
C196	J1318	J584	CONDUIT	64.1	0.1451	0.0350
C199	J52	J1227	CONDUIT	98.1	0.1091	0.0350
C2	16797	16677	CONDUIT	179.6	0.3786	0.0350
C20_1	30475	NOF1_1	CONDUIT	283.3	0.2316	0.0350
C20_2	NOF1_1	30259	CONDUIT	29.1	0.2306	0.0350
C200	J443	J525	CONDUIT	76.4	0.3299	0.0350
C202	J451	J475	CONDUIT	42.8	0.2078	0.0350
C207	J797	J746	CONDUIT	57.7	0.1906	0.0350
C21	J25	30475	CONDUIT	212.7	0.1933	0.0350
C213	J803	31616	CONDUIT	115.3	0.6080	0.0350
C213_1	J15	J11	CONDUIT	315.0	0.2165	0.0350
C213_3	J11	J51	CONDUIT	39.2	0.2168	0.0350
C213_4	J51	J70	CONDUIT	57.9	0.2159	0.0350
C214	J135	J1294	CONDUIT	164.9	0.0910	0.0350
C218	16611	16576	CONDUIT	44.3	-0.1716	0.0350
C22	30901	30874	CONDUIT	54.2	2.0251	0.0350
C221	J447	J1299	CONDUIT	29.1	0.8808	0.0350
C223	J66	J61	CONDUIT	60.0	0.5849	0.0350
C225	J56	J1300	CONDUIT	143.6	0.1567	0.0350
C226	J1258	J1301	CONDUIT	221.4	0.2498	0.0350
C23	J392	J1213	CONDUIT	112.4	0.4822	0.0350
C230	16576	16553	CONDUIT	5.1	2.1968	0.0240
C231_1	17181	17189	CONDUIT	40.9	0.4333	0.0350
C231_2	17189	17125	CONDUIT	61.5	0.4700	0.0350
C233	J664	J660	CONDUIT	22.1	-0.0136	0.0350
C234	J644	J703	CONDUIT	91.3	0.0460	0.0350
C239	J20	J9	CONDUIT	8.2	0.2937	0.0350
C24	J92	J82	CONDUIT	62.2	1.0943	0.0350
C241	J114	J1306	CONDUIT	44.9	0.2987	0.0350
C245	J475	J1299	CONDUIT	20.3	0.0986	0.0350
C248	J9	J17	CONDUIT	14.7	0.1765	0.0350
C25	30874	30846	CONDUIT	54.7	1.1510	0.0350
C251	J660	J684	CONDUIT	63.7	0.0455	0.0350
C256	J17	J23	CONDUIT	134.9	0.0445	0.0350
C259	J1299	J479	CONDUIT	69.3	0.7722	0.0350
C26	J720	J737	CONDUIT	56.4	0.1984	0.0350
C262	J746	J748	CONDUIT	32.1	0.1872	0.0350
C263	J372	J362	CONDUIT	57.1	0.5218	0.0350
C266	J95	J153	CONDUIT	44.4	0.3826	0.0350
C267	J61	J100	CONDUIT	45.9	0.5233	0.0350
C268	J710	J668	CONDUIT	24.6	1.4454	0.0350
C27_1	30846	J36	CONDUIT	15.3	0.5820	0.0350
C27_2	J36	30821	CONDUIT	40.4	0.5845	0.0350
C271	J304	J1314	CONDUIT	27.8	0.4639	0.0350
C272	16496	16468	CONDUIT	8.0	0.5964	0.0350
C275	J748	J744	CONDUIT	58.8	0.0783	0.0350
C276	J1227	J72	CONDUIT	51.5	0.7223	0.0350
C277	17077	17050	CONDUIT	37.6	0.4203	0.0350
C279	16468	35262	CONDUIT	23.5	0.4300	0.0350
C282	J668	J2	CONDUIT	129.2	0.2933	0.0350
C283	17050	17000	CONDUIT	76.7	0.1095	0.0350
C284	J1259	J1318	CONDUIT	177.6	0.1013	0.0350
C285	J275	J1222	CONDUIT	83.5	0.2252	0.0350
C287	35262	35248	CONDUIT	39.5	0.1038	0.0350
C287_1	J684	J87	CONDUIT	51.9	0.2101	0.0350
C287_2	J87	J777	CONDUIT	122.1	0.2096	0.0350
C288	J153	J169	CONDUIT	101.2	0.0682	0.0350
C289	J703	J718	CONDUIT	71.2	0.0098	0.0350
C29	J172	J1216	CONDUIT	93.2	0.1095	0.0350
C291	J362	J419	CONDUIT	72.7	0.5409	0.0350
C292	35248	15115	CONDUIT	18.8	0.3087	0.0350
C294	J100	J109	CONDUIT	7.5	0.3741	0.0350
C297_1	J479	J50	CONDUIT	70.5	-0.1390	0.0350
C299	15115	J47	CONDUIT	36.0	0.3306	0.0350
C3	31330	31346	CONDUIT	36.9	0.0271	0.0350
C3_1	J1272	J36	CONDUIT	173.2	0.1472	0.0350
C300	J109	J1306	CONDUIT	162.7	0.5115	0.0350
C304	J46	15161	CONDUIT	38.1	-0.0262	0.0350
C305	J1142	J1335	CONDUIT	320.6	0.1029	0.0350
C308	J744	J668	CONDUIT	215.7	0.2151	0.0350
C309	J72	J1324	CONDUIT	157.3	0.3656	0.0350
C31	J59	J52	CONDUIT	170.0	0.1706	0.0350
C310	15161	15169	CONDUIT	40.1	0.5236	0.0350
C311	J1276	J1325	CONDUIT	48.9	0.1819	0.0350
C313	J138	J140	CONDUIT	65.9	0.2427	0.0350
C314	15169	15183	CONDUIT	50.0	0.1880	0.0350
C319	J23	J28	CONDUIT	38.4	-0.2345	0.0350
C32	J41	J39	CONDUIT	96.9	0.3335	0.0350
C320	J718	J779	CONDUIT	66.7	0.0150	0.0350
C322	15183	15017	CONDUIT	36.2	0.0028	0.0350
C324	J1222	J319	CONDUIT	115.7	0.0873	0.0350
C326	17000	16902	CONDUIT	87.9	0.2390	0.0350
C327	J419	J1314	CONDUIT	38.2	0.1177	0.0350
C329	15017	15023	CONDUIT	34.9	-0.0945	0.0350
C33	30821	30790	CONDUIT	55.2	0.2537	0.0350
C331	J28	J35	CONDUIT	65.0	0.2493	0.0350
C333	15023	15526	CONDUIT	24.1	0.2320	0.0350
C334	16611	16639	CONDUIT	11.1	2.0641	0.0240
C335	J140	J1279	CONDUIT	200.2	0.4221	0.0350
C338	15536	17262	CONDUIT	19.3	-0.6843	0.0350
C339	17262	17276	CONDUIT	25.9	1.3657	0.0350
C34	30790	30776	CONDUIT	23.1	1.5402	0.0350
C340	J1314	J525	CONDUIT	202.0	0.2198	0.0350
C341	J779	J761	CONDUIT	57.7	0.1524	0.0350
C344	17276	17290	CONDUIT	26.2	0.0877	0.0350

C346	17290	17305	CONDUIT	28.4	0.0598	0.0350
C349_1	17305	17316	CONDUIT	12.8	1.2686	0.0350
C349_2	17316	33004	CONDUIT	21.4	-0.3969	0.0350
C35	30741	30776	CONDUIT	19.4	1.5520	0.0350
C350	33004	33025	CONDUIT	38.5	0.3091	0.0350
C352	J35	J32	CONDUIT	9.3	-1.4792	0.0350
C353	J954	J58	CONDUIT	126.4	0.7913	0.0350
C354	33025	33039	CONDUIT	26.2	0.0952	0.0350
C355	J777	J1329	CONDUIT	48.6	0.0412	0.0350
C356	J1036	J1330	CONDUIT	47.9	-0.0250	0.0350
C359	J1306	J1280	CONDUIT	43.7	0.6269	0.0350
C36	30723	30741	CONDUIT	28.5	-0.0386	0.0350
C360	33039	31735	CONDUIT	32.5	0.7835	0.0350
C361	31735	31727	CONDUIT	11.7	0.9578	0.0240
C363	J761	J834	CONDUIT	43.2	0.0625	0.0350
C365	31727	33074	CONDUIT	14.5	-0.5948	0.0350
C367	J319	J1332	CONDUIT	57.5	0.0940	0.0350
C371	33074	33088	CONDUIT	30.4	1.1563	0.0350
C372	J58	31330	CONDUIT	37.6	0.2657	0.0120
C374	J1225	J75	CONDUIT	164.7	0.3618	0.0350
C375	J1280	J1277	CONDUIT	58.8	0.1139	0.0350
C376	J834	J1308	CONDUIT	244.3	-0.0016	0.0350
C377	33088	33102	CONDUIT	25.6	0.1131	0.0350
C378	33102	33116	CONDUIT	31.3	0.2783	0.0350
C379	33116	33130	CONDUIT	27.1	0.4249	0.0350
C38	J116	J1219	CONDUIT	10.0	2.6774	0.0350
C381_1	33130	J1	CONDUIT	14.4	2.5756	0.0350
C381_2	J1	33147	CONDUIT	12.6	0.0791	0.0350
C384	33147	33161	CONDUIT	27.9	0.1184	0.0350
C385	33161	31717	CONDUIT	26.9	1.1844	0.0350
C388	31717	31692	CONDUIT	15.9	0.1444	0.0140
C391	J1277	J1338	CONDUIT	84.4	0.1173	0.0350
C397	31692	31679	CONDUIT	21.3	-0.3187	0.0350
C398	31679	31659	CONDUIT	22.3	1.9102	0.0350
C399	J525	J1318	CONDUIT	37.1	0.1024	0.0350
C4	J30	J48	CONDUIT	54.3	0.3517	0.0350
C40	J1308	J929	CONDUIT	235.9	0.1581	0.0100
C401	J70	J221	CONDUIT	218.5	0.1858	0.0350
C403	J77	J63	CONDUIT	28.6	0.4758	0.0350
C405	31616	31659	CONDUIT	76.1	0.9875	0.0350
C408	J63	J1210	CONDUIT	9.2	-0.1746	0.0350
C409	J219	J1229	CONDUIT	160.5	0.1271	0.0350
C41	J623	J658	CONDUIT	38.5	0.0104	0.0350
C413	J1210	J1300	CONDUIT	146.5	0.1433	0.0350
C416	J75	J1324	CONDUIT	8.6	1.0602	0.0350
C42	30703	30723	CONDUIT	43.3	0.0416	0.0350
C420	J584	J1268	CONDUIT	57.6	0.1145	0.0350
C423	J1324	J1231	CONDUIT	121.4	0.0898	0.0350
C425	31499	31478	CONDUIT	43.7	0.0252	0.0350
C429	J1268	J650	CONDUIT	170.6	0.1976	0.0350
C43	30690	30703	CONDUIT	29.0	0.8334	0.0350
C432	J1231	J126	CONDUIT	69.2	0.1865	0.0350
C433	J1300	J90	CONDUIT	15.7	-0.3309	0.0350
C435	J1229	J190	CONDUIT	14.6	0.1783	0.0350
C437	J90	J86	CONDUIT	49.0	0.8066	0.0350
C438	J190	J201	CONDUIT	53.6	0.1287	0.0350
C439	J221	J491	CONDUIT	362.7	0.1213	0.0350
C44	J299	J1222	CONDUIT	169.4	0.0602	0.0350
C444	J18	J1212	CONDUIT	121.4	0.1681	0.0350
C445	J86	J1344	CONDUIT	49.8	0.1686	0.0350
C447	J126	J122	CONDUIT	112.6	0.4360	0.0350
C448	J201	J1338	CONDUIT	68.8	0.0189	0.0350
C451	J1212	J87	CONDUIT	108.7	0.0819	0.0350
C452	J650	J693	CONDUIT	35.5	-0.0169	0.0350
C455	J693	J712	CONDUIT	23.2	0.1381	0.0350
C457	31478	31330	CONDUIT	225.2	0.0089	0.0350
C458	J122	J1273	CONDUIT	25.2	0.0993	0.0350
C460	J712	J676	CONDUIT	46.8	0.1326	0.0350
C465	J1273	J1344	CONDUIT	68.6	0.0758	0.0350
C466	J1338	J205	CONDUIT	174.8	0.0463	0.0350
C468	J676	J1240	CONDUIT	23.3	0.3092	0.0350
C469	J1240	J1329	CONDUIT	63.2	0.2009	0.0350
C47	30654	30690	CONDUIT	70.5	0.1233	0.0350
C472	J1344	J88	CONDUIT	142.2	-0.0035	0.0350
C475	J205	J1294	CONDUIT	25.2	-0.0913	0.0350
C478	J1329	J1348	CONDUIT	125.9	0.1167	0.0350
C481	J1294	J169	CONDUIT	27.9	0.1073	0.0350
C485	J491	J523	CONDUIT	50.8	0.3660	0.0350
C486	J88	J142	CONDUIT	18.7	0.5147	0.0350
C49	J43	J1225	CONDUIT	12.8	-1.9963	0.0350
C490	J142	J1219	CONDUIT	100.9	0.4598	0.0350
C491	J523	J1233	CONDUIT	337.4	0.4825	0.0350
C498	J1254	J1216	CONDUIT	72.5	0.1201	0.0350
C499	J1219	16677	CONDUIT	42.0	0.6518	0.0350
C5	J611	J1209	CONDUIT	62.0	0.7244	0.0350
C50	30654	J1335	CONDUIT	121.8	0.1461	0.0350
C505	J1216	J209	CONDUIT	128.5	0.2467	0.0350
C507	J1348	J1278	CONDUIT	181.7	0.2015	0.0350
C513	J209	J294	CONDUIT	65.6	0.2120	0.0350
C514	31282	31294	CONDUIT	41.6	-0.1708	0.0350
C517	J1278	J1010	CONDUIT	133.2	0.2702	0.0350
C518	J294	J283	CONDUIT	24.1	0.3107	0.0350
C52	J13	J20	CONDUIT	22.1	0.1043	0.0350
C520	J355	J1233	CONDUIT	30.8	4.8731	0.0350
C521	J229	J241	CONDUIT	36.2	0.0221	0.0350
C522	J283	J1332	CONDUIT	151.9	0.1943	0.0350
C524	J925	J355	CONDUIT	346.5	0.0589	0.0350
C525	31294	31055	CONDUIT	159.2	0.1445	0.0350
C525_3	J241	15115	CONDUIT	120.9	0.2986	0.0350
C528	J1010	J1352	CONDUIT	245.2	0.2141	0.0350
C53	J37	J1227	CONDUIT	132.8	0.3194	0.0350
C530	J1332	J398	CONDUIT	130.9	0.1016	0.0350
C535	J398	J1301	CONDUIT	8.5	0.9894	0.0350

C537_2	J76	J1241	CONDUIT	159.7	0.1991	0.0350
C537_3	J1301	J76	CONDUIT	54.2	0.2012	0.0350
C540	J329	J394	CONDUIT	17.4	0.1777	0.0350
C541	J1334	J925	CONDUIT	28.7	-0.0557	0.0350
C542	J394	J396	CONDUIT	51.8	0.2647	0.0350
C543	J964	J1334	CONDUIT	67.3	-0.0104	0.0350
C545	J396	J384	CONDUIT	58.0	0.2484	0.0350
C546	J954	J964	CONDUIT	50.0	0.4380	0.0350
C547	J384	J1213	CONDUIT	40.6	0.1355	0.0350
C548	J1241	J1270	CONDUIT	28.0	0.7390	0.0350
C55	J232	J281	CONDUIT	61.6	0.2889	0.0350
C550	J1213	J453	CONDUIT	19.9	-0.0604	0.0350
C551	J1270	J1249	CONDUIT	150.5	0.1156	0.0350
C552	J453	J449	CONDUIT	9.4	0.7965	0.0350
C553_1	J449	J50	CONDUIT	32.2	0.1024	0.0350
C553_2	J50	J1331	CONDUIT	108.2	0.1007	0.0350
C555	J1331	J462	CONDUIT	50.4	0.0516	0.0350
C556	J462	J1355	CONDUIT	40.6	0.0615	0.0350
C557	J1209	J562	CONDUIT	108.0	0.1019	0.0350
C558	J562	J1355	CONDUIT	189.0	0.0138	0.0350
C559	J1355	J598	CONDUIT	95.8	0.6553	0.0350
C560_1	J598	J3	CONDUIT	9.3	0.3769	0.0120
C560_2	J3	J633	CONDUIT	92.3	0.2655	0.0350
C561	J633	J673	CONDUIT	48.9	-0.0307	0.0350
C562_1	J673	J2	CONDUIT	9.1	0.0110	0.0350
C562_2	J2	J1	CONDUIT	21.2	0.4382	0.0350
C569	J1322	31346	CONDUIT	69.3	0.5197	0.0350
C57	J84	J102	CONDUIT	20.6	0.4071	0.0350
C575	30961	31055	CONDUIT	169.9	0.2542	0.0350
C58	J217	J1229	CONDUIT	40.4	0.1311	0.0350
C580	30901	30961	CONDUIT	90.0	1.6128	0.0350
C584	J1325	J1272	CONDUIT	33.4	0.0539	0.0350
C586	J1330	J1352	CONDUIT	79.4	0.4380	0.0350
C587_1	J1352	30776	CONDUIT	224.6	0.2204	0.0350
C6	J54	J1210	CONDUIT	12.9	-0.1242	0.0350
C60	J68	J1231	CONDUIT	89.0	0.2528	0.0350
C600	J48	17050	CONDUIT	61.5	0.2050	0.0350
C609	J227	J1258	CONDUIT	50.2	0.3988	0.0350
C615	J32	J1225	CONDUIT	57.5	-0.1062	0.0350
C617	J1279	J219	CONDUIT	40.0	0.1675	0.0350
C62	J273	J1232	CONDUIT	123.2	0.2598	0.0350
C621	J923	31294	CONDUIT	237.9	0.2282	0.0350
C622	J169	J1254	CONDUIT	160.5	0.1583	0.0350
C624	J1249	J1209	CONDUIT	105.0	0.1124	0.0350
C63_1	J21	31616	CONDUIT	10.6	1.2421	0.0350
C66	J580	J1233	CONDUIT	194.6	0.8726	0.0350
C7	J5	J4	CONDUIT	139.2	0.1767	0.0350
C7_1	17125	17111	CONDUIT	14.6	2.5439	0.0350
C7_2	17111	17077	CONDUIT	47.5	-0.6968	0.0350
C70	31055	NOF2	CONDUIT	20.1	1.7506	0.0120
C78	J1335	30475	CONDUIT	214.0	0.1393	0.0350
C79_1	J19	J1212	CONDUIT	232.3	0.0581	0.0350
C80	16815	16797	CONDUIT	9.4	1.0485	0.0120
C81	16874	16815	CONDUIT	28.8	0.8578	0.0350
C82	J102	J114	CONDUIT	159.9	0.3771	0.0350
C83	J7	J12	CONDUIT	168.0	0.0822	0.0350
C85	J658	J646	CONDUIT	97.6	0.0389	0.0350
C88	J161	J199	CONDUIT	63.0	0.3094	0.0350
C89	J737	J1240	CONDUIT	36.6	0.0465	0.0350
C9	J225	J217	CONDUIT	38.2	-0.0288	0.0350
C9_1	J12_1	J9_1	CONDUIT	50.0	0.0640	0.0350
C9_2	J9_1	16496	CONDUIT	11.9	0.2691	0.0350
C95	J12	J4	CONDUIT	61.8	0.0614	0.0350
C96	J82	J138	CONDUIT	272.6	0.7451	0.0350

Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
C10	T-C10	0.77	5.02	0.50	10.00	1	7.66
C102	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.35
C103	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.50
C105	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	8.17
C112	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.25
C113	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.98
C116	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.90
C118	TRAPEZOIDAL	1.00	4.66	0.52	8.66	1	2.23
C12_1	T-C249	1.59	13.94	0.60	23.00	1	14.67
C124	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	8.69
C128	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.74
C13	CIRCULAR	0.90	0.64	0.23	0.90	1	1.29
C131	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	11.00
C132	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.22
C134	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.39
C135	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	9.36
C137	CIRCULAR	0.45	0.16	0.11	0.45	1	0.37
C138	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	7.15
C14	T-C493	0.76	4.30	0.42	10.01	1	1.57
C142	T-C142	1.38	13.82	0.67	20.00	1	1.97
C144	CIRCULAR	1.40	1.54	0.35	1.40	1	0.87
C145	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.96
C147	CIRCULAR	0.90	0.64	0.23	0.90	1	0.99
C15	T-C407	1.30	22.49	0.63	38.08	1	8.71
C153	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.56
C155	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.83
C156	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.49
C159	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.77
C16	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.30
C163	TRAPEZOIDAL	1.65	3.53	0.68	3.79	1	12.00
C165	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	9.93

C167	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	10.29
C17	CIRCULAR	0.85	0.57	0.21	0.85	2	0.58
C172	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	12.15
C176	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.40
C180	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.18
C186	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.37
C189	CIRCULAR	0.45	0.16	0.11	0.45	1	0.45
C190	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.99
C196	TRAPEZOIDAL	0.50	0.75	0.27	2.50	1	0.34
C199	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.13
C2	T-C2	0.65	4.00	0.40	10.00	1	3.79
C20_1	T-C123	1.42	15.24	0.74	20.06	1	17.09
C20_2	T-C123	1.42	15.24	0.74	20.06	1	17.05
C200	TRAPEZOIDAL	0.50	0.75	0.27	2.50	1	0.52
C202	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.32
C207	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.14
C21	C614	0.65	6.63	0.29	22.64	1	3.65
C213	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.39
C213_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.41
C213_3	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.42
C213_4	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.41
C214	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	4.94
C218	T-C218	0.82	3.77	0.37	10.00	1	2.30
C22	T-C22	0.73	4.30	0.43	10.01	1	9.91
C221	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.90
C223	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	12.52
C225	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.75
C226	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.74
C23	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.59
C230	CIRCULAR	0.60	0.28	0.15	0.60	1	0.49
C231_1	T-C231_1	1.56	20.53	0.68	30.00	1	29.74
C231_2	T-C231_2	1.70	13.84	0.52	27.00	1	17.53
C233	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.11
C234	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.03
C239	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.14
C24	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	17.13
C241	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	8.95
C245	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.98
C248	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.98
C25	T-C25	0.68	4.74	0.47	10.00	1	8.79
C251	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.02
C256	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.00
C259	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.33
C26	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.22
C262	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.10
C263	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.85
C266	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	10.13
C267	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	11.84
C268	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	11.40
C27_1	T-C27	0.45	2.91	0.36	8.00	1	3.22
C27_2	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	72.43
C271	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.46
C272	T-C272	1.61	13.00	0.61	28.13	1	20.68
C275	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.65
C276	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.06
C277	T-C277	0.44	1.73	0.17	10.01	1	0.98
C279	T-C279	1.50	12.03	0.56	20.89	1	15.32
C282	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.14
C283	T-C283	0.38	1.47	0.14	10.00	1	0.38
C284	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.02
C285	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	7.77
C287	T-C287	1.59	16.12	0.66	23.02	1	11.20
C287_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.35
C287_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.34
C288	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	4.28
C289	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.94
C29	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.42
C291	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.98
C292	T-C292	1.68	15.29	0.63	22.48	1	17.89
C294	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	10.01
C297_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.54
C299	T-C299	1.57	22.16	0.67	32.67	1	27.75
C3	T-C474	0.68	8.08	0.40	19.98	1	2.07
C3_1	TRAPEZOIDAL	0.50	1.25	0.27	4.50	1	0.57
C300	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	11.71
C304	T-C304	1.21	25.47	0.64	38.97	1	8.72
C305	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.04
C308	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.40
C309	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.73
C31	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.92
C310	T-C310	1.92	35.16	0.85	40.12	1	65.04
C311	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.04
C313	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	8.07
C314	T-C314	1.75	38.59	0.94	40.00	1	45.90
C319	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.59
C32	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.48
C320	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.16
C322	T-C322	1.57	38.31	0.91	40.00	1	5.40
C324	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	4.84
C326	T-C326	1.79	20.22	0.68	29.07	1	21.94
C327	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.25
C329	T-C329	1.90	36.27	0.87	40.03	1	29.01
C33	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	47.72
C331	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.74
C333	T-C333	1.64	25.80	0.61	40.01	1	25.58
C334	CIRCULAR	0.60	0.28	0.15	0.60	1	0.48
C335	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	10.64
C338	T-C338	1.68	28.01	0.66	40.02	1	50.28
C339	T-C339	1.78	28.67	0.68	40.00	1	74.02
C34	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	117.57
C340	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.45
C341	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.70
C344	T-C344	1.60	28.97	0.69	40.00	1	19.16

C346	T-C346	1.47	30.56	0.73	40.00	1	17.30
C349_1	T-C349	1.40	28.81	0.70	40.00	1	73.01
C349_2	T-C349	1.40	28.81	0.70	40.00	1	40.84
C35	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	118.02
C350	T-C350	1.22	23.94	0.60	38.00	1	27.16
C352	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	11.53
C353	T-C353	0.60	3.48	0.39	8.41	1	4.69
C354	T-C354	1.34	28.50	0.68	40.01	1	19.50
C355	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.92
C356	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.50
C359	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	12.96
C36	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	18.61
C360	T-C360	1.26	26.00	0.66	38.00	1	49.64
C361	CIRCULAR	0.40	0.13	0.10	0.40	1	0.11
C363	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.37
C365	T-C365	1.28	33.57	0.87	40.01	1	67.39
C367	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.02
C371	T-C371	1.18	31.19	0.78	40.00	1	81.49
C372	CIRCULAR	1.00	0.79	0.25	1.00	1	1.34
C374	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.70
C375	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.53
C376	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.38
C377	T-C377	1.19	26.61	0.65	40.00	1	19.26
C378	T-C378	0.41	6.39	0.29	22.00	1	4.21
C379	T-C379	0.32	3.68	0.17	22.05	1	2.07
C38	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	15.52
C381_1	T-C381	1.11	23.40	0.65	38.03	1	80.48
C381_2	T-C381	1.11	23.40	0.65	38.03	1	14.11
C384	T-C384	1.18	22.73	0.66	38.06	1	16.89
C385	T-C385	1.26	18.16	0.51	38.03	1	36.06
C388	CIRCULAR	1.25	1.23	0.31	1.25	1	1.53
C391	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.61
C397	T-C397	1.58	20.56	0.50	40.00	1	20.97
C398	T-C398	1.67	25.49	0.69	39.11	1	78.78
C399	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C4	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.62
C40	TRAPEZOIDAL	0.50	1.25	0.27	4.50	1	2.08
C401	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.09
C403	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.54
C405	T-C405	2.18	24.99	0.70	37.63	1	55.68
C408	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.96
C409	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.84
C41	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.97
C413	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.59
C416	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	9.76
C42	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	19.32
C420	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.21
C423	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.84
C425	T-C425	1.05	22.96	0.56	40.01	1	7.04
C429	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.22
C43	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	86.49
C432	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.10
C433	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.46
C435	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	6.91
C437	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.52
C438	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.87
C439	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.30
C44	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	4.02
C444	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.89
C445	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.89
C447	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.26
C448	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	2.25
C451	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.71
C452	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.23
C455	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.52
C457	T-C457	0.34	1.24	0.20	6.00	1	0.11
C458	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.99
C460	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.45
C465	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.61
C466	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	3.52
C468	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.27
C469	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.25
C47	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	33.27
C472	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.56
C475	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	4.95
C478	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.24
C481	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.36
C485	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.74
C486	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.80
C49	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	13.40
C490	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.43
C491	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.59
C498	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.67
C499	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.66
C5	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.07
C50	T-C50	0.58	4.79	0.39	12.00	1	2.81
C505	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	8.13
C507	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.26
C513	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	7.54
C514	T-C514	0.53	3.25	0.32	10.00	1	1.80
C517	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.93
C518	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	9.13
C52	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.06
C520	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	20.94
C521	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.41
C522	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	7.22
C524	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.30
C525	T-C525	1.10	11.72	0.65	18.00	1	9.51
C525_3	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.18
C528	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.39
C53	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.36
C530	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.22
C535	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	9.43

C537_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.23
C537_3	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.25
C540	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.00
C541	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.24
C542	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.88
C543	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.97
C545	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.73
C546	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.28
C547	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.49
C548	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.15
C55	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.10
C550	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.33
C551	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.22
C552	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.46
C553_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C553_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.01
C555	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.15
C556	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.35
C557	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C558	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.11
C559	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.68
C560_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	16.98
C560_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.89
C561	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.66
C562_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.00
C562_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.28
C569	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.84
C57	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	10.45
C575	T-C575	1.34	9.79	0.60	16.00	1	10.08
C58	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	5.93
C580	T-C580	0.92	10.71	0.59	18.01	1	27.35
C584	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.20
C586	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.28
C587_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.45
C6	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.34
C60	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.77
C600	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.29
C609	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.99
C615	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.09
C617	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	6.70
C62	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.83
C621	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.53
C622	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	6.51
C624	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.18
C63_1	T-C63	1.16	20.37	0.53	37.78	1	42.47
C66	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.86
C7	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.99
C7_1	T-C7_1	1.22	5.82	0.57	9.87	1	18.30
C7_2	T-C7_2	0.93	5.11	0.49	10.13	1	7.62
C70	CIRCULAR	1.00	0.79	0.25	1.00	1	3.44
C78	T-C78	1.15	14.17	0.71	19.25	1	12.06
C79_1	79	0.44	1.42	0.19	10.00	1	0.32
C80	CIRCULAR	0.40	0.13	0.10	0.40	1	0.23
C81	T-C81	0.47	2.57	0.25	10.00	1	2.72
C82	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	10.06
C83	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.72
C85	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.87
C88	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	9.11
C89	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.04
C9	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	2.78
C9_1	12	0.87	5.69	0.56	10.03	1	2.79
C9_2	9	0.82	4.30	0.42	10.02	1	3.58
C95	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.35
C96	TRAPEZOIDAL	1.00	8.00	0.61	13.00	1	14.13

Transect Summary

Transect 1093

Area:

0.0002	0.0008	0.0018	0.0031	0.0049
0.0070	0.0095	0.0148	0.0238	0.0379
0.0545	0.0723	0.0913	0.1114	0.1319
0.1525	0.1733	0.1943	0.2155	0.2370
0.2587	0.2806	0.3027	0.3251	0.3478
0.3706	0.3937	0.4171	0.4406	0.4645
0.4885	0.5128	0.5374	0.5623	0.5874
0.6129	0.6385	0.6645	0.6907	0.7172
0.7440	0.7711	0.7985	0.8262	0.8543
0.8828	0.9116	0.9407	0.9702	1.0000

Hrad:

0.0149	0.0298	0.0447	0.0596	0.0744
0.0893	0.1042	0.0987	0.0942	0.0937
0.1086	0.1268	0.1460	0.1640	0.1926
0.2209	0.2489	0.2765	0.3033	0.3298
0.3560	0.3820	0.4078	0.4334	0.4587
0.4838	0.5087	0.5334	0.5579	0.5823
0.6058	0.6289	0.6518	0.6745	0.6970
0.7194	0.7416	0.7637	0.7857	0.8074
0.8291	0.8491	0.8683	0.8874	0.9064
0.9253	0.9441	0.9628	0.9814	1.0000

Width:

0.0130	0.0260	0.0389	0.0519	0.0649
0.0779	0.0908	0.2513	0.3739	0.5354
0.5744	0.6135	0.6525	0.6798	0.6855
0.6912	0.6968	0.7033	0.7112	0.7190
0.7269	0.7348	0.7427	0.7505	0.7584
0.7663	0.7742	0.7820	0.7899	0.7978
0.8065	0.8156	0.8247	0.8337	0.8428
0.8519	0.8610	0.8701	0.8792	0.8883
0.8973	0.9081	0.9196	0.9311	0.9426

	0.6284	0.6522	0.6758	0.6992	0.7111
	0.6843	0.6647	0.6507	0.6767	0.7072
	0.7375	0.7676	0.7974	0.8270	0.8564
	0.8855	0.9144	0.9432	0.9717	1.0000
Width:					
	0.0237	0.0474	0.0711	0.0948	0.1185
	0.1423	0.1660	0.1897	0.2134	0.2371
	0.2608	0.2845	0.3082	0.3319	0.3556
	0.3793	0.4031	0.4268	0.4505	0.4742
	0.4979	0.5216	0.5375	0.5504	0.5634
	0.5763	0.5893	0.6023	0.6152	0.6282
	0.6411	0.6541	0.6671	0.6800	0.7041
	0.7715	0.8390	0.9065	0.9207	0.9279
	0.9351	0.9423	0.9495	0.9567	0.9639
	0.9712	0.9784	0.9856	0.9928	1.0000

Transect T-C84

Area:					
	0.0046	0.0147	0.0251	0.0359	0.0471
	0.0586	0.0706	0.0829	0.0957	0.1095
	0.1244	0.1405	0.1577	0.1761	0.1953
	0.2147	0.2342	0.2540	0.2739	0.2939
	0.3142	0.3346	0.3553	0.3760	0.3970
	0.4182	0.4395	0.4610	0.4826	0.5045
	0.5265	0.5487	0.5711	0.5938	0.6168
	0.6401	0.6636	0.6875	0.7116	0.7360
	0.7607	0.7857	0.8109	0.8365	0.8626
	0.8891	0.9161	0.9436	0.9715	1.0000

Hrad:					
	0.0148	0.0412	0.0680	0.0938	0.1189
	0.1433	0.1671	0.1902	0.2083	0.2191
	0.2305	0.2423	0.2544	0.2668	0.2910
	0.3170	0.3427	0.3682	0.3935	0.4187
	0.4436	0.4683	0.4929	0.5173	0.5415
	0.5655	0.5894	0.6131	0.6367	0.6601
	0.6833	0.7065	0.7266	0.7461	0.7654
	0.7846	0.8037	0.8227	0.8416	0.8604
	0.8791	0.8976	0.9161	0.9302	0.9415
	0.9530	0.9646	0.9763	0.9881	1.0000

Width:					
	0.3136	0.3563	0.3697	0.3830	0.3964
	0.4097	0.4231	0.4365	0.4601	0.5003
	0.5406	0.5808	0.6210	0.6612	0.6721
	0.6783	0.6845	0.6906	0.6968	0.7029
	0.7091	0.7153	0.7214	0.7276	0.7338
	0.7399	0.7461	0.7522	0.7584	0.7646
	0.7707	0.7769	0.7862	0.7961	0.8060
	0.8159	0.8258	0.8357	0.8455	0.8554
	0.8653	0.8752	0.8851	0.8992	0.9160
	0.9328	0.9496	0.9664	0.9832	1.0000

Transect T-C91

Area:					
	0.0002	0.0009	0.0021	0.0037	0.0058
	0.0084	0.0153	0.0281	0.0424	0.0577
	0.0740	0.0913	0.1096	0.1289	0.1486
	0.1685	0.1887	0.2090	0.2296	0.2503
	0.2713	0.2925	0.3140	0.3356	0.3575
	0.3795	0.4018	0.4243	0.4470	0.4699
	0.4931	0.5166	0.5405	0.5646	0.5891
	0.6139	0.6390	0.6644	0.6902	0.7163
	0.7427	0.7695	0.7967	0.8243	0.8523
	0.8807	0.9095	0.9386	0.9683	1.0000

Hrad:					
	0.0164	0.0327	0.0491	0.0654	0.0818
	0.0981	0.0839	0.0858	0.1041	0.1257
	0.1481	0.1705	0.1926	0.2165	0.2468
	0.2768	0.3066	0.3361	0.3653	0.3943
	0.4229	0.4514	0.4796	0.5075	0.5353
	0.5628	0.5901	0.6172	0.6440	0.6706
	0.6940	0.7173	0.7403	0.7632	0.7859
	0.8085	0.8309	0.8531	0.8752	0.8971
	0.9171	0.9365	0.9558	0.9750	0.9941
	1.0132	1.0322	1.0511	1.0438	1.0000

Width:					
	0.0141	0.0283	0.0424	0.0565	0.0706
	0.0848	0.3463	0.4190	0.4496	0.4802
	0.5108	0.5414	0.5720	0.5958	0.6025
	0.6090	0.6155	0.6220	0.6286	0.6351
	0.6416	0.6481	0.6546	0.6611	0.6677
	0.6742	0.6807	0.6872	0.6937	0.7003
	0.7101	0.7199	0.7296	0.7394	0.7491
	0.7589	0.7687	0.7784	0.7882	0.7979
	0.8094	0.8213	0.8332	0.8450	0.8569
	0.8688	0.8807	0.8926	0.9273	1.0000

Transect T-C93

Area:					
	0.0011	0.0043	0.0105	0.0198	0.0299
	0.0406	0.0520	0.0641	0.0794	0.0982
	0.1171	0.1361	0.1553	0.1747	0.1942
	0.2139	0.2338	0.2538	0.2739	0.2942
	0.3147	0.3353	0.3561	0.3770	0.3981
	0.4194	0.4408	0.4623	0.4841	0.5060
	0.5282	0.5506	0.5732	0.5961	0.6193
	0.6427	0.6663	0.6902	0.7143	0.7386
	0.7632	0.7881	0.8133	0.8388	0.8648
	0.8911	0.9177	0.9448	0.9722	1.0000

Hrad:					
	0.0142	0.0259	0.0367	0.0567	0.0803
	0.1027	0.1243	0.1450	0.1193	0.1462
	0.1729	0.1994	0.2257	0.2518	0.2776
	0.3033	0.3288	0.3541	0.3793	0.4042

	0.4290	0.4537	0.4781	0.5024	0.5266
	0.5505	0.5744	0.5981	0.6212	0.6422
	0.6631	0.6837	0.7043	0.7247	0.7450
	0.7651	0.7852	0.8051	0.8248	0.8445
	0.8640	0.8819	0.8968	0.9116	0.9264
	0.9411	0.9559	0.9706	0.9853	1.0000
Width:					
	0.0742	0.1650	0.2867	0.3492	0.3726
	0.3960	0.4195	0.4429	0.6671	0.6727
	0.6783	0.6839	0.6895	0.6951	0.7007
	0.7063	0.7119	0.7175	0.7231	0.7287
	0.7342	0.7398	0.7454	0.7510	0.7566
	0.7622	0.7678	0.7734	0.7795	0.7882
	0.7968	0.8055	0.8141	0.8228	0.8314
	0.8401	0.8487	0.8574	0.8660	0.8747
	0.8833	0.8936	0.9069	0.9202	0.9335
	0.9468	0.9601	0.9734	0.9867	1.0000

Transect T-C94

Area:

	0.0002	0.0009	0.0020	0.0035	0.0055
	0.0079	0.0109	0.0157	0.0228	0.0361
	0.0517	0.0683	0.0862	0.1052	0.1251
	0.1452	0.1655	0.1860	0.2067	0.2277
	0.2490	0.2705	0.2922	0.3142	0.3364
	0.3589	0.3816	0.4046	0.4278	0.4513
	0.4750	0.4990	0.5233	0.5481	0.5732
	0.5987	0.6245	0.6508	0.6774	0.7044
	0.7317	0.7595	0.7877	0.8164	0.8455
	0.8750	0.9050	0.9354	0.9668	1.0000

Hrad:

	0.0169	0.0338	0.0506	0.0675	0.0844
	0.1013	0.1158	0.1206	0.1197	0.1144
	0.1283	0.1472	0.1678	0.1888	0.2129
	0.2447	0.2761	0.3068	0.3370	0.3669
	0.3965	0.4258	0.4549	0.4836	0.5121
	0.5404	0.5684	0.5962	0.6237	0.6511
	0.6782	0.7017	0.7248	0.7478	0.7706
	0.7932	0.8157	0.8380	0.8602	0.8822
	0.9025	0.9223	0.9421	0.9617	0.9813
	1.0008	1.0202	1.0395	1.0189	1.0000

Width:

	0.0129	0.0257	0.0386	0.0514	0.0643
	0.0771	0.1117	0.1702	0.2870	0.4393
	0.4733	0.5073	0.5413	0.5753	0.5876
	0.5934	0.5992	0.6062	0.6134	0.6206
	0.6278	0.6350	0.6422	0.6494	0.6566
	0.6638	0.6710	0.6782	0.6854	0.6926
	0.6998	0.7105	0.7215	0.7324	0.7433
	0.7542	0.7651	0.7760	0.7869	0.7978
	0.8102	0.8229	0.8357	0.8484	0.8612
	0.8739	0.8866	0.8994	0.9487	1.0000

Transect T-C97

Area:

	0.0002	0.0009	0.0020	0.0035	0.0055
	0.0079	0.0108	0.0141	0.0178	0.0220
	0.0266	0.0316	0.0376	0.0449	0.0590
	0.0798	0.1031	0.1264	0.1499	0.1736
	0.1973	0.2213	0.2453	0.2696	0.2940
	0.3186	0.3435	0.3685	0.3939	0.4194
	0.4452	0.4712	0.4975	0.5239	0.5506
	0.5776	0.6047	0.6321	0.6597	0.6877
	0.7162	0.7453	0.7749	0.8051	0.8359
	0.8672	0.8993	0.9321	0.9657	1.0000

Hrad:

	0.0172	0.0343	0.0515	0.0687	0.0858
	0.1030	0.1201	0.1373	0.1545	0.1716
	0.1888	0.2005	0.2003	0.2024	0.1870
	0.1199	0.1538	0.1875	0.2209	0.2541
	0.2872	0.3200	0.3527	0.3851	0.4161
	0.4467	0.4771	0.5073	0.5372	0.5668
	0.5963	0.6255	0.6546	0.6834	0.7120
	0.7404	0.7687	0.7967	0.8246	0.8441
	0.8623	0.8804	0.8986	0.9167	0.9347
	0.9492	0.9616	0.9742	0.9870	1.0000

Width:

	0.0127	0.0253	0.0380	0.0506	0.0633
	0.0759	0.0886	0.1012	0.1139	0.1265
	0.1392	0.1561	0.1859	0.3287	0.4901
	0.6667	0.6709	0.6750	0.6792	0.6833
	0.6874	0.6916	0.6957	0.6999	0.7063
	0.7130	0.7196	0.7262	0.7329	0.7395
	0.7461	0.7528	0.7594	0.7660	0.7727
	0.7793	0.7859	0.7926	0.7992	0.8139
	0.8298	0.8458	0.8618	0.8778	0.8937
	0.9132	0.9349	0.9566	0.9783	1.0000

Analysis Options

Flow Units CMS

Process Models:

Rainfall/Runoff YES
RDII NO
Snowmelt NO
Groundwater NO
Flow Routing YES
Ponding Allowed YES
Water Quality NO
Infiltration Method CURVE_NUMBER
Flow Routing Method DYNWAVE

Surcharge Method EXTRAN
 Starting Date 09/13/2025 00:00:00
 Ending Date 09/15/2025 00:00:00
 Antecedent Dry Days 0.0
 Report Time Step 00:01:00
 Wet Time Step 00:05:00
 Dry Time Step 00:05:00
 Routing Time Step 5.00 sec
 Variable Time Step YES
 Maximum Trials 8
 Number of Threads 6
 Head Tolerance 0.001500 m

	Volume hectare-m	Depth mm
Runoff Quantity Continuity	-----	-----
Total Precipitation	13.251	48.000
Evaporation Loss	0.000	0.000
Infiltration Loss	10.168	36.834
Surface Runoff	2.731	9.892
Final Storage	0.355	1.285
Continuity Error (%)	-0.023	

	Volume hectare-m	Volume 10^6 ltr
Flow Routing Continuity	-----	-----
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	2.731	27.306
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	2.711	27.112
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.001
Final Stored Volume	0.018	0.184
Continuity Error (%)	0.039	

 Highest Continuity Errors

 Node J12_1 (69.22%)
 Node J964 (6.21%)
 Node J9_1 (4.77%)
 Node J43 (3.22%)
 Node J23 (2.92%)

 Time-Step Critical Elements

 Link C137 (34.26%)

 Highest Flow Instability Indexes

 Link C147 (11)
 Link C371 (7)
 Link C17 (4)
 Link C560_1 (4)
 Link C20_2 (3)

 Most Frequent Nonconverging Nodes

 Convergence obtained at all time steps.

 Routing Time Step Summary

 Minimum Time Step : 2.51 sec
 Average Time Step : 4.57 sec
 Maximum Time Step : 5.00 sec
 % of Time in Steady State : 0.00
 Average Iterations per Step : 2.00
 % of Steps Not Converging : 0.00
 Time Step Frequencies :
 5.000 - 3.155 sec : 94.07 %
 3.155 - 1.991 sec : 5.93 %
 1.991 - 1.256 sec : 0.00 %
 1.256 - 0.792 sec : 0.00 %
 0.792 - 0.500 sec : 0.00 %

 Subcatchment Runoff Summary

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff CMS	Runoff Coeff
S1	48.00	0.00	0.00	36.33	2.34	8.09	10.43	0.09	0.01	0.217
S10	48.00	0.00	0.00	35.83	2.34	8.60	10.94	0.04	0.00	0.228
S100	48.00	0.00	0.00	36.23	2.34	8.18	10.52	0.19	0.02	0.219

S85	48.00	0.00	0.00	36.64	2.35	7.76	10.11	0.03	0.00	0.211
S86	48.00	0.00	0.00	36.51	2.35	7.91	10.26	0.06	0.01	0.214
S87	48.00	0.00	0.00	37.52	2.35	6.89	9.24	0.32	0.03	0.193
S88	48.00	0.00	0.00	35.78	2.34	8.65	10.99	0.08	0.01	0.229
S89	48.00	0.00	0.00	36.66	2.35	7.74	10.09	0.06	0.01	0.210
S9	48.00	0.00	0.00	36.33	2.34	8.09	10.43	0.05	0.01	0.217
S90	48.00	0.00	0.00	30.23	2.34	14.14	16.48	0.18	0.02	0.343
S91	48.00	0.00	0.00	38.61	2.35	4.33	6.69	0.03	0.00	0.139
S92	48.00	0.00	0.00	37.93	2.35	6.49	8.84	0.08	0.01	0.184
S93	48.00	0.00	0.00	36.01	2.34	8.40	10.74	0.12	0.01	0.224
S94	48.00	0.00	0.00	36.91	2.35	7.49	9.84	0.18	0.02	0.205
S95	48.00	0.00	0.00	37.79	2.35	6.60	8.95	0.05	0.00	0.187
S96	48.00	0.00	0.00	36.35	2.34	8.07	10.41	0.05	0.00	0.217
S97	48.00	0.00	0.00	36.60	2.35	7.80	10.15	0.03	0.00	0.211
S98	48.00	0.00	0.00	30.82	2.34	13.60	15.94	0.33	0.03	0.332
S99	48.00	0.00	0.00	36.75	2.35	7.66	10.01	0.06	0.01	0.208

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
15017	JUNCTION	0.07	0.15	95.56	0 12:28	0.15
15023	JUNCTION	0.04	0.11	95.55	0 12:27	0.11
15115	JUNCTION	0.05	0.13	96.15	0 12:07	0.13
15161	JUNCTION	0.03	0.09	95.80	0 12:08	0.09
15169	JUNCTION	0.03	0.09	95.59	0 12:15	0.09
15183	JUNCTION	0.07	0.17	95.57	0 12:26	0.17
15526	JUNCTION	0.05	0.10	95.48	0 12:39	0.10
15536	JUNCTION	0.13	0.21	95.48	0 12:39	0.21
16468	JUNCTION	0.01	0.05	96.28	0 12:00	0.05
16472	JUNCTION	0.00	0.00	96.77	0 00:00	0.00
16496	JUNCTION	0.02	0.07	96.34	0 12:00	0.07
16553	JUNCTION	0.00	0.00	96.37	0 00:00	0.00
16555	JUNCTION	0.00	0.00	96.79	0 00:00	0.00
16576	JUNCTION	0.00	0.00	96.48	0 00:00	0.00
16611	JUNCTION	0.01	0.05	96.45	0 12:00	0.05
16639	JUNCTION	0.01	0.04	96.21	0 12:01	0.04
16641	JUNCTION	0.00	0.00	96.41	0 00:00	0.00
16677	JUNCTION	0.06	0.17	96.09	0 13:31	0.17
16797	JUNCTION	0.03	0.08	96.67	0 12:24	0.08
16799	JUNCTION	0.00	0.00	97.10	0 00:00	0.00
16815	JUNCTION	0.02	0.07	96.76	0 12:16	0.07
16874	JUNCTION	0.02	0.06	97.00	0 12:15	0.06
16876	JUNCTION	0.00	0.00	97.44	0 00:00	0.00
16902	JUNCTION	0.02	0.06	97.08	0 12:14	0.06
17000	JUNCTION	0.02	0.07	97.30	0 12:07	0.07
17050	JUNCTION	0.04	0.12	97.43	0 12:06	0.12
17077	JUNCTION	0.00	0.00	97.47	0 00:00	0.00
17111	JUNCTION	0.00	0.00	97.14	0 00:00	0.00
17114	JUNCTION	0.00	0.00	98.13	0 00:00	0.00
17125	JUNCTION	0.00	0.00	97.51	0 00:00	0.00
17181	JUNCTION	0.00	0.00	97.98	0 00:00	0.00
17189	JUNCTION	0.00	0.00	97.80	0 00:00	0.00
17196	JUNCTION	0.00	0.00	98.42	0 00:00	0.00
17262	JUNCTION	0.03	0.08	95.48	0 12:39	0.08
17276	JUNCTION	0.04	0.11	95.16	0 12:44	0.11
17290	JUNCTION	0.04	0.11	95.14	0 12:46	0.11
17305	JUNCTION	0.02	0.05	95.07	0 12:47	0.05
17316	JUNCTION	0.09	0.16	95.02	0 12:53	0.16
17319	JUNCTION	0.00	0.00	95.50	0 00:00	0.00
30259	JUNCTION	0.06	0.18	92.30	0 12:57	0.18
30475	JUNCTION	0.09	0.22	93.07	0 13:08	0.22
30654	JUNCTION	0.00	0.00	93.32	0 00:00	0.00
30690	JUNCTION	0.01	0.03	93.27	0 12:00	0.03
30703	JUNCTION	0.02	0.08	93.07	0 12:02	0.08
30723	JUNCTION	0.03	0.09	93.06	0 13:19	0.09
30741	JUNCTION	0.01	0.07	93.06	0 13:18	0.07
30776	JUNCTION	0.14	0.38	93.06	0 13:50	0.38
30790	JUNCTION	0.01	0.05	93.09	0 12:05	0.05
30821	JUNCTION	0.03	0.11	93.29	0 12:03	0.11
30846	JUNCTION	0.01	0.03	93.54	0 12:00	0.03
30874	JUNCTION	0.00	0.00	94.14	0 00:00	0.00
30901	JUNCTION	0.00	0.00	95.23	0 00:00	0.00
30961	JUNCTION	0.05	0.13	93.92	0 12:03	0.13
31055	JUNCTION	0.04	0.10	93.45	0 12:03	0.10
31056	JUNCTION	0.00	0.00	94.36	0 00:00	0.00
31282	JUNCTION	0.16	0.25	93.76	0 14:04	0.25
31294	JUNCTION	0.09	0.18	93.76	0 14:04	0.18
31330	JUNCTION	0.07	0.17	93.77	0 14:15	0.17
31346	JUNCTION	0.08	0.18	93.77	0 14:15	0.18
31478	JUNCTION	0.06	0.15	93.77	0 14:20	0.15
31499	JUNCTION	0.06	0.14	93.77	0 14:20	0.14
31616	JUNCTION	0.06	0.18	93.75	0 12:03	0.18
31659	JUNCTION	0.16	0.39	93.20	0 14:43	0.39
31679	JUNCTION	0.10	0.22	93.47	0 14:44	0.22
31692	JUNCTION	0.21	0.43	93.60	0 14:44	0.43
31717	JUNCTION	0.19	0.41	93.61	0 14:44	0.41
31727	JUNCTION	0.08	0.12	94.55	0 13:31	0.12
31735	JUNCTION	0.02	0.09	94.63	0 13:02	0.09
33004	JUNCTION	0.03	0.08	95.01	0 12:52	0.08
33025	JUNCTION	0.03	0.09	94.91	0 13:01	0.09
33039	JUNCTION	0.03	0.09	94.89	0 12:59	0.09
33074	JUNCTION	0.02	0.04	94.55	0 13:31	0.04
33088	JUNCTION	0.02	0.05	94.22	0 13:32	0.05
33102	JUNCTION	0.02	0.05	94.19	0 13:35	0.05
33116	JUNCTION	0.03	0.08	94.12	0 14:06	0.08
33130	JUNCTION	0.00	0.01	93.94	0 14:07	0.01

33147	JUNCTION	0.08	0.20	93.74	0	14:42	0.20
33161	JUNCTION	0.08	0.18	93.69	0	14:42	0.18
35248	JUNCTION	0.02	0.08	96.16	0	12:07	0.08
35262	JUNCTION	0.03	0.09	96.21	0	12:02	0.09
J1	JUNCTION	0.08	0.19	93.75	0	14:41	0.19
J100	JUNCTION	0.01	0.04	98.42	0	12:01	0.04
J1010	JUNCTION	0.08	0.23	93.94	0	13:25	0.23
J102	JUNCTION	0.00	0.03	98.29	0	12:01	0.03
J1036	JUNCTION	0.07	0.16	93.68	0	12:24	0.16
J109	JUNCTION	0.01	0.05	98.40	0	12:02	0.05
J11	JUNCTION	0.06	0.18	95.85	0	13:36	0.18
J112	JUNCTION	0.01	0.03	97.57	0	12:00	0.03
J114	JUNCTION	0.01	0.03	97.68	0	12:07	0.03
J1142	JUNCTION	0.02	0.11	93.59	0	12:02	0.11
J116	JUNCTION	0.01	0.03	96.49	0	12:00	0.03
J12	JUNCTION	0.03	0.13	95.46	0	12:07	0.13
J12_1	JUNCTION	0.00	0.00	96.33	0	12:03	0.00
J1209	JUNCTION	0.10	0.28	94.97	0	14:40	0.28
J1210	JUNCTION	0.01	0.06	97.44	0	12:02	0.06
J1212	JUNCTION	0.05	0.17	95.12	0	12:43	0.17
J1213	JUNCTION	0.03	0.11	94.91	0	12:04	0.11
J1216	JUNCTION	0.03	0.10	96.75	0	13:44	0.10
J1219	JUNCTION	0.04	0.13	96.32	0	13:27	0.13
J122	JUNCTION	0.07	0.22	97.04	0	13:16	0.22
J1222	JUNCTION	0.02	0.06	96.04	0	12:28	0.06
J1225	JUNCTION	0.03	0.08	98.31	0	13:30	0.08
J1227	JUNCTION	0.02	0.07	98.57	0	12:03	0.07
J1229	JUNCTION	0.02	0.06	97.25	0	13:00	0.06
J1231	JUNCTION	0.05	0.15	97.59	0	12:42	0.15
J1232	JUNCTION	0.02	0.08	96.89	0	12:03	0.08
J1233	JUNCTION	0.14	0.30	93.10	0	14:40	0.30
J124	JUNCTION	0.00	0.01	97.68	0	12:01	0.01
J1240	JUNCTION	0.05	0.17	94.87	0	13:04	0.17
J1241	JUNCTION	0.05	0.15	95.33	0	14:18	0.15
J1249	JUNCTION	0.09	0.25	95.05	0	14:31	0.25
J1254	JUNCTION	0.04	0.12	96.86	0	13:35	0.12
J1258	JUNCTION	0.01	0.06	96.22	0	12:04	0.06
J1259	JUNCTION	0.02	0.08	95.62	0	12:05	0.07
J126	JUNCTION	0.04	0.12	97.43	0	12:49	0.12
J1260	JUNCTION	0.03	0.16	95.69	0	12:00	0.16
J1268	JUNCTION	0.05	0.15	95.35	0	12:40	0.15
J1270	JUNCTION	0.08	0.24	95.21	0	14:22	0.24
J1272	JUNCTION	0.05	0.22	93.89	0	12:03	0.22
J1273	JUNCTION	0.07	0.23	97.03	0	13:18	0.23
J1276	JUNCTION	0.02	0.13	93.91	0	12:00	0.13
J1277	JUNCTION	0.02	0.08	97.26	0	12:21	0.08
J1278	JUNCTION	0.07	0.22	94.28	0	13:16	0.22
J1279	JUNCTION	0.01	0.05	97.51	0	12:20	0.05
J1280	JUNCTION	0.02	0.08	97.32	0	12:13	0.08
J1294	JUNCTION	0.03	0.11	97.13	0	13:25	0.11
J1299	JUNCTION	0.01	0.08	95.22	0	12:02	0.08
J13	JUNCTION	0.03	0.11	98.35	0	12:00	0.11
J1300	JUNCTION	0.06	0.12	97.29	0	12:14	0.12
J1301	JUNCTION	0.07	0.20	95.81	0	14:12	0.20
J1306	JUNCTION	0.01	0.04	97.56	0	12:09	0.04
J1308	JUNCTION	0.02	0.07	94.88	0	12:02	0.07
J1314	JUNCTION	0.03	0.10	95.94	0	12:05	0.10
J1318	JUNCTION	0.07	0.22	95.58	0	12:31	0.22
J1322	JUNCTION	0.01	0.07	94.02	0	12:00	0.07
J1324	JUNCTION	0.05	0.16	97.71	0	12:35	0.16
J1325	JUNCTION	0.05	0.20	93.89	0	12:03	0.20
J1329	JUNCTION	0.08	0.25	94.83	0	13:06	0.25
J1330	JUNCTION	0.03	0.09	93.62	0	12:28	0.09
J1331	JUNCTION	0.05	0.17	94.76	0	12:22	0.17
J1332	JUNCTION	0.05	0.14	95.97	0	14:02	0.14
J1334	JUNCTION	0.05	0.10	94.59	0	14:11	0.10
J1335	JUNCTION	0.05	0.12	93.26	0	12:35	0.12
J1338	JUNCTION	0.04	0.13	97.21	0	13:04	0.13
J1344	JUNCTION	0.10	0.27	97.01	0	13:20	0.27
J1348	JUNCTION	0.08	0.23	94.67	0	13:06	0.23
J135	JUNCTION	0.00	0.01	97.18	0	12:03	0.01
J1352	JUNCTION	0.09	0.26	93.44	0	13:34	0.26
J1355	JUNCTION	0.07	0.18	94.73	0	14:39	0.18
J138	JUNCTION	0.01	0.04	98.50	0	12:07	0.04
J14	JUNCTION	0.04	0.15	95.38	0	12:23	0.15
J140	JUNCTION	0.01	0.03	98.34	0	12:16	0.03
J142	JUNCTION	0.05	0.14	96.79	0	13:25	0.14
J15	JUNCTION	0.01	0.05	96.40	0	12:02	0.05
J153	JUNCTION	0.01	0.04	97.10	0	12:03	0.04
J159	JUNCTION	0.01	0.07	96.86	0	13:35	0.07
J161	JUNCTION	0.00	0.02	97.76	0	12:00	0.02
J165	JUNCTION	0.01	0.06	96.60	0	12:01	0.06
J167	JUNCTION	0.00	0.02	97.53	0	12:01	0.02
J169	JUNCTION	0.03	0.10	97.09	0	13:34	0.10
J17	JUNCTION	0.09	0.18	98.35	0	13:03	0.18
J172	JUNCTION	0.00	0.03	96.78	0	12:01	0.03
J18	JUNCTION	0.04	0.14	95.29	0	12:32	0.14
J19	JUNCTION	0.01	0.04	95.12	0	12:55	0.04
J190	JUNCTION	0.02	0.07	97.23	0	13:02	0.07
J199	JUNCTION	0.00	0.01	97.56	0	12:04	0.01
J2	JUNCTION	0.08	0.23	93.88	0	14:41	0.23
J20	JUNCTION	0.05	0.13	98.35	0	12:01	0.13
J201	JUNCTION	0.04	0.13	97.22	0	13:05	0.13
J205	JUNCTION	0.06	0.15	97.14	0	13:20	0.15
J209	JUNCTION	0.03	0.11	96.44	0	13:48	0.11
J21	JUNCTION	0.00	0.05	93.75	0	12:03	0.05
J217	JUNCTION	0.01	0.04	97.28	0	12:01	0.04
J219	JUNCTION	0.01	0.05	97.45	0	12:38	0.05
J221	JUNCTION	0.08	0.25	95.30	0	14:02	0.25
J225	JUNCTION	0.02	0.06	97.29	0	12:00	0.06
J227	JUNCTION	0.00	0.02	96.38	0	12:00	0.02
J229	JUNCTION	0.01	0.06	96.45	0	12:00	0.06
J23	JUNCTION	0.14	0.23	98.34	0	13:05	0.23

J232	JUNCTION	0.01	0.05	96.51	0	12:00	0.05
J241	JUNCTION	0.01	0.06	96.44	0	12:01	0.06
J25	JUNCTION	0.03	0.14	93.39	0	12:02	0.14
J254	JUNCTION	0.00	0.03	97.13	0	12:00	0.03
J273	JUNCTION	0.01	0.06	97.19	0	12:01	0.06
J275	JUNCTION	0.01	0.04	96.21	0	12:11	0.04
J28	JUNCTION	0.06	0.14	98.34	0	13:06	0.14
J281	JUNCTION	0.01	0.04	96.32	0	12:00	0.04
J283	JUNCTION	0.03	0.10	96.22	0	13:54	0.10
J294	JUNCTION	0.03	0.09	96.29	0	13:50	0.09
J299	JUNCTION	0.01	0.03	96.11	0	12:02	0.03
J3	JUNCTION	0.08	0.24	94.12	0	14:42	0.24
J30	JUNCTION	0.01	0.06	97.69	0	12:00	0.06
J304	JUNCTION	0.01	0.06	96.03	0	12:00	0.06
J319	JUNCTION	0.02	0.09	95.97	0	14:02	0.09
J32	JUNCTION	0.08	0.16	98.34	0	13:07	0.16
J329	JUNCTION	0.00	0.03	95.20	0	12:00	0.03
J35	JUNCTION	0.20	0.30	98.34	0	13:07	0.30
J355	JUNCTION	0.01	0.02	94.32	0	14:09	0.02
J36	JUNCTION	0.01	0.06	93.48	0	12:05	0.06
J360	JUNCTION	0.01	0.04	95.95	0	12:00	0.04
J362	JUNCTION	0.01	0.06	96.35	0	12:08	0.06
J37	JUNCTION	0.01	0.08	99.00	0	12:00	0.08
J372	JUNCTION	0.01	0.06	96.64	0	12:05	0.06
J384	JUNCTION	0.01	0.07	94.93	0	12:04	0.07
J39	JUNCTION	0.01	0.05	97.83	0	12:02	0.05
J392	JUNCTION	0.01	0.05	95.39	0	12:00	0.05
J394	JUNCTION	0.01	0.04	95.18	0	12:00	0.04
J396	JUNCTION	0.01	0.05	95.05	0	12:01	0.05
J398	JUNCTION	0.04	0.14	95.83	0	14:11	0.14
J4	JUNCTION	0.03	0.11	95.41	0	12:17	0.11
J41	JUNCTION	0.01	0.04	98.14	0	12:00	0.04
J419	JUNCTION	0.02	0.10	95.99	0	12:10	0.10
J43	JUNCTION	0.26	0.33	98.31	0	13:30	0.33
J443	JUNCTION	0.02	0.14	95.80	0	11:53	0.14
J447	JUNCTION	0.01	0.04	95.44	0	12:00	0.04
J449	JUNCTION	0.03	0.13	94.86	0	12:11	0.13
J451	JUNCTION	0.01	0.08	95.33	0	12:01	0.08
J453	JUNCTION	0.01	0.06	94.87	0	12:04	0.06
J455	JUNCTION	0.02	0.11	95.67	0	12:00	0.11
J46	JUNCTION	0.07	0.17	95.87	0	12:10	0.17
J462	JUNCTION	0.06	0.17	94.74	0	14:29	0.17
J467	JUNCTION	0.02	0.09	95.36	0	12:00	0.09
J47	JUNCTION	0.01	0.06	95.96	0	12:08	0.06
J472	JUNCTION	0.02	0.10	95.37	0	12:00	0.10
J475	JUNCTION	0.02	0.09	95.25	0	12:02	0.09
J479	JUNCTION	0.13	0.25	94.86	0	12:11	0.25
J48	JUNCTION	0.01	0.07	97.51	0	12:01	0.07
J491	JUNCTION	0.06	0.17	94.78	0	14:04	0.17
J493	JUNCTION	0.00	0.03	94.72	0	12:00	0.03
J5	JUNCTION	0.01	0.05	95.59	0	12:01	0.05
J50	JUNCTION	0.04	0.15	94.86	0	12:12	0.15
J51	JUNCTION	0.06	0.18	95.77	0	13:38	0.18
J52	JUNCTION	0.02	0.07	98.67	0	12:07	0.07
J523	JUNCTION	0.05	0.15	94.58	0	14:13	0.15
J525	JUNCTION	0.05	0.19	95.59	0	12:31	0.19
J54	JUNCTION	0.03	0.08	97.44	0	12:02	0.08
J56	JUNCTION	0.01	0.06	97.46	0	12:07	0.06
J562	JUNCTION	0.14	0.35	94.92	0	14:45	0.35
J576	JUNCTION	0.04	0.15	95.21	0	14:22	0.15
J58	JUNCTION	0.02	0.07	93.77	0	14:18	0.07
J580	JUNCTION	0.00	0.03	94.52	0	12:01	0.03
J584	JUNCTION	0.05	0.17	95.43	0	12:31	0.17
J59	JUNCTION	0.01	0.08	98.97	0	12:01	0.08
J596	JUNCTION	0.02	0.08	95.35	0	12:41	0.08
J598	JUNCTION	0.06	0.20	94.12	0	14:41	0.20
J602	JUNCTION	0.00	0.02	95.24	0	12:01	0.02
J61	JUNCTION	0.01	0.03	98.65	0	12:01	0.03
J611	JUNCTION	0.01	0.04	95.17	0	12:00	0.04
J623	JUNCTION	0.02	0.08	95.11	0	12:00	0.08
J63	JUNCTION	0.03	0.08	97.44	0	12:02	0.08
J633	JUNCTION	0.14	0.33	93.96	0	14:44	0.33
J644	JUNCTION	0.01	0.04	95.01	0	12:02	0.04
J646	JUNCTION	0.01	0.06	95.05	0	12:02	0.06
J650	JUNCTION	0.07	0.21	95.07	0	12:49	0.21
J658	JUNCTION	0.02	0.08	95.10	0	12:02	0.08
J66	JUNCTION	0.00	0.03	99.00	0	12:00	0.03
J660	JUNCTION	0.02	0.06	95.06	0	12:04	0.06
J664	JUNCTION	0.02	0.07	95.06	0	12:04	0.07
J668	JUNCTION	0.03	0.11	94.14	0	12:14	0.11
J673	JUNCTION	0.10	0.25	93.90	0	14:42	0.25
J676	JUNCTION	0.04	0.14	94.92	0	12:58	0.14
J68	JUNCTION	0.01	0.06	97.73	0	12:00	0.06
J684	JUNCTION	0.01	0.04	95.01	0	12:04	0.04
J686	JUNCTION	0.02	0.10	94.97	0	12:00	0.10
J693	JUNCTION	0.05	0.17	95.04	0	12:50	0.17
J7	JUNCTION	0.02	0.12	95.59	0	12:04	0.12
J70	JUNCTION	0.06	0.19	95.65	0	13:44	0.19
J703	JUNCTION	0.01	0.05	94.99	0	13:10	0.05
J710	JUNCTION	0.01	0.04	94.43	0	12:03	0.04
J712	JUNCTION	0.06	0.17	95.01	0	12:51	0.17
J718	JUNCTION	0.02	0.05	94.98	0	13:24	0.05
J72	JUNCTION	0.02	0.08	98.20	0	12:09	0.08
J720	JUNCTION	0.01	0.04	94.88	0	12:00	0.04
J728	JUNCTION	0.01	0.07	94.94	0	12:00	0.07
J737	JUNCTION	0.04	0.15	94.87	0	13:04	0.15
J744	JUNCTION	0.02	0.10	94.59	0	12:04	0.10
J746	JUNCTION	0.02	0.09	94.69	0	12:04	0.09
J748	JUNCTION	0.02	0.11	94.65	0	12:06	0.11
J75	JUNCTION	0.02	0.08	97.72	0	12:35	0.08
J757	JUNCTION	0.02	0.10	94.83	0	12:01	0.10
J76	JUNCTION	0.08	0.24	95.73	0	14:15	0.24
J761	JUNCTION	0.04	0.11	94.94	0	12:03	0.11

J77	JUNCTION	0.01	0.03	97.53	0	12:00	0.03
J777	JUNCTION	0.07	0.24	94.84	0	13:05	0.24
J779	JUNCTION	0.01	0.04	94.96	0	12:02	0.04
J797	JUNCTION	0.02	0.09	94.80	0	12:02	0.09
J80	JUNCTION	0.06	0.22	97.03	0	13:18	0.22
J803	JUNCTION	0.02	0.10	94.37	0	12:00	0.10
J82	JUNCTION	0.00	0.02	100.52	0	12:03	0.02
J834	JUNCTION	0.05	0.13	94.93	0	12:10	0.13
J84	JUNCTION	0.00	0.02	98.36	0	11:51	0.02
J86	JUNCTION	0.05	0.19	97.01	0	13:19	0.19
J87	JUNCTION	0.04	0.14	94.99	0	12:52	0.14
J88	JUNCTION	0.04	0.13	96.88	0	13:24	0.13
J9	JUNCTION	0.07	0.15	98.35	0	12:02	0.15
J9_1	JUNCTION	0.00	0.04	96.34	0	12:00	0.04
J90	JUNCTION	0.01	0.05	97.28	0	12:16	0.05
J92	JUNCTION	0.00	0.02	101.19	0	12:00	0.02
J923	JUNCTION	0.02	0.11	94.24	0	12:02	0.11
J925	JUNCTION	0.03	0.08	94.59	0	14:14	0.08
J929	JUNCTION	0.03	0.11	94.55	0	12:04	0.11
J95	JUNCTION	0.00	0.03	97.26	0	12:00	0.03
J954	JUNCTION	0.00	0.00	94.70	0	00:00	0.00
J964	JUNCTION	0.05	0.11	94.59	0	14:10	0.11
NOF1_1	JUNCTION	0.12	0.30	92.49	0	12:34	0.30
NOF1	OUTFALL	0.03	0.13	92.13	0	12:34	0.13
NOF2	OUTFALL	0.04	0.10	93.10	0	12:03	0.10
Outfall_A	OUTFALL	0.10	0.29	92.93	0	13:50	0.29
Outfall_B	OUTFALL	0.07	0.17	92.97	0	14:40	0.17

Node Inflow Summary

Node	Type	Maximum Lateral Inflow CMS	Maximum Total Inflow CMS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent
15017	JUNCTION	0.000	0.012	0 12:24	0	0.266	0.297
15023	JUNCTION	0.000	0.012	0 12:30	0	0.265	-0.005
15115	JUNCTION	0.000	0.020	0 12:01	0	0.268	0.373
15161	JUNCTION	0.000	0.015	0 12:10	0	0.267	0.008
15169	JUNCTION	0.000	0.016	0 12:11	0	0.267	0.033
15183	JUNCTION	0.000	0.014	0 12:15	0	0.267	0.381
15526	JUNCTION	0.000	0.012	0 12:31	0	0.265	0.160
15536	JUNCTION	0.000	0.012	0 12:34	0	0.265	1.306
16468	JUNCTION	0.000	0.006	0 12:00	0	0.0713	-0.022
16472	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16496	JUNCTION	0.007	0.007	0 12:00	0.0714	0.072	-0.027
16553	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16555	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16576	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16611	JUNCTION	0.006	0.006	0 12:00	0.0602	0.0602	-0.005
16639	JUNCTION	0.000	0.006	0 12:00	0	0.0602	-0.581
16641	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16677	JUNCTION	0.002	0.103	0 13:24	0.0258	3.32	0.028
16797	JUNCTION	0.000	0.014	0 12:16	0	0.244	-0.053
16799	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16815	JUNCTION	0.000	0.014	0 12:15	0	0.244	0.007
16874	JUNCTION	0.000	0.014	0 12:14	0	0.244	0.002
16876	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16902	JUNCTION	0.000	0.014	0 12:11	0	0.244	0.070
17000	JUNCTION	0.004	0.014	0 12:06	0.0342	0.244	0.070
17050	JUNCTION	0.000	0.018	0 12:01	0	0.21	0.093
17077	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17111	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17114	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17125	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17181	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17189	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17196	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17262	JUNCTION	0.000	0.011	0 12:37	0	0.262	0.050
17276	JUNCTION	0.000	0.011	0 12:39	0	0.261	-0.026
17290	JUNCTION	0.000	0.011	0 12:42	0	0.262	0.125
17305	JUNCTION	0.000	0.011	0 12:46	0	0.261	-0.032
17316	JUNCTION	0.000	0.011	0 12:47	0	0.261	0.770
17319	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
30259	JUNCTION	0.000	0.102	0 12:34	0	2.46	0.079
30475	JUNCTION	0.034	0.084	0 12:00	0.363	1.61	0.574
30654	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
30690	JUNCTION	0.020	0.020	0 12:00	0.204	0.204	-0.019
30703	JUNCTION	0.000	0.020	0 12:00	0	0.204	0.013
30723	JUNCTION	0.006	0.022	0 12:00	0.0645	0.271	0.307
30741	JUNCTION	0.000	0.020	0 12:03	0	0.274	-0.026
30776	JUNCTION	0.017	0.257	0 13:20	0.183	8.7	0.099
30790	JUNCTION	0.000	0.055	0 12:03	0	1.02	-0.018
30821	JUNCTION	0.024	0.058	0 12:00	0.244	1.02	-0.003
30846	JUNCTION	0.009	0.009	0 12:00	0.102	0.102	0.003
30874	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
30901	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
30961	JUNCTION	0.044	0.044	0 12:00	0.464	0.464	0.592
31055	JUNCTION	0.036	0.084	0 12:00	0.372	2.48	-0.018
31056	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
31282	JUNCTION	0.031	0.034	0 12:00	0.328	0.877	1.043
31294	JUNCTION	0.030	0.070	0 12:00	0.315	1.67	0.499
31330	JUNCTION	0.000	0.026	0 12:02	0	0.265	0.060
31346	JUNCTION	0.004	0.039	0 12:00	0.044	0.583	0.312
31478	JUNCTION	0.002	0.017	0 12:00	0.0216	0.166	0.723
31499	JUNCTION	0.020	0.021	0 12:00	0.22	0.221	0.345
31616	JUNCTION	0.001	0.060	0 12:00	0.0111	0.757	0.016
31659	JUNCTION	0.011	0.250	0 14:43	0.116	9.03	0.013
31679	JUNCTION	0.000	0.228	0 14:44	0	8.17	0.003

31692	JUNCTION	0.000	0.228	0	14:44	0	8.17	0.008
31717	JUNCTION	0.000	0.228	0	14:42	0	8.17	0.014
31727	JUNCTION	0.000	0.011	0	13:02	0	0.262	2.783
31735	JUNCTION	0.000	0.011	0	13:01	0	0.259	0.017
33004	JUNCTION	0.000	0.011	0	12:53	0	0.259	-0.033
33025	JUNCTION	0.000	0.010	0	12:53	0	0.259	0.102
33039	JUNCTION	0.000	0.010	0	13:02	0	0.259	0.115
33074	JUNCTION	0.000	0.008	0	13:23	0	0.255	0.336
33088	JUNCTION	0.000	0.008	0	13:31	0	0.251	0.210
33102	JUNCTION	0.000	0.008	0	13:34	0	0.25	-0.164
33116	JUNCTION	0.000	0.011	0	13:37	0	0.251	0.360
33130	JUNCTION	0.000	0.007	0	14:06	0	0.25	0.040
33147	JUNCTION	0.000	0.228	0	14:41	0	8.17	0.011
33161	JUNCTION	0.000	0.228	0	14:42	0	8.17	0.005
35248	JUNCTION	0.000	0.006	0	12:03	0	0.0713	0.134
35262	JUNCTION	0.000	0.006	0	12:00	0	0.0714	0.018
J1	JUNCTION	0.000	0.228	0	14:41	0	8.17	0.010
J100	JUNCTION	0.006	0.027	0	12:00	0.0592	0.311	-0.003
J1010	JUNCTION	0.022	0.174	0	13:17	0.242	5.57	0.004
J102	JUNCTION	0.006	0.016	0	12:00	0.0674	0.171	-0.019
J1036	JUNCTION	0.014	0.052	0	12:00	0.148	1.28	0.339
J109	JUNCTION	0.008	0.033	0	12:00	0.0791	0.39	-0.027
J11	JUNCTION	0.000	0.107	0	13:31	0	3.48	0.040
J112	JUNCTION	0.018	0.018	0	12:00	0.187	0.187	-0.051
J114	JUNCTION	0.003	0.015	0	12:01	0.0344	0.205	0.027
J1142	JUNCTION	0.041	0.041	0	12:00	0.449	0.449	-0.202
J116	JUNCTION	0.016	0.016	0	12:00	0.167	0.167	-0.009
J12	JUNCTION	0.015	0.039	0	12:00	0.155	0.599	0.020
J12_1	JUNCTION	0.000	0.000	0	12:00	0	1.55e-05	10.720 ltr
J1209	JUNCTION	0.012	0.147	0	14:27	0.132	5.11	0.021
J1210	JUNCTION	0.003	0.014	0	12:00	0.0292	0.158	-0.100
J1212	JUNCTION	0.016	0.061	0	12:30	0.176	1.4	-0.034
J1213	JUNCTION	0.006	0.029	0	12:00	0.0514	0.372	0.328
J1216	JUNCTION	0.008	0.092	0	13:37	0.0863	2.88	0.029
J1219	JUNCTION	0.006	0.093	0	13:25	0.0548	2.99	0.001
J122	JUNCTION	0.005	0.064	0	12:50	0.0489	1.97	0.022
J1222	JUNCTION	0.011	0.029	0	12:00	0.121	0.6	0.050
J1225	JUNCTION	0.004	0.026	0	12:39	0.0452	0.761	0.034
J1227	JUNCTION	0.004	0.038	0	12:01	0.0376	0.533	0.029
J1229	JUNCTION	0.003	0.032	0	12:36	0.0306	0.84	0.025
J1231	JUNCTION	0.011	0.060	0	12:32	0.115	1.78	0.029
J1232	JUNCTION	0.009	0.029	0	12:00	0.0964	0.328	0.036
J1233	JUNCTION	0.029	0.376	0	14:36	0.289	13.5	0.117
J124	JUNCTION	0.002	0.002	0	12:00	0.0261	0.0261	0.005
J1240	JUNCTION	0.000	0.078	0	13:00	0	2.36	-0.001
J1241	JUNCTION	0.011	0.127	0	14:16	0.117	4.26	0.007
J1249	JUNCTION	0.040	0.141	0	14:21	0.437	4.85	0.010
J1254	JUNCTION	0.004	0.087	0	13:30	0.0465	2.7	0.032
J1258	JUNCTION	0.006	0.022	0	12:00	0.0647	0.227	-0.414
J1259	JUNCTION	0.007	0.022	0	12:00	0.065	0.252	-0.116
J126	JUNCTION	0.013	0.063	0	12:45	0.137	1.92	-0.011
J1260	JUNCTION	0.033	0.033	0	12:00	0.352	0.352	-0.125
J1268	JUNCTION	0.006	0.069	0	12:31	0.062	1.97	0.015
J1270	JUNCTION	0.002	0.131	0	14:18	0.0119	4.41	0.021
J1272	JUNCTION	0.017	0.054	0	12:00	0.135	0.677	-0.002
J1273	JUNCTION	0.000	0.065	0	13:02	0	2.01	0.004
J1276	JUNCTION	0.046	0.046	0	12:00	0.501	0.501	-0.053
J1277	JUNCTION	0.000	0.048	0	12:13	0	0.981	0.004
J1278	JUNCTION	0.029	0.168	0	13:10	0.317	5.32	0.008
J1279	JUNCTION	0.005	0.026	0	12:03	0.0417	0.602	0.031
J1280	JUNCTION	0.007	0.047	0	12:08	0.0648	0.793	0.005
J1294	JUNCTION	0.006	0.077	0	13:14	0.0678	2.33	0.027
J1299	JUNCTION	0.005	0.041	0	12:01	0.0455	0.481	-0.047
J13	JUNCTION	0.012	0.012	0	12:00	0.133	0.133	-0.022
J1300	JUNCTION	0.003	0.023	0	12:03	0.0304	0.404	2.414
J1301	JUNCTION	0.000	0.124	0	14:06	0	4.11	0.041
J1306	JUNCTION	0.000	0.043	0	12:05	0	0.595	0.026
J1308	JUNCTION	0.027	0.035	0	12:00	0.295	0.678	-0.024
J1314	JUNCTION	0.000	0.042	0	12:00	0	0.734	-0.041
J1318	JUNCTION	0.018	0.073	0	12:01	0.182	1.68	0.044
J1322	JUNCTION	0.025	0.025	0	12:00	0.269	0.269	-0.096
J1324	JUNCTION	0.007	0.053	0	12:30	0.0775	1.5	0.046
J1325	JUNCTION	0.004	0.047	0	12:00	0.0402	0.542	0.037
J1329	JUNCTION	0.012	0.146	0	13:01	0.1	4.14	0.023
J1330	JUNCTION	0.002	0.038	0	12:24	0.0243	1.3	0.000
J1331	JUNCTION	0.005	0.051	0	12:12	0.0489	1.03	0.035
J1332	JUNCTION	0.014	0.115	0	13:57	0.14	3.78	0.045
J1334	JUNCTION	0.012	0.012	0	12:00	0.162	0.187	0.499
J1335	JUNCTION	0.028	0.053	0	12:00	0.3	0.75	0.350
J1338	JUNCTION	0.012	0.071	0	12:39	0.12	2.05	0.043
J1344	JUNCTION	0.004	0.082	0	13:08	0.0428	2.59	0.088
J1348	JUNCTION	0.091	0.158	0	13:03	0.865	5.01	-0.012
J135	JUNCTION	0.004	0.004	0	12:00	0.0423	0.0423	-0.148
J1352	JUNCTION	0.035	0.215	0	13:25	0.357	7.22	0.025
J1355	JUNCTION	0.000	0.182	0	14:36	0	6.4	0.022
J138	JUNCTION	0.016	0.028	0	12:00	0.172	0.375	0.029
J14	JUNCTION	0.018	0.039	0	12:14	0.183	0.889	0.025
J140	JUNCTION	0.013	0.026	0	12:00	0.133	0.508	0.006
J142	JUNCTION	0.000	0.086	0	13:24	0	2.77	0.010
J15	JUNCTION	0.015	0.015	0	12:00	0.165	0.165	-0.511
J153	JUNCTION	0.000	0.016	0	12:00	0	0.163	-0.075
J159	JUNCTION	0.016	0.016	0	12:00	0.164	0.164	-0.015
J161	JUNCTION	0.005	0.005	0	12:00	0.052	0.052	-0.018
J165	JUNCTION	0.029	0.029	0	12:00	0.313	0.313	-0.052
J167	JUNCTION	0.012	0.014	0	12:00	0.107	0.133	-0.023
J169	JUNCTION	0.000	0.080	0	13:26	0	2.49	0.037
J17	JUNCTION	0.011	0.046	0	12:00	0.11	0.528	1.256
J172	JUNCTION	0.009	0.009	0	12:00	0.0922	0.0922	-0.093
J18	JUNCTION	0.033	0.057	0	12:26	0.334	1.22	-0.020
J19	JUNCTION	0.000	0.002	0	12:34	1.02e-05	0.00319	27.329
J190	JUNCTION	0.005	0.033	0	12:52	0.0551	0.895	0.001
J199	JUNCTION	0.000	0.005	0	12:01	0	0.052	0.013
J2	JUNCTION	0.000	0.223	0	14:39	0	7.92	0.017

J20	JUNCTION	0.024	0.035	0	12:00	0.251	0.384	0.070
J201	JUNCTION	0.005	0.034	0	13:00	0.0512	0.946	0.033
J205	JUNCTION	0.017	0.074	0	13:00	0.179	2.22	0.354
J209	JUNCTION	0.003	0.092	0	13:44	0.03	2.91	0.024
J21	JUNCTION	0.000	0.014	0	11:52	0	0.0941	-0.473
J217	JUNCTION	0.008	0.015	0	12:00	0.0819	0.175	-0.018
J219	JUNCTION	0.003	0.026	0	12:22	0.0323	0.634	0.031
J221	JUNCTION	0.015	0.111	0	13:44	0.152	3.67	0.068
J225	JUNCTION	0.009	0.009	0	12:00	0.0941	0.0942	0.678
J227	JUNCTION	0.003	0.003	0	12:00	0.0271	0.0271	-0.046
J229	JUNCTION	0.006	0.006	0	12:00	0.0604	0.0604	-0.015
J23	JUNCTION	0.005	0.039	0	12:01	0.0234	0.545	3.008
J232	JUNCTION	0.009	0.009	0	12:00	0.0917	0.0917	-0.015
J241	JUNCTION	0.013	0.018	0	12:00	0.137	0.197	-0.101
J25	JUNCTION	0.061	0.061	0	12:00	0.491	0.491	-1.056
J254	JUNCTION	0.006	0.006	0	12:00	0.0638	0.0638	-0.061
J273	JUNCTION	0.017	0.017	0	12:00	0.168	0.168	-0.060
J275	JUNCTION	0.005	0.026	0	12:01	0.0523	0.366	0.055
J28	JUNCTION	0.005	0.027	0	12:03	0.0542	0.584	0.452
J281	JUNCTION	0.006	0.014	0	12:00	0.0436	0.135	0.005
J283	JUNCTION	0.000	0.093	0	13:50	0	2.94	0.021
J294	JUNCTION	0.003	0.093	0	13:48	0.0341	2.94	0.008
J299	JUNCTION	0.011	0.011	0	12:00	0.113	0.113	-0.059
J3	JUNCTION	0.000	0.271	0	14:43	0	6.8	0.004
J30	JUNCTION	0.016	0.016	0	12:00	0.165	0.165	-0.028
J304	JUNCTION	0.019	0.019	0	12:00	0.198	0.198	-0.029
J319	JUNCTION	0.010	0.026	0	12:30	0.1	0.699	0.018
J32	JUNCTION	0.000	0.021	0	13:03	0	0.631	0.410
J329	JUNCTION	0.003	0.003	0	12:00	0.0347	0.0347	-0.010
J35	JUNCTION	0.006	0.023	0	12:03	0.0605	0.641	1.904
J355	JUNCTION	0.006	0.008	0	12:00	0.062	0.28	-0.010
J36	JUNCTION	0.000	0.046	0	12:02	0	0.779	0.025
J360	JUNCTION	0.012	0.012	0	12:00	0.128	0.128	-0.016
J362	JUNCTION	0.004	0.025	0	12:06	0.0408	0.416	0.008
J37	JUNCTION	0.024	0.024	0	12:00	0.259	0.259	-0.095
J372	JUNCTION	0.005	0.024	0	12:02	0.0474	0.376	0.005
J384	JUNCTION	0.004	0.015	0	12:00	0.0463	0.18	0.003
J39	JUNCTION	0.007	0.017	0	12:00	0.0706	0.176	-0.011
J392	JUNCTION	0.014	0.014	0	12:00	0.14	0.14	-0.086
J394	JUNCTION	0.004	0.008	0	12:00	0.0434	0.0781	-0.010
J396	JUNCTION	0.005	0.012	0	12:00	0.0559	0.134	-0.010
J398	JUNCTION	0.010	0.118	0	14:03	0.108	3.88	0.017
J4	JUNCTION	0.000	0.036	0	12:04	0	0.706	0.055
J41	JUNCTION	0.010	0.010	0	12:00	0.105	0.105	-0.039
J419	JUNCTION	0.011	0.029	0	12:00	0.119	0.536	-0.004
J43	JUNCTION	0.010	0.010	0	12:00	0.09	0.0908	3.325
J443	JUNCTION	0.038	0.038	0	12:00	0.408	0.408	-0.091
J447	JUNCTION	0.005	0.017	0	12:00	0.0566	0.184	0.000
J449	JUNCTION	0.000	0.025	0	12:04	0	0.398	-0.008
J451	JUNCTION	0.005	0.022	0	12:00	0.044	0.238	-0.001
J453	JUNCTION	0.003	0.025	0	12:03	0.0271	0.398	-0.002
J455	JUNCTION	0.018	0.018	0	12:00	0.187	0.187	-0.079
J46	JUNCTION	0.000	0.015	0	12:08	0	0.267	0.029
J462	JUNCTION	0.013	0.052	0	12:21	0.123	1.16	-0.007
J467	JUNCTION	0.004	0.018	0	12:00	0.044	0.194	-0.010
J47	JUNCTION	0.000	0.015	0	12:08	0	0.267	0.005
J472	JUNCTION	0.015	0.015	0	12:00	0.15	0.15	0.001
J475	JUNCTION	0.002	0.023	0	12:01	0.0127	0.251	0.011
J479	JUNCTION	0.004	0.042	0	12:02	0.0393	0.522	1.786
J48	JUNCTION	0.004	0.020	0	12:00	0.0449	0.21	-0.030
J491	JUNCTION	0.010	0.112	0	14:00	0.0927	3.76	0.027
J493	JUNCTION	0.008	0.008	0	12:00	0.0896	0.0896	-0.167
J5	JUNCTION	0.010	0.010	0	12:00	0.107	0.107	-0.216
J50	JUNCTION	0.010	0.056	0	12:05	0.0758	0.987	-0.033
J51	JUNCTION	0.000	0.107	0	13:36	0	3.48	0.002
J52	JUNCTION	0.004	0.019	0	12:00	0.0401	0.236	0.151
J523	JUNCTION	0.007	0.113	0	14:07	0.0567	3.81	0.043
J525	JUNCTION	0.009	0.075	0	12:00	0.102	1.24	0.063
J54	JUNCTION	0.005	0.005	0	12:00	0.0524	0.0525	0.198
J56	JUNCTION	0.004	0.017	0	12:00	0.0382	0.214	-0.013
J562	JUNCTION	0.014	0.150	0	14:35	0.142	5.25	0.082
J576	JUNCTION	0.013	0.013	0	12:00	0.139	0.139	-0.020
J58	JUNCTION	0.006	0.006	0	12:00	0.0585	0.0587	-0.076
J580	JUNCTION	0.008	0.008	0	12:00	0.0838	0.0838	-0.538
J584	JUNCTION	0.011	0.064	0	12:30	0.109	1.79	-0.006
J59	JUNCTION	0.018	0.018	0	12:00	0.196	0.196	-0.131
J596	JUNCTION	0.011	0.011	0	12:00	0.123	0.123	-0.184
J598	JUNCTION	0.031	0.193	0	14:37	0.306	6.8	-0.006
J602	JUNCTION	0.003	0.003	0	12:00	0.0334	0.0334	-0.083
J61	JUNCTION	0.007	0.023	0	12:00	0.0794	0.252	0.003
J611	JUNCTION	0.012	0.012	0	12:00	0.13	0.13	-0.190
J623	JUNCTION	0.008	0.008	0	12:00	0.0882	0.0882	-0.032
J63	JUNCTION	0.000	0.007	0	12:00	0	0.0771	0.430
J633	JUNCTION	0.007	0.209	0	14:40	0.074	6.87	0.048
J644	JUNCTION	0.003	0.003	0	12:00	0.035	0.035	-0.155
J646	JUNCTION	0.012	0.019	0	12:00	0.125	0.261	-0.007
J650	JUNCTION	0.015	0.072	0	12:40	0.153	2.12	0.049
J658	JUNCTION	0.005	0.012	0	12:00	0.0479	0.136	0.041
J66	JUNCTION	0.016	0.016	0	12:00	0.173	0.173	-0.010
J660	JUNCTION	0.004	0.008	0	12:00	0.0407	0.139	0.014
J664	JUNCTION	0.006	0.008	0	12:00	0.0654	0.0989	0.304
J668	JUNCTION	0.007	0.054	0	12:04	0.0674	0.972	-0.040
J673	JUNCTION	0.008	0.198	0	14:42	0.0798	6.95	0.006
J676	JUNCTION	0.000	0.075	0	12:52	0	2.25	0.002
J68	JUNCTION	0.016	0.016	0	12:00	0.174	0.174	-0.152
J684	JUNCTION	0.003	0.009	0	12:00	0.0369	0.176	-0.035
J686	JUNCTION	0.018	0.018	0	12:00	0.185	0.185	0.025
J693	JUNCTION	0.002	0.072	0	12:48	0.023	2.15	0.003
J7	JUNCTION	0.009	0.040	0	12:00	0.091	0.444	0.055
J70	JUNCTION	0.003	0.108	0	13:38	0.033	3.52	-0.008
J703	JUNCTION	0.000	0.004	0	12:01	0	0.0363	0.311
J710	JUNCTION	0.003	0.019	0	12:01	0.034	0.295	-0.001
J712	JUNCTION	0.010	0.075	0	12:50	0.102	2.25	0.001

J718	JUNCTION	0.006	0.006	0	12:00	0.0691	0.105	0.044
J72	JUNCTION	0.000	0.035	0	12:04	0	0.532	-0.054
J720	JUNCTION	0.008	0.008	0	12:00	0.0825	0.0825	-0.142
J728	JUNCTION	0.003	0.021	0	12:00	0.035	0.22	-0.003
J737	JUNCTION	0.003	0.010	0	12:00	0.0281	0.111	0.094
J744	JUNCTION	0.020	0.040	0	12:00	0.211	0.609	-0.053
J746	JUNCTION	0.003	0.027	0	12:02	0.0359	0.338	0.009
J748	JUNCTION	0.006	0.028	0	12:02	0.0602	0.398	0.006
J75	JUNCTION	0.012	0.030	0	12:30	0.127	0.885	-0.010
J757	JUNCTION	0.008	0.027	0	12:00	0.0818	0.302	0.003
J76	JUNCTION	0.003	0.125	0	14:12	0.0372	4.15	0.024
J761	JUNCTION	0.013	0.019	0	12:00	0.138	0.294	0.001
J77	JUNCTION	0.007	0.007	0	12:00	0.0771	0.0771	-0.021
J777	JUNCTION	0.008	0.064	0	12:53	0.0869	1.68	0.028
J779	JUNCTION	0.005	0.008	0	12:00	0.0527	0.157	-0.013
J797	JUNCTION	0.000	0.025	0	12:01	0	0.302	-0.007
J80	JUNCTION	0.004	0.004	0	12:00	0.0428	0.0428	-0.009
J803	JUNCTION	0.060	0.060	0	12:00	0.652	0.652	-0.070
J82	JUNCTION	0.010	0.019	0	12:00	0.108	0.203	-0.004
J834	JUNCTION	0.010	0.025	0	12:00	0.0914	0.386	0.483
J84	JUNCTION	0.010	0.010	0	12:00	0.103	0.103	-0.010
J86	JUNCTION	0.002	0.023	0	12:16	0.0221	0.532	0.018
J87	JUNCTION	0.002	0.063	0	12:44	0.0219	1.6	0.008
J88	JUNCTION	0.018	0.086	0	13:21	0.184	2.77	-0.001
J9	JUNCTION	0.004	0.037	0	12:00	0.0351	0.419	0.132
J9_1	JUNCTION	0.000	0.001	0	11:51	0	0.000713	5.007
J90	JUNCTION	0.011	0.022	0	12:14	0.116	0.511	-0.034
J92	JUNCTION	0.010	0.010	0	12:00	0.0955	0.0955	-0.008
J923	JUNCTION	0.057	0.057	0	12:00	0.499	0.499	-0.313
J925	JUNCTION	0.003	0.012	0	12:00	0.036	0.218	0.279
J929	JUNCTION	0.042	0.067	0	12:00	0.454	1.13	-0.044
J95	JUNCTION	0.017	0.017	0	12:00	0.163	0.163	-0.018
J954	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
J964	JUNCTION	0.003	0.005	0	11:52	0.0227	0.0265	6.625
NOF1_1	JUNCTION	0.107	0.129	0	12:00	0.863	2.46	-0.068
NOF1	OUTFALL	0.000	0.105	0	12:34	0	2.46	0.000
NOF2	OUTFALL	0.000	0.076	0	12:03	0	2.48	0.000
Outfall_A	OUTFALL	0.000	0.259	0	13:50	0	8.69	0.000
Outfall_B	OUTFALL	0.000	0.376	0	14:40	0	13.5	0.000

Node Surcharge Summary

Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Meters	Min. Depth Below Rim Meters
16472	JUNCTION	48.00	0.000	0.000
16555	JUNCTION	48.00	0.000	0.000
16641	JUNCTION	48.00	0.000	0.000
16799	JUNCTION	48.00	0.000	0.000
16876	JUNCTION	48.00	0.000	0.000
17114	JUNCTION	48.00	0.000	0.000
17196	JUNCTION	48.00	0.000	0.000
17319	JUNCTION	48.00	0.000	0.000
31056	JUNCTION	48.00	0.000	0.000

Node Flooding Summary

No nodes were flooded.

Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 10^6 ltr
NOF1	97.26	0.019	0.105	2.460
NOF2	98.83	0.018	0.076	2.482
Outfall_A	94.52	0.065	0.259	8.687
Outfall_B	91.11	0.104	0.376	13.482
System	95.43	0.205	0.767	27.111

Link Flow Summary

Link	Type	Maximum Flow CMS	Time of Max Occurrence days hr:min	Maximum Veloc m/sec	Max/ Full Flow	Max/ Full Depth
C10	CHANNEL	0.006	0 12:01	0.06	0.00	0.13
C102	CONDUIT	0.029	0 12:13	0.16	0.01	0.13
C103	CONDUIT	0.017	0 12:00	0.15	0.01	0.09
C105	CONDUIT	0.002	0 12:01	0.04	0.00	0.02
C112	CONDUIT	0.037	0 12:24	0.16	0.02	0.15
C113	CONDUIT	0.002	0 12:01	0.04	0.00	0.05
C116	CONDUIT	0.006	0 12:00	0.09	0.00	0.06
C118	CONDUIT	0.032	0 12:00	0.20	0.01	0.13

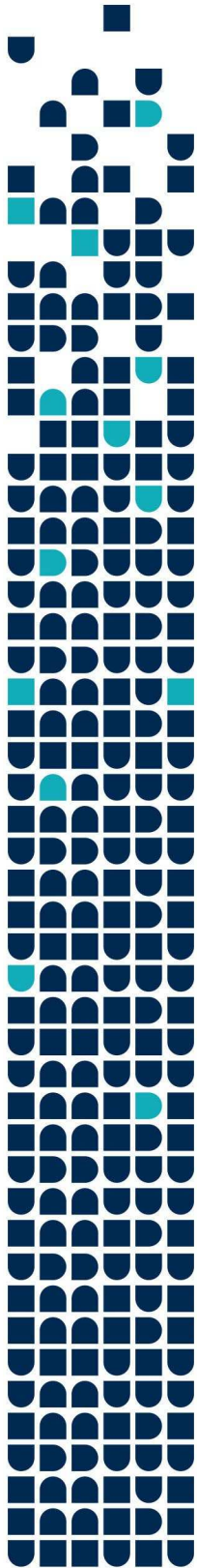
C12_1	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C124	CONDUIT	0.016	0	12:00	0.12	0.00	0.09
C128	CONDUIT	0.043	0	12:04	0.23	0.01	0.13
C13	CONDUIT	0.103	0	13:31	1.16	0.08	0.20
C131	CONDUIT	0.013	0	12:00	0.24	0.00	0.05
C132	CONDUIT	0.016	0	12:01	0.13	0.01	0.09
C134	CONDUIT	0.019	0	12:00	0.17	0.00	0.09
C135	CONDUIT	0.008	0	12:00	0.12	0.00	0.11
C137	CONDUIT	0.014	0	12:14	1.04	0.04	0.14
C138	CONDUIT	0.023	0	12:03	0.16	0.00	0.05
C14	CHANNEL	0.014	0	14:59	0.04	0.01	0.28
C142	CHANNEL	0.376	0	14:40	0.53	0.19	0.17
C144	CONDUIT	0.250	0	14:44	0.85	0.29	0.25
C145	CONDUIT	0.014	0	12:02	0.21	0.00	0.06
C147	CONDUIT	0.259	0	13:50	1.21	0.26	0.37
C15	CHANNEL	0.003	0	14:21	0.05	0.00	0.06
C153	CONDUIT	0.010	0	12:01	0.09	0.00	0.12
C155	CONDUIT	0.011	0	12:00	0.24	0.00	0.04
C156	CONDUIT	0.013	0	12:00	0.15	0.00	0.19
C159	CONDUIT	0.003	0	11:50	0.03	0.00	0.22
C16	CONDUIT	0.014	0	12:00	0.11	0.01	0.10
C163	CONDUIT	0.012	0	12:34	0.12	0.00	0.09
C165	CONDUIT	0.017	0	12:00	0.14	0.00	0.05
C167	CONDUIT	0.004	0	12:04	0.05	0.00	0.03
C17	CONDUIT	0.105	0	12:34	0.74	0.09	0.18
C172	CONDUIT	0.012	0	12:01	0.10	0.00	0.05
C176	CONDUIT	0.018	0	12:00	0.16	0.01	0.09
C180	CONDUIT	0.016	0	12:02	0.27	0.00	0.05
C186	CONDUIT	0.025	0	12:01	0.20	0.01	0.09
C189	CONDUIT	0.015	0	12:08	0.48	0.03	0.25
C190	CONDUIT	0.022	0	12:04	0.23	0.00	0.07
C196	CONDUIT	0.059	0	12:31	0.34	0.17	0.39
C199	CONDUIT	0.012	0	12:07	0.14	0.00	0.07
C2	CHANNEL	0.012	0	12:24	0.11	0.00	0.18
C20_1	CHANNEL	0.054	0	13:08	0.24	0.00	0.18
C20_2	CHANNEL	0.102	0	12:34	0.51	0.01	0.17
C200	CONDUIT	0.038	0	11:56	0.35	0.07	0.30
C202	CONDUIT	0.021	0	12:01	0.19	0.00	0.08
C207	CONDUIT	0.025	0	12:02	0.21	0.01	0.09
C21	CHANNEL	0.042	0	12:03	0.17	0.01	0.26
C213	CONDUIT	0.059	0	12:00	0.29	0.01	0.14
C213_1	CONDUIT	0.010	0	12:02	0.10	0.00	0.11
C213_3	CONDUIT	0.107	0	13:36	0.34	0.02	0.18
C213_4	CONDUIT	0.107	0	13:38	0.33	0.02	0.19
C214	CONDUIT	0.002	0	12:03	0.02	0.00	0.06
C218	CHANNEL	0.000	0	00:00	0.00	0.00	0.03
C22	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C221	CONDUIT	0.016	0	12:00	0.23	0.00	0.06
C223	CONDUIT	0.015	0	12:00	0.17	0.00	0.03
C225	CONDUIT	0.012	0	12:07	0.10	0.00	0.09
C226	CONDUIT	0.016	0	12:04	0.15	0.00	0.12
C23	CONDUIT	0.012	0	12:00	0.13	0.00	0.08
C230	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
C231_1	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C231_2	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C233	CONDUIT	0.005	0	12:04	0.06	0.00	0.07
C234	CONDUIT	0.002	0	12:02	0.06	0.00	0.04
C239	CONDUIT	0.033	0	12:00	0.19	0.01	0.14
C24	CONDUIT	0.009	0	12:00	0.16	0.00	0.02
C241	CONDUIT	0.011	0	12:07	0.11	0.00	0.03
C245	CONDUIT	0.022	0	12:02	0.19	0.01	0.08
C248	CONDUIT	0.036	0	12:00	0.17	0.01	0.16
C25	CHANNEL	0.000	0	00:00	0.00	0.00	0.02
C251	CONDUIT	0.007	0	12:04	0.10	0.00	0.05
C256	CONDUIT	0.035	0	12:01	0.10	0.02	0.20
C259	CONDUIT	0.040	0	12:02	0.16	0.00	0.16
C26	CONDUIT	0.007	0	12:00	0.10	0.00	0.09
C262	CONDUIT	0.025	0	12:04	0.18	0.01	0.10
C263	CONDUIT	0.023	0	12:06	0.29	0.00	0.06
C266	CONDUIT	0.016	0	12:00	0.16	0.00	0.03
C267	CONDUIT	0.022	0	12:01	0.18	0.00	0.04
C268	CONDUIT	0.018	0	12:03	0.22	0.00	0.07
C27_1	CHANNEL	0.009	0	12:00	0.12	0.00	0.10
C27_2	CONDUIT	0.044	0	12:05	0.20	0.00	0.04
C271	CONDUIT	0.019	0	12:00	0.25	0.00	0.08
C272	CHANNEL	0.006	0	12:00	0.24	0.00	0.04
C275	CONDUIT	0.026	0	12:06	0.17	0.01	0.11
C276	CONDUIT	0.035	0	12:04	0.37	0.00	0.08
C277	CHANNEL	0.000	0	00:00	0.00	0.00	0.13
C279	CHANNEL	0.006	0	12:00	0.11	0.00	0.05
C282	CONDUIT	0.046	0	12:14	0.22	0.01	0.15
C283	CHANNEL	0.012	0	12:07	0.15	0.03	0.25
C284	CONDUIT	0.014	0	12:05	0.06	0.00	0.14
C285	CONDUIT	0.019	0	12:11	0.13	0.00	0.05
C287	CHANNEL	0.006	0	12:03	0.13	0.00	0.05
C287_1	CONDUIT	0.008	0	12:04	0.10	0.00	0.09
C287_2	CONDUIT	0.062	0	12:52	0.19	0.01	0.19
C288	CONDUIT	0.011	0	12:03	0.08	0.00	0.07
C289	CONDUIT	0.002	0	12:00	0.03	0.00	0.05
C29	CONDUIT	0.007	0	12:01	0.06	0.00	0.06
C291	CONDUIT	0.024	0	12:08	0.21	0.00	0.08
C292	CHANNEL	0.005	0	12:06	0.08	0.00	0.06
C294	CONDUIT	0.026	0	12:01	0.19	0.00	0.04
C297_1	CONDUIT	0.028	0	12:05	0.08	0.01	0.20
C299	CHANNEL	0.015	0	12:08	0.26	0.00	0.06
C3	CHANNEL	0.022	0	12:02	0.07	0.01	0.25
C3_1	CONDUIT	0.039	0	12:04	0.27	0.07	0.27
C300	CONDUIT	0.032	0	12:05	0.24	0.00	0.04
C304	CHANNEL	0.015	0	12:10	0.19	0.00	0.11
C305	CONDUIT	0.027	0	12:03	0.18	0.01	0.11
C308	CONDUIT	0.034	0	12:05	0.24	0.01	0.10
C309	CONDUIT	0.030	0	12:09	0.19	0.01	0.11
C31	CONDUIT	0.016	0	12:02	0.18	0.00	0.07

C310	CHANNEL	0.016	0	12:11	0.26	0.00	0.05
C311	CONDUIT	0.043	0	12:00	0.21	0.01	0.16
C313	CONDUIT	0.017	0	12:08	0.15	0.00	0.04
C314	CHANNEL	0.014	0	12:15	0.10	0.00	0.07
C319	CONDUIT	0.024	0	12:04	0.09	0.01	0.19
C32	CONDUIT	0.009	0	12:00	0.18	0.00	0.05
C320	CONDUIT	0.003	0	13:30	0.07	0.00	0.05
C322	CHANNEL	0.012	0	12:24	0.11	0.00	0.10
C324	CONDUIT	0.022	0	12:28	0.12	0.00	0.07
C326	CHANNEL	0.014	0	12:11	0.16	0.00	0.04
C327	CONDUIT	0.027	0	12:10	0.19	0.01	0.10
C329	CHANNEL	0.012	0	12:30	0.07	0.00	0.07
C33	CONDUIT	0.055	0	12:03	0.27	0.00	0.04
C331	CONDUIT	0.021	0	12:05	0.06	0.00	0.22
C333	CHANNEL	0.012	0	12:31	0.21	0.00	0.06
C334	CONDUIT	0.006	0	12:00	0.63	0.01	0.07
C335	CONDUIT	0.020	0	12:16	0.17	0.00	0.04
C338	CHANNEL	0.011	0	12:37	0.03	0.00	0.08
C339	CHANNEL	0.011	0	12:39	0.36	0.00	0.05
C34	CONDUIT	0.055	0	12:05	0.12	0.00	0.10
C340	CONDUIT	0.034	0	12:05	0.15	0.01	0.14
C341	CONDUIT	0.006	0	12:02	0.07	0.00	0.07
C344	CHANNEL	0.011	0	12:42	0.16	0.00	0.07
C346	CHANNEL	0.011	0	12:46	0.16	0.00	0.06
C349_1	CHANNEL	0.011	0	12:47	0.38	0.00	0.08
C349_2	CHANNEL	0.011	0	12:53	0.07	0.00	0.09
C35	CONDUIT	0.020	0	12:04	0.05	0.00	0.11
C350	CHANNEL	0.010	0	12:53	0.17	0.00	0.07
C352	CONDUIT	0.021	0	13:03	0.05	0.00	0.23
C353	CHANNEL	0.000	0	00:00	0.00	0.00	0.06
C354	CHANNEL	0.010	0	13:02	0.32	0.00	0.07
C355	CONDUIT	0.063	0	13:03	0.13	0.03	0.25
C356	CONDUIT	0.038	0	12:24	0.20	0.03	0.12
C359	CONDUIT	0.036	0	12:09	0.19	0.00	0.06
C36	CONDUIT	0.020	0	12:03	0.15	0.00	0.04
C360	CHANNEL	0.011	0	13:01	0.29	0.00	0.07
C361	CONDUIT	0.011	0	13:02	0.88	0.10	0.25
C363	CONDUIT	0.015	0	12:00	0.10	0.01	0.12
C365	CHANNEL	0.008	0	13:23	0.02	0.00	0.06
C367	CONDUIT	0.024	0	12:28	0.10	0.00	0.12
C371	CHANNEL	0.008	0	13:31	22.34	0.00	0.04
C372	CONDUIT	0.004	0	12:02	0.14	0.00	0.12
C374	CONDUIT	0.026	0	12:39	0.26	0.00	0.08
C375	CONDUIT	0.043	0	12:14	0.17	0.01	0.08
C376	CONDUIT	0.010	0	12:09	0.08	0.03	0.10
C377	CHANNEL	0.008	0	13:34	0.10	0.00	0.05
C378	CHANNEL	0.011	0	13:37	0.12	0.00	0.15
C379	CHANNEL	0.007	0	14:06	0.18	0.00	0.15
C38	CONDUIT	0.016	0	12:00	0.26	0.00	0.07
C381_1	CHANNEL	0.007	0	14:07	0.02	0.00	0.09
C381_2	CHANNEL	0.228	0	14:41	0.20	0.02	0.17
C384	CHANNEL	0.228	0	14:42	0.30	0.01	0.16
C385	CHANNEL	0.228	0	14:42	0.24	0.01	0.23
C388	CONDUIT	0.228	0	14:44	0.63	0.15	0.34
C391	CONDUIT	0.044	0	12:21	0.14	0.01	0.10
C397	CHANNEL	0.228	0	14:44	0.56	0.01	0.21
C398	CHANNEL	0.228	0	14:44	0.49	0.00	0.18
C399	CONDUIT	0.047	0	12:02	0.16	0.02	0.21
C4	CONDUIT	0.015	0	12:00	0.21	0.00	0.06
C40	CONDUIT	0.027	0	12:02	0.36	0.01	0.18
C401	CONDUIT	0.107	0	13:44	0.27	0.03	0.22
C403	CONDUIT	0.007	0	12:00	0.12	0.00	0.06
C405	CHANNEL	0.045	0	12:03	0.38	0.00	0.12
C408	CONDUIT	0.006	0	12:00	0.08	0.00	0.07
C409	CONDUIT	0.025	0	12:38	0.14	0.00	0.06
C41	CONDUIT	0.007	0	12:00	0.09	0.01	0.08
C413	CONDUIT	0.011	0	12:02	0.09	0.00	0.09
C416	CONDUIT	0.031	0	12:48	0.22	0.00	0.12
C42	CONDUIT	0.017	0	12:02	0.08	0.00	0.04
C420	CONDUIT	0.064	0	12:31	0.25	0.02	0.16
C423	CONDUIT	0.052	0	12:36	0.21	0.02	0.16
C425	CHANNEL	0.013	0	12:00	0.06	0.00	0.14
C429	CONDUIT	0.068	0	12:40	0.22	0.02	0.18
C43	CONDUIT	0.020	0	12:00	0.17	0.00	0.03
C432	CONDUIT	0.059	0	12:44	0.29	0.01	0.13
C433	CONDUIT	0.019	0	12:14	0.15	0.00	0.09
C435	CONDUIT	0.030	0	12:52	0.15	0.00	0.07
C437	CONDUIT	0.022	0	12:16	0.23	0.00	0.12
C438	CONDUIT	0.032	0	12:59	0.10	0.01	0.10
C439	CONDUIT	0.110	0	14:03	0.29	0.03	0.21
C44	CONDUIT	0.006	0	12:02	0.06	0.00	0.04
C444	CONDUIT	0.056	0	12:32	0.22	0.01	0.16
C445	CONDUIT	0.019	0	12:19	0.09	0.00	0.23
C447	CONDUIT	0.063	0	12:49	0.25	0.01	0.17
C448	CONDUIT	0.034	0	13:06	0.07	0.01	0.13
C451	CONDUIT	0.056	0	12:45	0.22	0.02	0.16
C452	CONDUIT	0.072	0	12:48	0.21	0.06	0.19
C455	CONDUIT	0.072	0	12:49	0.25	0.02	0.17
C457	CHANNEL	0.006	0	12:14	0.03	0.05	0.48
C458	CONDUIT	0.063	0	13:02	0.17	0.02	0.22
C460	CONDUIT	0.075	0	12:52	0.29	0.02	0.16
C465	CONDUIT	0.064	0	13:09	0.13	0.02	0.25
C466	CONDUIT	0.069	0	13:03	0.14	0.02	0.14
C468	CONDUIT	0.075	0	12:53	0.31	0.01	0.15
C469	CONDUIT	0.078	0	13:03	0.21	0.02	0.21
C47	CONDUIT	0.000	0	00:00	0.00	0.00	0.01
C472	CONDUIT	0.082	0	13:20	0.23	0.15	0.20
C475	CONDUIT	0.073	0	13:14	0.16	0.01	0.13
C478	CONDUIT	0.146	0	13:06	0.30	0.04	0.24
C481	CONDUIT	0.076	0	13:21	0.21	0.01	0.10
C485	CONDUIT	0.112	0	14:07	0.42	0.02	0.16
C486	CONDUIT	0.086	0	13:24	0.41	0.01	0.14
C49	CONDUIT	0.009	0	12:00	0.03	0.00	0.21

C490	CONDUIT	0.086	0	13:26	0.42	0.01	0.13
C491	CONDUIT	0.113	0	14:13	0.26	0.02	0.23
C498	CONDUIT	0.087	0	13:38	0.23	0.02	0.11
C499	CONDUIT	0.093	0	13:27	0.39	0.01	0.15
C5	CONDUIT	0.012	0	12:00	0.11	0.00	0.15
C50	CHANNEL	0.000	0	00:00	0.00	0.00	0.10
C505	CONDUIT	0.091	0	13:44	0.26	0.01	0.10
C507	CONDUIT	0.159	0	13:10	0.37	0.04	0.23
C513	CONDUIT	0.092	0	13:48	0.27	0.01	0.10
C514	CHANNEL	0.021	0	14:56	0.03	0.01	0.41
C517	CONDUIT	0.167	0	13:16	0.39	0.03	0.23
C518	CONDUIT	0.093	0	13:50	0.27	0.01	0.10
C52	CONDUIT	0.011	0	12:00	0.08	0.00	0.12
C520	CONDUIT	0.007	0	14:09	0.04	0.00	0.16
C521	CONDUIT	0.005	0	12:00	0.07	0.00	0.06
C522	CONDUIT	0.093	0	13:54	0.21	0.01	0.12
C524	CONDUIT	0.006	0	14:14	0.10	0.00	0.05
C525	CHANNEL	0.043	0	14:00	0.21	0.00	0.13
C525_3	CONDUIT	0.016	0	12:01	0.13	0.00	0.09
C528	CONDUIT	0.173	0	13:25	0.36	0.04	0.25
C53	CONDUIT	0.024	0	12:01	0.25	0.00	0.08
C530	CONDUIT	0.115	0	14:04	0.22	0.02	0.14
C535	CONDUIT	0.118	0	14:08	0.41	0.01	0.17
C537_2	CONDUIT	0.125	0	14:16	0.37	0.03	0.19
C537_3	CONDUIT	0.124	0	14:12	0.30	0.03	0.22
C540	CONDUIT	0.003	0	12:00	0.09	0.00	0.03
C541	CONDUIT	0.009	0	12:01	0.10	0.00	0.09
C542	CONDUIT	0.007	0	12:00	0.13	0.00	0.05
C543	CONDUIT	0.003	0	11:52	0.04	0.00	0.10
C545	CONDUIT	0.011	0	12:01	0.15	0.00	0.06
C546	CONDUIT	0.000	0	00:00	0.00	0.00	0.05
C547	CONDUIT	0.012	0	12:03	0.10	0.00	0.09
C548	CONDUIT	0.127	0	14:18	0.37	0.02	0.19
C55	CONDUIT	0.008	0	12:00	0.17	0.00	0.04
C550	CONDUIT	0.024	0	12:04	0.21	0.01	0.09
C551	CONDUIT	0.131	0	14:22	0.27	0.04	0.24
C552	CONDUIT	0.025	0	12:04	0.22	0.00	0.09
C553_1	CONDUIT	0.023	0	12:05	0.13	0.01	0.14
C553_2	CONDUIT	0.050	0	12:12	0.20	0.02	0.16
C555	CONDUIT	0.048	0	12:20	0.18	0.02	0.16
C556	CONDUIT	0.052	0	12:24	0.22	0.02	0.17
C557	CONDUIT	0.147	0	14:36	0.21	0.05	0.32
C558	CONDUIT	0.150	0	14:44	0.28	0.13	0.26
C559	CONDUIT	0.182	0	14:39	0.56	0.02	0.19
C560_1	CONDUIT	0.271	0	14:43	0.67	0.02	0.22
C560_2	CONDUIT	0.207	0	14:43	0.34	0.04	0.28
C561	CONDUIT	0.196	0	14:44	0.32	0.12	0.29
C562_1	CONDUIT	0.198	0	14:44	0.43	0.20	0.24
C562_2	CONDUIT	0.221	0	14:41	0.58	0.04	0.21
C569	CONDUIT	0.024	0	12:00	0.19	0.00	0.11
C57	CONDUIT	0.009	0	12:00	0.14	0.00	0.03
C575	CHANNEL	0.020	0	12:03	0.22	0.00	0.09
C58	CONDUIT	0.014	0	12:02	0.12	0.00	0.04
C580	CHANNEL	0.000	0	00:00	0.00	0.00	0.07
C584	CONDUIT	0.038	0	12:01	0.14	0.02	0.21
C586	CONDUIT	0.038	0	12:28	0.16	0.01	0.17
C587_1	CONDUIT	0.214	0	13:34	0.30	0.05	0.32
C6	CONDUIT	0.005	0	12:00	0.07	0.00	0.07
C60	CONDUIT	0.015	0	12:00	0.15	0.00	0.09
C600	CONDUIT	0.018	0	12:01	0.15	0.00	0.09
C609	CONDUIT	0.003	0	12:00	0.06	0.00	0.04
C615	CONDUIT	0.021	0	13:05	0.12	0.01	0.12
C617	CONDUIT	0.025	0	12:22	0.15	0.00	0.05
C62	CONDUIT	0.015	0	12:01	0.17	0.00	0.07
C621	CONDUIT	0.043	0	12:02	0.21	0.01	0.14
C622	CONDUIT	0.080	0	13:34	0.20	0.01	0.11
C624	CONDUIT	0.141	0	14:28	0.26	0.04	0.27
C63_1	CHANNEL	0.014	0	11:52	0.05	0.00	0.10
C66	CONDUIT	0.007	0	12:01	0.04	0.00	0.16
C7	CONDUIT	0.008	0	12:01	0.11	0.00	0.07
C7_1	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C7_2	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C70	CONDUIT	0.076	0	12:03	1.79	0.02	0.10
C78	CHANNEL	0.021	0	12:35	0.09	0.00	0.15
C79_1	CHANNEL	0.002	0	12:34	0.03	0.01	0.24
C80	CONDUIT	0.014	0	12:16	1.00	0.06	0.17
C81	CHANNEL	0.014	0	12:15	0.26	0.00	0.14
C82	CONDUIT	0.013	0	12:03	0.15	0.00	0.03
C83	CONDUIT	0.028	0	12:04	0.16	0.01	0.12
C85	CONDUIT	0.008	0	12:02	0.10	0.00	0.07
C88	CONDUIT	0.005	0	12:01	0.10	0.00	0.02
C89	CONDUIT	0.006	0	12:01	0.05	0.00	0.16
C9	CONDUIT	0.008	0	12:00	0.05	0.00	0.05
C9_1	CHANNEL	0.000	0	12:00	0.01	0.00	0.02
C9_2	CHANNEL	0.001	0	11:51	0.08	0.00	0.06
C95	CONDUIT	0.030	0	12:07	0.18	0.01	0.12
C96	CONDUIT	0.013	0	12:03	0.15	0.00	0.03

Flow Classification Summary

Conduit	Adjusted / Actual Length	Fraction of Time in Flow Class								
		Up Dry	Down Dry	Sub Dry	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl	
C10	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.95	0.00
C102	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.91	0.00
C103	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
C105	1.00	0.16	0.11	0.00	0.74	0.00	0.00	0.00	0.83	0.00
C112	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.08	0.00



Appendix B-3: Post-development 24h storm 100y event

Element Count

Number of rain gages 7
Number of subcatchments ... 343
Number of nodes 319
Number of links 314
Number of pollutants 0
Number of land uses 0

Raingage Summary

Name	Data Source	Data Type	Recording Interval
Chicago_4h	Chicago4h	INTENSITY	10 min.
SCS_Type_II_100y_24h_103.5mm	SCS_Type_II_100y_24h_103.5mm	INTENSITY	15 min.
SCS_Type_II_10y_24h_72mm	SCS_Type_II_10y_24h_72mm	INTENSITY	15 min.
SCS_Type_II_25y_24h_84mm	SCS_Type_II_25y_24h_84mm	INTENSITY	15 min.
SCS_Type_II_2y_24h_48mm	SCS_Type_II_2y_24h_48mm	INTENSITY	15 min.
SCS_Type_II_50y_24h_93.6mm	SCS_Type_II_50y_24h_93.6mm	INTENSITY	15 min.
SCS_Type_II_5y_24h_62.4mm	SCS_Type_II_5y_24h_62.4mm	INTENSITY	15 min.

Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
S1	0.06	7.65	5.00	0.9500	SCS_Type_II_100y_24h_103.5mm	J458
S10	0.32	35.64	5.00	5.3190	SCS_Type_II_100y_24h_103.5mm	J9
S100	0.29	29010.00	100.00	1.0000	SCS_Type_II_100y_24h_103.5mm	POND
S101	0.30	30.19	5.00	0.4890	SCS_Type_II_100y_24h_103.5mm	J116
S102	0.43	23.97	5.00	0.5230	SCS_Type_II_100y_24h_103.5mm	J135
S103	0.69	67.71	5.00	0.3070	SCS_Type_II_100y_24h_103.5mm	J88
S104	0.25	38.66	5.00	0.2680	SCS_Type_II_100y_24h_103.5mm	J124
S105	0.10	222.68	100.00	1.0000	SCS_Type_II_100y_24h_103.5mm	PDJ06
S106	0.49	38.92	5.00	0.9980	SCS_Type_II_100y_24h_103.5mm	J138
S107	0.84	41.54	5.00	0.2410	SCS_Type_II_100y_24h_103.5mm	J159
S108	0.60	75.89	5.00	1.5180	SCS_Type_II_100y_24h_103.5mm	J1280
S109	0.58	28.02	5.00	0.4250	SCS_Type_II_100y_24h_103.5mm	J140
S11	0.41	28.94	5.00	0.2640	SCS_Type_II_100y_24h_103.5mm	J13
S110	0.05	47.70	100.00	1.0000	SCS_Type_II_100y_24h_103.5mm	POND
S111	0.05	41.34	100.00	1.0000	SCS_Type_II_100y_24h_103.5mm	POND
S112	0.31	69.99	5.00	1.9710	SCS_Type_II_100y_24h_103.5mm	J95
S113	4.56	340.05	5.00	0.3000	SCS_Type_II_100y_24h_103.5mm	J1142
S113_2	1.86	125.00	5.00	0.6210	SCS_Type_II_100y_24h_103.5mm	31499
S114	0.69	65.33	5.00	0.3570	SCS_Type_II_100y_24h_103.5mm	J458
S114_3	0.20	141.00	76.00	2.0000	SCS_Type_II_100y_24h_103.5mm	ARDJ04
S115	0.75	49.06	5.00	1.5410	SCS_Type_II_100y_24h_103.5mm	J140
S116	0.51	51.40	5.00	1.5860	SCS_Type_II_100y_24h_103.5mm	J1219
S117	0.40	31.11	5.00	0.5740	SCS_Type_II_100y_24h_103.5mm	J299
S118	0.34	20.14	5.00	0.2750	SCS_Type_II_100y_24h_103.5mm	J172
S119	1.33	102.45	5.00	0.7510	SCS_Type_II_100y_24h_103.5mm	J1222
S12	0.51	18.49	5.00	0.8590	SCS_Type_II_100y_24h_103.5mm	J15
S120	0.59	48.09	5.00	0.4290	SCS_Type_II_100y_24h_103.5mm	J172
S121	0.47	33.02	5.00	0.4190	SCS_Type_II_100y_24h_103.5mm	J167
S122	0.83	46.73	5.00	0.4270	SCS_Type_II_100y_24h_103.5mm	J165
S123	1.47	46.46	5.00	1.0820	SCS_Type_II_100y_24h_103.5mm	J46
S124	2.35	94.42	5.00	0.1720	SCS_Type_II_100y_24h_103.5mm	30690
S124_1	0.07	46.86	76.00	2.0000	SCS_Type_II_100y_24h_103.5mm	ARDJ14
S124_2	0.15	110.00	76.00	2.0000	SCS_Type_II_100y_24h_103.5mm	ARDJ12
S125	0.70	35.08	5.00	0.6390	SCS_Type_II_100y_24h_103.5mm	J165
S126	1.95	120.44	5.00	0.1560	SCS_Type_II_100y_24h_103.5mm	30776
S127	0.66	75.39	5.00	0.3870	SCS_Type_II_100y_24h_103.5mm	J1294
S128	0.57	60.27	5.00	1.1810	SCS_Type_II_100y_24h_103.5mm	16611
S129	1.07	82.99	5.00	0.0800	SCS_Type_II_100y_24h_103.5mm	J88
S13	0.96	56.74	5.00	0.4170	SCS_Type_II_100y_24h_103.5mm	J13
S130	1.09	62.68	5.00	0.2720	SCS_Type_II_100y_24h_103.5mm	J650
S131	0.38	40.31	5.00	0.0780	SCS_Type_II_100y_24h_103.5mm	J205
S132	1.55	115.07	5.00	1.4520	SCS_Type_II_100y_24h_103.5mm	J1258
S133	3.81	255.41	5.00	0.2070	SCS_Type_II_100y_24h_103.5mm	30475
S134	1.05	132.70	5.00	0.3130	SCS_Type_II_100y_24h_103.5mm	J1338
S135	0.81	107.58	5.00	0.6970	SCS_Type_II_100y_24h_103.5mm	J159
S136	2.72	189.65	5.00	0.3850	SCS_Type_II_100y_24h_103.5mm	J1322
S136_1	0.06	43.71	76.00	2.0000	SCS_Type_II_100y_24h_103.5mm	ARDJ03
S136_2	0.07	53.57	76.00	2.0000	SCS_Type_II_100y_24h_103.5mm	ARDJ02
S137	3.54	177.10	5.00	3.4140	SCS_Type_II_100y_24h_103.5mm	31055
S138	0.29	41.38	5.00	0.3980	SCS_Type_II_100y_24h_103.5mm	J1229
S139	0.35	39.98	5.00	4.9840	SCS_Type_II_100y_24h_103.5mm	J1338
S14	0.45	23.28	5.00	3.6290	SCS_Type_II_100y_24h_103.5mm	J17
S140	0.51	55.29	5.00	0.2850	SCS_Type_II_100y_24h_103.5mm	J161
S141	0.85	33.53	5.00	0.3060	SCS_Type_II_100y_24h_103.5mm	J165
S142	0.80	48.47	5.00	0.1100	SCS_Type_II_100y_24h_103.5mm	16496
S143	0.37	16.98	5.00	0.1780	SCS_Type_II_100y_24h_103.5mm	J70
S144	5.00	314.22	5.00	0.6030	SCS_Type_II_100y_24h_103.5mm	J1276
S145	4.70	302.68	5.00	0.2800	SCS_Type_II_100y_24h_103.5mm	J929
S146	0.49	22.84	5.00	1.1850	SCS_Type_II_100y_24h_103.5mm	J221
S147	1.17	53.87	5.00	0.9530	SCS_Type_II_100y_24h_103.5mm	31659
S148	0.79	78.75	5.00	0.5050	SCS_Type_II_100y_24h_103.5mm	J217
S149	3.40	286.28	5.00	0.3900	SCS_Type_II_100y_24h_103.5mm	J1308
S15	0.59	26.07	5.00	2.3590	SCS_Type_II_100y_24h_103.5mm	J35
S150	0.29	64.66	5.00	1.6550	SCS_Type_II_100y_24h_103.5mm	J1279
S151	0.44	53.49	5.00	0.5110	SCS_Type_II_100y_24h_103.5mm	J1254
S152	0.89	34.08	5.00	0.3800	SCS_Type_II_100y_24h_103.5mm	J1338
S153	6.47	354.61	5.00	0.4040	SCS_Type_II_100y_24h_103.5mm	J803

S154	0.71	51.71	5.00	0.5400	SCS_Type_II_100y_24h_103.5mm	J205
S155	0.70	28.42	5.00	1.9300	SCS_Type_II_100y_24h_103.5mm	J205
S156	3.03	217.92	5.00	0.3750	SCS_Type_II_100y_24h_103.5mm	J1335
S157	1.80	105.95	5.00	1.5280	SCS_Type_II_100y_24h_103.5mm	J433
S158	0.94	48.20	5.00	0.1890	SCS_Type_II_100y_24h_103.5mm	J165
S159	0.56	60.53	5.00	0.2710	SCS_Type_II_100y_24h_103.5mm	J225
S16	0.83	97.73	5.00	2.6180	SCS_Type_II_100y_24h_103.5mm	J43
S160	11.16	223.19	5.00	0.3000	SCS_Type_II_100y_24h_103.5mm	J1348
S161	0.10	26.08	5.00	0.0780	SCS_Type_II_100y_24h_103.5mm	J1279
S162	1.42	70.09	5.00	0.6540	SCS_Type_II_100y_24h_103.5mm	J1301
S163	0.28	26.59	5.00	0.4280	SCS_Type_II_100y_24h_103.5mm	J229
S164	2.11	64.61	5.00	2.1160	SCS_Type_II_100y_24h_103.5mm	J596
S165	1.51	52.99	5.00	4.5370	SCS_Type_II_100y_24h_103.5mm	J1036
S166	0.50	38.56	5.00	0.2420	SCS_Type_II_100y_24h_103.5mm	J1216
S167	0.38	28.63	5.00	0.4170	SCS_Type_II_100y_24h_103.5mm	J1216
S168	0.85	52.44	5.00	1.3330	SCS_Type_II_100y_24h_103.5mm	DDJ05
S168_1	0.13	3.60	5.00	1.1520	SCS_Type_II_100y_24h_103.5mm	15183
S169	0.32	24.29	5.00	0.5510	SCS_Type_II_100y_24h_103.5mm	J219
S17	0.69	24.26	5.00	0.3820	SCS_Type_II_100y_24h_103.5mm	J17
S170	0.36	36.64	5.00	0.5950	SCS_Type_II_100y_24h_103.5mm	J225
S171	0.54	46.53	5.00	2.8950	SCS_Type_II_100y_24h_103.5mm	DDJ04
S172	1.01	68.13	5.00	0.6250	SCS_Type_II_100y_24h_103.5mm	30846
S173	2.45	122.50	5.00	0.7310	SCS_Type_II_100y_24h_103.5mm	J1010
S174	3.16	157.81	5.00	1.0340	SCS_Type_II_100y_24h_103.5mm	J1278
S175	0.56	56.83	5.00	0.6910	SCS_Type_II_100y_24h_103.5mm	J58
S176	0.66	41.24	5.00	4.9770	SCS_Type_II_100y_24h_103.5mm	DDJ06
S177	0.29	38.73	5.00	0.9100	SCS_Type_II_100y_24h_103.5mm	J229
S178	4.07	116.25	5.00	0.3900	SCS_Type_II_100y_24h_103.5mm	J1352
S179	0.54	29.15	5.00	2.3910	SCS_Type_II_100y_24h_103.5mm	J273
S18	0.60	26.40	5.00	1.9640	SCS_Type_II_100y_24h_103.5mm	J37
S180	4.29	171.71	5.00	0.5560	SCS_Type_II_100y_24h_103.5mm	J443
S181	1.03	131.85	5.00	0.8370	SCS_Type_II_100y_24h_103.5mm	J1318
S182	3.60	138.48	5.00	1.0000	SCS_Type_II_100y_24h_103.5mm	J1260
S183	0.32	25.27	5.00	3.2090	SCS_Type_II_100y_24h_103.5mm	J273
S184	0.65	26.17	5.00	1.0600	SCS_Type_II_100y_24h_103.5mm	30741
S185	0.32	23.19	5.00	2.1230	SCS_Type_II_100y_24h_103.5mm	J254
S186	0.93	77.19	5.00	0.0770	SCS_Type_II_100y_24h_103.5mm	J398
S187	3.56	215.24	5.00	0.3210	SCS_Type_II_100y_24h_103.5mm	J1249
S19	0.64	21.19	5.00	0.4780	SCS_Type_II_100y_24h_103.5mm	J30
S190	0.46	25.63	5.00	0.5160	SCS_Type_II_100y_24h_103.5mm	J299
S195	0.29	33.98	5.00	0.3090	SCS_Type_II_100y_24h_103.5mm	J209
S197	0.33	42.92	5.00	0.3390	SCS_Type_II_100y_24h_103.5mm	J294
S2	0.33	9.62	5.00	2.4760	SCS_Type_II_100y_24h_103.5mm	31499
S20	0.41	40.56	5.00	1.1040	SCS_Type_II_100y_24h_103.5mm	J30
S202	1.21	32.45	5.00	0.4710	SCS_Type_II_100y_24h_103.5mm	J304
S207	0.32	25.46	5.00	0.7920	SCS_Type_II_100y_24h_103.5mm	J299
S21	0.43	59.98	5.00	0.3790	SCS_Type_II_100y_24h_103.5mm	J48
S210	0.50	40.38	5.00	1.9640	SCS_Type_II_100y_24h_103.5mm	J273
S214	0.23	21.72	5.00	4.4940	SCS_Type_II_100y_24h_103.5mm	J273
S215	0.50	24.83	5.00	4.4320	SCS_Type_II_100y_24h_103.5mm	J275
S219	0.29	38.83	5.00	0.3410	SCS_Type_II_100y_24h_103.5mm	J254
S22	0.51	69.55	5.00	0.5350	SCS_Type_II_100y_24h_103.5mm	J28
S221_1	0.00	0.26	5.00	0.5820	SCS_Type_II_100y_24h_103.5mm	J299
S223_1	0.29	23.10	5.00	0.8420	SCS_Type_II_100y_24h_103.5mm	15017
S224	0.66	62.75	5.00	0.1370	SCS_Type_II_100y_24h_103.5mm	J319
S225	0.72	19.79	5.00	0.0610	SCS_Type_II_100y_24h_103.5mm	J221
S23	0.74	27.50	5.00	1.0850	SCS_Type_II_100y_24h_103.5mm	J37
S234_2	0.33	16.44	5.00	0.6910	SCS_Type_II_100y_24h_103.5mm	J329
S24	0.21	35.68	5.00	16.0510	SCS_Type_II_100y_24h_103.5mm	J23
S241	0.93	64.10	5.00	1.2370	SCS_Type_II_100y_24h_103.5mm	J1232
S242	1.80	44.10	5.00	6.1590	SCS_Type_II_100y_24h_103.5mm	J1233
S247_2	0.64	27.84	5.00	1.0490	SCS_Type_II_100y_24h_103.5mm	J392
S25	0.34	31.27	5.00	1.8320	SCS_Type_II_100y_24h_103.5mm	J37
S26	0.26	47.59	5.00	0.3880	SCS_Type_II_100y_24h_103.5mm	J30
S260_2	0.56	34.76	5.00	0.6060	SCS_Type_II_100y_24h_103.5mm	J360
S262	0.45	45.40	5.00	0.6740	SCS_Type_II_100y_24h_103.5mm	J372
S268	0.33	28.73	5.00	6.0690	SCS_Type_II_100y_24h_103.5mm	J319
S269_1	0.48	46.77	5.00	1.6780	SCS_Type_II_100y_24h_103.5mm	J392
S27	0.48	37.17	5.00	0.7660	SCS_Type_II_100y_24h_103.5mm	J37
S272	0.53	91.99	5.00	0.2890	SCS_Type_II_100y_24h_103.5mm	J396
S276	0.41	58.61	5.00	0.5570	SCS_Type_II_100y_24h_103.5mm	J394
S278_2	0.37	16.26	5.00	0.2060	SCS_Type_II_100y_24h_103.5mm	J81
S28	0.46	31.38	5.00	0.0150	SCS_Type_II_100y_24h_103.5mm	17000
S285	0.46	28.17	5.00	0.2390	SCS_Type_II_100y_24h_103.5mm	J304
S288	1.08	44.90	5.00	0.7430	SCS_Type_II_100y_24h_103.5mm	J419
S29	0.66	67.92	5.00	1.9020	SCS_Type_II_100y_24h_103.5mm	J39
S291	0.39	35.67	5.00	0.7780	SCS_Type_II_100y_24h_103.5mm	J362
S3	4.97	177.55	5.00	0.5730	SCS_Type_II_100y_24h_103.5mm	30961
S30	0.36	19.05	5.00	0.6370	SCS_Type_II_100y_24h_103.5mm	J30
S300_1	0.34	27.63	5.00	0.5480	SCS_Type_II_100y_24h_103.5mm	J360
S301	0.45	58.27	5.00	0.3320	SCS_Type_II_100y_24h_103.5mm	J384
S307	0.55	36.71	5.00	0.9950	SCS_Type_II_100y_24h_103.5mm	J447
S309	0.48	74.25	5.00	1.0460	SCS_Type_II_100y_24h_103.5mm	J1213
S31	0.37	37.85	5.00	0.3240	SCS_Type_II_100y_24h_103.5mm	J41
S310	0.14	41.49	5.00	0.2880	SCS_Type_II_100y_24h_103.5mm	J419
S313	0.48	31.48	5.00	0.4800	SCS_Type_II_100y_24h_103.5mm	J304
S314	0.32	24.78	5.00	2.4090	SCS_Type_II_100y_24h_103.5mm	J491
S315	0.84	31.75	5.00	0.5610	SCS_Type_II_100y_24h_103.5mm	J462
S316	0.30	10.26	5.00	0.6600	SCS_Type_II_100y_24h_103.5mm	31735
S317	0.26	35.42	5.00	0.3510	SCS_Type_II_100y_24h_103.5mm	J453
S32	0.83	36.19	5.00	0.6070	SCS_Type_II_100y_24h_103.5mm	J59
S324_3	0.06	59.90	5.00	0.2110	SCS_Type_II_100y_24h_103.5mm	J81
S33	0.69	50.36	5.00	0.3050	SCS_Type_II_100y_24h_103.5mm	J41
S330	0.79	63.77	5.00	0.1830	SCS_Type_II_100y_24h_103.5mm	J525
S334_1	0.20	22.19	5.00	0.0820	SCS_Type_II_100y_24h_103.5mm	J76
S335	0.90	56.71	5.00	0.4830	SCS_Type_II_100y_24h_103.5mm	17316
S336	0.61	128.30	5.00	0.3930	SCS_Type_II_100y_24h_103.5mm	J1259
S339	0.21	26.92	5.00	0.7310	SCS_Type_II_100y_24h_103.5mm	J1331
S34	0.39	29.74	5.00	0.3330	SCS_Type_II_100y_24h_103.5mm	J37
S340	0.11	46.10	5.00	0.7570	SCS_Type_II_100y_24h_103.5mm	J475
S341	0.43	61.81	5.00	0.7540	SCS_Type_II_100y_24h_103.5mm	J1299
S345	0.41	54.43	5.00	1.3180	SCS_Type_II_100y_24h_103.5mm	J451
S35	0.40	37.73	5.00	0.2180	SCS_Type_II_100y_24h_103.5mm	J54

S355	0.41	93.73	5.00	0.8730	SCS_Type_II_100y_24h_103.5mm	J462
S357	0.25	32.13	5.00	0.3310	SCS_Type_II_100y_24h_103.5mm	J525
S36	0.64	32.73	5.00	1.2270	SCS_Type_II_100y_24h_103.5mm	J75
S362	0.28	57.30	5.00	0.0210	SCS_Type_II_100y_24h_103.5mm	J1331
S365	0.40	21.52	5.00	0.5010	SCS_Type_II_100y_24h_103.5mm	J479
S368	0.27	45.45	5.00	2.0220	SCS_Type_II_100y_24h_103.5mm	J491
S37	0.57	37.57	5.00	0.7060	SCS_Type_II_100y_24h_103.5mm	J59
S372	0.65	41.62	5.00	1.1330	SCS_Type_II_100y_24h_103.5mm	J1318
S375	0.25	17.70	5.00	0.6920	SCS_Type_II_100y_24h_103.5mm	31735
S38	0.56	43.82	5.00	0.6240	SCS_Type_II_100y_24h_103.5mm	J66
S384	0.83	41.01	5.00	5.1870	SCS_Type_II_100y_24h_103.5mm	J562
S39	0.49	29.44	5.00	0.1630	SCS_Type_II_100y_24h_103.5mm	J1225
S391	0.71	66.19	5.00	0.0550	SCS_Type_II_100y_24h_103.5mm	J1209
S392	0.94	80.12	5.00	0.2450	SCS_Type_II_100y_24h_103.5mm	J1249
S395	0.60	17.89	5.00	0.0070	SCS_Type_II_100y_24h_103.5mm	J523
S397	0.48	66.78	5.00	1.1470	SCS_Type_II_100y_24h_103.5mm	J598
S398	0.60	101.45	5.00	0.7580	SCS_Type_II_100y_24h_103.5mm	J598
S399	1.42	22.59	5.00	0.2620	SCS_Type_II_100y_24h_103.5mm	J1233
S4	1.05	68.00	5.00	2.0060	SCS_Type_II_100y_24h_103.5mm	J472
S40	0.41	41.88	5.00	0.1430	SCS_Type_II_100y_24h_103.5mm	J52
S403	0.48	47.80	5.00	0.7300	SCS_Type_II_100y_24h_103.5mm	J584
S405	0.11	55.66	5.00	1.6290	SCS_Type_II_100y_24h_103.5mm	J1270
S406	0.56	22.88	5.00	0.8010	SCS_Type_II_100y_24h_103.5mm	J562
S408	0.49	39.78	5.00	1.2860	SCS_Type_II_100y_24h_103.5mm	J580
S409	0.05	28.16	5.00	0.1780	SCS_Type_II_100y_24h_103.5mm	J1318
S41	1.05	24.29	5.00	0.4350	SCS_Type_II_100y_24h_103.5mm	J116
S411	0.57	38.31	5.00	0.5650	SCS_Type_II_100y_24h_103.5mm	J584
S417	0.66	63.34	5.00	0.4020	SCS_Type_II_100y_24h_103.5mm	J1209
S419	0.76	71.73	5.00	2.7970	SCS_Type_II_100y_24h_103.5mm	J598
S42	0.70	17.02	5.00	2.9960	SCS_Type_II_100y_24h_103.5mm	J15
S421	0.71	50.65	5.00	1.3600	SCS_Type_II_100y_24h_103.5mm	J633
S428	0.42	34.89	5.00	0.3030	SCS_Type_II_100y_24h_103.5mm	J611
S429	0.43	70.10	5.00	0.3560	SCS_Type_II_100y_24h_103.5mm	J611
S43	1.16	53.26	5.00	0.9520	SCS_Type_II_100y_24h_103.5mm	J66
S431	0.44	27.59	5.00	0.9150	SCS_Type_II_100y_24h_103.5mm	J598
S437	0.65	84.61	5.00	0.0600	SCS_Type_II_100y_24h_103.5mm	J1268
S439	0.41	37.53	5.00	0.5500	SCS_Type_II_100y_24h_103.5mm	J623
S44	0.67	45.06	5.00	0.4680	SCS_Type_II_100y_24h_103.5mm	J68
S443	0.36	18.02	5.00	0.1700	SCS_Type_II_100y_24h_103.5mm	J580
S446	0.44	26.67	5.00	0.2710	SCS_Type_II_100y_24h_103.5mm	J611
S447	0.65	90.96	5.00	0.3830	SCS_Type_II_100y_24h_103.5mm	J664
S448	0.36	25.30	5.00	1.4260	SCS_Type_II_100y_24h_103.5mm	J646
S45	0.12	106.36	5.00	0.1380	SCS_Type_II_100y_24h_103.5mm	J54
S458	0.65	35.75	5.00	0.5840	SCS_Type_II_100y_24h_103.5mm	J598
S46	0.31	21.33	5.00	0.1480	SCS_Type_II_100y_24h_103.5mm	J1210
S469	0.47	55.53	5.00	0.1340	SCS_Type_II_100y_24h_103.5mm	J623
S47	0.62	36.30	5.00	0.1880	SCS_Type_II_100y_24h_103.5mm	J59
S476	0.47	43.76	5.00	0.5100	SCS_Type_II_100y_24h_103.5mm	J658
S478	1.08	67.12	5.00	0.2170	SCS_Type_II_100y_24h_103.5mm	J712
S479	0.32	31.00	5.00	1.1100	SCS_Type_II_100y_24h_103.5mm	J710
S48	0.59	71.23	5.00	0.6840	SCS_Type_II_100y_24h_103.5mm	J75
S481	0.60	27.05	5.00	0.1950	SCS_Type_II_100y_24h_103.5mm	J686
S487	0.46	60.83	5.00	0.7140	SCS_Type_II_100y_24h_103.5mm	J693
S49	0.30	46.87	5.00	0.5050	SCS_Type_II_100y_24h_103.5mm	J77
S492	0.61	32.72	5.00	2.5170	SCS_Type_II_100y_24h_103.5mm	J686
S493	0.87	66.80	5.00	0.5230	SCS_Type_II_100y_24h_103.5mm	J646
S494	0.75	66.85	5.00	1.6750	SCS_Type_II_100y_24h_103.5mm	J673
S497	0.33	35.72	5.00	0.6640	SCS_Type_II_100y_24h_103.5mm	J644
S499	0.28	20.27	5.00	0.3360	SCS_Type_II_100y_24h_103.5mm	J686
S5	3.45	216.09	5.00	0.2320	SCS_Type_II_100y_24h_103.5mm	31282
S50	0.43	29.77	5.00	0.0800	SCS_Type_II_100y_24h_103.5mm	J56
S503	0.67	30.24	5.00	0.3080	SCS_Type_II_100y_24h_103.5mm	J744
S504_2	0.30	19.30	5.00	0.0140	SCS_Type_II_100y_24h_103.5mm	J87
S506	0.60	59.41	5.00	0.2870	SCS_Type_II_100y_24h_103.5mm	J748
S51	0.69	28.25	5.00	0.7750	SCS_Type_II_100y_24h_103.5mm	J68
S513	0.69	65.97	5.00	0.2720	SCS_Type_II_100y_24h_103.5mm	J718
S514_3	0.13	4.86	5.00	0.1590	SCS_Type_II_100y_24h_103.5mm	31616
S516	0.38	22.07	5.00	0.6130	SCS_Type_II_100y_24h_103.5mm	J777
S517	0.63	80.79	5.00	0.9730	SCS_Type_II_100y_24h_103.5mm	J668
S518	0.36	44.92	5.00	0.1290	SCS_Type_II_100y_24h_103.5mm	J746
S52	0.45	36.02	5.00	0.3780	SCS_Type_II_100y_24h_103.5mm	J77
S520	0.34	53.31	5.00	0.2730	SCS_Type_II_100y_24h_103.5mm	J728
S522	0.22	36.51	5.00	0.2780	SCS_Type_II_100y_24h_103.5mm	J712
S528	0.40	58.33	5.00	0.0840	SCS_Type_II_100y_24h_103.5mm	J728
S53	0.35	48.46	5.00	1.4960	SCS_Type_II_100y_24h_103.5mm	J1227
S536	1.11	30.22	5.00	0.3290	SCS_Type_II_100y_24h_103.5mm	J744
S538	0.92	164.44	5.00	1.6270	SCS_Type_II_100y_24h_103.5mm	J1329
S539	0.80	34.77	5.00	0.1910	SCS_Type_II_100y_24h_103.5mm	J761
S54	0.55	50.14	5.00	0.6790	SCS_Type_II_100y_24h_103.5mm	J90
S540	0.58	62.40	5.00	0.0380	SCS_Type_II_100y_24h_103.5mm	J779
S547	0.65	29.78	5.00	0.4320	SCS_Type_II_100y_24h_103.5mm	J355
S549	0.56	21.62	5.00	0.2060	SCS_Type_II_100y_24h_103.5mm	J777
S55	0.41	46.29	5.00	0.1270	SCS_Type_II_100y_24h_103.5mm	J68
S552	0.34	33.67	5.00	0.2580	SCS_Type_II_100y_24h_103.5mm	J757
S553	0.53	90.96	5.00	0.0930	SCS_Type_II_100y_24h_103.5mm	J748
S56	0.62	22.70	5.00	0.5070	SCS_Type_II_100y_24h_103.5mm	J109
S560	0.39	92.23	5.00	0.0100	SCS_Type_II_100y_24h_103.5mm	J761
S562	0.29	50.52	5.00	0.1890	SCS_Type_II_100y_24h_103.5mm	J761
S566	0.49	51.47	5.00	0.1060	SCS_Type_II_100y_24h_103.5mm	J757
S57	0.29	40.88	5.00	0.5720	SCS_Type_II_100y_24h_103.5mm	J1300
S58	0.38	51.30	5.00	1.9440	SCS_Type_II_100y_24h_103.5mm	J92
S585	0.47	19.24	5.00	0.0070	SCS_Type_II_100y_24h_103.5mm	J834
S59	0.41	28.95	5.00	0.2850	SCS_Type_II_100y_24h_103.5mm	J84
S590	0.26	21.77	5.00	0.1860	SCS_Type_II_100y_24h_103.5mm	J803
S594	0.74	44.78	5.00	0.0790	SCS_Type_II_100y_24h_103.5mm	J834
S6	0.49	14.99	5.00	0.8560	SCS_Type_II_100y_24h_103.5mm	J15
S60	0.77	67.67	5.00	0.6320	SCS_Type_II_100y_24h_103.5mm	J61
S61	1.18	43.32	5.00	0.3710	SCS_Type_II_100y_24h_103.5mm	J82
S617	0.35	26.68	5.00	1.9940	SCS_Type_II_100y_24h_103.5mm	S658
S62	0.85	34.65	5.00	0.4530	SCS_Type_II_100y_24h_103.5mm	J88
S627	0.40	137.88	5.00	0.0040	SCS_Type_II_100y_24h_103.5mm	J925
S63	0.58	37.90	5.00	0.7960	SCS_Type_II_100y_24h_103.5mm	J100
S634	0.54	37.24	5.00	0.4060	SCS_Type_II_100y_24h_103.5mm	J1334

S64	0.35	46.47	5.00	0.0670	SCS_Type_II_100y_24h_103.5mm	J1231
S65	1.36	57.33	5.00	0.4840	SCS_Type_II_100y_24h_103.5mm	J95
S658	0.75	42.70	5.00	0.5340	SCS_Type_II_100y_24h_103.5mm	J1334
S66	0.76	56.61	5.00	0.6060	SCS_Type_II_100y_24h_103.5mm	J1324
S665	0.21	22.74	5.00	0.4470	SCS_Type_II_100y_24h_103.5mm	31478
S67	0.47	59.11	5.00	3.5420	SCS_Type_II_100y_24h_103.5mm	DDJ06
S68	0.37	34.04	5.00	0.3990	SCS_Type_II_100y_24h_103.5mm	J84
S682_1	0.21	38.29	5.00	2.0310	SCS_Type_II_100y_24h_103.5mm	J964
S689	0.45	45.80	5.00	0.1490	SCS_Type_II_100y_24h_103.5mm	31346
S69	0.73	65.27	5.00	0.4390	SCS_Type_II_100y_24h_103.5mm	J126
S7	1.52	51.08	5.00	0.9010	SCS_Type_II_100y_24h_103.5mm	J20
S70	0.26	41.19	5.00	0.1380	SCS_Type_II_100y_24h_103.5mm	J84
S71	0.63	25.07	5.00	0.4700	SCS_Type_II_100y_24h_103.5mm	J90
S72	0.69	43.06	5.00	0.3730	SCS_Type_II_100y_24h_103.5mm	J102
S73	4.47	286.27	5.00	14.7780	SCS_Type_II_100y_24h_103.5mm	J19
S73_2	7.92	504.71	5.00	15.0970	SCS_Type_II_100y_24h_103.5mm	NOF1_1
S74	0.51	55.93	5.00	0.9320	SCS_Type_II_100y_24h_103.5mm	J92
S745	0.27	61.98	5.00	0.0740	SCS_Type_II_100y_24h_103.5mm	J1272
S75	0.58	50.23	5.00	0.2960	SCS_Type_II_100y_24h_103.5mm	J684
S76	0.21	35.04	5.00	0.2960	SCS_Type_II_100y_24h_103.5mm	J86
S764	0.25	52.78	5.00	0.0240	SCS_Type_II_100y_24h_103.5mm	J1330
S765_2	0.06	20.27	5.00	3.1850	SCS_Type_II_100y_24h_103.5mm	J1272
S765_4	0.37	127.84	5.00	3.1850	SCS_Type_II_100y_24h_103.5mm	J1272
S769	0.39	58.03	5.00	0.2960	SCS_Type_II_100y_24h_103.5mm	J1325
S77	0.20	12.26	5.00	7.4430	SCS_Type_II_100y_24h_103.5mm	J109
S78	1.15	68.18	5.00	0.4190	SCS_Type_II_100y_24h_103.5mm	J112
S79	0.51	59.05	5.00	0.0160	SCS_Type_II_100y_24h_103.5mm	J1344
S8	0.51	36.68	5.00	1.3650	SCS_Type_II_100y_24h_103.5mm	J20
S80	4.10	511.96	5.00	2.4150	SCS_Type_II_100y_24h_103.5mm	J923
S807	0.57	53.81	5.00	0.4460	SCS_Type_II_100y_24h_103.5mm	J36
S81	1.12	69.58	5.00	0.4370	SCS_Type_II_100y_24h_103.5mm	J467
S81_1	0.56	48.80	5.00	0.8680	SCS_Type_II_100y_24h_103.5mm	J1272
S82	0.55	120.70	5.00	1.5610	SCS_Type_II_100y_24h_103.5mm	J167
S83	1.80	163.32	5.00	1.1200	SCS_Type_II_100y_24h_103.5mm	30821
S84	0.81	68.86	5.00	0.3020	SCS_Type_II_100y_24h_103.5mm	J1231
S85	0.26	26.93	5.00	0.2590	SCS_Type_II_100y_24h_103.5mm	16677
S86	0.56	24.26	5.00	2.2080	SCS_Type_II_100y_24h_103.5mm	J138
S87	3.41	170.43	5.00	0.2400	SCS_Type_II_100y_24h_103.5mm	31294
S88	0.69	62.35	5.00	11.4780	SCS_Type_II_100y_24h_103.5mm	J50
S89	0.63	44.94	5.00	0.5500	SCS_Type_II_100y_24h_103.5mm	J138
S892_2	0.49	35.04	100.00	2.0000	SCS_Type_II_100y_24h_103.5mm	PDJ07
S893_2	0.59	42.19	100.00	2.0000	SCS_Type_II_100y_24h_103.5mm	PDJ09
S894_3	0.18	12.55	100.00	2.0000	SCS_Type_II_100y_24h_103.5mm	PDJ10
S896_2	0.42	30.33	100.00	2.0000	SCS_Type_II_100y_24h_103.5mm	PDJ06
S897_2	0.37	26.21	100.00	2.0000	SCS_Type_II_100y_24h_103.5mm	PDJ05
S898	0.04	181.50	100.00	1.0000	SCS_Type_II_100y_24h_103.5mm	PDJ05
S899	0.02	2.00	76.00	4.7010	SCS_Type_II_100y_24h_103.5mm	S908_3
S9	0.50	61.26	5.00	0.4600	SCS_Type_II_100y_24h_103.5mm	J20
S90	1.39	109.48	5.00	0.3570	SCS_Type_II_100y_24h_103.5mm	J576
S900	0.11	16.43	76.00	1.0000	SCS_Type_II_100y_24h_103.5mm	PDJ05
S901_2	0.41	29.21	100.00	2.0000	SCS_Type_II_100y_24h_103.5mm	PDJ04
S902	0.14	19.98	76.00	1.0000	SCS_Type_II_100y_24h_103.5mm	PDJ01
S903	0.17	24.79	76.00	1.0000	SCS_Type_II_100y_24h_103.5mm	PDJ04
S904_3	0.28	19.76	100.00	2.0000	SCS_Type_II_100y_24h_103.5mm	PDJ01
S905_2	0.05	8.12	100.00	1.0000	SCS_Type_II_100y_24h_103.5mm	POND
S908_3	0.02	24.30	100.00	1.0000	SCS_Type_II_100y_24h_103.5mm	POND
S91	0.41	45.63	5.00	0.4610	SCS_Type_II_100y_24h_103.5mm	J1273
S910_2	0.20	140.93	76.00	2.0000	SCS_Type_II_100y_24h_103.5mm	ARDJ09
S911_2	0.16	114.00	76.00	2.0000	SCS_Type_II_100y_24h_103.5mm	ARDJ10
S912_3	0.13	93.07	76.00	2.0000	SCS_Type_II_100y_24h_103.5mm	ARDJ11
S915_2	0.17	119.21	76.00	2.0000	SCS_Type_II_100y_24h_103.5mm	ARDJ06
S916_2	0.21	148.00	76.00	2.0000	SCS_Type_II_100y_24h_103.5mm	ARDJ07
S92	0.85	30.67	5.00	0.2640	SCS_Type_II_100y_24h_103.5mm	J112
S93	1.13	83.54	5.00	0.2190	SCS_Type_II_100y_24h_103.5mm	J1241
S94	0.42	36.16	5.00	0.6860	SCS_Type_II_100y_24h_103.5mm	J660
S95	1.07	113.50	5.00	0.7160	SCS_Type_II_100y_24h_103.5mm	J1240
S96	0.44	48.77	5.00	0.5290	SCS_Type_II_100y_24h_103.5mm	J116
S97	0.34	75.41	5.00	0.0640	SCS_Type_II_100y_24h_103.5mm	J114
S98	0.16	52.77	5.00	0.3610	SCS_Type_II_100y_24h_103.5mm	J602
S99	0.63	27.75	5.00	1.1760	SCS_Type_II_100y_24h_103.5mm	J126

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
15017	JUNCTION	95.41	2.00	0.0	
15023	JUNCTION	95.44	2.00	0.0	
15115	JUNCTION	96.02	2.00	0.0	
15169	JUNCTION	95.50	2.00	0.0	
15183	JUNCTION	95.41	2.00	0.0	
15526	JUNCTION	95.38	1.64	0.0	
15536	JUNCTION	95.28	1.00	0.0	
16468	JUNCTION	96.22	1.61	0.0	
16472	JUNCTION	96.77	0.00	0.0	
16496	JUNCTION	96.27	1.61	0.0	
16553	JUNCTION	96.37	1.59	0.0	
16555	JUNCTION	96.79	0.00	0.0	
16576	JUNCTION	96.48	0.82	0.0	
16611	JUNCTION	96.40	0.87	0.0	
16639	JUNCTION	96.17	0.77	0.0	
16641	JUNCTION	96.41	0.00	0.0	
16677	JUNCTION	95.91	1.00	0.0	
16797	JUNCTION	96.59	0.65	0.0	
16799	JUNCTION	97.10	0.00	0.0	
16815	JUNCTION	96.69	0.47	0.0	
16874	JUNCTION	96.94	0.47	0.0	
16876	JUNCTION	97.44	0.00	0.0	
16902	JUNCTION	97.02	1.79	0.0	
17000	JUNCTION	97.23	2.00	0.0	
17050	JUNCTION	97.31	1.00	0.0	

17077	JUNCTION	97.47	1.00	0.0
17111	JUNCTION	97.14	1.22	0.0
17114	JUNCTION	98.13	0.00	0.0
17125	JUNCTION	97.51	2.00	0.0
17181	JUNCTION	97.98	2.00	0.0
17189	JUNCTION	97.80	1.70	0.0
17196	JUNCTION	98.42	0.00	0.0
17316	JUNCTION	94.85	1.65	0.0
30259	JUNCTION	92.12	2.00	0.0
30475	JUNCTION	92.85	2.00	0.0
30654	JUNCTION	93.32	2.00	0.0
30690	JUNCTION	93.24	2.00	0.0
30703	JUNCTION	92.99	2.00	0.0
30723	JUNCTION	92.98	2.00	0.0
30741	JUNCTION	92.92	2.00	0.0
30776	JUNCTION	92.69	2.00	0.0
30790	JUNCTION	93.04	2.00	0.0
30821	JUNCTION	93.18	2.00	0.0
30846	JUNCTION	93.51	1.00	0.0
30874	JUNCTION	94.14	1.00	0.0
30901	JUNCTION	95.23	1.00	0.0
30961	JUNCTION	93.78	2.00	0.0
31055	JUNCTION	93.35	1.11	0.0
31056	JUNCTION	94.36	0.00	0.0
31282	JUNCTION	93.51	1.00	0.0
31294	JUNCTION	93.58	2.00	0.0
31330	JUNCTION	93.60	1.10	0.0
31346	JUNCTION	93.59	1.00	0.0
31478	JUNCTION	93.62	2.00	0.0
31499	JUNCTION	93.63	2.00	0.0
31616	JUNCTION	93.57	3.00	0.0
31659	JUNCTION	92.82	2.18	0.0
31679	JUNCTION	93.24	2.00	0.0
31692	JUNCTION	93.17	1.58	0.0
31717	JUNCTION	93.20	1.59	0.0
31727	JUNCTION	94.43	1.28	0.0
31735	JUNCTION	94.54	1.46	0.0
33074	JUNCTION	94.51	2.00	0.0
33088	JUNCTION	94.16	2.00	0.0
33102	JUNCTION	94.13	2.00	0.0
33116	JUNCTION	94.05	1.00	0.0
33130	JUNCTION	93.93	2.00	0.0
33147	JUNCTION	93.68	2.00	0.0
33161	JUNCTION	93.57	2.00	0.0
35248	JUNCTION	96.08	2.00	0.0
35262	JUNCTION	96.12	2.00	0.0
ARDJ01	JUNCTION	97.82	1.00	0.0
ARDJ02	JUNCTION	97.78	1.00	0.0
ARDJ03	JUNCTION	97.74	1.00	0.0
ARDJ04	JUNCTION	97.54	1.00	0.0
ARDJ05	JUNCTION	97.46	1.00	0.0
ARDJ06	JUNCTION	97.28	1.00	0.0
ARDJ07	JUNCTION	97.04	1.00	0.0
ARDJ08	JUNCTION	96.98	1.00	0.0
ARDJ09	JUNCTION	96.59	1.00	0.0
ARDJ10	JUNCTION	96.33	1.00	0.0
ARDJ11	JUNCTION	96.08	1.00	0.0
ARDJ12	JUNCTION	95.85	2.00	0.0
ARDJ13	JUNCTION	95.50	2.00	0.0
ARDJ14	JUNCTION	95.36	2.00	0.0
DDJ01	JUNCTION	95.46	1.52	0.0
DDJ02	JUNCTION	95.43	1.52	0.0
DDJ03	JUNCTION	95.38	0.35	0.0
DDJ04	JUNCTION	95.33	0.35	0.0
DDJ05	JUNCTION	95.24	0.37	0.0
DDJ06	JUNCTION	95.17	0.43	0.0
J1	JUNCTION	93.70	2.00	0.0
J100	JUNCTION	98.38	1.00	0.0
J1010	JUNCTION	93.71	1.00	0.0
J102	JUNCTION	98.26	1.00	0.0
J1036	JUNCTION	93.52	1.00	0.0
J109	JUNCTION	98.35	1.00	0.0
J11	JUNCTION	95.67	1.00	0.0
J112	JUNCTION	97.54	1.00	0.0
J114	JUNCTION	97.65	1.00	0.0
J1142	JUNCTION	93.47	1.00	0.0
J116	JUNCTION	96.45	1.00	0.0
J12_1	JUNCTION	96.33	2.00	0.0
J1209	JUNCTION	94.68	1.00	0.0
J1210	JUNCTION	97.38	1.00	0.0
J1213	JUNCTION	94.80	1.00	0.0
J1216	JUNCTION	96.65	1.00	0.0
J1219	JUNCTION	96.19	1.00	0.0
J1222	JUNCTION	95.98	1.00	0.0
J1225	JUNCTION	98.24	1.00	0.0
J1227	JUNCTION	98.50	1.00	0.0
J1229	JUNCTION	97.19	1.00	0.0
J1231	JUNCTION	97.44	1.00	0.0
J1232	JUNCTION	96.81	1.00	0.0
J1233	JUNCTION	92.80	2.00	0.0
J124	JUNCTION	97.67	1.00	0.0
J1240	JUNCTION	94.71	0.79	0.0
J1241	JUNCTION	95.18	1.00	0.0
J1249	JUNCTION	94.80	1.00	0.0
J1254	JUNCTION	96.74	1.00	0.0
J1258	JUNCTION	96.16	1.00	0.0
J1259	JUNCTION	95.54	1.00	0.0
J126	JUNCTION	97.31	1.00	0.0
J1260	JUNCTION	95.53	1.00	0.0
J1268	JUNCTION	95.20	1.00	0.0
J1270	JUNCTION	94.97	1.00	0.0
J1272	JUNCTION	93.67	1.00	0.0
J1273	JUNCTION	96.83	1.00	0.0

J1276	JUNCTION	93.78	1.00	0.0
J1277	JUNCTION	97.18	1.00	0.0
J1278	JUNCTION	94.07	1.00	0.0
J1279	JUNCTION	97.46	1.00	0.0
J1280	JUNCTION	97.25	1.00	0.0
J1294	JUNCTION	97.02	1.00	0.0
J1299	JUNCTION	95.14	1.00	0.0
J13	JUNCTION	98.24	1.00	0.0
J1300	JUNCTION	97.17	1.00	0.0
J1301	JUNCTION	95.61	1.08	0.0
J1306	JUNCTION	97.52	1.00	0.0
J1308	JUNCTION	94.81	1.00	0.0
J1314	JUNCTION	95.84	1.00	0.0
J1318	JUNCTION	95.36	1.00	0.0
J1322	JUNCTION	93.95	1.00	0.0
J1324	JUNCTION	97.55	1.00	0.0
J1325	JUNCTION	93.69	1.00	0.0
J1329	JUNCTION	94.58	0.80	0.0
J1330	JUNCTION	93.53	1.00	0.0
J1331	JUNCTION	94.60	1.00	0.0
J1332	JUNCTION	95.82	1.00	0.0
J1334	JUNCTION	94.47	1.00	0.0
J1335	JUNCTION	93.14	2.00	0.0
J1338	JUNCTION	97.08	1.00	0.0
J1344	JUNCTION	96.74	1.00	0.0
J1348	JUNCTION	94.43	1.00	0.0
J135	JUNCTION	97.17	1.00	0.0
J1352	JUNCTION	93.18	1.00	0.0
J1355	JUNCTION	94.55	1.00	0.0
J138	JUNCTION	98.46	1.00	0.0
J140	JUNCTION	98.30	1.00	0.0
J142	JUNCTION	96.65	1.00	0.0
J15	JUNCTION	96.35	1.00	0.0
J153	JUNCTION	97.06	1.00	0.0
J159	JUNCTION	96.79	1.00	0.0
J161	JUNCTION	97.74	1.00	0.0
J165	JUNCTION	96.54	1.00	0.0
J167	JUNCTION	97.51	1.00	0.0
J169	JUNCTION	96.99	1.00	0.0
J17	JUNCTION	98.17	1.00	0.0
J172	JUNCTION	96.75	1.00	0.0
J18	JUNCTION	95.10	0.42	0.0
J19	JUNCTION	93.26	1.00	0.0
J199	JUNCTION	97.55	1.00	0.0
J2	JUNCTION	93.89	1.00	0.0
J20	JUNCTION	98.22	1.00	0.0
J205	JUNCTION	97.00	1.00	0.0
J209	JUNCTION	96.33	1.00	0.0
J217	JUNCTION	97.24	1.00	0.0
J219	JUNCTION	97.39	1.00	0.0
J221	JUNCTION	95.05	1.00	0.0
J225	JUNCTION	97.23	1.00	0.0
J229	JUNCTION	96.39	1.00	0.0
J23	JUNCTION	98.11	1.00	0.0
J241	JUNCTION	96.38	1.00	0.0
J254	JUNCTION	97.10	1.00	0.0
J273	JUNCTION	97.13	1.00	0.0
J275	JUNCTION	96.17	1.00	0.0
J28	JUNCTION	98.20	1.00	0.0
J283	JUNCTION	96.12	1.00	0.0
J294	JUNCTION	96.19	1.00	0.0
J299	JUNCTION	96.08	1.00	0.0
J3	JUNCTION	93.41	2.00	0.0
J30	JUNCTION	97.63	1.00	0.0
J304	JUNCTION	95.97	1.00	0.0
J319	JUNCTION	95.88	1.00	0.0
J32	JUNCTION	98.17	1.00	0.0
J329	JUNCTION	95.17	1.00	0.0
J35	JUNCTION	98.04	1.00	0.0
J355	JUNCTION	94.30	1.00	0.0
J36	JUNCTION	93.42	2.00	0.0
J360	JUNCTION	95.91	1.00	0.0
J362	JUNCTION	96.28	1.00	0.0
J37	JUNCTION	98.92	1.00	0.0
J372	JUNCTION	96.58	1.00	0.0
J384	JUNCTION	94.86	1.00	0.0
J39	JUNCTION	97.78	1.00	0.0
J392	JUNCTION	95.34	1.00	0.0
J394	JUNCTION	95.14	1.00	0.0
J396	JUNCTION	95.00	1.00	0.0
J398	JUNCTION	95.71	1.00	0.0
J41	JUNCTION	98.10	1.00	0.0
J419	JUNCTION	95.89	1.00	0.0
J43	JUNCTION	97.98	1.00	0.0
J433	JUNCTION	95.70	1.00	0.0
J443	JUNCTION	95.65	1.00	0.0
J447	JUNCTION	95.40	1.00	0.0
J449	JUNCTION	94.74	1.00	0.0
J451	JUNCTION	95.25	1.00	0.0
J453	JUNCTION	94.81	1.00	0.0
J455	JUNCTION	95.56	1.00	0.0
J458	JUNCTION	95.50	1.00	0.0
J46	JUNCTION	95.66	2.00	0.0
J462	JUNCTION	94.57	1.00	0.0
J467	JUNCTION	95.27	1.00	0.0
J47	JUNCTION	95.75	2.00	0.0
J472	JUNCTION	95.27	1.00	0.0
J475	JUNCTION	95.16	1.00	0.0
J479	JUNCTION	94.61	1.00	0.0
J48	JUNCTION	97.44	1.00	0.0
J491	JUNCTION	94.61	1.00	0.0
J50	JUNCTION	94.70	1.00	0.0
J51	JUNCTION	95.58	1.00	0.0

J52	JUNCTION	98.60	1.00	0.0
J523	JUNCTION	94.43	1.00	0.0
J525	JUNCTION	95.40	1.00	0.0
J54	JUNCTION	97.36	1.00	0.0
J55	JUNCTION	95.10	1.00	0.0
J56	JUNCTION	97.39	1.00	0.0
J562	JUNCTION	94.57	1.00	0.0
J57	JUNCTION	95.59	2.00	0.0
J576	JUNCTION	95.06	1.00	0.0
J58	JUNCTION	93.70	1.00	0.0
J580	JUNCTION	94.50	1.00	0.0
J584	JUNCTION	95.27	1.00	0.0
J59	JUNCTION	98.89	1.00	0.0
J596	JUNCTION	95.27	1.00	0.0
J598	JUNCTION	93.92	1.00	0.0
J602	JUNCTION	95.22	1.00	0.0
J61	JUNCTION	98.62	1.00	0.0
J611	JUNCTION	95.13	1.00	0.0
J623	JUNCTION	95.03	1.00	0.0
J63	JUNCTION	97.36	1.00	0.0
J633	JUNCTION	93.64	1.00	0.0
J644	JUNCTION	94.98	1.00	0.0
J646	JUNCTION	94.99	1.00	0.0
J650	JUNCTION	94.87	1.00	0.0
J658	JUNCTION	95.03	1.00	0.0
J66	JUNCTION	98.97	1.00	0.0
J660	JUNCTION	94.99	1.00	0.0
J664	JUNCTION	94.99	1.00	0.0
J668	JUNCTION	93.96	1.00	0.0
J673	JUNCTION	93.46	1.00	0.0
J676	JUNCTION	94.78	1.00	0.0
J68	JUNCTION	97.67	1.00	0.0
J684	JUNCTION	94.96	1.00	0.0
J686	JUNCTION	94.86	1.00	0.0
J693	JUNCTION	94.87	1.00	0.0
J70	JUNCTION	95.46	1.00	0.0
J703	JUNCTION	94.94	1.00	0.0
J710	JUNCTION	94.39	1.00	0.0
J712	JUNCTION	94.84	1.00	0.0
J718	JUNCTION	94.93	1.00	0.0
J72	JUNCTION	98.12	1.00	0.0
J728	JUNCTION	94.87	1.00	0.0
J744	JUNCTION	94.49	1.00	0.0
J746	JUNCTION	94.60	1.00	0.0
J748	JUNCTION	94.54	1.00	0.0
J75	JUNCTION	97.64	1.00	0.0
J757	JUNCTION	94.74	1.00	0.0
J76	JUNCTION	95.40	2.00	0.0
J761	JUNCTION	94.83	1.00	0.0
J77	JUNCTION	97.40	1.00	0.0
J777	JUNCTION	94.60	0.77	0.0
J779	JUNCTION	94.92	1.00	0.0
J797	JUNCTION	94.71	1.00	0.0
J803	JUNCTION	94.27	1.00	0.0
J81	JUNCTION	95.47	2.00	0.0
J82	JUNCTION	100.49	1.00	0.0
J834	JUNCTION	94.81	1.00	0.0
J84	JUNCTION	98.34	1.00	0.0
J86	JUNCTION	96.83	1.00	0.0
J87	JUNCTION	94.86	0.69	0.0
J88	JUNCTION	96.75	1.00	0.0
J9	JUNCTION	98.20	1.00	0.0
J9_1	JUNCTION	96.30	1.00	0.0
J90	JUNCTION	97.22	1.00	0.0
J92	JUNCTION	101.17	1.00	0.0
J923	JUNCTION	94.12	1.00	0.0
J925	JUNCTION	94.47	1.00	0.0
J929	JUNCTION	94.44	1.00	0.0
J95	JUNCTION	97.23	1.00	0.0
J954	JUNCTION	94.70	1.00	0.0
J964	JUNCTION	94.48	1.00	0.0
Mesure_point	JUNCTION	94.94	0.43	0.0
NOF1_1	JUNCTION	92.18	2.00	0.0
PDJ01	JUNCTION	96.05	2.00	0.0
PDJ02	JUNCTION	96.01	2.00	0.0
PDJ03	JUNCTION	96.00	2.00	0.0
PDJ04	JUNCTION	95.96	2.00	0.0
PDJ05	JUNCTION	95.84	2.00	0.0
PDJ06	JUNCTION	95.80	2.00	0.0
PDJ07	JUNCTION	95.82	2.00	0.0
PDJ08	JUNCTION	95.92	2.00	0.0
PDJ09	JUNCTION	95.97	1.00	0.0
PDJ10	JUNCTION	96.09	1.00	0.0
NOF1	OUTFALL	92.00	0.85	0.0
NOF2	OUTFALL	93.00	1.00	0.0
Outfall_A	OUTFALL	92.64	0.90	0.0
Outfall_B	OUTFALL	92.80	1.38	0.0
POND	STORAGE	94.40	2.50	0.0

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
AR_culvert450	J46	ARDJ14	CONDUIT	40.0	0.7305	0.0120
ARDC01	ARDJ01	ARDJ02	CONDUIT	16.7	0.2568	0.0450
ARDC02_Culvert450	ARDJ02	ARDJ03	CONDUIT	16.8	0.2562	0.0120
ARDC03	ARDJ03	ARDJ04	CONDUIT	68.5	0.2861	0.0450
ARDC04_Culvert450	ARDJ04	ARDJ05	CONDUIT	21.1	0.4077	0.0120
ARDC05	ARDJ05	ARDJ06	CONDUIT	65.1	0.2644	0.0450
ARDC06	ARDJ06	ARDJ07	CONDUIT	90.2	0.2671	0.0450
ARDC07_Culvert450	ARDJ07	ARDJ08	CONDUIT	20.8	0.2840	0.0120

ARDC08	ARDJ08	ARDJ09	CONDUIT	119.8	0.3254	0.0450
ARDC09	ARDJ09	ARDJ10	CONDUIT	95.4	0.2808	0.0450
ARDC10	ARDJ10	ARDJ11	CONDUIT	91.1	0.2690	0.0450
ARDC11	ARDJ11	ARDJ12	CONDUIT	72.4	0.3190	0.0450
ARDC12	ARDJ12	ARDJ13	CONDUIT	40.1	0.8682	0.0450
ARDC13	ARDJ13	ARDJ14	CONDUIT	10.0	1.3719	0.0450
ARDC14_Culvert600	ARDJ14	J55	CONDUIT	19.1	1.3877	0.0160
C1_1	30475	NOF1_1	CONDUIT	284.8	0.2328	0.0350
C1_2	NOF1_1	30259	CONDUIT	25.9	0.2314	0.0350
C10	16639	16677	CONDUIT	35.6	0.7273	0.0350
C103	J686	J728	CONDUIT	24.0	-0.0250	0.0350
C105	J124	J167	CONDUIT	64.6	0.2492	0.0350
C113	J602	J664	CONDUIT	130.6	0.1761	0.0350
C115	PDJ06	POND	CONDUIT	10.0	0.5600	0.0550
C116	J254	J1232	CONDUIT	74.5	0.3865	0.0350
C12_1	16553	J12_1	CONDUIT	11.9	0.2690	0.0350
C124	J159	J1254	CONDUIT	17.7	0.2819	0.0350
C128	J929	J1036	CONDUIT	368.5	0.2494	0.0350
C132	J455	J1259	CONDUIT	79.0	0.0164	0.0350
C134	J728	J757	CONDUIT	62.4	0.2147	0.0350
C137	16902	16874	CONDUIT	5.6	1.3999	0.0120
C138	J165	J275	CONDUIT	195.6	0.1907	0.0350
C142	J1233	Outfall_B	CONDUIT	23.4	0.0043	0.0350
C144	31659	J1233	CONDUIT	22.8	0.0747	0.0240
C145	J39	J56	CONDUIT	97.1	0.3946	0.0350
C147	30776	Outfall_A	CONDUIT	19.7	0.2542	0.0120
C153	J596	J1268	CONDUIT	93.5	0.0727	0.0350
C155	J360	J447	CONDUIT	74.7	0.6824	0.0350
C156	J576	J1270	CONDUIT	10.7	0.8021	0.0350
C16	J472	J467	CONDUIT	10.6	-0.0188	0.0350
C163	15526	15536	CONDUIT	15.3	0.6914	0.0190
C165	J112	J1277	CONDUIT	98.6	0.3682	0.0350
C167	J199	J1279	CONDUIT	22.3	0.3953	0.0350
C172	J167	J1280	CONDUIT	48.1	0.5506	0.0350
C176	J467	J451	CONDUIT	31.3	0.0639	0.0350
C180	J646	J710	CONDUIT	105.1	0.5736	0.0350
C186	J757	J797	CONDUIT	20.5	0.1266	0.0350
C189	J47	J46	CONDUIT	8.0	1.1776	0.0350
C190	J1232	J372	CONDUIT	84.0	0.2763	0.0350
C196	J1318	J584	CONDUIT	73.5	0.1265	0.0350
C199	J52	J1227	CONDUIT	98.1	0.1091	0.0350
C2	16797	16677	CONDUIT	179.6	0.3786	0.0350
C200	J443	J525	CONDUIT	76.4	0.3299	0.0350
C202	J451	J475	CONDUIT	42.8	0.2078	0.0350
C207	J797	J746	CONDUIT	57.7	0.1906	0.0350
C213	J803	31616	CONDUIT	115.3	0.6080	0.0350
C213_1	J15	J11	CONDUIT	315.0	0.2165	0.0350
C213_3	J11	J51	CONDUIT	39.2	0.2168	0.0350
C213_4	J51	J70	CONDUIT	57.9	0.2159	0.0350
C214	J135	J1294	CONDUIT	164.9	0.0910	0.0350
C218	16611	16576	CONDUIT	44.3	-0.1716	0.0350
C22	30901	30874	CONDUIT	54.2	2.0251	0.0350
C221	J447	J1299	CONDUIT	29.1	0.8808	0.0350
C223	J66	J61	CONDUIT	60.0	0.5849	0.0350
C225	J56	J1300	CONDUIT	143.6	0.1567	0.0350
C226	J1258	J1301	CONDUIT	221.4	0.2498	0.0350
C23	J392	J1213	CONDUIT	112.4	0.4822	0.0350
C230	16576	16553	CONDUIT	5.1	2.1968	0.0240
C231_1	17181	17189	CONDUIT	40.9	0.4333	0.0350
C231_2	17189	17125	CONDUIT	61.5	0.4700	0.0350
C233	J664	J660	CONDUIT	22.1	-0.0136	0.0350
C234	J644	J703	CONDUIT	91.3	0.0460	0.0350
C239	J20	J9	CONDUIT	8.2	0.2937	0.0350
C24	J92	J82	CONDUIT	62.2	1.0943	0.0350
C241	J114	J1306	CONDUIT	44.9	0.2987	0.0350
C245	J475	J1299	CONDUIT	20.3	0.0986	0.0350
C248	J9	J17	CONDUIT	14.7	0.1765	0.0350
C25	30874	30846	CONDUIT	54.7	1.1510	0.0350
C251	J660	J684	CONDUIT	63.7	0.0455	0.0350
C256	J17	J23	CONDUIT	134.9	0.0445	0.0350
C259	J1299	J479	CONDUIT	69.3	0.7722	0.0350
C262	J746	J748	CONDUIT	32.1	0.1872	0.0350
C263	J372	J362	CONDUIT	57.1	0.5218	0.0350
C266	J95	J153	CONDUIT	44.4	0.3826	0.0350
C267	J61	J100	CONDUIT	45.9	0.5233	0.0350
C268	J710	J668	CONDUIT	24.8	1.7126	0.0350
C27	30259	NOF1	CONDUIT	27.0	0.4586	0.0240
C27_1	30846	J36	CONDUIT	15.3	0.5820	0.0350
C27_2	J36	30821	CONDUIT	40.4	0.5845	0.0350
C271	J304	J1314	CONDUIT	27.8	0.4639	0.0350
C272	16496	16468	CONDUIT	8.0	0.5964	0.0350
C275	J748	J744	CONDUIT	58.8	0.0783	0.0350
C276	J1227	J72	CONDUIT	51.5	0.7223	0.0350
C277	17077	17050	CONDUIT	37.6	0.4203	0.0350
C279	16468	35262	CONDUIT	23.5	0.4300	0.0350
C282	J668	J673	CONDUIT	118.7	0.4205	0.0350
C283	17050	17000	CONDUIT	76.7	0.1095	0.0350
C284	J1259	J1318	CONDUIT	176.9	0.1018	0.0350
C285	J275	J1222	CONDUIT	83.5	0.2252	0.0350
C287	35262	35248	CONDUIT	39.5	0.1038	0.0350
C287_1	J684	J87	CONDUIT	51.9	0.2101	0.0350
C287_2	J87	J777	CONDUIT	122.1	0.2096	0.0350
C288	J153	J169	CONDUIT	101.2	0.0682	0.0350
C289	J703	J718	CONDUIT	71.2	0.0098	0.0350
C29	J172	J1216	CONDUIT	93.2	0.1095	0.0350
C291	J362	J419	CONDUIT	72.7	0.5409	0.0350
C292	35248	15115	CONDUIT	18.8	0.3087	0.0350
C294	J100	J109	CONDUIT	7.5	0.3741	0.0350
C296	J1260	J458	CONDUIT	65.2	0.0445	0.0350
C297_1	J479	J50	CONDUIT	70.5	-0.1390	0.0350
C299	15115	J47	CONDUIT	33.8	0.8018	0.0350
C3	J1272	J36	CONDUIT	173.2	0.1472	0.0350
C30	J433	J455	CONDUIT	88.3	0.1642	0.0350

C300	J109	J1306	CONDUIT	162.7	0.5115	0.0350
C305	J1142	J1335	CONDUIT	320.6	0.1029	0.0350
C308	J744	J668	CONDUIT	216.6	0.2461	0.0350
C309	J72	J1324	CONDUIT	157.3	0.3656	0.0350
C31	J59	J52	CONDUIT	170.0	0.1706	0.0350
C310_1	J57	ARDJ14	CONDUIT	5.9	3.7750	0.0350
C310_2	J57	15169	CONDUIT	36.0	0.2473	0.0350
C311	J1276	J1325	CONDUIT	48.9	0.1819	0.0350
C313	J138	J140	CONDUIT	65.9	0.2427	0.0350
C314	15169	15183	CONDUIT	50.0	0.1880	0.0350
C319	J23	J28	CONDUIT	38.4	-0.2345	0.0350
C32	J41	J39	CONDUIT	96.9	0.3335	0.0350
C320	J718	J779	CONDUIT	66.7	0.0150	0.0350
C322	15183	15017	CONDUIT	36.2	0.0028	0.0350
C324	J1222	J319	CONDUIT	115.7	0.0873	0.0350
C326	17000	16902	CONDUIT	87.9	0.2390	0.0350
C327	J419	J1314	CONDUIT	38.2	0.1177	0.0350
C329	15017	15023	CONDUIT	34.9	-0.0945	0.0350
C33	30821	30790	CONDUIT	55.2	0.2537	0.0350
C331	J28	J35	CONDUIT	65.0	0.2493	0.0350
C333	15023	15526	CONDUIT	24.1	0.2320	0.0350
C334	16611	16639	CONDUIT	11.1	2.0641	0.0240
C335	J140	J1279	CONDUIT	200.2	0.4221	0.0350
C34	30790	30776	CONDUIT	23.1	1.5402	0.0350
C340	J1314	J525	CONDUIT	202.0	0.2198	0.0350
C341	J779	J761	CONDUIT	57.7	0.1524	0.0350
C346	15536	17316	CONDUIT	112.5	0.3759	0.0350
C35	30741	30776	CONDUIT	19.4	1.1910	0.0350
C350	17316	31735	CONDUIT	118.7	0.2645	0.0350
C352	J35	J32	CONDUIT	9.3	-1.4792	0.0350
C353	J954	J58	CONDUIT	126.4	0.7889	0.0350
C355	J777	J1329	CONDUIT	48.6	0.0412	0.0350
C356	J1036	J1330	CONDUIT	47.9	-0.0250	0.0350
C359	J1306	J1280	CONDUIT	43.7	0.6269	0.0350
C36	30723	30741	CONDUIT	28.5	0.2070	0.0350
C361	31735	31727	CONDUIT	11.7	0.9578	0.0240
C363	J761	J834	CONDUIT	43.2	0.0625	0.0350
C365	31727	33074	CONDUIT	14.5	-0.5948	0.0350
C367	J319	J1332	CONDUIT	57.5	0.0940	0.0350
C371	33074	33088	CONDUIT	30.4	1.1563	0.0350
C372	J58	31330	CONDUIT	37.6	0.2736	0.0120
C374	J1225	J75	CONDUIT	164.7	0.3618	0.0350
C375	J1280	J1277	CONDUIT	58.8	0.1139	0.0350
C376	J834	J1308	CONDUIT	244.3	-0.0016	0.0350
C377	33088	33102	CONDUIT	25.6	0.1131	0.0350
C378	33102	33116	CONDUIT	31.3	0.2783	0.0350
C379	33116	33130	CONDUIT	27.1	0.4249	0.0350
C38	J116	J1219	CONDUIT	10.0	2.6774	0.0350
C381_1	33130	J3	CONDUIT	11.1	4.7154	0.0350
C381_2	J3	33147	CONDUIT	16.2	-1.7235	0.0350
C384	33147	33161	CONDUIT	27.9	0.4163	0.0350
C385	33161	31717	CONDUIT	26.9	1.3818	0.0350
C388	31717	31692	CONDUIT	15.9	0.1444	0.0140
C391	J1277	J1338	CONDUIT	84.4	0.1173	0.0350
C397	31692	31679	CONDUIT	21.3	-0.3187	0.0350
C398	31679	31659	CONDUIT	22.3	1.9102	0.0350
C399	J525	J1318	CONDUIT	37.1	0.1024	0.0350
C4	J30	J48	CONDUIT	54.3	0.3517	0.0350
C401	J70	J221	CONDUIT	218.5	0.1858	0.0350
C403	J77	J63	CONDUIT	28.6	0.1260	0.0350
C405	31616	31659	CONDUIT	76.1	0.9875	0.0350
C407	J1	31499	CONDUIT	201.6	0.0342	0.0350
C408	J63	J1210	CONDUIT	9.2	-0.1746	0.0350
C409	J219	J1229	CONDUIT	160.5	0.1271	0.0350
C41	J623	J658	CONDUIT	38.5	0.0104	0.0350
C413	J1210	J1300	CONDUIT	146.5	0.1433	0.0350
C416	J75	J1324	CONDUIT	8.6	1.0602	0.0350
C42	30703	30723	CONDUIT	43.3	0.0416	0.0350
C420	J584	J1268	CONDUIT	57.6	0.1145	0.0350
C423	J1324	J1231	CONDUIT	121.4	0.0898	0.0350
C425	31499	31478	CONDUIT	43.7	0.0252	0.0350
C429	J1268	J650	CONDUIT	170.6	0.1976	0.0350
C43	30690	30703	CONDUIT	29.0	0.8334	0.0350
C432	J1231	J126	CONDUIT	69.2	0.1865	0.0350
C433	J1300	J90	CONDUIT	15.7	-0.3309	0.0350
C437	J90	J86	CONDUIT	49.0	0.8066	0.0350
C439_1	J221	J55	CONDUIT	33.7	-0.1366	0.0350
C439_2	J55	J491	CONDUIT	329.0	0.1477	0.0350
C44	J299	J1222	CONDUIT	169.4	0.0602	0.0350
C444_2	J18	Mesure_point	CONDUIT	61.3	0.2544	0.0350
C445	J86	J1344	CONDUIT	49.8	0.1686	0.0350
C447	J126	J1273	CONDUIT	137.8	0.3469	0.0350
C448	J1229	J1338	CONDUIT	136.9	0.0789	0.0350
C451	Mesure_point	J87	CONDUIT	108.7	0.0819	0.0350
C452	J650	J693	CONDUIT	35.5	-0.0169	0.0350
C455	J693	J712	CONDUIT	23.2	0.1381	0.0350
C457	31478	31330	CONDUIT	225.2	0.0089	0.0350
C460	J712	J676	CONDUIT	46.8	0.1326	0.0350
C465	J1273	J1344	CONDUIT	68.6	0.1312	0.0350
C466	J1338	J205	CONDUIT	174.8	0.0463	0.0350
C468	J676	J1240	CONDUIT	23.3	0.3092	0.0350
C469	J1240	J1329	CONDUIT	63.2	0.2009	0.0350
C47	30654	30690	CONDUIT	70.5	0.1233	0.0350
C472	J1344	J88	CONDUIT	142.2	-0.0035	0.0350
C474	31330	31346	CONDUIT	36.9	0.0271	0.0350
C475	J205	J1294	CONDUIT	25.2	-0.0913	0.0350
C478	J1329	J1348	CONDUIT	125.9	0.1167	0.0350
C481	J1294	J169	CONDUIT	27.9	0.1073	0.0350
C485	J491	J523	CONDUIT	50.8	0.3660	0.0350
C486	J88	J142	CONDUIT	18.7	0.5147	0.0350
C49	J43	J1225	CONDUIT	12.8	-1.9963	0.0350
C490	J142	J1219	CONDUIT	100.9	0.4598	0.0350
C491	J523	J1233	CONDUIT	337.4	0.4825	0.0350

C493	31346	31282	CONDUIT	156.7	0.0511	0.0350
C498	J1254	J1216	CONDUIT	72.5	0.1201	0.0350
C499	J1219	16677	CONDUIT	42.0	0.6518	0.0350
C5	J611	J1209	CONDUIT	62.0	0.7244	0.0350
C50	30654	J1335	CONDUIT	121.8	0.1461	0.0350
C505	J1216	J209	CONDUIT	128.5	0.2467	0.0350
C507	J1348	J1278	CONDUIT	181.7	0.2015	0.0350
C513	J209	J294	CONDUIT	65.6	0.2120	0.0350
C514	31282	31294	CONDUIT	41.6	-0.1708	0.0350
C517	J1278	J1010	CONDUIT	133.2	0.2702	0.0350
C518	J294	J283	CONDUIT	24.1	0.3107	0.0350
C52	J13	J20	CONDUIT	22.1	0.1043	0.0350
C520	J355	J1233	CONDUIT	30.8	4.8731	0.0350
C521	J229	J241	CONDUIT	36.2	0.0221	0.0350
C522	J283	J1332	CONDUIT	151.9	0.1943	0.0350
C524	J925	J355	CONDUIT	346.5	0.0499	0.0350
C525	31294	31055	CONDUIT	159.2	0.1445	0.0350
C525_3	J241	15115	CONDUIT	120.9	0.2986	0.0350
C528	J1010	J1352	CONDUIT	245.2	0.2141	0.0350
C53	J37	J1227	CONDUIT	132.8	0.3194	0.0350
C530	J1332	J398	CONDUIT	130.9	0.0871	0.0350
C535	J398	J1301	CONDUIT	8.5	1.2133	0.0350
C537_2	J76	J1241	CONDUIT	159.7	0.2029	0.0350
C537_3	J1301	J81	CONDUIT	26.5	0.1357	0.0350
C540	J329	J394	CONDUIT	17.4	0.1777	0.0350
C541	J1334	J925	CONDUIT	28.7	0.0035	0.0350
C542	J394	J396	CONDUIT	51.8	0.2647	0.0350
C543	J964	J1334	CONDUIT	67.3	0.0104	0.0350
C545	J396	J384	CONDUIT	58.0	0.2484	0.0350
C546	J954	J964	CONDUIT	50.0	0.4380	0.0350
C547	J384	J1213	CONDUIT	40.6	0.1355	0.0350
C548	J1241	J1270	CONDUIT	28.0	0.7390	0.0350
C550	J1213	J453	CONDUIT	19.9	-0.0604	0.0350
C551	J1270	J1249	CONDUIT	150.5	0.1156	0.0350
C552	J453	J449	CONDUIT	9.4	0.7965	0.0350
C553_1	J449	J50	CONDUIT	32.2	0.1024	0.0350
C553_2	J50	J1331	CONDUIT	108.2	0.1007	0.0350
C555	J1331	J462	CONDUIT	49.6	0.0524	0.0350
C556	J462	J1355	CONDUIT	43.5	0.0575	0.0350
C557	J1209	J562	CONDUIT	108.0	0.1019	0.0350
C558	J562	J1355	CONDUIT	189.0	0.0138	0.0350
C559	J1355	J598	CONDUIT	87.6	0.7167	0.0350
C560_1	J598	J2	CONDUIT	13.0	0.2377	0.0120
C560_2	J2	J633	CONDUIT	98.1	0.2538	0.0350
C561	J633	J673	CONDUIT	40.8	0.4292	0.0350
C562	J673	J3	CONDUIT	29.6	0.1926	0.0350
C569	J1322	31346	CONDUIT	69.3	0.5197	0.0350
C57	J84	J102	CONDUIT	20.6	0.4071	0.0350
C575	30961	31055	CONDUIT	169.9	0.2542	0.0350
C58	J217	J1229	CONDUIT	40.4	0.1311	0.0350
C580	30901	30961	CONDUIT	90.0	1.6128	0.0350
C584	J1325	J1272	CONDUIT	33.4	0.0539	0.0350
C586	J1330	J1352	CONDUIT	79.4	0.4380	0.0350
C587_1	J1352	30776	CONDUIT	224.6	0.2204	0.0350
C6	J54	J1210	CONDUIT	12.9	-0.1242	0.0350
C60	J68	J1231	CONDUIT	89.0	0.2528	0.0350
C600	J48	17050	CONDUIT	61.5	0.2050	0.0350
C614_2	J19	30475	CONDUIT	212.7	0.1933	0.0350
C615	J32	J1225	CONDUIT	57.5	-0.1062	0.0350
C617	J1279	J219	CONDUIT	40.0	0.1675	0.0350
C62	J273	J1232	CONDUIT	123.2	0.2598	0.0350
C621	J923	31294	CONDUIT	237.9	0.2282	0.0350
C622	J169	J1254	CONDUIT	160.5	0.1583	0.0350
C624	J1249	J1209	CONDUIT	105.0	0.1124	0.0350
C63_1	J1	31616	CONDUIT	9.5	1.3863	0.0350
C66	J580	J1233	CONDUIT	194.6	0.8726	0.0350
C7	J1308	J929	CONDUIT	235.9	0.1581	0.0100
C7_1	17125	17111	CONDUIT	14.6	2.5439	0.0350
C7_2	17111	17077	CONDUIT	47.5	-0.6968	0.0350
C70	31055	NOF2	CONDUIT	20.1	1.7506	0.0120
C72	J458	DDJ01	CONDUIT	34.4	0.1046	0.0350
C78	J1335	30475	CONDUIT	214.4	0.1390	0.0350
C80	16815	16797	CONDUIT	9.4	1.0485	0.0120
C81	16874	16815	CONDUIT	28.8	0.8578	0.0350
C82	J102	J114	CONDUIT	159.9	0.3771	0.0350
C85	J658	J646	CONDUIT	97.6	0.0389	0.0350
C88	J161	J199	CONDUIT	63.0	0.3094	0.0350
C9	J225	J217	CONDUIT	38.2	-0.0288	0.0350
C9_1	J12_1	J9_1	CONDUIT	50.0	0.0640	0.0350
C9_2	J9_1	16496	CONDUIT	11.9	0.2691	0.0350
C93	16677	J11	CONDUIT	14.1	1.7250	0.0240
C96	J82	J138	CONDUIT	272.6	0.7451	0.0350
DDC01_CULVERT_600	DDJ01	DDJ02	CONDUIT	28.8	0.1147	0.0190
DDC02	DDJ02	DDJ03	CONDUIT	28.8	0.1772	0.0350
DDC03	DDJ03	DDJ04	CONDUIT	31.6	0.1551	0.0350
DDC04	DDJ04	DDJ05	CONDUIT	74.7	0.1204	0.0350
DDC05	DDJ05	DDJ06	CONDUIT	70.5	0.0965	0.0350
DDC06	DDJ06	Mesure_point	CONDUIT	230.2	0.0995	0.0350
MD_AR_Culvert700mm	J81	J76	CONDUIT	27.7	0.2422	0.0180
PDC01	PDJ01	PDJ02	CONDUIT	6.5	0.6182	0.0450
PDC02_CULVERT450	PDJ02	PDJ03	CONDUIT	12.3	0.0813	0.0120
PDC03	PDJ03	PDJ04	CONDUIT	11.4	0.3687	0.0450
PDC04	PDJ04	PDJ05	CONDUIT	31.5	0.3651	0.0450
PDC05	PDJ05	PDJ06	CONDUIT	7.7	0.5465	0.0450
PDC06	PDJ07	PDJ06	CONDUIT	40.4	0.0494	0.0450
PDC07	PDJ08	PDJ07	CONDUIT	33.5	0.3017	0.0450
PDC08_CULVERT450	PDJ09	PDJ08	CONDUIT	17.3	0.3004	0.0120
PDC09	PDJ10	PDJ09	CONDUIT	28.5	0.3931	0.0450
P1	POND	ARDJ01	TYPE3 PUMP			
P2	POND	J18	TYPE3 PUMP			

Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
AR_culvert450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.26
ARDC01	TRAPEZOIDAL	0.75	1.73	0.42	3.80	1	1.08
ARDC02_Culvert450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.16
ARDC03	TRAPEZOIDAL	0.75	1.73	0.42	3.80	1	1.14
ARDC04_Culvert450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.20
ARDC05	TRAPEZOIDAL	0.75	1.73	0.42	3.80	1	1.10
ARDC06	TRAPEZOIDAL	0.85	2.12	0.46	4.20	1	1.46
ARDC07_Culvert450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.16
ARDC08	TRAPEZOIDAL	0.86	2.15	0.47	4.23	1	1.64
ARDC09	TRAPEZOIDAL	0.90	2.34	0.48	4.40	1	1.70
ARDC10	TRAPEZOIDAL	0.95	2.56	0.51	4.60	1	1.88
ARDC11	TRAPEZOIDAL	1.00	2.80	0.53	4.80	1	2.31
ARDC12	TRAPEZOIDAL	1.15	3.58	0.60	5.41	1	5.27
ARDC13	TRAPEZOIDAL	1.48	5.88	0.77	6.93	1	12.87
ARDC14_Culvert600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.59
C1_1	T-C123	1.42	15.36	0.74	20.06	1	17.36
C1_2	T-C123	1.42	15.36	0.74	20.06	1	17.31
C10	T-C10	0.77	5.02	0.50	10.00	1	7.66
C103	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.50
C105	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.82
C113	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.98
C115	TRAPEZOIDAL	1.25	4.39	0.67	6.01	1	4.56
C116	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.90
C12_1	T-C249	1.59	13.94	0.60	23.00	1	14.67
C124	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	9.38
C128	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.74
C132	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.22
C134	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.39
C137	CIRCULAR	0.45	0.16	0.11	0.45	1	0.37
C138	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	7.72
C142	T-C142	1.38	13.82	0.67	20.00	1	1.97
C144	CIRCULAR	1.40	1.54	0.35	1.40	1	0.87
C145	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.96
C147	CIRCULAR	0.90	0.64	0.23	0.90	1	0.99
C153	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.56
C155	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.83
C156	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.49
C16	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.30
C163	CIRCULAR	0.45	0.16	0.11	0.45	1	0.16
C165	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	10.72
C167	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	11.11
C172	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	13.11
C176	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.40
C180	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.18
C186	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.37
C189	TRAPEZOIDAL	2.00	14.00	1.31	9.00	1	52.07
C190	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.99
C196	TRAPEZOIDAL	1.00	2.50	0.50	4.50	1	1.61
C199	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.13
C2	T-C2	0.65	4.00	0.40	10.00	1	3.79
C200	TRAPEZOIDAL	1.00	2.50	0.50	4.50	1	2.59
C202	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.32
C207	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.14
C213	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.39
C213_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.41
C213_3	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.42
C213_4	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.41
C214	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.33
C218	T-C218	0.82	3.77	0.37	10.00	1	2.30
C22	T-C22	0.73	4.30	0.43	10.01	1	9.91
C221	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.90
C223	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	13.51
C225	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.75
C226	TRAPEZOIDAL	1.00	7.50	0.64	11.50	1	7.94
C23	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.59
C230	CIRCULAR	0.60	0.28	0.15	0.60	1	0.49
C231_1	T-C231_1	1.56	20.53	0.68	30.00	1	29.74
C231_2	T-C231_2	1.70	13.84	0.52	27.00	1	17.53
C233	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.11
C234	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.03
C239	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.14
C24	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	18.49
C241	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	9.66
C245	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.98
C248	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.98
C25	T-C25	0.68	4.74	0.47	10.00	1	8.79
C251	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.02
C256	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.00
C259	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.33
C262	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.10
C263	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.85
C266	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	10.93
C267	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	12.78
C268	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	12.41
C27	CIRCULAR	0.85	0.57	0.21	0.85	2	0.57
C27_1	T-C27	0.45	2.91	0.36	8.00	1	3.22
C27_2	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	72.43
C271	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.46
C272	T-C272	1.61	13.00	0.61	28.13	1	20.68
C275	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.65
C276	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.06
C277	T-C277	0.44	1.73	0.17	10.01	1	0.98
C279	T-C279	1.50	12.03	0.56	20.89	1	15.32
C282	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.15
C283	T-C283	0.38	1.47	0.14	10.00	1	0.38
C284	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C285	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.38
C287	T-C287	1.59	16.12	0.66	23.02	1	11.20

C287_1	TRAPEZOIDAL	0.50	1.52	0.29	5.02	1	0.88
C287_2	TRAPEZOIDAL	0.69	2.61	0.39	6.54	1	1.82
C288	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	4.62
C289	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.94
C29	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.85
C291	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.98
C292	T-C292	1.68	15.29	0.63	22.48	1	17.89
C294	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	10.81
C296	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.00
C297_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.54
C299	T-C299	1.57	22.16	0.67	32.67	1	43.21
C3	TRAPEZOIDAL	0.50	1.25	0.27	4.50	1	0.57
C30	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.84
C300	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	12.64
C305	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.04
C308	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.70
C309	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.73
C31	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.92
C310_1	TRAPEZOIDAL	0.60	0.96	0.36	2.20	1	2.68
C310_2	T-C310	1.92	35.16	0.85	40.12	1	44.70
C311	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.04
C313	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.71
C314	T-C314	1.75	38.59	0.94	40.00	1	45.90
C319	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.59
C32	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.48
C320	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.16
C322	T-C322	1.57	38.31	0.91	40.00	1	5.40
C324	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.22
C326	T-C326	1.79	20.22	0.68	29.07	1	21.94
C327	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.25
C329	T-C329	1.90	36.27	0.87	40.03	1	29.01
C33	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	47.72
C331	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.74
C333	T-C333	1.64	25.80	0.61	40.01	1	25.58
C334	CIRCULAR	0.60	0.28	0.15	0.60	1	0.48
C335	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	11.48
C34	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	117.57
C340	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.45
C341	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.70
C346	T-C346	0.94	3.32	0.51	6.00	1	3.70
C35	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	103.39
C350	T-C350	1.14	8.76	0.65	12.75	1	9.66
C352	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	11.53
C353	T-C353	0.60	3.47	0.39	8.41	1	4.66
C355	TRAPEZOIDAL	0.77	3.13	0.43	7.15	1	1.03
C356	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.50
C359	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	13.99
C36	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	43.10
C361	CIRCULAR	0.40	0.13	0.10	0.40	1	0.11
C363	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.37
C365	T-C365	1.28	33.57	0.87	40.01	1	67.39
C367	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.42
C371	T-C371	1.18	31.19	0.78	40.00	1	81.49
C372	CIRCULAR	1.00	0.79	0.25	1.00	1	1.36
C374	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.70
C375	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.96
C376	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.38
C377	T-C377	1.19	26.61	0.65	40.00	1	19.26
C378	T-C378	0.41	6.39	0.29	22.00	1	4.21
C379	T-C379	0.32	3.68	0.17	22.05	1	2.07
C38	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	15.52
C381_1	T-C381	1.11	23.40	0.65	38.03	1	108.89
C381_2	T-C381	1.11	23.40	0.65	38.03	1	65.83
C384	T-C384	1.18	22.73	0.66	38.06	1	31.67
C385	T-C385	1.26	18.16	0.51	38.03	1	38.95
C388	CIRCULAR	1.25	1.23	0.31	1.25	1	1.53
C391	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	6.05
C397	T-C397	1.58	20.56	0.50	40.00	1	20.97
C398	T-C398	1.67	25.49	0.69	39.11	1	78.78
C399	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C4	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.62
C401	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.09
C403	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.37
C405	T-C405	2.18	24.99	0.70	37.63	1	55.68
C407	T-C407	1.30	22.49	0.63	38.08	1	8.69
C408	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.96
C409	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	6.30
C41	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.97
C413	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.59
C416	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	9.76
C42	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	19.32
C420	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.21
C423	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.84
C425	T-C425	1.05	22.96	0.56	40.01	1	7.04
C429	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.22
C43	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	86.49
C432	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.10
C433	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.46
C437	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.52
C439_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.50
C439_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.64
C44	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	4.34
C444_2	TRAPEZOIDAL	0.42	1.15	0.25	4.40	1	0.66
C445	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.89
C447	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.59
C448	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	4.96
C451	TRAPEZOIDAL	0.43	1.19	0.26	4.47	1	0.39
C452	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.23
C455	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.52
C457	T-C457	0.34	1.24	0.20	6.00	1	0.11
C460	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.45
C465	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.44
C466	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	3.80

C468	TRAPEZOIDAL	0.79	3.27	0.44	7.30	1	2.99
C469	TRAPEZOIDAL	0.78	3.24	0.43	7.27	1	2.38
C47	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	33.27
C472	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.56
C474	T-C474	0.68	8.08	0.40	19.98	1	2.07
C475	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.34
C478	TRAPEZOIDAL	0.80	3.37	0.44	7.42	1	1.92
C481	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.79
C485	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.74
C486	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.80
C49	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	13.40
C490	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.43
C491	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.59
C493	T-C493	0.76	4.30	0.42	10.01	1	1.57
C498	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	6.12
C499	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.66
C5	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.07
C50	T-C50	0.58	4.79	0.39	12.00	1	2.81
C505	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.78
C507	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.26
C513	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.14
C514	T-C514	0.53	3.25	0.32	10.00	1	1.80
C517	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.93
C518	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	9.85
C52	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.06
C520	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	20.94
C521	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.41
C522	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	7.79
C524	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.12
C525	T-C525	1.10	11.72	0.65	18.00	1	9.51
C525_3	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.18
C528	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.39
C53	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.36
C530	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.21
C535	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	19.46
C537_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.27
C537_3	TRAPEZOIDAL	1.00	8.00	0.65	12.00	1	6.34
C540	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.00
C541	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.56
C542	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.88
C543	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.97
C545	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.73
C546	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.28
C547	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.49
C548	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.15
C550	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.33
C551	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.22
C552	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.46
C553_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C553_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.01
C555	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.17
C556	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.27
C557	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C558	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.11
C559	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.03
C560_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	13.49
C560_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.78
C561	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.21
C562	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.16
C569	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.84
C57	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	11.27
C575	T-C575	1.11	13.28	0.66	20.03	1	14.46
C58	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	6.40
C580	T-C580	0.92	10.71	0.59	18.01	1	27.35
C584	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.20
C586	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.28
C587_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.45
C6	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.34
C60	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.77
C600	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.29
C614_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.17
C615	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.09
C617	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	7.23
C62	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.83
C621	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.53
C622	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	7.03
C624	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.18
C63_1	T-C63	1.16	20.37	0.53	37.78	1	44.87
C66	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.86
C7	TRAPEZOIDAL	0.50	1.25	0.27	4.50	1	2.08
C7_1	T-C7_1	1.22	5.82	0.57	9.87	1	18.30
C7_2	T-C7_2	0.93	5.11	0.49	10.13	1	7.62
C70	CIRCULAR	1.00	0.79	0.25	1.00	1	3.44
C72	TRAPEZOIDAL	0.50	0.75	0.27	2.50	1	0.29
C78	T-C78	1.15	14.17	0.71	19.25	1	12.05
C80	CIRCULAR	0.40	0.13	0.10	0.40	1	0.23
C81	T-C81	0.47	2.57	0.25	10.00	1	2.72
C82	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	10.85
C85	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.87
C88	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	9.83
C9	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	3.00
C9_1	12	0.87	5.69	0.56	10.03	1	2.79
C9_2	9	0.82	4.30	0.42	10.02	1	3.58
C93	CIRCULAR	0.90	0.64	0.23	0.90	1	1.29
C96	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	15.25
DDC01_CULVERT_600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.14
DDC02	TRAPEZOIDAL	0.34	1.24	0.23	5.37	1	0.56
DDC03	TRAPEZOIDAL	0.35	1.33	0.24	5.54	1	0.58
DDC04	TRAPEZOIDAL	0.35	1.31	0.24	5.49	1	0.49
DDC05	TRAPEZOIDAL	0.37	1.42	0.25	5.70	1	0.50
DDC06	TRAPEZOIDAL	0.43	1.76	0.28	6.26	1	0.67
MD_AR_Culvert700mm	FILLED_CIRCULAR	0.60	0.35	0.16	0.70	1	0.28
PDC01	TRAPEZOIDAL	1.04	3.21	0.57	5.16	1	3.84

PDC02_CULVERT450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.09
PDC03	TRAPEZOIDAL	1.08	3.41	0.59	5.32	1	3.22
PDC04	TRAPEZOIDAL	1.09	3.48	0.59	5.37	1	3.29
PDC05	TRAPEZOIDAL	1.21	4.13	0.64	5.83	1	5.06
PDC06	TRAPEZOIDAL	1.22	4.21	0.65	5.89	1	1.57
PDC07	TRAPEZOIDAL	1.13	3.67	0.61	5.51	1	3.21
PDC08_CULVERT450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.17
PDC09	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	2.80

Transect Summary

Transect 1093

Area:

0.0002	0.0008	0.0018	0.0031	0.0049
0.0070	0.0095	0.0148	0.0238	0.0379
0.0545	0.0723	0.0913	0.1114	0.1319
0.1525	0.1733	0.1943	0.2155	0.2370
0.2587	0.2806	0.3027	0.3251	0.3478
0.3706	0.3937	0.4171	0.4406	0.4645
0.4885	0.5128	0.5374	0.5623	0.5874
0.6129	0.6385	0.6645	0.6907	0.7172
0.7440	0.7711	0.7985	0.8262	0.8543
0.8828	0.9116	0.9407	0.9702	1.0000

Hrad:

0.0149	0.0298	0.0447	0.0596	0.0744
0.0893	0.1042	0.0987	0.0942	0.0937
0.1086	0.1268	0.1460	0.1640	0.1926
0.2209	0.2489	0.2765	0.3033	0.3298
0.3560	0.3820	0.4078	0.4334	0.4587
0.4838	0.5087	0.5334	0.5579	0.5823
0.6058	0.6289	0.6518	0.6745	0.6970
0.7194	0.7416	0.7637	0.7857	0.8074
0.8291	0.8491	0.8683	0.8874	0.9064
0.9253	0.9441	0.9628	0.9814	1.0000

Width:

0.0130	0.0260	0.0389	0.0519	0.0649
0.0779	0.0908	0.2513	0.3739	0.5354
0.5744	0.6135	0.6525	0.6798	0.6855
0.6912	0.6968	0.7033	0.7112	0.7190
0.7269	0.7348	0.7427	0.7505	0.7584
0.7663	0.7742	0.7820	0.7899	0.7978
0.8065	0.8156	0.8247	0.8337	0.8428
0.8519	0.8610	0.8701	0.8792	0.8883
0.8973	0.9081	0.9196	0.9311	0.9426
0.9540	0.9655	0.9770	0.9885	1.0000

Transect 1094

Area:

0.0002	0.0007	0.0015	0.0026	0.0041
0.0059	0.0080	0.0104	0.0132	0.0163
0.0197	0.0249	0.0364	0.0524	0.0709
0.0905	0.1113	0.1332	0.1557	0.1784
0.2012	0.2242	0.2473	0.2706	0.2942
0.3183	0.3427	0.3675	0.3926	0.4181
0.4440	0.4703	0.4969	0.5238	0.5510
0.5785	0.6063	0.6345	0.6629	0.6916
0.7207	0.7501	0.7797	0.8098	0.8403
0.8713	0.9028	0.9347	0.9671	1.0000

Hrad:

0.0163	0.0326	0.0489	0.0652	0.0815
0.0978	0.1141	0.1304	0.1466	0.1629
0.1792	0.1811	0.1585	0.1493	0.1580
0.1733	0.1912	0.1965	0.2282	0.2598
0.2911	0.3223	0.3532	0.3813	0.4082
0.4349	0.4612	0.4872	0.5130	0.5385
0.5638	0.5888	0.6147	0.6407	0.6664
0.6920	0.7173	0.7425	0.7674	0.7922
0.8168	0.8413	0.8654	0.8849	0.9043
0.9236	0.9428	0.9619	0.9810	1.0000

Width:

0.0099	0.0197	0.0296	0.0394	0.0493
0.0591	0.0690	0.0789	0.0887	0.0986
0.1084	0.2688	0.4216	0.5409	0.5755
0.6100	0.6445	0.6781	0.6824	0.6867
0.6910	0.6953	0.6996	0.7092	0.7203
0.7315	0.7426	0.7538	0.7649	0.7761
0.7872	0.7984	0.8079	0.8172	0.8264
0.8357	0.8449	0.8542	0.8635	0.8727
0.8820	0.8912	0.9006	0.9148	0.9290
0.9432	0.9574	0.9716	0.9858	1.0000

Transect 1095

Area:

0.0002	0.0007	0.0017	0.0029	0.0046
0.0066	0.0090	0.0117	0.0149	0.0183
0.0222	0.0274	0.0402	0.0575	0.0763
0.0961	0.1170	0.1390	0.1619	0.1852
0.2088	0.2325	0.2565	0.2807	0.3051
0.3297	0.3545	0.3795	0.4048	0.4302
0.4559	0.4818	0.5080	0.5344	0.5611
0.5881	0.6154	0.6429	0.6708	0.6989
0.7273	0.7559	0.7849	0.8141	0.8439
0.8741	0.9048	0.9361	0.9678	1.0000

Hrad:

0.0161	0.0321	0.0482	0.0643	0.0803
0.0964	0.1125	0.1285	0.1446	0.1606
0.1767	0.1834	0.1576	0.1518	0.1616
0.1772	0.1952	0.2142	0.2266	0.2568
0.2868	0.3166	0.3461	0.3753	0.4043
0.4331	0.4617	0.4901	0.5182	0.5462

	0.5740	0.6014	0.6273	0.6529	0.6784
	0.7037	0.7288	0.7537	0.7785	0.8031
	0.8275	0.8517	0.8758	0.8965	0.9138
	0.9311	0.9484	0.9656	0.9828	1.0000
Width:					
	0.0113	0.0226	0.0339	0.0452	0.0565
	0.0678	0.0791	0.0904	0.1017	0.1130
	0.1243	0.2659	0.4963	0.5626	0.5947
	0.6269	0.6592	0.6920	0.7149	0.7215
	0.7281	0.7347	0.7413	0.7480	0.7546
	0.7612	0.7678	0.7744	0.7810	0.7876
	0.7942	0.8010	0.8096	0.8183	0.8269
	0.8355	0.8441	0.8527	0.8614	0.8700
	0.8786	0.8872	0.8958	0.9078	0.9232
	0.9386	0.9539	0.9693	0.9846	1.0000
Transect 1096					
Area:					
	0.0002	0.0008	0.0017	0.0030	0.0047
	0.0068	0.0092	0.0121	0.0153	0.0188
	0.0228	0.0290	0.0415	0.0602	0.0799
	0.1007	0.1225	0.1452	0.1681	0.1912
	0.2145	0.2380	0.2617	0.2856	0.3097
	0.3340	0.3584	0.3831	0.4080	0.4331
	0.4583	0.4838	0.5095	0.5354	0.5616
	0.5882	0.6152	0.6425	0.6701	0.6982
	0.7266	0.7553	0.7844	0.8139	0.8439
	0.8743	0.9051	0.9363	0.9679	1.0000
Hrad:					
	0.0160	0.0320	0.0480	0.0639	0.0799
	0.0959	0.1119	0.1279	0.1439	0.1598
	0.1758	0.1766	0.1549	0.1494	0.1597
	0.1755	0.1938	0.2057	0.2361	0.2662
	0.2961	0.3258	0.3552	0.3844	0.4134
	0.4422	0.4708	0.4991	0.5273	0.5553
	0.5831	0.6107	0.6381	0.6628	0.6859
	0.7089	0.7316	0.7542	0.7766	0.7989
	0.8210	0.8429	0.8636	0.8833	0.9030
	0.9226	0.9421	0.9615	0.9808	1.0000
Width:					
	0.0117	0.0233	0.0350	0.0467	0.0584
	0.0700	0.0817	0.0934	0.1051	0.1167
	0.1284	0.2900	0.5615	0.5946	0.6277
	0.6607	0.6938	0.7064	0.7126	0.7187
	0.7248	0.7309	0.7370	0.7431	0.7492
	0.7553	0.7614	0.7675	0.7736	0.7797
	0.7858	0.7920	0.7981	0.8074	0.8184
	0.8295	0.8406	0.8516	0.8627	0.8737
	0.8848	0.8958	0.9081	0.9213	0.9344
	0.9475	0.9606	0.9738	0.9869	1.0000
Transect 1097					
Area:					
	0.0002	0.0008	0.0019	0.0034	0.0053
	0.0076	0.0104	0.0136	0.0172	0.0212
	0.0270	0.0366	0.0502	0.0693	0.0895
	0.1108	0.1330	0.1561	0.1794	0.2029
	0.2265	0.2502	0.2741	0.2982	0.3224
	0.3467	0.3712	0.3959	0.4207	0.4457
	0.4708	0.4960	0.5214	0.5470	0.5727
	0.5987	0.6250	0.6516	0.6785	0.7058
	0.7333	0.7612	0.7895	0.8180	0.8469
	0.8762	0.9062	0.9369	0.9681	1.0000
Hrad:					
	0.0160	0.0320	0.0480	0.0640	0.0800
	0.0960	0.1120	0.1280	0.1440	0.1600
	0.1651	0.1606	0.1493	0.1537	0.1680
	0.1857	0.2049	0.2168	0.2475	0.2780
	0.3083	0.3385	0.3684	0.3982	0.4278
	0.4572	0.4865	0.5156	0.5445	0.5733
	0.6019	0.6303	0.6587	0.6868	0.7142
	0.7374	0.7605	0.7834	0.8061	0.8286
	0.8510	0.8733	0.8955	0.9174	0.9382
	0.9503	0.9625	0.9748	0.9873	1.0000
Width:					
	0.0132	0.0263	0.0395	0.0526	0.0658
	0.0789	0.0921	0.1052	0.1184	0.1315
	0.2651	0.3308	0.5773	0.6109	0.6430
	0.6751	0.7073	0.7211	0.7258	0.7305
	0.7352	0.7399	0.7445	0.7492	0.7539
	0.7586	0.7633	0.7680	0.7726	0.7773
	0.7820	0.7867	0.7914	0.7960	0.8014
	0.8114	0.8214	0.8313	0.8413	0.8513
	0.8613	0.8712	0.8812	0.8912	0.9022
	0.9218	0.9413	0.9609	0.9804	1.0000
Transect 1100					
Area:					
	0.0002	0.0009	0.0020	0.0036	0.0056
	0.0081	0.0111	0.0145	0.0183	0.0227
	0.0293	0.0385	0.0493	0.0616	0.0757
	0.0936	0.1159	0.1384	0.1611	0.1841
	0.2072	0.2305	0.2540	0.2778	0.3017
	0.3258	0.3501	0.3746	0.3993	0.4242
	0.4492	0.4745	0.5000	0.5257	0.5515
	0.5776	0.6040	0.6309	0.6582	0.6861
	0.7144	0.7432	0.7725	0.8023	0.8328
	0.8642	0.8964	0.9294	0.9637	1.0000
Hrad:					
	0.0185	0.0370	0.0556	0.0741	0.0926
	0.1111	0.1296	0.1482	0.1667	0.1842
	0.1882	0.1902	0.1976	0.2081	0.2155
	0.2118	0.1929	0.2284	0.2636	0.2985

	0.4182	0.4395	0.4610	0.4826	0.5045
	0.5265	0.5487	0.5711	0.5938	0.6168
	0.6401	0.6636	0.6875	0.7116	0.7360
	0.7607	0.7857	0.8109	0.8365	0.8626
	0.8891	0.9161	0.9436	0.9715	1.0000
Hrad:					
	0.0148	0.0412	0.0680	0.0938	0.1189
	0.1433	0.1671	0.1902	0.2083	0.2191
	0.2305	0.2423	0.2544	0.2668	0.2910
	0.3170	0.3427	0.3682	0.3935	0.4187
	0.4436	0.4683	0.4929	0.5173	0.5415
	0.5655	0.5894	0.6131	0.6367	0.6601
	0.6833	0.7065	0.7266	0.7461	0.7654
	0.7846	0.8037	0.8227	0.8416	0.8604
	0.8791	0.8976	0.9161	0.9302	0.9415
	0.9530	0.9646	0.9763	0.9881	1.0000
Width:					
	0.3136	0.3563	0.3697	0.3830	0.3964
	0.4097	0.4231	0.4365	0.4601	0.5003
	0.5406	0.5808	0.6210	0.6612	0.6721
	0.6783	0.6845	0.6906	0.6968	0.7029
	0.7091	0.7153	0.7214	0.7276	0.7338
	0.7399	0.7461	0.7522	0.7584	0.7646
	0.7707	0.7769	0.7862	0.7961	0.8060
	0.8159	0.8258	0.8357	0.8455	0.8554
	0.8653	0.8752	0.8851	0.8992	0.9160
	0.9328	0.9496	0.9664	0.9832	1.0000

Transect T-C91

Area:					
	0.0002	0.0009	0.0021	0.0037	0.0058
	0.0084	0.0153	0.0281	0.0424	0.0577
	0.0740	0.0913	0.1096	0.1289	0.1486
	0.1685	0.1887	0.2090	0.2296	0.2503
	0.2713	0.2925	0.3140	0.3356	0.3575
	0.3795	0.4018	0.4243	0.4470	0.4699
	0.4931	0.5166	0.5405	0.5646	0.5891
	0.6139	0.6390	0.6644	0.6902	0.7163
	0.7427	0.7695	0.7967	0.8243	0.8523
	0.8807	0.9095	0.9386	0.9683	1.0000
Hrad:					
	0.0164	0.0327	0.0491	0.0654	0.0818
	0.0981	0.0839	0.0858	0.1041	0.1257
	0.1481	0.1705	0.1926	0.2165	0.2468
	0.2768	0.3066	0.3361	0.3653	0.3943
	0.4229	0.4514	0.4796	0.5075	0.5353
	0.5628	0.5901	0.6172	0.6440	0.6706
	0.6940	0.7173	0.7403	0.7632	0.7859
	0.8085	0.8309	0.8531	0.8752	0.8971
	0.9171	0.9365	0.9558	0.9750	0.9941
	1.0132	1.0322	1.0511	1.0438	1.0000
Width:					
	0.0141	0.0283	0.0424	0.0565	0.0706
	0.0848	0.3463	0.4190	0.4496	0.4802
	0.5108	0.5414	0.5720	0.5958	0.6025
	0.6090	0.6155	0.6220	0.6286	0.6351
	0.6416	0.6481	0.6546	0.6611	0.6677
	0.6742	0.6807	0.6872	0.6937	0.7003
	0.7101	0.7199	0.7296	0.7394	0.7491
	0.7589	0.7687	0.7784	0.7882	0.7979
	0.8094	0.8213	0.8332	0.8450	0.8569
	0.8688	0.8807	0.8926	0.9273	1.0000

Transect T-C93

Area:					
	0.0011	0.0043	0.0105	0.0198	0.0299
	0.0406	0.0520	0.0641	0.0794	0.0982
	0.1171	0.1361	0.1553	0.1747	0.1942
	0.2139	0.2338	0.2538	0.2739	0.2942
	0.3147	0.3353	0.3561	0.3770	0.3981
	0.4194	0.4408	0.4623	0.4841	0.5060
	0.5282	0.5506	0.5732	0.5961	0.6193
	0.6427	0.6663	0.6902	0.7143	0.7386
	0.7632	0.7881	0.8133	0.8388	0.8648
	0.8911	0.9177	0.9448	0.9722	1.0000
Hrad:					
	0.0142	0.0259	0.0367	0.0567	0.0803
	0.1027	0.1243	0.1450	0.1193	0.1462
	0.1729	0.1994	0.2257	0.2518	0.2776
	0.3033	0.3288	0.3541	0.3793	0.4042
	0.4290	0.4537	0.4781	0.5024	0.5266
	0.5505	0.5744	0.5981	0.6212	0.6422
	0.6631	0.6837	0.7043	0.7247	0.7450
	0.7651	0.7852	0.8051	0.8248	0.8445
	0.8640	0.8819	0.8968	0.9116	0.9264
	0.9411	0.9559	0.9706	0.9853	1.0000
Width:					
	0.0742	0.1650	0.2867	0.3492	0.3726
	0.3960	0.4195	0.4429	0.6671	0.6727
	0.6783	0.6839	0.6895	0.6951	0.7007
	0.7063	0.7119	0.7175	0.7231	0.7287
	0.7342	0.7398	0.7454	0.7510	0.7566
	0.7622	0.7678	0.7734	0.7795	0.7882
	0.7968	0.8055	0.8141	0.8228	0.8314
	0.8401	0.8487	0.8574	0.8660	0.8747
	0.8833	0.8936	0.9069	0.9202	0.9335
	0.9468	0.9601	0.9734	0.9867	1.0000

Transect T-C94

Area:					
	0.0002	0.0009	0.0020	0.0035	0.0055
	0.0079	0.0109	0.0157	0.0228	0.0361
	0.0517	0.0683	0.0862	0.1052	0.1251

	0.1452	0.1655	0.1860	0.2067	0.2277
	0.2490	0.2705	0.2922	0.3142	0.3364
	0.3589	0.3816	0.4046	0.4278	0.4513
	0.4750	0.4990	0.5233	0.5481	0.5732
	0.5987	0.6245	0.6508	0.6774	0.7044
	0.7317	0.7595	0.7877	0.8164	0.8455
	0.8750	0.9050	0.9354	0.9668	1.0000
Hrad:					
	0.0169	0.0338	0.0506	0.0675	0.0844
	0.1013	0.1158	0.1206	0.1197	0.1144
	0.1283	0.1472	0.1678	0.1888	0.2129
	0.2447	0.2761	0.3068	0.3370	0.3669
	0.3965	0.4258	0.4549	0.4836	0.5121
	0.5404	0.5684	0.5962	0.6237	0.6511
	0.6782	0.7017	0.7248	0.7478	0.7706
	0.7932	0.8157	0.8380	0.8602	0.8822
	0.9025	0.9223	0.9421	0.9617	0.9813
	1.0008	1.0202	1.0395	1.0189	1.0000
Width:					
	0.0129	0.0257	0.0386	0.0514	0.0643
	0.0771	0.1117	0.1702	0.2870	0.4393
	0.4733	0.5073	0.5413	0.5753	0.5876
	0.5934	0.5992	0.6062	0.6134	0.6206
	0.6278	0.6350	0.6422	0.6494	0.6566
	0.6638	0.6710	0.6782	0.6854	0.6926
	0.6998	0.7105	0.7215	0.7324	0.7433
	0.7542	0.7651	0.7760	0.7869	0.7978
	0.8102	0.8229	0.8357	0.8484	0.8612
	0.8739	0.8866	0.8994	0.9487	1.0000

Transect T-C97

Area:					
	0.0002	0.0009	0.0020	0.0035	0.0055
	0.0079	0.0108	0.0141	0.0178	0.0220
	0.0266	0.0316	0.0376	0.0449	0.0590
	0.0798	0.1031	0.1264	0.1499	0.1736
	0.1973	0.2213	0.2453	0.2696	0.2940
	0.3186	0.3435	0.3685	0.3939	0.4194
	0.4452	0.4712	0.4975	0.5239	0.5506
	0.5776	0.6047	0.6321	0.6597	0.6877
	0.7162	0.7453	0.7749	0.8051	0.8359
	0.8672	0.8993	0.9321	0.9657	1.0000
Hrad:					
	0.0172	0.0343	0.0515	0.0687	0.0858
	0.1030	0.1201	0.1373	0.1545	0.1716
	0.1888	0.2005	0.2003	0.2024	0.1870
	0.1199	0.1538	0.1875	0.2209	0.2541
	0.2872	0.3200	0.3527	0.3851	0.4161
	0.4467	0.4771	0.5073	0.5372	0.5668
	0.5963	0.6255	0.6546	0.6834	0.7120
	0.7404	0.7687	0.7967	0.8246	0.8441
	0.8623	0.8804	0.8986	0.9167	0.9347
	0.9492	0.9616	0.9742	0.9870	1.0000
Width:					
	0.0127	0.0253	0.0380	0.0506	0.0633
	0.0759	0.0886	0.1012	0.1139	0.1265
	0.1392	0.1561	0.1859	0.3287	0.4901
	0.6667	0.6709	0.6750	0.6792	0.6833
	0.6874	0.6916	0.6957	0.6999	0.7063
	0.7130	0.7196	0.7262	0.7329	0.7395
	0.7461	0.7528	0.7594	0.7660	0.7727
	0.7793	0.7859	0.7926	0.7992	0.8139
	0.8298	0.8458	0.8618	0.8778	0.8937
	0.9132	0.9349	0.9566	0.9783	1.0000

Analysis Options

Flow Units CMS
Process Models:
 Rainfall/Runoff YES
 RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing YES
 Ponding Allowed YES
 Water Quality NO
Infiltration Method CURVE_NUMBER
Flow Routing Method DYNWAVE
Surcharge Method EXTRAN
Starting Date 09/13/2025 00:00:00
Ending Date 09/17/2025 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:05:00
Dry Time Step 00:05:00
Routing Time Step 5.00 sec
Variable Time Step YES
Maximum Trials 8
Number of Threads 6
Head Tolerance 0.001500 m

*****	Volume	Depth
Runoff Quantity Continuity	hectare-m	mm
*****	-----	-----
Total Precipitation	28.572	103.500
Evaporation Loss	0.000	0.000
Infiltration Loss	15.490	56.110
Surface Runoff	12.751	46.190
Final Storage	0.345	1.251
Continuity Error (%)	-0.049	

```

*****
Flow Routing Continuity      Volume      Volume
                             hectare-m    10^6 ltr
*****
Dry Weather Inflow .....    0.000      0.000
Wet Weather Inflow .....   12.750     127.498
Groundwater Inflow .....    0.000      0.000
RDII Inflow .....          0.000      0.000
External Inflow .....       0.000      0.000
External Outflow .....      12.727     127.267
Flooding Loss .....         0.000      0.000
Evaporation Loss .....      0.000      0.000
Exfiltration Loss .....     0.000      0.000
Initial Stored Volume ....   0.146      1.457
Final Stored Volume .....   0.168      1.683
Continuity Error (%) .....   0.004

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*****
Highest Continuity Errors
*****
Node 17111 (99.99%)
Node J12_1 (2.39%)
Node J9_1 (-1.20%)

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*****
Time-Step Critical Elements
*****
Link C137 (32.78%)
Link PDC05 (1.98%)

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*****
Highest Flow Instability Indexes
*****
Link C147 (4)
Link C27 (4)
Link C1_2 (3)
Link C93 (2)

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*****
Most Frequent Nonconverging Nodes
*****
Convergence obtained at all time steps.

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```

*****
Routing Time Step Summary
*****
Minimum Time Step      :    0.00 sec
Average Time Step      :    3.97 sec
Maximum Time Step      :    5.00 sec
% of Time in Steady State :    0.00
Average Iterations per Step :    2.00
% of Steps Not Converging :    0.00
Time Step Frequencies :
  5.000 - 3.155 sec    :   70.97 %
  3.155 - 1.991 sec    :   16.56 %
  1.991 - 1.256 sec    :    8.25 %
  1.256 - 0.792 sec    :    2.18 %
  0.792 - 0.500 sec    :    2.04 %

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*****
Subcatchment Runoff Summary
*****

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Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff CMS	Runoff Coeff
S1	103.50	0.00	0.00	56.00	5.12	41.20	46.31	0.03	0.01	0.447
S10	103.50	0.00	0.00	55.54	5.12	41.70	46.82	0.15	0.05	0.452
S100	103.50	0.00	0.00	0.00	102.41	0.00	102.41	0.30	0.10	0.989
S101	103.50	0.00	0.00	56.43	5.12	40.73	45.85	0.14	0.02	0.443
S102	103.50	0.00	0.00	57.11	5.13	40.05	45.18	0.19	0.02	0.436
S103	103.50	0.00	0.00	56.70	5.12	40.47	45.59	0.31	0.04	0.440
S104	103.50	0.00	0.00	56.29	5.12	40.88	46.00	0.12	0.02	0.444
S105	103.50	0.00	0.00	0.00	102.44	0.00	102.44	0.10	0.04	0.990
S106	103.50	0.00	0.00	56.29	5.12	40.87	45.99	0.22	0.04	0.444
S107	103.50	0.00	0.00	58.00	5.13	39.14	44.27	0.37	0.03	0.428
S108	103.50	0.00	0.00	55.81	5.12	41.41	46.53	0.28	0.07	0.450
S109	103.50	0.00	0.00	57.48	5.13	39.66	44.79	0.26	0.03	0.433
S11	103.50	0.00	0.00	57.24	5.13	39.91	45.03	0.18	0.02	0.435
S110	103.50	0.00	0.00	0.00	102.63	0.00	102.63	0.05	0.02	0.992
S111	103.50	0.00	0.00	0.00	102.67	0.00	102.67	0.05	0.02	0.992
S112	103.50	0.00	0.00	55.46	5.12	41.81	46.93	0.15	0.05	0.453
S113	103.50	0.00	0.00	57.08	5.12	40.07	45.20	2.06	0.23	0.437
S113_2	103.50	0.00	0.00	56.73	5.12	40.43	45.55	0.85	0.11	0.440
S114	103.50	0.00	0.00	56.67	5.12	40.50	45.62	0.32	0.04	0.441
S114_3	103.50	0.00	0.00	8.06	77.83	16.57	94.40	0.19	0.07	0.912
S115	103.50	0.00	0.00	56.29	5.12	40.89	46.01	0.35	0.06	0.445
S116	103.50	0.00	0.00	55.94	5.12	41.26	46.38	0.24	0.05	0.448
S117	103.50	0.00	0.00	54.73	5.12	42.44	47.56	0.19	0.03	0.460
S118	103.50	0.00	0.00	57.54	5.13	39.61	44.74	0.15	0.02	0.432
S119	103.50	0.00	0.00	56.38	5.12	40.79	45.91	0.61	0.09	0.444
S12	103.50	0.00	0.00	57.40	5.13	39.76	44.89	0.23	0.02	0.434
S120	103.50	0.00	0.00	56.73	5.12	40.44	45.56	0.27	0.04	0.440
S121	103.50	0.00	0.00	56.94	5.12	40.22	45.35	0.21	0.03	0.438

S94	103.50	0.00	0.00	56.36	5.12	40.81	45.93	0.19	0.03	0.444
S95	103.50	0.00	0.00	56.19	5.12	40.99	46.11	0.49	0.09	0.445
S96	103.50	0.00	0.00	56.29	5.12	40.89	46.01	0.20	0.03	0.445
S97	103.50	0.00	0.00	56.67	5.12	40.50	45.62	0.15	0.02	0.441
S98	103.50	0.00	0.00	55.65	5.12	41.57	46.69	0.07	0.02	0.451
S99	103.50	0.00	0.00	56.86	5.12	40.30	45.42	0.29	0.04	0.439

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
15017	JUNCTION	0.07	0.25	95.65	0 13:15	0.25
15023	JUNCTION	0.03	0.20	95.64	0 13:15	0.20
15115	JUNCTION	0.03	0.16	96.19	0 12:09	0.16
15169	JUNCTION	0.01	0.17	95.67	0 13:07	0.17
15183	JUNCTION	0.07	0.25	95.66	0 13:13	0.25
15526	JUNCTION	0.02	0.19	95.58	0 13:16	0.19
15536	JUNCTION	0.03	0.25	95.52	0 13:18	0.25
16468	JUNCTION	0.02	0.09	96.31	0 12:01	0.09
16472	JUNCTION	0.00	0.00	96.77	0 00:00	0.00
16496	JUNCTION	0.03	0.11	96.38	0 12:00	0.11
16553	JUNCTION	0.00	0.07	96.44	0 12:46	0.07
16555	JUNCTION	0.00	0.00	96.79	0 00:00	0.00
16576	JUNCTION	0.00	0.04	96.51	0 12:47	0.04
16611	JUNCTION	0.01	0.15	96.55	0 12:45	0.15
16639	JUNCTION	0.03	0.38	96.55	0 12:45	0.38
16641	JUNCTION	0.00	0.00	96.41	0 00:00	0.00
16677	JUNCTION	0.10	0.64	96.55	0 12:46	0.64
16797	JUNCTION	0.04	0.17	96.76	0 12:20	0.17
16799	JUNCTION	0.00	0.00	97.10	0 00:00	0.00
16815	JUNCTION	0.03	0.19	96.88	0 12:12	0.19
16874	JUNCTION	0.03	0.14	97.08	0 12:11	0.14
16876	JUNCTION	0.00	0.00	97.44	0 00:00	0.00
16902	JUNCTION	0.03	0.17	97.18	0 12:10	0.17
17000	JUNCTION	0.03	0.16	97.39	0 12:07	0.16
17050	JUNCTION	0.05	0.24	97.55	0 12:05	0.24
17077	JUNCTION	0.00	0.08	97.55	0 12:05	0.08
17111	JUNCTION	0.29	0.33	97.47	3 11:18	0.33
17114	JUNCTION	0.00	0.00	98.13	0 00:00	0.00
17125	JUNCTION	0.00	0.00	97.51	0 00:00	0.00
17181	JUNCTION	0.00	0.00	97.98	0 00:00	0.00
17189	JUNCTION	0.00	0.00	97.80	0 00:00	0.00
17196	JUNCTION	0.00	0.00	98.42	0 00:00	0.00
17316	JUNCTION	0.03	0.15	95.00	0 13:22	0.15
30259	JUNCTION	0.12	0.80	92.92	0 13:32	0.80
30475	JUNCTION	0.14	0.62	93.47	0 13:21	0.62
30654	JUNCTION	0.03	0.37	93.69	0 13:15	0.37
30690	JUNCTION	0.06	0.55	93.78	0 13:12	0.55
30703	JUNCTION	0.12	0.80	93.79	0 13:12	0.80
30723	JUNCTION	0.13	0.82	93.79	0 13:12	0.82
30741	JUNCTION	0.15	0.88	93.80	0 13:12	0.88
30776	JUNCTION	0.25	1.11	93.80	0 13:12	1.11
30790	JUNCTION	0.11	0.76	93.80	0 13:12	0.76
30821	JUNCTION	0.08	0.62	93.80	0 13:12	0.62
30846	JUNCTION	0.03	0.29	93.80	0 13:12	0.29
30874	JUNCTION	0.00	0.00	94.14	0 00:00	0.00
30901	JUNCTION	0.00	0.00	95.23	0 00:00	0.00
30961	JUNCTION	0.03	0.14	93.93	0 12:03	0.14
31055	JUNCTION	0.06	0.30	93.65	0 12:32	0.30
31056	JUNCTION	0.00	0.00	94.36	0 00:00	0.00
31282	JUNCTION	0.18	0.45	93.96	0 12:35	0.45
31294	JUNCTION	0.11	0.37	93.96	0 12:35	0.37
31330	JUNCTION	0.09	0.36	93.96	0 12:40	0.36
31346	JUNCTION	0.10	0.37	93.96	0 12:41	0.37
31478	JUNCTION	0.08	0.34	93.96	0 12:40	0.34
31499	JUNCTION	0.08	0.33	93.96	0 12:40	0.33
31616	JUNCTION	0.08	0.36	93.93	0 12:35	0.36
31659	JUNCTION	0.23	0.86	93.67	0 13:00	0.86
31679	JUNCTION	0.13	0.46	93.71	0 12:38	0.46
31692	JUNCTION	0.26	0.78	93.95	0 12:38	0.78
31717	JUNCTION	0.25	0.81	94.00	0 12:37	0.81
31727	JUNCTION	0.10	0.16	94.59	0 13:30	0.16
31735	JUNCTION	0.04	0.24	94.78	0 13:29	0.24
33074	JUNCTION	0.02	0.07	94.58	0 13:30	0.07
33088	JUNCTION	0.03	0.15	94.31	0 13:34	0.15
33102	JUNCTION	0.02	0.10	94.23	0 13:35	0.10
33116	JUNCTION	0.03	0.13	94.17	0 13:37	0.13
33130	JUNCTION	0.02	0.17	94.10	0 12:37	0.17
33147	JUNCTION	0.10	0.40	94.08	0 12:37	0.40
33161	JUNCTION	0.10	0.44	94.01	0 12:37	0.44
35248	JUNCTION	0.03	0.12	96.20	0 12:08	0.12
35262	JUNCTION	0.03	0.14	96.26	0 12:04	0.14
ARDJ01	JUNCTION	0.04	0.11	97.94	0 17:29	0.11
ARDJ02	JUNCTION	0.05	0.12	97.91	0 12:00	0.12
ARDJ03	JUNCTION	0.04	0.15	97.88	0 12:00	0.15
ARDJ04	JUNCTION	0.05	0.24	97.78	0 12:00	0.24
ARDJ05	JUNCTION	0.05	0.24	97.70	0 12:00	0.24
ARDJ06	JUNCTION	0.05	0.30	97.58	0 12:00	0.30
ARDJ07	JUNCTION	0.06	0.38	97.42	0 12:01	0.38
ARDJ08	JUNCTION	0.05	0.33	97.31	0 12:02	0.33
ARDJ09	JUNCTION	0.06	0.37	96.96	0 12:02	0.37
ARDJ10	JUNCTION	0.06	0.39	96.71	0 12:03	0.39
ARDJ11	JUNCTION	0.06	0.39	96.47	0 12:03	0.39
ARDJ12	JUNCTION	0.05	0.33	96.18	0 12:02	0.33
ARDJ13	JUNCTION	0.05	0.27	95.77	0 12:03	0.27
ARDJ14	JUNCTION	0.08	0.41	95.77	0 12:58	0.41
DDJ01	JUNCTION	0.06	0.35	95.81	0 12:03	0.35

DDJ02	JUNCTION	0.03	0.20	95.63	0	12:05	0.20
DDJ03	JUNCTION	0.03	0.21	95.59	0	12:06	0.21
DDJ04	JUNCTION	0.03	0.24	95.57	0	12:07	0.24
DDJ05	JUNCTION	0.04	0.27	95.51	0	12:12	0.27
DDJ06	JUNCTION	0.04	0.29	95.46	0	12:14	0.29
J1	JUNCTION	0.03	0.23	93.93	0	12:35	0.23
J100	JUNCTION	0.01	0.12	98.50	0	12:02	0.12
J1010	JUNCTION	0.13	0.63	94.33	0	12:54	0.63
J102	JUNCTION	0.01	0.08	98.33	0	12:01	0.08
J1036	JUNCTION	0.10	0.46	93.97	0	13:06	0.46
J109	JUNCTION	0.01	0.12	98.47	0	12:02	0.12
J11	JUNCTION	0.10	0.57	96.24	0	12:50	0.57
J112	JUNCTION	0.01	0.07	97.61	0	12:01	0.07
J114	JUNCTION	0.01	0.08	97.74	0	12:06	0.08
J1142	JUNCTION	0.04	0.30	93.78	0	12:04	0.30
J116	JUNCTION	0.01	0.16	96.62	0	12:43	0.16
J12_1	JUNCTION	0.00	0.05	96.39	0	12:53	0.05
J1209	JUNCTION	0.16	0.64	95.32	0	13:58	0.64
J1210	JUNCTION	0.02	0.18	97.56	0	12:03	0.18
J1213	JUNCTION	0.06	0.36	95.16	0	12:14	0.36
J1216	JUNCTION	0.05	0.31	96.96	0	12:59	0.31
J1219	JUNCTION	0.07	0.43	96.62	0	12:43	0.43
J1222	JUNCTION	0.07	0.49	96.47	0	14:11	0.49
J1225	JUNCTION	0.04	0.27	98.51	0	12:18	0.27
J1227	JUNCTION	0.03	0.21	98.70	0	12:04	0.21
J1229	JUNCTION	0.04	0.32	97.51	0	12:41	0.32
J1231	JUNCTION	0.08	0.45	97.89	0	12:26	0.45
J1232	JUNCTION	0.03	0.26	97.07	0	12:04	0.26
J1233	JUNCTION	0.20	0.65	93.45	0	13:02	0.65
J124	JUNCTION	0.00	0.03	97.70	0	12:01	0.03
J1240	JUNCTION	0.09	0.56	95.26	0	12:45	0.56
J1241	JUNCTION	0.09	0.39	95.57	0	14:05	0.39
J1249	JUNCTION	0.15	0.60	95.40	0	13:59	0.60
J1254	JUNCTION	0.06	0.35	97.09	0	12:55	0.35
J1258	JUNCTION	0.03	0.30	96.46	0	14:13	0.30
J1259	JUNCTION	0.05	0.43	95.98	0	12:33	0.43
J126	JUNCTION	0.07	0.41	97.72	0	12:28	0.41
J1260	JUNCTION	0.05	0.36	95.89	0	12:02	0.36
J1268	JUNCTION	0.08	0.46	95.66	0	12:36	0.46
J1270	JUNCTION	0.13	0.55	95.53	0	14:03	0.55
J1272	JUNCTION	0.07	0.49	94.16	0	12:04	0.49
J1273	JUNCTION	0.10	0.61	97.44	0	12:35	0.61
J1276	JUNCTION	0.04	0.40	94.18	0	12:03	0.40
J1277	JUNCTION	0.04	0.32	97.50	0	12:40	0.32
J1278	JUNCTION	0.12	0.58	94.65	0	12:51	0.58
J1279	JUNCTION	0.02	0.18	97.64	0	12:20	0.18
J1280	JUNCTION	0.03	0.27	97.52	0	12:37	0.27
J1294	JUNCTION	0.06	0.34	97.36	0	12:51	0.34
J1299	JUNCTION	0.02	0.23	95.37	0	12:02	0.23
J13	JUNCTION	0.06	0.37	98.61	0	12:17	0.37
J1300	JUNCTION	0.08	0.29	97.46	0	12:12	0.29
J1301	JUNCTION	0.16	0.86	96.46	0	14:12	0.86
J1306	JUNCTION	0.02	0.13	97.65	0	12:07	0.13
J1308	JUNCTION	0.04	0.18	94.99	0	12:30	0.18
J1314	JUNCTION	0.04	0.32	96.17	0	12:13	0.32
J1318	JUNCTION	0.11	0.61	95.97	0	12:33	0.61
J1322	JUNCTION	0.02	0.17	94.12	0	12:00	0.17
J1324	JUNCTION	0.08	0.49	98.04	0	12:23	0.49
J1325	JUNCTION	0.07	0.48	94.17	0	12:04	0.48
J1329	JUNCTION	0.12	0.64	95.22	0	12:46	0.64
J1330	JUNCTION	0.06	0.42	93.95	0	13:07	0.42
J1331	JUNCTION	0.09	0.46	95.06	0	12:17	0.46
J1332	JUNCTION	0.11	0.65	96.47	0	14:11	0.65
J1334	JUNCTION	0.05	0.26	94.73	0	12:43	0.26
J1335	JUNCTION	0.08	0.47	93.61	0	13:17	0.47
J1338	JUNCTION	0.07	0.41	97.49	0	12:42	0.41
J1344	JUNCTION	0.14	0.67	97.41	0	12:36	0.67
J1348	JUNCTION	0.13	0.61	95.04	0	12:49	0.61
J135	JUNCTION	0.02	0.19	97.36	0	12:51	0.19
J1352	JUNCTION	0.15	0.76	93.94	0	13:07	0.76
J1355	JUNCTION	0.10	0.42	94.97	0	13:13	0.42
J138	JUNCTION	0.02	0.13	98.59	0	12:08	0.13
J140	JUNCTION	0.02	0.13	98.43	0	12:13	0.13
J142	JUNCTION	0.08	0.45	97.11	0	12:35	0.45
J15	JUNCTION	0.02	0.13	96.49	0	12:04	0.13
J153	JUNCTION	0.03	0.26	97.32	0	12:53	0.26
J159	JUNCTION	0.04	0.30	97.09	0	12:55	0.30
J161	JUNCTION	0.00	0.05	97.79	0	12:00	0.05
J165	JUNCTION	0.02	0.12	96.66	0	12:01	0.12
J167	JUNCTION	0.01	0.08	97.59	0	12:01	0.08
J169	JUNCTION	0.05	0.33	97.32	0	12:53	0.33
J17	JUNCTION	0.12	0.44	98.61	0	12:18	0.44
J172	JUNCTION	0.02	0.21	96.96	0	12:59	0.21
J18	JUNCTION	0.02	0.22	95.32	0	12:37	0.22
J19	JUNCTION	0.04	0.43	93.69	0	12:01	0.43
J199	JUNCTION	0.01	0.09	97.64	0	12:21	0.09
J2	JUNCTION	0.14	0.55	94.43	0	13:08	0.55
J20	JUNCTION	0.08	0.39	98.61	0	12:17	0.39
J205	JUNCTION	0.09	0.39	97.38	0	12:48	0.39
J209	JUNCTION	0.06	0.32	96.66	0	13:01	0.32
J217	JUNCTION	0.03	0.27	97.51	0	12:41	0.27
J219	JUNCTION	0.03	0.20	97.59	0	12:24	0.20
J221	JUNCTION	0.21	0.75	95.80	0	12:57	0.75
J225	JUNCTION	0.04	0.28	97.51	0	12:41	0.28
J229	JUNCTION	0.02	0.16	96.55	0	12:00	0.15
J23	JUNCTION	0.18	0.48	98.59	0	12:19	0.48
J241	JUNCTION	0.01	0.10	96.48	0	12:03	0.10
J254	JUNCTION	0.01	0.10	97.20	0	12:01	0.10
J273	JUNCTION	0.02	0.20	97.33	0	12:01	0.20
J275	JUNCTION	0.03	0.30	96.47	0	14:10	0.30
J28	JUNCTION	0.09	0.38	98.58	0	12:19	0.38
J283	JUNCTION	0.06	0.38	96.49	0	14:01	0.38
J294	JUNCTION	0.05	0.32	96.51	0	13:46	0.32

J299	JUNCTION	0.04	0.39	96.47	0	14:12	0.39
J3	JUNCTION	0.37	0.69	94.10	0	12:37	0.69
J30	JUNCTION	0.02	0.16	97.79	0	12:00	0.16
J304	JUNCTION	0.02	0.20	96.17	0	12:13	0.20
J319	JUNCTION	0.09	0.59	96.47	0	14:11	0.59
J32	JUNCTION	0.11	0.39	98.57	0	12:19	0.39
J329	JUNCTION	0.01	0.09	95.26	0	12:01	0.09
J35	JUNCTION	0.24	0.54	98.57	0	12:19	0.54
J355	JUNCTION	0.01	0.06	94.36	0	12:41	0.06
J36	JUNCTION	0.04	0.38	93.80	0	13:12	0.38
J360	JUNCTION	0.01	0.09	96.00	0	12:00	0.09
J362	JUNCTION	0.02	0.23	96.51	0	12:07	0.23
J37	JUNCTION	0.02	0.21	99.13	0	12:00	0.21
J372	JUNCTION	0.02	0.22	96.80	0	12:06	0.22
J384	JUNCTION	0.03	0.31	95.17	0	12:14	0.31
J39	JUNCTION	0.02	0.16	97.94	0	12:02	0.16
J392	JUNCTION	0.01	0.13	95.47	0	12:01	0.13
J394	JUNCTION	0.01	0.12	95.26	0	12:01	0.12
J396	JUNCTION	0.02	0.18	95.18	0	12:13	0.18
J398	JUNCTION	0.13	0.75	96.46	0	14:12	0.75
J41	JUNCTION	0.01	0.12	98.22	0	12:01	0.12
J419	JUNCTION	0.04	0.34	96.23	0	12:10	0.34
J43	JUNCTION	0.29	0.53	98.51	0	12:18	0.53
J433	JUNCTION	0.03	0.28	95.98	0	12:33	0.28
J443	JUNCTION	0.05	0.34	96.00	0	12:30	0.34
J447	JUNCTION	0.01	0.11	95.51	0	12:01	0.11
J449	JUNCTION	0.06	0.42	95.16	0	12:14	0.42
J451	JUNCTION	0.03	0.24	95.49	0	12:01	0.24
J453	JUNCTION	0.04	0.34	95.16	0	12:14	0.34
J455	JUNCTION	0.05	0.42	95.98	0	12:34	0.42
J458	JUNCTION	0.06	0.38	95.88	0	12:03	0.38
J46	JUNCTION	0.03	0.20	95.85	0	12:03	0.20
J462	JUNCTION	0.10	0.44	95.01	0	12:19	0.44
J467	JUNCTION	0.03	0.25	95.52	0	12:01	0.25
J47	JUNCTION	0.01	0.10	95.85	0	12:03	0.10
J472	JUNCTION	0.03	0.26	95.53	0	12:01	0.26
J475	JUNCTION	0.03	0.25	95.42	0	12:02	0.25
J479	JUNCTION	0.17	0.55	95.16	0	12:13	0.55
J48	JUNCTION	0.02	0.20	97.64	0	12:02	0.20
J491	JUNCTION	0.12	0.52	95.13	0	13:02	0.52
J50	JUNCTION	0.07	0.45	95.15	0	12:14	0.45
J51	JUNCTION	0.10	0.57	96.16	0	12:51	0.57
J52	JUNCTION	0.03	0.19	98.80	0	12:09	0.19
J523	JUNCTION	0.11	0.49	94.91	0	13:05	0.49
J525	JUNCTION	0.10	0.58	95.98	0	12:32	0.58
J54	JUNCTION	0.04	0.20	97.56	0	12:03	0.20
J55	JUNCTION	0.16	0.67	95.77	0	12:58	0.67
J56	JUNCTION	0.03	0.20	97.59	0	12:07	0.20
J562	JUNCTION	0.19	0.69	95.26	0	13:59	0.69
J57	JUNCTION	0.01	0.18	95.77	0	12:58	0.18
J576	JUNCTION	0.10	0.47	95.53	0	14:03	0.47
J58	JUNCTION	0.04	0.26	93.96	0	12:37	0.26
J580	JUNCTION	0.01	0.08	94.58	0	12:02	0.08
J584	JUNCTION	0.08	0.48	95.75	0	12:34	0.48
J59	JUNCTION	0.02	0.18	99.08	0	12:01	0.18
J596	JUNCTION	0.06	0.39	95.66	0	12:36	0.39
J598	JUNCTION	0.12	0.52	94.43	0	13:07	0.52
J602	JUNCTION	0.01	0.07	95.29	0	12:03	0.07
J61	JUNCTION	0.01	0.09	98.71	0	12:01	0.09
J611	JUNCTION	0.03	0.19	95.32	0	13:58	0.19
J623	JUNCTION	0.03	0.21	95.24	0	12:03	0.21
J63	JUNCTION	0.04	0.20	97.56	0	12:03	0.20
J633	JUNCTION	0.17	0.55	94.19	0	12:43	0.55
J644	JUNCTION	0.02	0.16	95.14	0	12:39	0.16
J646	JUNCTION	0.02	0.18	95.17	0	12:04	0.18
J650	JUNCTION	0.11	0.56	95.43	0	12:41	0.56
J658	JUNCTION	0.03	0.21	95.23	0	12:04	0.21
J66	JUNCTION	0.01	0.07	99.04	0	12:00	0.07
J660	JUNCTION	0.03	0.26	95.26	0	12:45	0.26
J664	JUNCTION	0.03	0.27	95.26	0	12:45	0.27
J668	JUNCTION	0.04	0.30	94.26	0	12:13	0.30
J673	JUNCTION	0.32	0.68	94.14	0	12:35	0.68
J676	JUNCTION	0.08	0.51	95.29	0	12:44	0.51
J68	JUNCTION	0.02	0.23	97.90	0	12:27	0.23
J684	JUNCTION	0.03	0.29	95.25	0	12:46	0.29
J686	JUNCTION	0.03	0.22	95.08	0	12:00	0.22
J693	JUNCTION	0.09	0.51	95.39	0	12:41	0.51
J70	JUNCTION	0.11	0.58	96.04	0	12:53	0.58
J703	JUNCTION	0.03	0.20	95.14	0	12:40	0.20
J710	JUNCTION	0.02	0.13	94.51	0	12:04	0.13
J712	JUNCTION	0.09	0.52	95.36	0	12:42	0.52
J718	JUNCTION	0.03	0.21	95.14	0	12:41	0.21
J72	JUNCTION	0.03	0.24	98.36	0	12:08	0.24
J728	JUNCTION	0.02	0.20	95.07	0	12:01	0.20
J744	JUNCTION	0.04	0.26	94.75	0	12:09	0.26
J746	JUNCTION	0.03	0.27	94.87	0	12:05	0.27
J748	JUNCTION	0.05	0.30	94.84	0	12:05	0.30
J75	JUNCTION	0.05	0.41	98.05	0	12:23	0.41
J757	JUNCTION	0.03	0.24	94.97	0	12:02	0.24
J76	JUNCTION	0.22	0.60	96.00	0	14:17	0.60
J761	JUNCTION	0.06	0.29	95.12	0	12:43	0.29
J77	JUNCTION	0.02	0.17	97.57	0	12:02	0.17
J777	JUNCTION	0.12	0.62	95.22	0	12:46	0.62
J779	JUNCTION	0.03	0.21	95.13	0	12:42	0.21
J797	JUNCTION	0.03	0.23	94.94	0	12:03	0.23
J803	JUNCTION	0.03	0.24	94.51	0	12:00	0.24
J81	JUNCTION	0.28	0.99	96.46	0	14:12	0.99
J82	JUNCTION	0.01	0.07	100.56	0	12:03	0.07
J834	JUNCTION	0.08	0.31	95.12	0	12:44	0.31
J84	JUNCTION	0.01	0.06	98.40	0	12:00	0.06
J86	JUNCTION	0.10	0.59	97.42	0	12:36	0.59
J87	JUNCTION	0.06	0.40	95.25	0	12:46	0.40
J88	JUNCTION	0.07	0.44	97.19	0	12:36	0.44

J9	JUNCTION	0.10	0.42	98.61	0	12:17	0.42
J9_1	JUNCTION	0.01	0.08	96.38	0	12:01	0.08
J90	JUNCTION	0.03	0.20	97.42	0	12:35	0.20
J92	JUNCTION	0.00	0.06	101.23	0	12:00	0.06
J923	JUNCTION	0.03	0.39	94.51	0	12:02	0.39
J925	JUNCTION	0.05	0.26	94.73	0	12:44	0.26
J929	JUNCTION	0.06	0.32	94.75	0	12:31	0.32
J95	JUNCTION	0.01	0.09	97.32	0	12:53	0.09
J954	JUNCTION	0.00	0.03	94.73	0	12:44	0.03
J964	JUNCTION	0.05	0.25	94.73	0	12:43	0.25
Mesure_point	JUNCTION	0.07	0.38	95.32	0	12:37	0.38
NOF1_1	JUNCTION	0.16	0.75	92.93	0	13:32	0.75
PDJ01	JUNCTION	0.10	0.38	96.43	0	12:00	0.38
PDJ02	JUNCTION	0.12	0.42	96.43	0	12:00	0.42
PDJ03	JUNCTION	0.12	0.41	96.41	0	12:00	0.41
PDJ04	JUNCTION	0.14	0.44	96.40	0	12:00	0.44
PDJ05	JUNCTION	0.19	0.55	96.40	0	16:11	0.55
PDJ06	JUNCTION	0.21	0.60	96.40	0	16:11	0.60
PDJ07	JUNCTION	0.20	0.58	96.40	0	16:11	0.58
PDJ08	JUNCTION	0.15	0.49	96.41	0	12:00	0.49
PDJ09	JUNCTION	0.14	0.55	96.52	0	12:00	0.55
PDJ10	JUNCTION	0.09	0.44	96.52	0	12:00	0.44
NOF1	OUTFALL	0.08	0.49	92.49	0	13:32	0.49
NOF2	OUTFALL	0.06	0.30	93.30	0	12:33	0.30
Outfall_A	OUTFALL	0.16	0.63	93.26	0	13:12	0.63
Outfall_B	OUTFALL	0.11	0.44	93.24	0	13:02	0.44
POND	STORAGE	1.39	2.00	96.40	0	16:12	2.00

Node Inflow Summary

Node	Type	Maximum Lateral Inflow CMS	Maximum Total Inflow CMS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent
15017	JUNCTION	0.021	0.065	0 13:05	0.132	0.422	0.259
15023	JUNCTION	0.000	0.062	0 13:14	0	0.418	0.020
15115	JUNCTION	0.000	0.061	0 12:04	0	0.623	0.119
15169	JUNCTION	0.000	0.063	0 12:59	0	0.233	0.279
15183	JUNCTION	0.006	0.065	0 13:01	0.0568	0.292	0.115
15526	JUNCTION	0.000	0.062	0 13:15	0	0.418	0.005
15536	JUNCTION	0.000	0.062	0 13:16	0	0.418	0.112
16468	JUNCTION	0.000	0.024	0 12:00	0	0.356	-0.012
16472	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16496	JUNCTION	0.028	0.028	0 12:00	0.349	0.36	-0.006
16553	JUNCTION	0.000	0.003	0 12:48	0	0.00742	-0.225
16555	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16576	JUNCTION	0.000	0.004	0 12:45	0	0.00746	0.414
16611	JUNCTION	0.054	0.054	0 12:00	0.262	0.262	-0.025
16639	JUNCTION	0.000	0.051	0 12:00	0	0.257	-0.494
16641	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16677	JUNCTION	0.015	1.153	0 12:40	0.116	15.4	0.045
16797	JUNCTION	0.000	0.105	0 12:12	0	1.13	-0.397
16799	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16815	JUNCTION	0.000	0.106	0 12:11	0	1.13	0.006
16874	JUNCTION	0.000	0.106	0 12:10	0	1.13	-0.007
16876	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16902	JUNCTION	0.000	0.108	0 12:07	0	1.13	0.022
17000	JUNCTION	0.012	0.110	0 12:05	0.189	1.13	0.016
17050	JUNCTION	0.000	0.126	0 12:02	0	0.955	0.010
17077	JUNCTION	0.000	0.011	0 12:04	0	0.0151	-8.468
17111	JUNCTION	0.000	0.010	0 12:05	0	0.0161	16077.651 ltr
17114	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17125	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17181	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17189	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17196	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17316	JUNCTION	0.048	0.080	0 13:17	0.409	0.827	-0.148
30259	JUNCTION	0.000	1.369	0 13:30	0	18.9	0.022
30475	JUNCTION	0.167	1.296	0 13:14	1.7	15.2	0.878
30654	JUNCTION	0.000	0.989	0 13:11	0	8.04	0.024
30690	JUNCTION	0.076	0.990	0 13:10	1.02	8.49	-0.023
30703	JUNCTION	0.000	0.953	0 13:08	0	7.95	0.004
30723	JUNCTION	0.000	0.957	0 13:06	0	8.05	0.004
30741	JUNCTION	0.034	0.960	0 13:05	0.296	8.27	0.000
30776	JUNCTION	0.076	2.082	0 13:02	0.863	38.7	0.057
30790	JUNCTION	0.000	0.518	0 12:04	0	4.59	0.098
30821	JUNCTION	0.154	0.507	0 12:06	0.832	4.59	-0.082
30846	JUNCTION	0.061	0.061	0 12:00	0.462	0.462	-0.018
30874	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
30901	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
30961	JUNCTION	0.204	0.204	0 12:00	2.21	2.21	-0.069
31055	JUNCTION	0.296	0.684	0 12:30	1.63	10.5	-0.021
31056	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
31282	JUNCTION	0.150	0.233	0 12:02	1.54	3.54	0.085
31294	JUNCTION	0.133	0.560	0 12:01	1.51	6.79	0.282
31330	JUNCTION	0.000	0.189	0 12:02	0	0.764	-0.011
31346	JUNCTION	0.023	0.284	0 12:02	0.202	2.18	0.211
31478	JUNCTION	0.015	0.116	0 12:01	0.0959	0.439	0.294
31499	JUNCTION	0.130	0.159	0 12:00	0.995	1.26	0.638
31616	JUNCTION	0.004	0.307	0 12:00	0.0565	4.23	-0.025
31659	JUNCTION	0.064	1.894	0 12:36	0.53	41	0.007
31679	JUNCTION	0.000	1.578	0 12:38	0	36.3	0.001
31692	JUNCTION	0.000	1.578	0 12:38	0	36.3	0.002
31717	JUNCTION	0.000	1.578	0 12:37	0	36.3	0.002
31727	JUNCTION	0.000	0.088	0 13:29	0	1.08	0.648
31735	JUNCTION	0.029	0.091	0 13:21	0.251	1.08	0.090
33074	JUNCTION	0.000	0.088	0 13:29	0	1.07	0.069
33088	JUNCTION	0.000	0.088	0 13:30	0	1.07	0.028

33102	JUNCTION	0.000	0.088	0	13:34	0	1.07	-0.023
33116	JUNCTION	0.000	0.088	0	13:35	0	1.07	0.055
33130	JUNCTION	0.000	0.088	0	13:37	0	1.07	-0.019
33147	JUNCTION	0.000	1.578	0	12:35	0	36.3	0.001
33161	JUNCTION	0.000	1.578	0	12:36	0	36.3	0.000
35248	JUNCTION	0.000	0.023	0	12:04	0	0.356	0.023
35262	JUNCTION	0.000	0.024	0	12:01	0	0.356	0.004
ARDJ01	JUNCTION	0.000	0.025	0	17:20	0	2.74	-0.002
ARDJ02	JUNCTION	0.024	0.025	0	17:21	0.0679	2.81	0.000
ARDJ03	JUNCTION	0.020	0.044	0	12:00	0.0554	2.87	-0.003
ARDJ04	JUNCTION	0.067	0.111	0	12:00	0.186	3.05	0.003
ARDJ05	JUNCTION	0.000	0.110	0	12:00	0	3.05	-0.012
ARDJ06	JUNCTION	0.056	0.165	0	12:00	0.157	3.21	0.004
ARDJ07	JUNCTION	0.070	0.228	0	12:00	0.195	3.41	0.008
ARDJ08	JUNCTION	0.000	0.217	0	12:00	0	3.41	-0.020
ARDJ09	JUNCTION	0.067	0.269	0	12:00	0.186	3.59	0.006
ARDJ10	JUNCTION	0.054	0.288	0	12:00	0.15	3.74	-0.002
ARDJ11	JUNCTION	0.044	0.300	0	12:01	0.123	3.86	0.020
ARDJ12	JUNCTION	0.049	0.312	0	12:01	0.138	4	-0.018
ARDJ13	JUNCTION	0.000	0.312	0	12:02	0	4	0.010
ARDJ14	JUNCTION	0.021	0.426	0	12:02	0.0588	5.37	0.005
DDJ01	JUNCTION	0.000	0.188	0	12:02	0	1.97	0.003
DDJ02	JUNCTION	0.000	0.187	0	12:03	0	1.97	-0.005
DDJ03	JUNCTION	0.000	0.185	0	12:04	0	1.97	0.005
DDJ04	JUNCTION	0.062	0.225	0	12:04	0.259	2.23	-0.015
DDJ05	JUNCTION	0.062	0.259	0	12:06	0.395	2.62	0.005
DDJ06	JUNCTION	0.147	0.333	0	12:07	0.563	3.19	-0.140
J1	JUNCTION	0.000	0.093	0	12:43	0	1.16	-0.679
J100	JUNCTION	0.037	0.177	0	12:01	0.266	1.4	-0.001
J1010	JUNCTION	0.130	1.457	0	12:50	1.11	24.5	-0.023
J102	JUNCTION	0.034	0.093	0	12:00	0.311	0.779	-0.030
J1036	JUNCTION	0.111	0.407	0	12:22	0.696	6.24	0.131
J109	JUNCTION	0.048	0.218	0	12:01	0.367	1.77	-0.048
J11	JUNCTION	0.000	1.196	0	12:46	0	16.2	0.046
J112	JUNCTION	0.086	0.086	0	12:00	0.887	0.887	-0.104
J114	JUNCTION	0.021	0.106	0	12:02	0.154	0.934	0.025
J1142	JUNCTION	0.235	0.235	0	12:00	2.06	2.06	-0.703
J116	JUNCTION	0.088	0.088	0	12:00	0.794	0.794	-0.014
J12_1	JUNCTION	0.000	0.004	0	12:00	0	0.00827	2.447
J1209	JUNCTION	0.069	0.875	0	13:51	0.617	23.2	0.007
J1210	JUNCTION	0.013	0.096	0	12:00	0.139	0.718	-0.169
J1213	JUNCTION	0.054	0.211	0	12:01	0.222	1.53	0.155
J1216	JUNCTION	0.046	0.852	0	12:55	0.395	13.1	0.001
J1219	JUNCTION	0.051	1.044	0	12:37	0.238	13.9	-0.010
J1222	JUNCTION	0.092	0.254	0	12:06	0.609	2.91	0.020
J1225	JUNCTION	0.019	0.302	0	12:14	0.217	3.59	-0.052
J1227	JUNCTION	0.041	0.260	0	12:02	0.162	2.42	0.008
J1229	JUNCTION	0.024	0.326	0	12:26	0.135	3.79	0.071
J1231	JUNCTION	0.062	0.678	0	12:23	0.525	8.25	0.024
J1232	JUNCTION	0.070	0.252	0	12:00	0.427	1.44	0.063
J1233	JUNCTION	0.153	3.199	0	13:00	1.4	66.5	0.009
J124	JUNCTION	0.019	0.019	0	12:00	0.115	0.115	0.015
J1240	JUNCTION	0.088	0.800	0	12:40	0.493	11.1	-0.002
J1241	JUNCTION	0.053	0.745	0	14:08	0.507	19.3	-0.003
J1249	JUNCTION	0.215	0.835	0	13:56	2.02	22	-0.013
J1254	JUNCTION	0.036	0.809	0	12:52	0.205	12.3	-0.001
J1258	JUNCTION	0.127	0.127	0	12:00	0.716	0.742	-0.960
J1259	JUNCTION	0.062	0.129	0	11:59	0.282	1.12	0.035
J126	JUNCTION	0.082	0.724	0	12:26	0.619	8.86	-0.041
J1260	JUNCTION	0.179	0.179	0	12:00	1.62	1.62	-0.015
J1268	JUNCTION	0.029	0.701	0	12:31	0.29	9.37	-0.003
J1270	JUNCTION	0.020	0.766	0	14:03	0.0505	19.9	0.012
J1272	JUNCTION	0.141	0.383	0	12:00	0.583	3.03	-0.295
J1273	JUNCTION	0.030	0.739	0	12:28	0.189	9.06	0.037
J1276	JUNCTION	0.286	0.286	0	12:00	2.27	2.27	-0.014
J1277	JUNCTION	0.000	0.455	0	12:07	0	4.46	0.014
J1278	JUNCTION	0.185	1.395	0	12:48	1.44	23.3	-0.004
J1279	JUNCTION	0.050	0.265	0	12:13	0.18	2.72	0.013
J1280	JUNCTION	0.067	0.421	0	12:05	0.28	3.57	-0.014
J1294	JUNCTION	0.047	0.732	0	12:43	0.301	10.6	0.003
J1299	JUNCTION	0.043	0.311	0	12:01	0.198	2.1	-0.082
J13	JUNCTION	0.067	0.067	0	12:00	0.614	0.614	-0.006
J1300	JUNCTION	0.026	0.202	0	12:05	0.133	1.83	0.616
J1301	JUNCTION	0.072	0.739	0	13:22	0.642	18.5	0.041
J1306	JUNCTION	0.000	0.313	0	12:03	0	2.7	0.029
J1308	JUNCTION	0.203	0.241	0	12:00	1.55	3.42	-0.103
J1314	JUNCTION	0.000	0.356	0	12:08	0	3.33	-0.147
J1318	JUNCTION	0.151	0.586	0	12:29	0.8	7.63	0.005
J1322	JUNCTION	0.145	0.145	0	12:00	1.23	1.23	-0.118
J1324	JUNCTION	0.048	0.593	0	12:16	0.348	6.92	0.030
J1325	JUNCTION	0.030	0.293	0	12:00	0.177	2.45	0.013
J1329	JUNCTION	0.124	1.163	0	12:43	0.43	17.2	0.001
J1330	JUNCTION	0.011	0.405	0	12:24	0.114	6.34	-0.019
J1331	JUNCTION	0.031	0.471	0	12:11	0.223	4.47	0.061
J1332	JUNCTION	0.000	0.860	0	13:00	0	16.8	0.034
J1334	JUNCTION	0.074	0.086	0	12:00	0.741	0.826	-0.021
J1335	JUNCTION	0.163	1.160	0	13:11	1.37	11.5	0.174
J1338	JUNCTION	0.158	0.686	0	12:31	1.04	9.28	0.000
J1344	JUNCTION	0.016	0.920	0	12:32	0.217	11.7	0.021
J1348	JUNCTION	0.308	1.309	0	12:46	4.69	21.9	-0.003
J135	JUNCTION	0.022	0.048	0	12:13	0.194	0.226	-0.129
J1352	JUNCTION	0.137	1.860	0	12:53	1.77	32.6	-0.003
J1355	JUNCTION	0.000	1.110	0	13:10	0	28.8	-0.005
J138	JUNCTION	0.113	0.207	0	12:01	0.768	1.7	0.018
J140	JUNCTION	0.084	0.232	0	12:09	0.604	2.31	-0.019
J142	JUNCTION	0.000	0.981	0	12:37	0	12.9	0.007
J15	JUNCTION	0.081	0.081	0	12:00	0.766	0.766	-0.993
J153	JUNCTION	0.000	0.103	0	12:00	0	0.752	-0.073
J159	JUNCTION	0.108	0.108	0	12:00	0.749	0.749	-0.016
J161	JUNCTION	0.032	0.032	0	12:00	0.233	0.233	-0.048
J165	JUNCTION	0.143	0.143	0	12:00	1.48	1.48	-0.179
J167	JUNCTION	0.106	0.122	0	12:00	0.472	0.587	-0.092
J169	JUNCTION	0.000	0.760	0	12:49	0	11.3	0.013

J17	JUNCTION	0.064	0.292	0	12:00	0.511	2.42	0.229
J172	JUNCTION	0.051	0.051	0	12:00	0.422	0.422	-0.129
J18	JUNCTION	0.000	0.025	0	05:20	0	1.08	-0.079
J19	JUNCTION	0.621	0.621	0	12:00	2.09	2.09	-1.030
J199	JUNCTION	0.000	0.034	0	12:02	0	0.233	0.037
J2	JUNCTION	0.000	1.169	0	13:06	0	30.2	-0.000
J20	JUNCTION	0.148	0.205	0	12:00	1.14	1.76	0.012
J205	JUNCTION	0.103	0.718	0	12:38	0.814	10.1	0.098
J209	JUNCTION	0.020	0.857	0	12:58	0.134	13.2	0.001
J217	JUNCTION	0.056	0.112	0	12:00	0.364	0.784	-0.037
J219	JUNCTION	0.020	0.266	0	12:18	0.145	2.87	-0.065
J221	JUNCTION	0.046	1.180	0	12:53	0.509	16.8	0.032
J225	JUNCTION	0.062	0.062	0	12:00	0.42	0.42	0.162
J229	JUNCTION	0.048	0.048	0	12:00	0.266	0.266	-0.037
J23	JUNCTION	0.040	0.263	0	12:01	0.0988	2.51	0.669
J241	JUNCTION	0.000	0.046	0	12:00	0	0.266	-0.124
J254	JUNCTION	0.051	0.051	0	12:00	0.281	0.281	-0.096
J273	JUNCTION	0.152	0.152	0	12:00	0.733	0.733	-0.126
J275	JUNCTION	0.045	0.165	0	12:02	0.229	1.71	0.091
J28	JUNCTION	0.045	0.231	0	12:03	0.237	2.73	0.093
J283	JUNCTION	0.000	0.864	0	13:01	0	13.4	-0.048
J294	JUNCTION	0.024	0.865	0	13:00	0.151	13.4	0.003
J299	JUNCTION	0.073	0.073	0	12:00	0.544	0.559	-0.215
J3	JUNCTION	0.000	1.579	0	12:33	0	36.3	0.091
J30	JUNCTION	0.104	0.104	0	12:00	0.757	0.757	-0.020
J304	JUNCTION	0.087	0.087	0	12:00	0.952	0.952	-0.022
J319	JUNCTION	0.075	0.248	0	12:14	0.451	3.44	0.035
J32	JUNCTION	0.000	0.245	0	12:18	0	2.99	0.091
J329	JUNCTION	0.017	0.017	0	12:00	0.151	0.151	-0.002
J35	JUNCTION	0.041	0.246	0	12:16	0.269	3	0.401
J355	JUNCTION	0.028	0.072	0	12:38	0.291	1.29	-0.054
J36	JUNCTION	0.038	0.403	0	12:04	0.26	3.76	0.204
J360	JUNCTION	0.054	0.054	0	12:00	0.411	0.411	-0.008
J362	JUNCTION	0.030	0.268	0	12:05	0.18	1.83	-0.004
J37	JUNCTION	0.165	0.165	0	12:00	1.17	1.17	-0.102
J372	JUNCTION	0.035	0.250	0	12:04	0.209	1.65	0.006
J384	JUNCTION	0.033	0.117	0	12:01	0.205	0.792	0.056
J39	JUNCTION	0.070	0.123	0	12:00	0.306	0.785	-0.077
J392	JUNCTION	0.083	0.083	0	12:00	0.515	0.515	-0.254
J394	JUNCTION	0.037	0.053	0	12:00	0.19	0.341	-0.036
J396	JUNCTION	0.045	0.094	0	12:00	0.246	0.587	-0.076
J398	JUNCTION	0.035	0.746	0	13:08	0.409	17.1	0.015
J41	JUNCTION	0.059	0.059	0	12:00	0.478	0.478	-0.009
J419	JUNCTION	0.067	0.310	0	12:07	0.548	2.38	-0.004
J43	JUNCTION	0.103	0.103	0	12:00	0.387	0.388	0.745
J433	JUNCTION	0.131	0.131	0	12:00	0.828	0.828	-0.237
J443	JUNCTION	0.186	0.186	0	12:00	1.92	1.92	-0.085
J447	JUNCTION	0.038	0.088	0	12:00	0.252	0.663	-0.001
J449	JUNCTION	0.000	0.176	0	12:14	0	1.65	-0.002
J451	JUNCTION	0.045	0.182	0	12:00	0.19	1.18	-0.004
J453	JUNCTION	0.020	0.176	0	12:13	0.12	1.65	0.004
J455	JUNCTION	0.000	0.121	0	12:01	0	0.83	0.174
J458	JUNCTION	0.049	0.206	0	12:00	0.346	1.97	0.009
J46	JUNCTION	0.071	0.105	0	12:02	0.689	1.31	-0.002
J462	JUNCTION	0.089	0.509	0	12:14	0.564	5.03	-0.017
J467	JUNCTION	0.058	0.143	0	12:00	0.506	0.99	-0.004
J47	JUNCTION	0.000	0.057	0	12:09	0	0.622	-0.018
J472	JUNCTION	0.087	0.087	0	12:00	0.484	0.484	-0.003
J475	JUNCTION	0.018	0.191	0	12:01	0.0539	1.23	0.005
J479	JUNCTION	0.020	0.322	0	12:02	0.182	2.28	0.460
J48	JUNCTION	0.034	0.134	0	12:00	0.198	0.955	-0.030
J491	JUNCTION	0.069	1.230	0	12:59	0.277	22.3	0.008
J50	JUNCTION	0.105	0.478	0	12:04	0.323	4.24	-0.070
J51	JUNCTION	0.000	1.159	0	12:49	0	16.2	-0.006
J52	JUNCTION	0.020	0.108	0	12:02	0.185	1.1	0.189
J523	JUNCTION	0.012	1.230	0	13:02	0.207	22.5	0.028
J525	JUNCTION	0.055	0.491	0	12:13	0.468	5.72	0.121
J54	JUNCTION	0.040	0.040	0	12:00	0.235	0.235	0.035
J55	JUNCTION	0.000	1.220	0	12:54	0	22	-0.012
J56	JUNCTION	0.015	0.124	0	12:02	0.187	0.972	-0.005
J562	JUNCTION	0.105	0.895	0	13:51	0.636	23.8	0.027
J57	JUNCTION	0.000	0.063	0	12:59	0	0.231	-0.262
J576	JUNCTION	0.078	0.078	0	12:00	0.63	0.63	-0.011
J58	JUNCTION	0.044	0.054	0	12:01	0.258	0.281	-0.055
J580	JUNCTION	0.054	0.054	0	12:00	0.384	0.384	-0.966
J584	JUNCTION	0.071	0.617	0	12:31	0.479	8.1	-0.006
J59	JUNCTION	0.098	0.098	0	12:00	0.91	0.91	-0.158
J596	JUNCTION	0.118	0.118	0	12:00	0.976	0.976	-0.116
J598	JUNCTION	0.265	1.170	0	13:06	1.35	30.2	-0.004
J602	JUNCTION	0.020	0.020	0	12:00	0.0739	0.0739	-0.943
J61	JUNCTION	0.054	0.149	0	12:00	0.353	1.14	0.001
J611	JUNCTION	0.080	0.080	0	12:00	0.59	0.59	-0.287
J623	JUNCTION	0.053	0.053	0	12:00	0.398	0.398	-0.021
J63	JUNCTION	0.000	0.051	0	12:00	0	0.344	0.109
J633	JUNCTION	0.056	1.186	0	13:04	0.327	30.5	0.016
J644	JUNCTION	0.027	0.027	0	12:00	0.154	0.154	-0.270
J646	JUNCTION	0.082	0.138	0	12:00	0.561	1.17	-0.003
J650	JUNCTION	0.047	0.724	0	12:36	0.489	9.86	0.027
J658	JUNCTION	0.032	0.079	0	12:00	0.213	0.611	0.015
J66	JUNCTION	0.100	0.100	0	12:00	0.783	0.783	-0.005
J660	JUNCTION	0.030	0.074	0	12:03	0.191	0.566	-0.064
J664	JUNCTION	0.052	0.066	0	12:00	0.302	0.376	0.245
J668	JUNCTION	0.063	0.416	0	12:07	0.293	4.45	-0.094
J673	JUNCTION	0.071	1.514	0	12:30	0.348	35.3	0.120
J676	JUNCTION	0.000	0.767	0	12:40	0	10.7	0.003
J68	JUNCTION	0.091	0.091	0	12:00	0.8	0.8	-0.192
J684	JUNCTION	0.032	0.094	0	12:03	0.262	0.829	-0.004
J686	JUNCTION	0.084	0.084	0	12:00	0.672	0.672	0.004
J693	JUNCTION	0.043	0.735	0	12:39	0.215	10.1	-0.000
J70	JUNCTION	0.013	1.165	0	12:50	0.162	16.3	0.018
J703	JUNCTION	0.000	0.024	0	12:00	0	0.159	0.308
J710	JUNCTION	0.028	0.150	0	12:03	0.149	1.32	-0.012
J712	JUNCTION	0.064	0.768	0	12:39	0.582	10.7	-0.002

J718	JUNCTION	0.040	0.040	0	12:00	0.313	0.472	-0.030
J72	JUNCTION	0.000	0.245	0	12:04	0	2.42	-0.086
J728	JUNCTION	0.047	0.129	0	12:00	0.336	1.01	-0.013
J744	JUNCTION	0.062	0.246	0	12:03	0.777	2.84	-0.010
J746	JUNCTION	0.020	0.165	0	12:03	0.164	1.55	0.016
J748	JUNCTION	0.068	0.211	0	12:03	0.515	2.06	-0.021
J75	JUNCTION	0.092	0.356	0	12:16	0.564	4.15	0.041
J757	JUNCTION	0.043	0.162	0	12:00	0.376	1.38	0.007
J76	JUNCTION	0.009	0.730	0	14:11	0.0895	18.7	0.006
J761	JUNCTION	0.064	0.082	0	12:00	0.659	1.38	-0.005
J77	JUNCTION	0.054	0.054	0	12:00	0.344	0.344	-0.021
J777	JUNCTION	0.040	0.345	0	12:43	0.416	5.64	0.023
J779	JUNCTION	0.021	0.045	0	12:30	0.257	0.724	0.001
J797	JUNCTION	0.000	0.154	0	12:02	0	1.38	-0.012
J803	JUNCTION	0.317	0.317	0	12:00	3.03	3.03	-0.066
J81	JUNCTION	0.023	0.727	0	14:09	0.192	18.7	0.001
J82	JUNCTION	0.044	0.133	0	12:00	0.521	0.936	-0.033
J834	JUNCTION	0.034	0.097	0	12:00	0.494	1.88	0.186
J84	JUNCTION	0.060	0.060	0	12:00	0.468	0.468	-0.006
J86	JUNCTION	0.017	0.242	0	12:12	0.097	2.45	0.058
J87	JUNCTION	0.007	0.338	0	12:30	0.122	5.22	0.002
J88	JUNCTION	0.117	0.981	0	12:35	1.16	12.9	-0.008
J9	JUNCTION	0.045	0.238	0	12:00	0.15	1.91	0.027
J9_1	JUNCTION	0.000	0.004	0	12:00	0	0.0113	-1.182
J90	JUNCTION	0.067	0.231	0	12:11	0.534	2.35	-0.073
J92	JUNCTION	0.093	0.093	0	12:00	0.415	0.415	-0.023
J923	JUNCTION	0.512	0.512	0	12:00	1.91	1.91	-0.612
J925	JUNCTION	0.015	0.087	0	12:01	0.175	0.999	0.075
J929	JUNCTION	0.219	0.398	0	12:00	2.11	5.54	-0.090
J95	JUNCTION	0.106	0.106	0	12:00	0.752	0.752	-0.052
J954	JUNCTION	0.000	0.007	0	12:15	0	0.0168	0.821
J964	JUNCTION	0.030	0.030	0	12:00	0.097	0.102	-0.019
Mesure_point	JUNCTION	0.000	0.324	0	12:16	0	4.27	0.109
NOF1_1	JUNCTION	1.104	1.401	0	13:18	3.7	18.8	-0.606
PDJ01	JUNCTION	0.139	0.139	0	12:00	0.412	0.412	-0.022
PDJ02	JUNCTION	0.000	0.139	0	12:00	0	0.412	0.008
PDJ03	JUNCTION	0.000	0.138	0	12:00	0	0.412	-0.006
PDJ04	JUNCTION	0.195	0.332	0	12:00	0.579	0.991	-0.035
PDJ05	JUNCTION	0.175	0.502	0	12:00	0.519	1.51	0.014
PDJ06	JUNCTION	0.180	1.079	0	12:00	0.54	3.34	0.143
PDJ07	JUNCTION	0.167	0.410	0	12:00	0.504	1.29	-0.001
PDJ08	JUNCTION	0.000	0.248	0	12:00	0	0.787	-0.013
PDJ09	JUNCTION	0.201	0.254	0	12:00	0.606	0.787	-0.003
PDJ10	JUNCTION	0.060	0.060	0	12:00	0.18	0.18	-0.030
NOF1	OUTFALL	0.000	1.369	0	13:32	0	18.9	0.000
NOF2	OUTFALL	0.000	0.678	0	12:33	0	10.5	0.000
Outfall_A	OUTFALL	0.000	1.123	0	13:12	0	31.3	0.000
Outfall_B	OUTFALL	0.000	3.197	0	13:02	0	66.5	0.000
POND	STORAGE	0.167	1.238	0	12:00	0.486	5.28	-0.056

Node Surcharge Summary

Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Meters	Min. Depth Below Rim Meters
16472	JUNCTION	96.00	0.000	0.000
16555	JUNCTION	96.00	0.000	0.000
16641	JUNCTION	96.00	0.000	0.000
16799	JUNCTION	96.00	0.000	0.000
16876	JUNCTION	96.00	0.000	0.000
17114	JUNCTION	96.00	0.000	0.000
17196	JUNCTION	96.00	0.000	0.000
31056	JUNCTION	96.00	0.000	0.000

Node Flooding Summary

No nodes were flooded.

Storage Volume Summary

Storage Unit	Average Volume 1000 m ³	Avg Full	Evap Loss	Exfil Loss	Maximum Volume 1000 m ³	Max Full	Time of Max Occurrence days hr:min	Maximum Outflow CMS
POND	2.282	45.6	0.0	0.0	3.631	72.6	0 16:12	0.025

Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 10 ⁶ ltr
NOF1	67.57	0.201	1.369	18.923
NOF2	88.46	0.081	0.678	10.520
Outfall_A	86.84	0.224	1.123	31.317
Outfall_B	97.86	0.438	3.197	66.507

System 85.18 0.943 6.099 127.266

Link Flow Summary

Link	Type	Maximum Flow CMS	Time of Max Occurrence days hr:min	Maximum Veloc m/sec	Max/ Full Flow	Max/ Full Depth
AR_culvert450	CONDUIT	0.105	0 12:03	1.20	0.40	0.63
ARDC01	CONDUIT	0.025	0 17:21	0.26	0.02	0.16
ARDC02_Culvert450	CONDUIT	0.025	0 17:31	1.39	0.16	0.30
ARDC03	CONDUIT	0.044	0 12:00	0.24	0.04	0.26
ARDC04_Culvert450	CONDUIT	0.110	0 12:00	1.28	0.56	0.54
ARDC05	CONDUIT	0.109	0 12:00	0.30	0.10	0.36
ARDC06	CONDUIT	0.159	0 12:00	0.32	0.11	0.40
ARDC07_Culvert450	CONDUIT	0.217	0 12:00	1.63	1.32	0.78
ARDC08	CONDUIT	0.211	0 12:02	0.41	0.13	0.40
ARDC09	CONDUIT	0.248	0 12:02	0.42	0.15	0.42
ARDC10	CONDUIT	0.273	0 12:03	0.44	0.15	0.41
ARDC11	CONDUIT	0.286	0 12:03	0.52	0.12	0.36
ARDC12	CONDUIT	0.312	0 12:02	0.75	0.06	0.26
ARDC13	CONDUIT	0.311	0 12:03	0.60	0.02	0.23
ARDC14_Culvert600	CONDUIT	0.400	0 12:02	2.23	0.68	0.84
C1_1	CHANNEL	1.286	0 13:21	0.50	0.07	0.48
C1_2	CHANNEL	1.369	0 13:30	0.74	0.08	0.54
C10	CHANNEL	0.049	0 13:12	0.10	0.01	0.66
C103	CONDUIT	0.082	0 12:00	0.22	0.05	0.21
C105	CONDUIT	0.017	0 12:01	0.08	0.00	0.06
C113	CONDUIT	0.016	0 12:03	0.07	0.00	0.15
C115	CONDUIT	1.075	0 12:00	1.19	0.24	0.50
C116	CONDUIT	0.048	0 12:01	0.16	0.01	0.18
C12_1	CHANNEL	0.003	0 12:48	0.18	0.00	0.04
C124	CONDUIT	0.103	0 12:00	0.20	0.01	0.33
C128	CONDUIT	0.346	0 12:31	0.40	0.07	0.38
C132	CONDUIT	0.067	0 12:39	0.16	0.06	0.43
C134	CONDUIT	0.122	0 12:01	0.31	0.03	0.22
C137	CONDUIT	0.106	0 12:10	2.25	0.29	0.34
C138	CONDUIT	0.128	0 12:03	0.27	0.02	0.19
C142	CHANNEL	3.197	0 13:02	1.25	1.62	0.40
C144	CONDUIT	1.890	0 12:36	2.37	2.17	0.54
C145	CONDUIT	0.112	0 12:02	0.40	0.02	0.18
C147	CONDUIT	1.123	0 13:12	1.95	1.14	0.85
C153	CONDUIT	0.094	0 12:00	0.19	0.04	0.43
C155	CONDUIT	0.052	0 12:00	0.36	0.01	0.10
C156	CONDUIT	0.076	0 12:00	0.21	0.01	0.51
C16	CONDUIT	0.086	0 12:00	0.17	0.07	0.26
C163	CONDUIT	0.062	0 13:16	0.80	0.38	0.49
C165	CONDUIT	0.080	0 12:01	0.19	0.01	0.19
C167	CONDUIT	0.025	0 12:00	0.08	0.00	0.14
C172	CONDUIT	0.114	0 12:01	0.19	0.01	0.16
C176	CONDUIT	0.138	0 12:00	0.29	0.06	0.25
C180	CONDUIT	0.128	0 12:04	0.51	0.02	0.15
C186	CONDUIT	0.154	0 12:02	0.36	0.05	0.23
C189	CONDUIT	0.057	0 12:10	0.07	0.00	0.08
C190	CONDUIT	0.224	0 12:04	0.47	0.04	0.24
C196	CONDUIT	0.580	0 12:33	0.67	0.36	0.54
C199	CONDUIT	0.084	0 12:09	0.24	0.03	0.20
C2	CHANNEL	0.096	0 12:20	0.10	0.03	0.61
C200	CONDUIT	0.179	0 12:00	0.47	0.07	0.46
C202	CONDUIT	0.175	0 12:01	0.36	0.04	0.25
C207	CONDUIT	0.150	0 12:03	0.31	0.04	0.25
C213	CONDUIT	0.303	0 12:00	0.54	0.04	0.28
C213_1	CONDUIT	0.058	0 12:04	0.16	0.01	0.34
C213_3	CONDUIT	1.159	0 12:49	0.62	0.26	0.57
C213_4	CONDUIT	1.158	0 12:50	0.61	0.26	0.58
C214	CONDUIT	0.033	0 12:13	0.05	0.01	0.26
C218	CHANNEL	0.004	0 12:45	0.10	0.00	0.11
C22	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C221	CONDUIT	0.086	0 12:01	0.31	0.01	0.17
C223	CONDUIT	0.096	0 12:00	0.30	0.01	0.08
C225	CONDUIT	0.106	0 12:07	0.23	0.03	0.24
C226	CONDUIT	0.102	0 12:03	0.15	0.01	0.58
C23	CONDUIT	0.076	0 12:01	0.21	0.01	0.23
C230	CONDUIT	0.003	0 12:48	0.28	0.01	0.09
C231_1	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C231_2	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C233	CONDUIT	0.051	0 12:05	0.14	0.05	0.27
C234	CONDUIT	0.020	0 12:01	0.11	0.01	0.18
C239	CONDUIT	0.193	0 12:00	0.23	0.04	0.41
C24	CONDUIT	0.090	0 12:00	0.39	0.00	0.06
C241	CONDUIT	0.090	0 12:06	0.21	0.01	0.11
C245	CONDUIT	0.188	0 12:02	0.40	0.06	0.24
C248	CONDUIT	0.228	0 12:00	0.24	0.06	0.43
C25	CHANNEL	0.000	0 00:00	0.00	0.00	0.21
C251	CONDUIT	0.071	0 12:06	0.22	0.04	0.28
C256	CONDUIT	0.230	0 12:02	0.21	0.11	0.46
C259	CONDUIT	0.306	0 12:02	0.34	0.04	0.38
C262	CONDUIT	0.160	0 12:04	0.27	0.04	0.28
C263	CONDUIT	0.247	0 12:06	0.57	0.04	0.23
C266	CONDUIT	0.103	0 12:00	0.27	0.01	0.18
C267	CONDUIT	0.143	0 12:01	0.34	0.01	0.11
C268	CONDUIT	0.149	0 12:04	0.44	0.01	0.21
C27	CONDUIT	1.369	0 13:32	1.48	1.20	0.76
C27_1	CHANNEL	0.045	0 11:56	0.12	0.01	0.75
C27_2	CONDUIT	0.398	0 12:06	0.46	0.01	0.25
C271	CONDUIT	0.083	0 12:00	0.32	0.01	0.26
C272	CHANNEL	0.024	0 12:00	0.34	0.00	0.06
C275	CONDUIT	0.207	0 12:05	0.36	0.08	0.28

C276	CONDUIT	0.245	0	12:04	0.63	0.03	0.22
C277	CHANNEL	0.011	0	12:04	0.05	0.01	0.36
C279	CHANNEL	0.024	0	12:01	0.14	0.00	0.08
C282	CONDUIT	0.401	0	12:13	0.31	0.07	0.48
C283	CHANNEL	0.104	0	12:05	0.28	0.27	0.53
C284	CONDUIT	0.098	0	12:46	0.06	0.03	0.52
C285	CONDUIT	0.139	0	12:08	0.23	0.02	0.40
C287	CHANNEL	0.023	0	12:04	0.18	0.00	0.08
C287_1	CONDUIT	0.089	0	12:04	0.26	0.10	0.68
C287_2	CONDUIT	0.323	0	12:44	0.23	0.18	0.74
C288	CONDUIT	0.083	0	12:02	0.16	0.02	0.29
C289	CONDUIT	0.011	0	12:40	0.06	0.01	0.20
C29	CONDUIT	0.044	0	12:02	0.11	0.01	0.26
C291	CONDUIT	0.266	0	12:07	0.45	0.04	0.28
C292	CHANNEL	0.022	0	12:06	0.18	0.00	0.09
C294	CONDUIT	0.175	0	12:02	0.35	0.02	0.12
C296	CONDUIT	0.159	0	12:00	0.18	0.08	0.37
C297_1	CONDUIT	0.267	0	12:05	0.19	0.08	0.50
C299	CHANNEL	0.057	0	12:09	0.70	0.00	0.09
C3	CONDUIT	0.335	0	12:04	0.52	0.58	0.69
C30	CONDUIT	0.121	0	12:01	0.28	0.03	0.35
C300	CONDUIT	0.228	0	12:03	0.46	0.02	0.12
C305	CONDUIT	0.173	0	12:16	0.31	0.06	0.35
C308	CONDUIT	0.231	0	12:09	0.40	0.05	0.28
C309	CONDUIT	0.234	0	12:08	0.31	0.04	0.36
C31	CONDUIT	0.091	0	12:03	0.30	0.02	0.18
C310_1	CONDUIT	0.063	0	12:59	0.17	0.02	0.49
C310_2	CHANNEL	0.063	0	12:59	0.30	0.00	0.09
C311	CONDUIT	0.263	0	12:00	0.26	0.07	0.44
C313	CONDUIT	0.176	0	12:10	0.33	0.02	0.13
C314	CHANNEL	0.062	0	13:01	0.17	0.00	0.12
C319	CONDUIT	0.196	0	12:17	0.19	0.04	0.43
C32	CONDUIT	0.054	0	12:01	0.26	0.01	0.14
C320	CONDUIT	0.032	0	12:33	0.10	0.03	0.21
C322	CHANNEL	0.059	0	13:06	0.09	0.01	0.16
C324	CONDUIT	0.208	0	12:15	0.23	0.04	0.54
C326	CHANNEL	0.108	0	12:07	0.33	0.00	0.09
C327	CONDUIT	0.304	0	12:08	0.42	0.09	0.33
C329	CHANNEL	0.062	0	13:14	0.16	0.00	0.12
C33	CONDUIT	0.518	0	12:04	0.53	0.01	0.34
C331	CONDUIT	0.221	0	12:18	0.17	0.05	0.46
C333	CHANNEL	0.062	0	13:15	0.29	0.00	0.12
C334	CONDUIT	0.051	0	12:00	1.36	0.11	0.44
C335	CONDUIT	0.226	0	12:13	0.36	0.02	0.15
C34	CONDUIT	0.431	0	12:06	0.25	0.00	0.47
C340	CONDUIT	0.343	0	12:13	0.30	0.08	0.44
C341	CONDUIT	0.044	0	12:38	0.09	0.01	0.25
C346	CHANNEL	0.062	0	13:19	0.40	0.02	0.21
C35	CONDUIT	0.945	0	13:05	0.11	0.01	0.50
C350	CHANNEL	0.080	0	13:22	0.15	0.01	0.17
C352	CONDUIT	0.245	0	12:18	0.18	0.02	0.47
C353	CHANNEL	0.005	0	12:44	0.01	0.00	0.24
C355	CONDUIT	0.345	0	12:52	0.16	0.33	0.82
C356	CONDUIT	0.398	0	12:24	0.46	0.27	0.44
C359	CONDUIT	0.285	0	12:07	0.34	0.02	0.19
C36	CONDUIT	0.957	0	13:06	0.14	0.02	0.42
C361	CONDUIT	0.088	0	13:29	1.40	0.80	0.50
C363	CONDUIT	0.078	0	12:30	0.15	0.03	0.30
C365	CHANNEL	0.088	0	13:29	0.06	0.00	0.09
C367	CONDUIT	0.195	0	12:13	0.23	0.04	0.62
C371	CHANNEL	0.088	0	13:30	7.55	0.00	0.09
C372	CONDUIT	0.025	0	12:39	0.28	0.02	0.31
C374	CONDUIT	0.301	0	12:18	0.43	0.05	0.34
C375	CONDUIT	0.396	0	12:07	0.34	0.07	0.30
C376	CONDUIT	0.092	0	12:44	0.19	0.24	0.25
C377	CHANNEL	0.088	0	13:34	0.29	0.00	0.10
C378	CHANNEL	0.088	0	13:35	0.14	0.02	0.27
C379	CHANNEL	0.088	0	13:37	0.24	0.04	0.45
C38	CONDUIT	0.088	0	12:00	0.35	0.01	0.30
C381_1	CHANNEL	0.089	0	13:38	0.02	0.00	0.39
C381_2	CHANNEL	1.578	0	12:35	0.25	0.02	0.49
C384	CHANNEL	1.578	0	12:36	0.65	0.05	0.36
C385	CHANNEL	1.578	0	12:37	0.49	0.04	0.49
C388	CONDUIT	1.578	0	12:38	1.92	1.03	0.63
C391	CONDUIT	0.393	0	12:10	0.29	0.06	0.37
C397	CHANNEL	1.578	0	12:38	1.08	0.08	0.39
C398	CHANNEL	1.578	0	12:38	0.77	0.02	0.39
C399	CONDUIT	0.442	0	12:21	0.25	0.15	0.60
C4	CONDUIT	0.101	0	12:00	0.33	0.02	0.18
C401	CONDUIT	1.160	0	12:53	0.48	0.28	0.67
C403	CONDUIT	0.051	0	12:00	0.17	0.02	0.18
C405	CHANNEL	0.281	0	12:35	0.41	0.01	0.28
C407	CHANNEL	0.093	0	12:43	0.11	0.01	0.22
C408	CONDUIT	0.046	0	12:00	0.15	0.01	0.19
C409	CONDUIT	0.262	0	12:24	0.24	0.04	0.25
C41	CONDUIT	0.048	0	12:00	0.13	0.05	0.21
C413	CONDUIT	0.081	0	12:03	0.20	0.02	0.23
C416	CONDUIT	0.350	0	12:22	0.35	0.04	0.45
C42	CONDUIT	0.953	0	13:08	0.17	0.05	0.40
C420	CONDUIT	0.616	0	12:33	0.46	0.19	0.47
C423	CONDUIT	0.583	0	12:22	0.43	0.21	0.47
C425	CHANNEL	0.080	0	12:01	0.10	0.01	0.32
C429	CONDUIT	0.696	0	12:36	0.45	0.17	0.51
C43	CONDUIT	0.951	0	13:10	0.24	0.01	0.34
C432	CONDUIT	0.674	0	12:27	0.57	0.16	0.43
C433	CONDUIT	0.188	0	12:12	0.39	0.03	0.24
C437	CONDUIT	0.231	0	12:12	0.37	0.03	0.39
C439_1	CONDUIT	1.172	0	12:56	0.43	0.33	0.71
C439_2	CONDUIT	1.217	0	12:59	0.61	0.33	0.59
C44	CONDUIT	0.053	0	12:05	0.11	0.01	0.44
C444_2	CONDUIT	0.027	0	13:16	0.26	0.04	0.71
C445	CONDUIT	0.199	0	12:23	0.17	0.05	0.63
C447	CONDUIT	0.722	0	12:28	0.48	0.13	0.51

C448	CONDUIT	0.300	0	12:37	0.16	0.06	0.37
C451	CONDUIT	0.290	0	12:28	0.33	0.73	0.89
C452	CONDUIT	0.719	0	12:39	0.43	0.58	0.54
C455	CONDUIT	0.734	0	12:40	0.47	0.21	0.52
C457	CHANNEL	0.078	0	12:15	0.07	0.68	1.00
C460	CONDUIT	0.767	0	12:40	0.49	0.22	0.51
C465	CONDUIT	0.728	0	12:32	0.32	0.21	0.64
C466	CONDUIT	0.664	0	12:39	0.31	0.17	0.40
C468	CONDUIT	0.765	0	12:41	0.46	0.26	0.68
C469	CONDUIT	0.798	0	12:41	0.40	0.33	0.76
C47	CONDUIT	0.989	0	13:11	0.42	0.03	0.23
C472	CONDUIT	0.915	0	12:36	0.51	1.63	0.55
C474	CHANNEL	0.189	0	12:02	0.13	0.09	0.54
C475	CONDUIT	0.706	0	12:42	0.38	0.13	0.36
C478	CONDUIT	1.160	0	12:46	0.53	0.61	0.78
C481	CONDUIT	0.726	0	12:47	0.43	0.13	0.33
C485	CONDUIT	1.228	0	13:02	0.82	0.21	0.50
C486	CONDUIT	0.981	0	12:37	0.79	0.14	0.45
C49	CONDUIT	0.098	0	12:00	0.12	0.01	0.40
C490	CONDUIT	0.984	0	12:38	0.81	0.15	0.44
C491	CONDUIT	1.227	0	13:05	0.66	0.19	0.57
C493	CHANNEL	0.157	0	12:06	0.15	0.10	0.54
C498	CONDUIT	0.807	0	12:55	0.47	0.13	0.33
C499	CONDUIT	1.037	0	12:39	0.70	0.14	0.53
C5	CONDUIT	0.077	0	12:00	0.17	0.01	0.41
C50	CHANNEL	0.986	0	13:14	0.33	0.35	0.72
C505	CONDUIT	0.850	0	12:59	0.53	0.10	0.32
C507	CONDUIT	1.307	0	12:49	0.65	0.31	0.60
C513	CONDUIT	0.856	0	13:01	0.53	0.11	0.32
C514	CHANNEL	0.189	0	12:47	0.09	0.10	0.78
C517	CONDUIT	1.392	0	12:51	0.68	0.28	0.60
C518	CONDUIT	0.864	0	13:01	0.53	0.09	0.35
C52	CONDUIT	0.059	0	12:00	0.08	0.02	0.38
C520	CONDUIT	0.072	0	12:41	0.10	0.00	0.36
C521	CONDUIT	0.046	0	12:00	0.25	0.03	0.13
C522	CONDUIT	0.860	0	13:00	0.37	0.11	0.51
C524	CONDUIT	0.056	0	12:44	0.21	0.03	0.16
C525	CHANNEL	0.414	0	12:34	0.33	0.04	0.31
C525_3	CONDUIT	0.040	0	12:03	0.21	0.01	0.13
C528	CONDUIT	1.453	0	12:54	0.59	0.33	0.69
C53	CONDUIT	0.158	0	12:01	0.43	0.03	0.20
C530	CONDUIT	0.728	0	13:08	0.27	0.14	0.70
C535	CONDUIT	0.710	0	13:22	0.17	0.04	0.80
C537_2	CONDUIT	0.729	0	14:13	0.60	0.17	0.44
C537_3	CONDUIT	0.721	0	14:09	0.13	0.11	0.87
C540	CONDUIT	0.016	0	12:00	0.11	0.00	0.11
C541	CONDUIT	0.074	0	12:01	0.24	0.13	0.26
C542	CONDUIT	0.051	0	12:01	0.24	0.01	0.14
C543	CONDUIT	0.017	0	12:02	0.05	0.02	0.25
C545	CONDUIT	0.087	0	12:01	0.23	0.02	0.25
C546	CONDUIT	0.007	0	12:15	0.04	0.00	0.14
C547	CONDUIT	0.088	0	12:02	0.16	0.03	0.34
C548	CONDUIT	0.746	0	14:11	0.55	0.09	0.47
C550	CONDUIT	0.163	0	12:14	0.28	0.07	0.35
C551	CONDUIT	0.766	0	14:07	0.41	0.24	0.57
C552	CONDUIT	0.176	0	12:14	0.27	0.02	0.38
C553_1	CONDUIT	0.176	0	12:15	0.15	0.06	0.43
C553_2	CONDUIT	0.451	0	12:11	0.37	0.15	0.45
C555	CONDUIT	0.463	0	12:15	0.37	0.21	0.45
C556	CONDUIT	0.505	0	12:16	0.48	0.22	0.42
C557	CONDUIT	0.875	0	13:56	0.36	0.29	0.66
C558	CONDUIT	0.894	0	13:55	0.51	0.80	0.55
C559	CONDUIT	1.109	0	13:13	0.82	0.14	0.47
C560_1	CONDUIT	1.169	0	13:06	0.70	0.09	0.53
C560_2	CONDUIT	1.169	0	13:08	0.67	0.24	0.55
C561	CONDUIT	1.187	0	13:05	0.57	0.19	0.62
C562	CONDUIT	1.511	0	12:31	0.60	0.36	0.69
C569	CONDUIT	0.140	0	12:00	0.36	0.02	0.25
C57	CONDUIT	0.059	0	12:00	0.23	0.01	0.07
C575	CHANNEL	0.152	0	12:03	0.42	0.01	0.20
C58	CONDUIT	0.104	0	12:01	0.23	0.02	0.30
C580	CHANNEL	0.000	0	00:00	0.00	0.00	0.08
C584	CONDUIT	0.252	0	12:01	0.22	0.11	0.49
C586	CONDUIT	0.400	0	12:22	0.33	0.06	0.59
C587_1	CONDUIT	1.816	0	13:02	0.46	0.41	0.88
C6	CONDUIT	0.038	0	12:00	0.14	0.01	0.19
C60	CONDUIT	0.085	0	12:01	0.21	0.02	0.34
C600	CONDUIT	0.126	0	12:02	0.31	0.03	0.22
C614_2	CONDUIT	0.565	0	12:02	0.52	0.14	0.42
C615	CONDUIT	0.245	0	12:20	0.32	0.08	0.33
C617	CONDUIT	0.254	0	12:19	0.32	0.04	0.19
C62	CONDUIT	0.140	0	12:01	0.33	0.03	0.23
C621	CONDUIT	0.452	0	12:02	0.52	0.10	0.36
C622	CONDUIT	0.757	0	12:53	0.43	0.11	0.34
C624	CONDUIT	0.835	0	14:00	0.39	0.26	0.62
C63_1	CHANNEL	0.097	0	12:47	0.08	0.00	0.25
C66	CONDUIT	0.046	0	12:02	0.10	0.01	0.35
C7	CONDUIT	0.210	0	12:30	0.63	0.10	0.50
C7_1	CHANNEL	0.000	0	00:00	0.00	0.00	0.14
C7_2	CHANNEL	0.010	0	12:05	0.26	0.00	0.19
C70	CONDUIT	0.678	0	12:33	3.40	0.20	0.30
C72	CONDUIT	0.188	0	12:02	0.43	0.64	0.73
C78	CHANNEL	1.152	0	13:17	0.29	0.10	0.47
C80	CONDUIT	0.105	0	12:12	2.09	0.46	0.44
C81	CHANNEL	0.106	0	12:11	0.33	0.04	0.35
C82	CONDUIT	0.088	0	12:02	0.30	0.01	0.08
C85	CONDUIT	0.066	0	12:04	0.19	0.04	0.19
C88	CONDUIT	0.034	0	12:02	0.20	0.00	0.06
C9	CONDUIT	0.057	0	12:00	0.11	0.02	0.28
C9_1	CHANNEL	0.003	0	12:53	0.05	0.00	0.07
C9_2	CHANNEL	0.004	0	12:00	0.09	0.00	0.11
C93	CONDUIT	1.149	0	12:46	2.55	0.89	0.67
C96	CONDUIT	0.108	0	12:03	0.28	0.01	0.10

DDC01_CULVERT_600	CONDUIT	0.187	0	12:03	1.50	1.32	0.46
DDC02	CONDUIT	0.185	0	12:04	0.31	0.33	0.61
DDC03	CONDUIT	0.180	0	12:05	0.26	0.31	0.63
DDC04	CONDUIT	0.215	0	12:06	0.27	0.43	0.72
DDC05	CONDUIT	0.244	0	12:09	0.27	0.49	0.75
DDC06	CONDUIT	0.307	0	12:14	0.30	0.46	0.76
MD_AR_Culvert700mm	CONDUIT	0.727	0	14:12	2.15	2.62	0.91
PDC01	CONDUIT	0.139	0	12:00	0.22	0.04	0.38
PDC02_CULVERT450	CONDUIT	0.138	0	12:00	0.90	1.57	0.92
PDC03	CONDUIT	0.138	0	12:00	0.18	0.04	0.39
PDC04	CONDUIT	0.328	0	12:00	0.34	0.10	0.45
PDC05	CONDUIT	0.499	0	12:00	0.44	0.10	0.48
PDC06	CONDUIT	0.410	0	12:01	0.35	0.26	0.48
PDC07	CONDUIT	0.251	0	12:01	0.24	0.08	0.47
PDC08_CULVERT450	CONDUIT	0.248	0	12:00	1.56	1.47	1.00
PDC09	CONDUIT	0.063	0	12:02	0.09	0.02	0.49
P1	PUMP	0.025	0	17:20		1.00	
P2	PUMP	0.025	0	05:20		1.00	

Flow Classification Summary

Conduit	Adjusted /Actual Length	----- Fraction of Time in Flow Class -----								Inlet Ctrl
		Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	
AR_culvert450	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.95	0.00
ARDC01	1.00	0.00	0.61	0.00	0.39	0.00	0.00	0.00	0.56	0.00
ARDC02_Culvert450	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.51	0.00
ARDC03	1.00	0.00	0.36	0.00	0.64	0.00	0.00	0.00	1.00	0.00
ARDC04_Culvert450	1.00	0.00	0.00	0.00	0.83	0.17	0.00	0.00	0.41	0.00
ARDC05	1.00	0.12	0.17	0.00	0.71	0.00	0.00	0.00	0.75	0.00
ARDC06	1.00	0.00	0.12	0.00	0.88	0.00	0.00	0.00	1.00	0.00
ARDC07_Culvert450	1.00	0.00	0.00	0.00	0.88	0.12	0.00	0.00	0.25	0.00
ARDC08	1.00	0.00	0.09	0.00	0.91	0.00	0.00	0.00	0.99	0.00
ARDC09	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
ARDC10	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
ARDC11	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.18	0.00
ARDC12	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
ARDC13	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
ARDC14_Culvert600	1.00	0.00	0.00	0.00	0.83	0.17	0.00	0.00	0.90	0.00
C1_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C1_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C10	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.94	0.00
C103	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.12	0.00
C105	1.00	0.56	0.06	0.00	0.38	0.00	0.00	0.00	0.43	0.00
C113	1.00	0.00	0.50	0.00	0.50	0.00	0.00	0.00	1.00	0.00
C115	1.00	0.00	0.00	0.00	0.30	0.00	0.00	0.70	0.02	0.00
C116	1.00	0.25	0.37	0.00	0.38	0.00	0.00	0.00	0.71	0.00
C12_1	1.00	0.12	0.00	0.00	0.88	0.00	0.00	0.00	0.87	0.00
C124	1.00	0.00	0.61	0.00	0.39	0.00	0.00	0.00	0.81	0.00
C128	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
C132	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.40	0.00
C134	1.00	0.35	0.07	0.00	0.57	0.00	0.00	0.00	0.99	0.00
C137	1.00	0.02	0.00	0.00	0.81	0.17	0.00	0.00	0.92	0.00
C138	1.00	0.06	0.25	0.00	0.69	0.00	0.00	0.00	0.76	0.00
C142	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C144	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C145	1.00	0.08	0.29	0.00	0.63	0.00	0.00	0.00	0.88	0.00
C147	1.00	0.00	0.00	0.00	0.89	0.11	0.00	0.00	0.00	0.39
C153	1.00	0.00	0.40	0.00	0.60	0.00	0.00	0.00	0.82	0.00
C155	1.00	0.52	0.10	0.00	0.38	0.00	0.00	0.00	0.40	0.00
C156	1.00	0.00	0.64	0.00	0.36	0.00	0.00	0.00	0.80	0.00
C16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C163	1.00	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.91	0.00
C165	1.00	0.00	0.51	0.00	0.49	0.00	0.00	0.00	0.97	0.00
C167	1.00	0.00	0.55	0.00	0.45	0.00	0.00	0.00	0.97	0.00
C172	1.00	0.00	0.56	0.00	0.44	0.00	0.00	0.00	0.99	0.00
C176	1.00	0.48	0.02	0.00	0.50	0.00	0.00	0.00	0.18	0.00
C180	1.00	0.10	0.05	0.00	0.86	0.00	0.00	0.00	0.00	0.00
C186	1.00	0.32	0.03	0.00	0.65	0.00	0.00	0.00	0.29	0.00
C189	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.94	0.00
C190	1.00	0.23	0.01	0.00	0.75	0.00	0.00	0.00	0.43	0.00
C196	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C199	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.00
C2	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.54	0.00
C200	1.00	0.00	0.42	0.00	0.58	0.00	0.00	0.00	0.95	0.00
C202	1.00	0.39	0.10	0.00	0.51	0.00	0.00	0.00	0.58	0.00
C207	1.00	0.28	0.07	0.00	0.65	0.00	0.00	0.00	0.78	0.00
C213	1.00	0.00	0.48	0.00	0.52	0.00	0.00	0.00	0.99	0.00
C213_1	1.00	0.00	0.15	0.00	0.84	0.00	0.00	0.00	0.98	0.00
C213_3	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.77	0.00
C213_4	1.00	0.00	0.01	0.00	0.98	0.00	0.00	0.00	0.88	0.00
C214	1.00	0.00	0.29	0.00	0.71	0.00	0.00	0.00	0.95	0.00
C218	1.00	0.70	0.27	0.00	0.03	0.00	0.00	0.00	0.86	0.00
C22	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C221	1.00	0.36	0.16	0.00	0.48	0.00	0.00	0.00	0.59	0.00
C223	1.00	0.50	0.12	0.00	0.37	0.00	0.00	0.00	0.41	0.00
C225	1.00	0.00	0.08	0.00	0.92	0.00	0.00	0.00	0.99	0.00
C226	1.00	0.00	0.38	0.00	0.62	0.00	0.00	0.00	0.94	0.00
C23	1.00	0.00	0.56	0.00	0.44	0.00	0.00	0.00	0.99	0.00
C230	1.00	0.12	0.85	0.00	0.03	0.00	0.00	0.00	0.88	0.00
C231_1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C231_2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C233	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C234	1.00	0.00	0.39	0.00	0.61	0.00	0.00	0.00	0.86	0.00
C239	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.08	0.00
C24	1.00	0.37	0.30	0.00	0.33	0.00	0.00	0.00	0.60	0.00
C241	1.00	0.13	0.12	0.00	0.75	0.00	0.00	0.00	0.72	0.00
C245	1.00	0.36	0.03	0.00	0.61	0.00	0.00	0.00	0.04	0.00

C248	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.00
C25	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C251	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C256	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C259	1.00	0.00	0.36	0.00	0.64	0.00	0.00	0.00	0.99	0.00
C262	1.00	0.16	0.12	0.00	0.72	0.00	0.00	0.00	0.77	0.00
C263	1.00	0.22	0.03	0.00	0.75	0.00	0.00	0.00	0.73	0.00
C266	1.00	0.20	0.40	0.00	0.40	0.00	0.00	0.00	0.71	0.00
C267	1.00	0.43	0.08	0.00	0.50	0.00	0.00	0.00	0.50	0.00
C268	1.00	0.00	0.14	0.00	0.86	0.00	0.00	0.00	0.99	0.00
C27	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.11
C27_1	1.00	0.00	0.00	0.00	0.65	0.35	0.00	0.00	0.25	0.00
C27_2	1.00	0.07	0.09	0.00	0.84	0.00	0.00	0.00	0.87	0.00
C271	1.00	0.00	0.52	0.00	0.48	0.00	0.00	0.00	0.96	0.00
C272	1.00	0.00	0.00	0.00	0.82	0.18	0.00	0.00	0.41	0.00
C275	1.00	0.04	0.12	0.00	0.84	0.00	0.00	0.00	0.69	0.00
C276	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
C277	1.00	0.00	0.12	0.00	0.88	0.00	0.00	0.00	0.86	0.00
C279	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.98	0.00
C282	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C283	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.30	0.00
C284	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
C285	1.00	0.00	0.06	0.00	0.94	0.00	0.00	0.00	0.95	0.00
C287	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.00
C287_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.91	0.00
C287_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
C288	1.00	0.00	0.20	0.00	0.79	0.00	0.00	0.00	0.82	0.00
C289	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.73	0.00
C29	1.00	0.00	0.47	0.00	0.53	0.00	0.00	0.00	0.90	0.00
C291	1.00	0.10	0.12	0.00	0.78	0.00	0.00	0.00	0.90	0.00
C292	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.94	0.00
C294	1.00	0.35	0.08	0.00	0.57	0.00	0.00	0.00	0.51	0.00
C296	1.00	0.12	0.27	0.00	0.62	0.00	0.00	0.00	0.59	0.00
C297_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.11	0.00
C299	1.00	0.01	0.00	0.00	0.04	0.95	0.00	0.00	0.00	0.00
C3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C30	1.00	0.00	0.52	0.00	0.48	0.00	0.00	0.00	0.95	0.00
C300	1.00	0.14	0.21	0.00	0.65	0.00	0.00	0.00	0.74	0.00
C305	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
C308	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.92	0.00
C309	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.99	0.00
C31	1.00	0.00	0.34	0.00	0.66	0.00	0.00	0.00	0.96	0.00
C310_1	1.00	0.00	0.96	0.00	0.04	0.00	0.00	0.00	0.85	0.00
C310_2	1.00	0.12	0.84	0.00	0.04	0.00	0.00	0.00	0.87	0.00
C311	1.00	0.23	0.29	0.00	0.48	0.00	0.00	0.00	0.47	0.00
C313	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.90	0.00
C314	1.00	0.00	0.12	0.00	0.88	0.00	0.00	0.00	0.81	0.00
C319	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.00
C32	1.00	0.37	0.18	0.00	0.45	0.00	0.00	0.00	0.55	0.00
C320	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C322	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C324	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
C326	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C327	1.00	0.00	0.10	0.00	0.90	0.00	0.00	0.00	0.85	0.00
C329	1.00	0.00	0.06	0.00	0.94	0.00	0.00	0.00	0.00	0.00
C33	1.00	0.05	0.02	0.00	0.93	0.00	0.00	0.00	0.07	0.00
C331	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07	0.00
C333	1.00	0.06	0.00	0.00	0.93	0.01	0.00	0.00	0.00	0.00
C334	1.00	0.00	0.70	0.00	0.29	0.01	0.00	0.00	0.94	0.00
C335	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
C34	1.00	0.00	0.11	0.00	0.89	0.00	0.00	0.00	0.86	0.00
C340	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C341	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.87	0.00
C346	1.00	0.00	0.07	0.00	0.93	0.00	0.00	0.00	0.70	0.00
C35	1.00	0.00	0.29	0.00	0.71	0.00	0.00	0.00	0.84	0.00
C350	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.28	0.00
C352	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.06	0.00
C353	1.00	0.63	0.13	0.00	0.24	0.00	0.00	0.00	0.87	0.00
C355	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.71	0.00
C356	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C359	1.00	0.00	0.15	0.00	0.85	0.00	0.00	0.00	0.99	0.00
C36	1.00	0.25	0.06	0.00	0.69	0.00	0.00	0.00	0.02	0.00
C361	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.94	0.00
C363	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.59	0.00
C365	1.00	0.00	0.07	0.00	0.92	0.00	0.00	0.00	0.00	0.00
C367	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.77	0.00
C371	1.00	0.08	0.00	0.00	0.91	0.01	0.00	0.00	0.89	0.00
C372	1.00	0.00	0.63	0.00	0.37	0.00	0.00	0.00	0.81	0.00
C374	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.19	0.00
C375	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
C376	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C377	1.00	0.08	0.00	0.00	0.92	0.00	0.00	0.00	0.68	0.00
C378	1.00	0.08	0.00	0.00	0.91	0.00	0.00	0.00	0.90	0.00
C379	1.00	0.09	0.00	0.00	0.91	0.00	0.00	0.00	0.04	0.00
C38	1.00	0.00	0.57	0.00	0.43	0.00	0.00	0.00	0.98	0.00
C381_1	1.00	0.00	0.09	0.00	0.90	0.00	0.00	0.00	0.84	0.00
C381_2	1.00	0.00	0.06	0.00	0.93	0.00	0.00	0.00	0.00	0.00
C384	1.00	0.07	0.00	0.00	0.93	0.00	0.00	0.00	0.88	0.00
C385	1.00	0.07	0.00	0.00	0.93	0.00	0.00	0.00	0.88	0.00
C388	1.00	0.07	0.00	0.00	0.93	0.00	0.00	0.00	0.00	0.00
C391	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.90	0.00
C397	1.00	0.07	0.00	0.00	0.93	0.00	0.00	0.00	0.00	0.00
C398	1.00	0.00	0.07	0.00	0.87	0.06	0.00	0.00	0.80	0.00
C399	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.73	0.00
C4	1.00	0.35	0.20	0.00	0.44	0.00	0.00	0.00	0.54	0.00
C401	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C403	1.00	0.00	0.61	0.00	0.39	0.00	0.00	0.00	0.86	0.00
C405	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
C407	1.00	0.00	0.78	0.00	0.22	0.00	0.00	0.00	0.69	0.00
C408	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.13	0.00
C409	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
C41	1.00	0.00	0.38	0.00	0.62	0.00	0.00	0.00	0.69	0.00
C413	1.00	0.00	0.18	0.00	0.82	0.00	0.00	0.00	1.00	0.00

C416	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.85	0.00
C42	1.00	0.12	0.01	0.00	0.87	0.00	0.00	0.00	0.32	0.00
C420	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.62	0.00
C423	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.72	0.00
C425	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.54	0.00
C429	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C43	1.00	0.13	0.37	0.00	0.50	0.00	0.00	0.00	0.59	0.00
C432	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C433	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.00
C437	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.98	0.00
C439_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C439_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C44	1.00	0.00	0.18	0.00	0.82	0.00	0.00	0.00	0.91	0.00
C444_2	1.00	0.01	0.75	0.00	0.24	0.00	0.00	0.00	0.91	0.00
C445	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.77	0.00
C447	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
C448	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
C451	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.15	0.00
C452	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
C455	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.79	0.00
C457	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.20	0.00
C460	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C465	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.81	0.00
C466	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.89	0.00
C468	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.86	0.00
C469	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.88	0.00
C47	1.00	0.50	0.15	0.00	0.34	0.00	0.00	0.00	0.81	0.00
C472	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C474	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.43	0.00
C475	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.00
C478	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.31	0.00
C481	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.52	0.00
C485	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.16	0.00
C486	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
C49	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.00
C490	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.00
C491	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C493	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.16	0.00
C498	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C499	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
C5	1.00	0.00	0.59	0.00	0.41	0.00	0.00	0.00	0.93	0.00
C50	1.00	0.00	0.65	0.00	0.34	0.00	0.00	0.00	0.84	0.00
C505	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
C507	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.06	0.00
C513	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.06	0.00
C514	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C517	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
C518	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.88	0.00
C52	1.00	0.00	0.54	0.00	0.46	0.00	0.00	0.00	0.74	0.00
C520	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C521	1.00	0.45	0.06	0.00	0.49	0.00	0.00	0.00	0.23	0.00
C522	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
C524	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
C525	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
C525_3	1.00	0.00	0.45	0.00	0.55	0.00	0.00	0.00	0.97	0.00
C528	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
C53	1.00	0.00	0.49	0.00	0.51	0.00	0.00	0.00	0.97	0.00
C530	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.06	0.00
C535	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.83	0.00
C537_2	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.01	0.00
C537_3	1.00	0.00	0.00	0.00	0.98	0.00	0.00	0.01	0.71	0.00
C540	1.00	0.57	0.07	0.00	0.36	0.00	0.00	0.00	0.37	0.00
C541	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.39	0.00
C542	1.00	0.48	0.09	0.00	0.43	0.00	0.00	0.00	0.50	0.00
C543	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.64	0.00
C545	1.00	0.38	0.10	0.00	0.52	0.00	0.00	0.00	0.58	0.00
C546	1.00	0.00	0.76	0.00	0.24	0.00	0.00	0.00	0.86	0.00
C547	1.00	0.00	0.38	0.00	0.62	0.00	0.00	0.00	0.90	0.00
C548	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
C550	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.00
C551	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
C552	1.00	0.28	0.09	0.00	0.63	0.00	0.00	0.00	0.90	0.00
C553_1	1.00	0.00	0.28	0.00	0.72	0.00	0.00	0.00	0.82	0.00
C553_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.89	0.00
C555	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.77	0.00
C556	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.65	0.00
C557	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.79	0.00
C558	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C559	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.21	0.00
C560_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.75	0.00
C560_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.85	0.00
C561	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.00
C562	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
C569	1.00	0.00	0.56	0.00	0.44	0.00	0.00	0.00	0.99	0.00
C57	1.00	0.46	0.19	0.00	0.35	0.00	0.00	0.00	0.51	0.00
C575	1.00	0.00	0.00	0.00	0.90	0.10	0.00	0.00	0.79	0.00
C58	1.00	0.00	0.44	0.00	0.56	0.00	0.00	0.00	0.87	0.00
C580	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C584	1.00	0.00	0.23	0.00	0.77	0.00	0.00	0.00	0.70	0.00
C586	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
C587_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
C6	1.00	0.00	0.18	0.00	0.82	0.00	0.00	0.00	0.28	0.00
C60	1.00	0.00	0.52	0.00	0.48	0.00	0.00	0.00	0.95	0.00
C600	1.00	0.00	0.36	0.00	0.64	0.00	0.00	0.00	0.98	0.00
C614_2	1.00	0.00	0.33	0.00	0.67	0.00	0.00	0.00	0.95	0.00
C615	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C617	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
C62	1.00	0.25	0.28	0.00	0.47	0.00	0.00	0.00	0.70	0.00
C621	1.00	0.00	0.31	0.00	0.69	0.00	0.00	0.00	0.99	0.00
C622	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.98	0.00
C624	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.83	0.00
C63_1	1.00	0.00	0.78	0.00	0.22	0.00	0.00	0.00	0.75	0.00
C66	1.00	0.00	0.46	0.00	0.54	0.00	0.00	0.00	1.00	0.00

C7	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C7_1	1.00	0.12	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C7_2	1.00	0.12	0.00	0.00	0.88	0.00	0.00	0.00	0.86	0.00
C70	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.14	0.00
C72	1.00	0.00	0.12	0.00	0.88	0.00	0.00	0.00	0.77	0.00
C78	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C80	1.00	0.03	0.00	0.00	0.81	0.15	0.00	0.00	0.88	0.00
C81	1.00	0.03	0.00	0.00	0.60	0.37	0.00	0.00	0.10	0.00
C82	1.00	0.25	0.20	0.00	0.54	0.00	0.00	0.00	0.63	0.00
C85	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
C88	1.00	0.54	0.08	0.00	0.38	0.00	0.00	0.00	0.17	0.00
C9	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.08	0.00
C9_1	1.00	0.12	0.01	0.00	0.88	0.00	0.00	0.00	0.84	0.00
C9_2	1.00	0.00	0.11	0.00	0.89	0.00	0.00	0.00	0.48	0.00
C93	1.00	0.00	0.00	0.00	0.62	0.38	0.00	0.00	0.20	0.00
C96	1.00	0.04	0.33	0.00	0.63	0.00	0.00	0.00	0.93	0.00
DDC01_CULVERT_600	1.00	0.00	0.00	0.00	0.97	0.02	0.00	0.00	0.00	0.00
DDC02	1.00	0.10	0.20	0.00	0.70	0.00	0.00	0.00	0.90	0.00
DDC03	1.00	0.01	0.10	0.00	0.89	0.00	0.00	0.00	0.89	0.00
DDC04	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.97	0.00
DDC05	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
DDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
MD_AR_Culvert700mm	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.01	0.00	0.94
PDC01	1.00	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.77	0.00
PDC02_CULVERT450	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.00	0.00
PDC03	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.76	0.00
PDC04	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.75	0.00
PDC05	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.62	0.00
PDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.27	0.00
PDC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.73	0.00
PDC08_CULVERT450	1.00	0.00	0.00	0.00	0.89	0.11	0.00	0.00	0.02	0.00
PDC09	1.00	0.00	0.08	0.00	0.92	0.00	0.00	0.00	0.79	0.00

Conduit Surge Summary

Conduit	Hours Full			Hours	Hours
	Both Ends	Upstream	Dnstream	Above Full Normal Flow	Capacity Limited
ARDC07_Culvert450	0.01	0.01	0.01	0.19	0.01
ARDC14_Culvert600	0.01	0.01	1.22	0.01	0.01
C142	0.01	0.01	0.01	2.74	0.01
C144	0.01	0.01	0.01	5.08	0.01
C147	0.01	2.88	0.01	1.87	0.01
C27	0.01	0.01	0.01	1.28	0.01
C388	0.01	0.01	0.01	0.65	0.01
C457	0.69	0.69	1.41	0.01	0.01
C472	0.01	0.01	0.01	1.41	0.01
C587_1	0.01	0.01	1.90	0.01	0.01
DDC01_CULVERT_600	0.01	0.01	0.01	0.56	0.01
MD_AR_Culvert700mm	0.01	4.78	0.01	6.46	0.01
PDC02_CULVERT450	0.01	0.01	0.01	0.23	0.01
PDC08_CULVERT450	0.14	0.17	6.56	0.22	0.14

Pumping Summary

Pump	Percent Utilized	Number of Start-Ups	Min	Avg	Max	Total	Power Usage Kw-hr	% Time Off Pump Curve	
			Flow CMS	Flow CMS	Flow CMS	Volume 10^6 ltr		Low	High
P1	31.76	1	0.00	0.02	0.03	2.744	14.40	0.0	100.0
P2	12.50	1	0.00	0.02	0.03	1.080	2.02	0.0	100.0

Analysis begun on: Thu Jan 22 15:57:23 2026
Analysis ended on: Thu Jan 22 15:57:38 2026
Total elapsed time: 00:00:15



Appendix B-4: Post-development 24h storm 2y event

Element Count

Number of rain gages 7
 Number of subcatchments ... 343
 Number of nodes 319
 Number of links 314
 Number of pollutants 0
 Number of land uses 0

Raingage Summary

Name	Data Source	Data Type	Recording Interval
Chicago_4h	Chicago4h	INTENSITY	10 min.
SCS_Type_II_100y_24h_103.5mm	SCS_Type_II_100y_24h_103.5mm	INTENSITY	15 min.
SCS_Type_II_10y_24h_72mm	SCS_Type_II_10y_24h_72mm	INTENSITY	15 min.
SCS_Type_II_25y_24h_84mm	SCS_Type_II_25y_24h_84mm	INTENSITY	15 min.
SCS_Type_II_2y_24h_48mm	SCS_Type_II_2y_24h_48mm	INTENSITY	15 min.
SCS_Type_II_50y_24h_93.6mm	SCS_Type_II_50y_24h_93.6mm	INTENSITY	15 min.
SCS_Type_II_5y_24h_62.4mm	SCS_Type_II_5y_24h_62.4mm	INTENSITY	15 min.

Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
S1	0.06	7.65	5.00	0.9500	SCS_Type_II_2y_24h_48mm	J458
S10	0.32	35.64	5.00	5.3190	SCS_Type_II_2y_24h_48mm	J9
S100	0.29	29010.00	100.00	1.0000	SCS_Type_II_2y_24h_48mm	POND
S101	0.30	30.19	5.00	0.4890	SCS_Type_II_2y_24h_48mm	J116
S102	0.43	23.97	5.00	0.5230	SCS_Type_II_2y_24h_48mm	J135
S103	0.69	67.71	5.00	0.3070	SCS_Type_II_2y_24h_48mm	J88
S104	0.25	38.66	5.00	0.2680	SCS_Type_II_2y_24h_48mm	J124
S105	0.10	222.68	100.00	1.0000	SCS_Type_II_2y_24h_48mm	PDJ06
S106	0.49	38.92	5.00	0.9980	SCS_Type_II_2y_24h_48mm	J138
S107	0.84	41.54	5.00	0.2410	SCS_Type_II_2y_24h_48mm	J159
S108	0.60	75.89	5.00	1.5180	SCS_Type_II_2y_24h_48mm	J1280
S109	0.58	28.02	5.00	0.4250	SCS_Type_II_2y_24h_48mm	J140
S11	0.41	28.94	5.00	0.2640	SCS_Type_II_2y_24h_48mm	J13
S110	0.05	47.70	100.00	1.0000	SCS_Type_II_2y_24h_48mm	POND
S111	0.05	41.34	100.00	1.0000	SCS_Type_II_2y_24h_48mm	POND
S112	0.31	69.99	5.00	1.9710	SCS_Type_II_2y_24h_48mm	J95
S113	4.56	340.05	5.00	0.3000	SCS_Type_II_2y_24h_48mm	J1142
S113_2	1.86	125.00	5.00	0.6210	SCS_Type_II_2y_24h_48mm	31499
S114	0.69	65.33	5.00	0.3570	SCS_Type_II_2y_24h_48mm	J458
S114_3	0.20	141.00	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ04
S115	0.75	49.06	5.00	1.5410	SCS_Type_II_2y_24h_48mm	J140
S116	0.51	51.40	5.00	1.5860	SCS_Type_II_2y_24h_48mm	J1219
S117	0.40	31.11	5.00	0.5740	SCS_Type_II_2y_24h_48mm	J299
S118	0.34	20.14	5.00	0.2750	SCS_Type_II_2y_24h_48mm	J172
S119	1.33	102.45	5.00	0.7510	SCS_Type_II_2y_24h_48mm	J1222
S12	0.51	18.49	5.00	0.8590	SCS_Type_II_2y_24h_48mm	J15
S120	0.59	48.09	5.00	0.4290	SCS_Type_II_2y_24h_48mm	J172
S121	0.47	33.02	5.00	0.4190	SCS_Type_II_2y_24h_48mm	J167
S122	0.83	46.73	5.00	0.4270	SCS_Type_II_2y_24h_48mm	J165
S123	1.47	46.46	5.00	1.0820	SCS_Type_II_2y_24h_48mm	J46
S124	2.35	94.42	5.00	0.1720	SCS_Type_II_2y_24h_48mm	30690
S124_1	0.07	46.86	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ14
S124_2	0.15	110.00	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ12
S125	0.70	35.08	5.00	0.6390	SCS_Type_II_2y_24h_48mm	J165
S126	1.95	120.44	5.00	0.1560	SCS_Type_II_2y_24h_48mm	30776
S127	0.66	75.39	5.00	0.3870	SCS_Type_II_2y_24h_48mm	J1294
S128	0.57	60.27	5.00	1.1810	SCS_Type_II_2y_24h_48mm	16611
S129	1.07	82.99	5.00	0.0800	SCS_Type_II_2y_24h_48mm	J88
S13	0.96	56.74	5.00	0.4170	SCS_Type_II_2y_24h_48mm	J13
S130	1.09	62.68	5.00	0.2720	SCS_Type_II_2y_24h_48mm	J650
S131	0.38	40.31	5.00	0.0780	SCS_Type_II_2y_24h_48mm	J205
S132	1.55	115.07	5.00	1.4520	SCS_Type_II_2y_24h_48mm	J1258
S133	3.81	255.41	5.00	0.2070	SCS_Type_II_2y_24h_48mm	30475
S134	1.05	132.70	5.00	0.3130	SCS_Type_II_2y_24h_48mm	J1338
S135	0.81	107.58	5.00	0.6970	SCS_Type_II_2y_24h_48mm	J159
S136	2.72	189.65	5.00	0.3850	SCS_Type_II_2y_24h_48mm	J1322
S136_1	0.06	43.71	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ03
S136_2	0.07	53.57	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ02
S137	3.54	177.10	5.00	3.4140	SCS_Type_II_2y_24h_48mm	31055
S138	0.29	41.38	5.00	0.3980	SCS_Type_II_2y_24h_48mm	J1229
S139	0.35	39.98	5.00	4.9840	SCS_Type_II_2y_24h_48mm	J1338
S14	0.45	23.28	5.00	3.6290	SCS_Type_II_2y_24h_48mm	J17
S140	0.51	55.29	5.00	0.2850	SCS_Type_II_2y_24h_48mm	J161
S141	0.85	33.53	5.00	0.3060	SCS_Type_II_2y_24h_48mm	J165
S142	0.80	48.47	5.00	0.1100	SCS_Type_II_2y_24h_48mm	16496
S143	0.37	16.98	5.00	0.1780	SCS_Type_II_2y_24h_48mm	J70
S144	5.00	314.22	5.00	0.6030	SCS_Type_II_2y_24h_48mm	J1276
S145	4.70	302.68	5.00	0.2800	SCS_Type_II_2y_24h_48mm	J929
S146	0.49	22.84	5.00	1.1850	SCS_Type_II_2y_24h_48mm	J221
S147	1.17	53.87	5.00	0.9530	SCS_Type_II_2y_24h_48mm	31659
S148	0.79	78.75	5.00	0.5050	SCS_Type_II_2y_24h_48mm	J217
S149	3.40	286.28	5.00	0.3900	SCS_Type_II_2y_24h_48mm	J1308
S15	0.59	26.07	5.00	2.3590	SCS_Type_II_2y_24h_48mm	J35
S150	0.29	64.66	5.00	1.6550	SCS_Type_II_2y_24h_48mm	J1279
S151	0.44	53.49	5.00	0.5110	SCS_Type_II_2y_24h_48mm	J1254
S152	0.89	34.08	5.00	0.3800	SCS_Type_II_2y_24h_48mm	J1338
S153	6.47	354.61	5.00	0.4040	SCS_Type_II_2y_24h_48mm	J803

S154	0.71	51.71	5.00	0.5400	SCS_Type_II_2y_24h_48mm	J205
S155	0.70	28.42	5.00	1.9300	SCS_Type_II_2y_24h_48mm	J205
S156	3.03	217.92	5.00	0.3750	SCS_Type_II_2y_24h_48mm	J1335
S157	1.80	105.95	5.00	1.5280	SCS_Type_II_2y_24h_48mm	J433
S158	0.94	48.20	5.00	0.1890	SCS_Type_II_2y_24h_48mm	J165
S159	0.56	60.53	5.00	0.2710	SCS_Type_II_2y_24h_48mm	J225
S16	0.83	97.73	5.00	2.6180	SCS_Type_II_2y_24h_48mm	J43
S160	11.16	223.19	5.00	0.3000	SCS_Type_II_2y_24h_48mm	J1348
S161	0.10	26.08	5.00	0.0780	SCS_Type_II_2y_24h_48mm	J1279
S162	1.42	70.09	5.00	0.6540	SCS_Type_II_2y_24h_48mm	J1301
S163	0.28	26.59	5.00	0.4280	SCS_Type_II_2y_24h_48mm	J229
S164	2.11	64.61	5.00	2.1160	SCS_Type_II_2y_24h_48mm	J596
S165	1.51	52.99	5.00	4.5370	SCS_Type_II_2y_24h_48mm	J1036
S166	0.50	38.56	5.00	0.2420	SCS_Type_II_2y_24h_48mm	J1216
S167	0.38	28.63	5.00	0.4170	SCS_Type_II_2y_24h_48mm	J1216
S168	0.85	52.44	5.00	1.3330	SCS_Type_II_2y_24h_48mm	DDJ05
S168_1	0.13	3.60	5.00	1.1520	SCS_Type_II_2y_24h_48mm	15183
S169	0.32	24.29	5.00	0.5510	SCS_Type_II_2y_24h_48mm	J219
S17	0.69	24.26	5.00	0.3820	SCS_Type_II_2y_24h_48mm	J17
S170	0.36	36.64	5.00	0.5950	SCS_Type_II_2y_24h_48mm	J225
S171	0.54	46.53	5.00	2.8950	SCS_Type_II_2y_24h_48mm	DDJ04
S172	1.01	68.13	5.00	0.6250	SCS_Type_II_2y_24h_48mm	30846
S173	2.45	122.50	5.00	0.7310	SCS_Type_II_2y_24h_48mm	J1010
S174	3.16	157.81	5.00	1.0340	SCS_Type_II_2y_24h_48mm	J1278
S175	0.56	56.83	5.00	0.6910	SCS_Type_II_2y_24h_48mm	J58
S176	0.66	41.24	5.00	4.9770	SCS_Type_II_2y_24h_48mm	DDJ06
S177	0.29	38.73	5.00	0.9100	SCS_Type_II_2y_24h_48mm	J229
S178	4.07	116.25	5.00	0.3900	SCS_Type_II_2y_24h_48mm	J1352
S179	0.54	29.15	5.00	2.3910	SCS_Type_II_2y_24h_48mm	J273
S18	0.60	26.40	5.00	1.9640	SCS_Type_II_2y_24h_48mm	J37
S180	4.29	171.71	5.00	0.5560	SCS_Type_II_2y_24h_48mm	J443
S181	1.03	131.85	5.00	0.8370	SCS_Type_II_2y_24h_48mm	J1318
S182	3.60	138.48	5.00	1.0000	SCS_Type_II_2y_24h_48mm	J1260
S183	0.32	25.27	5.00	3.2090	SCS_Type_II_2y_24h_48mm	J273
S184	0.65	26.17	5.00	1.0600	SCS_Type_II_2y_24h_48mm	30741
S185	0.32	23.19	5.00	2.1230	SCS_Type_II_2y_24h_48mm	J254
S186	0.93	77.19	5.00	0.0770	SCS_Type_II_2y_24h_48mm	J398
S187	3.56	215.24	5.00	0.3210	SCS_Type_II_2y_24h_48mm	J1249
S19	0.64	21.19	5.00	0.4780	SCS_Type_II_2y_24h_48mm	J30
S190	0.46	25.63	5.00	0.5160	SCS_Type_II_2y_24h_48mm	J299
S195	0.29	33.98	5.00	0.3090	SCS_Type_II_2y_24h_48mm	J209
S197	0.33	42.92	5.00	0.3390	SCS_Type_II_2y_24h_48mm	J294
S2	0.33	9.62	5.00	2.4760	SCS_Type_II_2y_24h_48mm	31499
S20	0.41	40.56	5.00	1.1040	SCS_Type_II_2y_24h_48mm	J30
S202	1.21	32.45	5.00	0.4710	SCS_Type_II_2y_24h_48mm	J304
S207	0.32	25.46	5.00	0.7920	SCS_Type_II_2y_24h_48mm	J299
S21	0.43	59.98	5.00	0.3790	SCS_Type_II_2y_24h_48mm	J48
S210	0.50	40.38	5.00	1.9640	SCS_Type_II_2y_24h_48mm	J273
S214	0.23	21.72	5.00	4.4940	SCS_Type_II_2y_24h_48mm	J273
S215	0.50	24.83	5.00	4.4320	SCS_Type_II_2y_24h_48mm	J275
S219	0.29	38.83	5.00	0.3410	SCS_Type_II_2y_24h_48mm	J254
S22	0.51	69.55	5.00	0.5350	SCS_Type_II_2y_24h_48mm	J28
S221_1	0.00	0.26	5.00	0.5820	SCS_Type_II_2y_24h_48mm	J299
S223_1	0.29	23.10	5.00	0.8420	SCS_Type_II_2y_24h_48mm	15017
S224	0.66	62.75	5.00	0.1370	SCS_Type_II_2y_24h_48mm	J319
S225	0.72	19.79	5.00	0.0610	SCS_Type_II_2y_24h_48mm	J221
S23	0.74	27.50	5.00	1.0850	SCS_Type_II_2y_24h_48mm	J37
S234_2	0.33	16.44	5.00	0.6910	SCS_Type_II_2y_24h_48mm	J329
S24	0.21	35.68	5.00	16.0510	SCS_Type_II_2y_24h_48mm	J23
S241	0.93	64.10	5.00	1.2370	SCS_Type_II_2y_24h_48mm	J1232
S242	1.80	44.10	5.00	6.1590	SCS_Type_II_2y_24h_48mm	J1233
S247_2	0.64	27.84	5.00	1.0490	SCS_Type_II_2y_24h_48mm	J392
S25	0.34	31.27	5.00	1.8320	SCS_Type_II_2y_24h_48mm	J37
S26	0.26	47.59	5.00	0.3880	SCS_Type_II_2y_24h_48mm	J30
S260_2	0.56	34.76	5.00	0.6060	SCS_Type_II_2y_24h_48mm	J360
S262	0.45	45.40	5.00	0.6740	SCS_Type_II_2y_24h_48mm	J372
S268	0.33	28.73	5.00	6.0690	SCS_Type_II_2y_24h_48mm	J319
S269_1	0.48	46.77	5.00	1.6780	SCS_Type_II_2y_24h_48mm	J392
S27	0.48	37.17	5.00	0.7660	SCS_Type_II_2y_24h_48mm	J37
S272	0.53	91.99	5.00	0.2890	SCS_Type_II_2y_24h_48mm	J396
S276	0.41	58.61	5.00	0.5570	SCS_Type_II_2y_24h_48mm	J394
S278_2	0.37	16.26	5.00	0.2060	SCS_Type_II_2y_24h_48mm	J81
S28	0.46	31.38	5.00	0.0150	SCS_Type_II_2y_24h_48mm	17000
S285	0.46	28.17	5.00	0.2390	SCS_Type_II_2y_24h_48mm	J304
S288	1.08	44.90	5.00	0.7430	SCS_Type_II_2y_24h_48mm	J419
S29	0.66	67.92	5.00	1.9020	SCS_Type_II_2y_24h_48mm	J39
S291	0.39	35.67	5.00	0.7780	SCS_Type_II_2y_24h_48mm	J362
S3	4.97	177.55	5.00	0.5730	SCS_Type_II_2y_24h_48mm	30961
S30	0.36	19.05	5.00	0.6370	SCS_Type_II_2y_24h_48mm	J30
S300_1	0.34	27.63	5.00	0.5480	SCS_Type_II_2y_24h_48mm	J360
S301	0.45	58.27	5.00	0.3320	SCS_Type_II_2y_24h_48mm	J384
S307	0.55	36.71	5.00	0.9950	SCS_Type_II_2y_24h_48mm	J447
S309	0.48	74.25	5.00	1.0460	SCS_Type_II_2y_24h_48mm	J1213
S31	0.37	37.85	5.00	0.3240	SCS_Type_II_2y_24h_48mm	J41
S310	0.14	41.49	5.00	0.2880	SCS_Type_II_2y_24h_48mm	J419
S313	0.48	31.48	5.00	0.4800	SCS_Type_II_2y_24h_48mm	J304
S314	0.32	24.78	5.00	2.4090	SCS_Type_II_2y_24h_48mm	J491
S315	0.84	31.75	5.00	0.5610	SCS_Type_II_2y_24h_48mm	J462
S316	0.30	10.26	5.00	0.6600	SCS_Type_II_2y_24h_48mm	31735
S317	0.26	35.42	5.00	0.3510	SCS_Type_II_2y_24h_48mm	J453
S32	0.83	36.19	5.00	0.6070	SCS_Type_II_2y_24h_48mm	J59
S324_3	0.06	59.90	5.00	0.2110	SCS_Type_II_2y_24h_48mm	J81
S33	0.69	50.36	5.00	0.3050	SCS_Type_II_2y_24h_48mm	J41
S330	0.79	63.77	5.00	0.1830	SCS_Type_II_2y_24h_48mm	J525
S334_1	0.20	22.19	5.00	0.0820	SCS_Type_II_2y_24h_48mm	J76
S335	0.90	56.71	5.00	0.4830	SCS_Type_II_2y_24h_48mm	17316
S336	0.61	128.30	5.00	0.3930	SCS_Type_II_2y_24h_48mm	J1259
S339	0.21	26.92	5.00	0.7310	SCS_Type_II_2y_24h_48mm	J1331
S34	0.39	29.74	5.00	0.3330	SCS_Type_II_2y_24h_48mm	J37
S340	0.11	46.10	5.00	0.7570	SCS_Type_II_2y_24h_48mm	J475
S341	0.43	61.81	5.00	0.7540	SCS_Type_II_2y_24h_48mm	J1299
S345	0.41	54.43	5.00	1.3180	SCS_Type_II_2y_24h_48mm	J451
S35	0.40	37.73	5.00	0.2180	SCS_Type_II_2y_24h_48mm	J54

S355	0.41	93.73	5.00	0.8730	SCS_Type_II_2y_24h_48mm	J462
S357	0.25	32.13	5.00	0.3310	SCS_Type_II_2y_24h_48mm	J525
S36	0.64	32.73	5.00	1.2270	SCS_Type_II_2y_24h_48mm	J75
S362	0.28	57.30	5.00	0.0210	SCS_Type_II_2y_24h_48mm	J1331
S365	0.40	21.52	5.00	0.5010	SCS_Type_II_2y_24h_48mm	J479
S368	0.27	45.45	5.00	2.0220	SCS_Type_II_2y_24h_48mm	J491
S37	0.57	37.57	5.00	0.7060	SCS_Type_II_2y_24h_48mm	J59
S372	0.65	41.62	5.00	1.1330	SCS_Type_II_2y_24h_48mm	J1318
S375	0.25	17.70	5.00	0.6920	SCS_Type_II_2y_24h_48mm	31735
S38	0.56	43.82	5.00	0.6240	SCS_Type_II_2y_24h_48mm	J66
S384	0.83	41.01	5.00	5.1870	SCS_Type_II_2y_24h_48mm	J562
S39	0.49	29.44	5.00	0.1630	SCS_Type_II_2y_24h_48mm	J1225
S391	0.71	66.19	5.00	0.0550	SCS_Type_II_2y_24h_48mm	J1209
S392	0.94	80.12	5.00	0.2450	SCS_Type_II_2y_24h_48mm	J1249
S395	0.60	17.89	5.00	0.0070	SCS_Type_II_2y_24h_48mm	J523
S397	0.48	66.78	5.00	1.1470	SCS_Type_II_2y_24h_48mm	J598
S398	0.60	101.45	5.00	0.7580	SCS_Type_II_2y_24h_48mm	J598
S399	1.42	22.59	5.00	0.2620	SCS_Type_II_2y_24h_48mm	J1233
S4	1.05	68.00	5.00	2.0060	SCS_Type_II_2y_24h_48mm	J472
S40	0.41	41.88	5.00	0.1430	SCS_Type_II_2y_24h_48mm	J52
S403	0.48	47.80	5.00	0.7300	SCS_Type_II_2y_24h_48mm	J584
S405	0.11	55.66	5.00	1.6290	SCS_Type_II_2y_24h_48mm	J1270
S406	0.56	22.88	5.00	0.8010	SCS_Type_II_2y_24h_48mm	J562
S408	0.49	39.78	5.00	1.2860	SCS_Type_II_2y_24h_48mm	J580
S409	0.05	28.16	5.00	0.1780	SCS_Type_II_2y_24h_48mm	J1318
S41	1.05	24.29	5.00	0.4350	SCS_Type_II_2y_24h_48mm	J116
S411	0.57	38.31	5.00	0.5650	SCS_Type_II_2y_24h_48mm	J584
S417	0.66	63.34	5.00	0.4020	SCS_Type_II_2y_24h_48mm	J1209
S419	0.76	71.73	5.00	2.7970	SCS_Type_II_2y_24h_48mm	J598
S42	0.70	17.02	5.00	2.9960	SCS_Type_II_2y_24h_48mm	J15
S421	0.71	50.65	5.00	1.3600	SCS_Type_II_2y_24h_48mm	J633
S428	0.42	34.89	5.00	0.3030	SCS_Type_II_2y_24h_48mm	J611
S429	0.43	70.10	5.00	0.3560	SCS_Type_II_2y_24h_48mm	J611
S43	1.16	53.26	5.00	0.9520	SCS_Type_II_2y_24h_48mm	J66
S431	0.44	27.59	5.00	0.9150	SCS_Type_II_2y_24h_48mm	J598
S437	0.65	84.61	5.00	0.0600	SCS_Type_II_2y_24h_48mm	J1268
S439	0.41	37.53	5.00	0.5500	SCS_Type_II_2y_24h_48mm	J623
S44	0.67	45.06	5.00	0.4680	SCS_Type_II_2y_24h_48mm	J68
S443	0.36	18.02	5.00	0.1700	SCS_Type_II_2y_24h_48mm	J580
S446	0.44	26.67	5.00	0.2710	SCS_Type_II_2y_24h_48mm	J611
S447	0.65	90.96	5.00	0.3830	SCS_Type_II_2y_24h_48mm	J664
S448	0.36	25.30	5.00	1.4260	SCS_Type_II_2y_24h_48mm	J646
S45	0.12	106.36	5.00	0.1380	SCS_Type_II_2y_24h_48mm	J54
S458	0.65	35.75	5.00	0.5840	SCS_Type_II_2y_24h_48mm	J598
S46	0.31	21.33	5.00	0.1480	SCS_Type_II_2y_24h_48mm	J1210
S469	0.47	55.53	5.00	0.1340	SCS_Type_II_2y_24h_48mm	J623
S47	0.62	36.30	5.00	0.1880	SCS_Type_II_2y_24h_48mm	J59
S476	0.47	43.76	5.00	0.5100	SCS_Type_II_2y_24h_48mm	J658
S478	1.08	67.12	5.00	0.2170	SCS_Type_II_2y_24h_48mm	J712
S479	0.32	31.00	5.00	1.1100	SCS_Type_II_2y_24h_48mm	J710
S48	0.59	71.23	5.00	0.6840	SCS_Type_II_2y_24h_48mm	J75
S481	0.60	27.05	5.00	0.1950	SCS_Type_II_2y_24h_48mm	J686
S487	0.46	60.83	5.00	0.7140	SCS_Type_II_2y_24h_48mm	J693
S49	0.30	46.87	5.00	0.5050	SCS_Type_II_2y_24h_48mm	J77
S492	0.61	32.72	5.00	2.5170	SCS_Type_II_2y_24h_48mm	J686
S493	0.87	66.80	5.00	0.5230	SCS_Type_II_2y_24h_48mm	J646
S494	0.75	66.85	5.00	1.6750	SCS_Type_II_2y_24h_48mm	J673
S497	0.33	35.72	5.00	0.6640	SCS_Type_II_2y_24h_48mm	J644
S499	0.28	20.27	5.00	0.3360	SCS_Type_II_2y_24h_48mm	J686
S5	3.45	216.09	5.00	0.2320	SCS_Type_II_2y_24h_48mm	31282
S50	0.43	29.77	5.00	0.0800	SCS_Type_II_2y_24h_48mm	J56
S503	0.67	30.24	5.00	0.3080	SCS_Type_II_2y_24h_48mm	J744
S504_2	0.30	19.30	5.00	0.0140	SCS_Type_II_2y_24h_48mm	J87
S506	0.60	59.41	5.00	0.2870	SCS_Type_II_2y_24h_48mm	J748
S51	0.69	28.25	5.00	0.7750	SCS_Type_II_2y_24h_48mm	J68
S513	0.69	65.97	5.00	0.2720	SCS_Type_II_2y_24h_48mm	J718
S514_3	0.13	4.86	5.00	0.1590	SCS_Type_II_2y_24h_48mm	31616
S516	0.38	22.07	5.00	0.6130	SCS_Type_II_2y_24h_48mm	J777
S517	0.63	80.79	5.00	0.9730	SCS_Type_II_2y_24h_48mm	J668
S518	0.36	44.92	5.00	0.1290	SCS_Type_II_2y_24h_48mm	J746
S52	0.45	36.02	5.00	0.3780	SCS_Type_II_2y_24h_48mm	J77
S520	0.34	53.31	5.00	0.2730	SCS_Type_II_2y_24h_48mm	J728
S522	0.22	36.51	5.00	0.2780	SCS_Type_II_2y_24h_48mm	J712
S528	0.40	58.33	5.00	0.0840	SCS_Type_II_2y_24h_48mm	J728
S53	0.35	48.46	5.00	1.4960	SCS_Type_II_2y_24h_48mm	J1227
S536	1.11	30.22	5.00	0.3290	SCS_Type_II_2y_24h_48mm	J744
S538	0.92	164.44	5.00	1.6270	SCS_Type_II_2y_24h_48mm	J1329
S539	0.80	34.77	5.00	0.1910	SCS_Type_II_2y_24h_48mm	J761
S54	0.55	50.14	5.00	0.6790	SCS_Type_II_2y_24h_48mm	J90
S540	0.58	62.40	5.00	0.0380	SCS_Type_II_2y_24h_48mm	J779
S547	0.65	29.78	5.00	0.4320	SCS_Type_II_2y_24h_48mm	J355
S549	0.56	21.62	5.00	0.2060	SCS_Type_II_2y_24h_48mm	J777
S55	0.41	46.29	5.00	0.1270	SCS_Type_II_2y_24h_48mm	J68
S552	0.34	33.67	5.00	0.2580	SCS_Type_II_2y_24h_48mm	J757
S553	0.53	90.96	5.00	0.0930	SCS_Type_II_2y_24h_48mm	J748
S56	0.62	22.70	5.00	0.5070	SCS_Type_II_2y_24h_48mm	J109
S560	0.39	92.23	5.00	0.0100	SCS_Type_II_2y_24h_48mm	J761
S562	0.29	50.52	5.00	0.1890	SCS_Type_II_2y_24h_48mm	J761
S566	0.49	51.47	5.00	0.1060	SCS_Type_II_2y_24h_48mm	J757
S57	0.29	40.88	5.00	0.5720	SCS_Type_II_2y_24h_48mm	J1300
S58	0.38	51.30	5.00	1.9440	SCS_Type_II_2y_24h_48mm	J92
S585	0.47	19.24	5.00	0.0070	SCS_Type_II_2y_24h_48mm	J834
S59	0.41	28.95	5.00	0.2850	SCS_Type_II_2y_24h_48mm	J84
S590	0.26	21.77	5.00	0.1860	SCS_Type_II_2y_24h_48mm	J803
S594	0.74	44.78	5.00	0.0790	SCS_Type_II_2y_24h_48mm	J834
S6	0.49	14.99	5.00	0.8560	SCS_Type_II_2y_24h_48mm	J15
S60	0.77	67.67	5.00	0.6320	SCS_Type_II_2y_24h_48mm	J61
S61	1.18	43.32	5.00	0.3710	SCS_Type_II_2y_24h_48mm	J82
S617	0.35	26.68	5.00	1.9940	SCS_Type_II_2y_24h_48mm	S658
S62	0.85	34.65	5.00	0.4530	SCS_Type_II_2y_24h_48mm	J88
S627	0.40	137.88	5.00	0.0040	SCS_Type_II_2y_24h_48mm	J925
S63	0.58	37.90	5.00	0.7960	SCS_Type_II_2y_24h_48mm	J100
S634	0.54	37.24	5.00	0.4060	SCS_Type_II_2y_24h_48mm	J1334

S64	0.35	46.47	5.00	0.0670	SCS_Type_II_2y_24h_48mm	J1231
S65	1.36	57.33	5.00	0.4840	SCS_Type_II_2y_24h_48mm	J95
S658	0.75	42.70	5.00	0.5340	SCS_Type_II_2y_24h_48mm	J1334
S66	0.76	56.61	5.00	0.6060	SCS_Type_II_2y_24h_48mm	J1324
S665	0.21	22.74	5.00	0.4470	SCS_Type_II_2y_24h_48mm	31478
S67	0.47	59.11	5.00	3.5420	SCS_Type_II_2y_24h_48mm	DDJ06
S68	0.37	34.04	5.00	0.3990	SCS_Type_II_2y_24h_48mm	J84
S682_1	0.21	38.29	5.00	2.0310	SCS_Type_II_2y_24h_48mm	J964
S689	0.45	45.80	5.00	0.1490	SCS_Type_II_2y_24h_48mm	31346
S69	0.73	65.27	5.00	0.4390	SCS_Type_II_2y_24h_48mm	J126
S7	1.52	51.08	5.00	0.9010	SCS_Type_II_2y_24h_48mm	J20
S70	0.26	41.19	5.00	0.1380	SCS_Type_II_2y_24h_48mm	J84
S71	0.63	25.07	5.00	0.4700	SCS_Type_II_2y_24h_48mm	J90
S72	0.69	43.06	5.00	0.3730	SCS_Type_II_2y_24h_48mm	J102
S73	4.47	286.27	5.00	14.7780	SCS_Type_II_2y_24h_48mm	J19
S73_2	7.92	504.71	5.00	15.0970	SCS_Type_II_2y_24h_48mm	NOF1_1
S74	0.51	55.93	5.00	0.9320	SCS_Type_II_2y_24h_48mm	J92
S745	0.27	61.98	5.00	0.0740	SCS_Type_II_2y_24h_48mm	J1272
S75	0.58	50.23	5.00	0.2960	SCS_Type_II_2y_24h_48mm	J684
S76	0.21	35.04	5.00	0.2960	SCS_Type_II_2y_24h_48mm	J86
S764	0.25	52.78	5.00	0.0240	SCS_Type_II_2y_24h_48mm	J1330
S765_2	0.06	20.27	5.00	3.1850	SCS_Type_II_2y_24h_48mm	J1272
S765_4	0.37	127.84	5.00	3.1850	SCS_Type_II_2y_24h_48mm	J1272
S769	0.39	58.03	5.00	0.2960	SCS_Type_II_2y_24h_48mm	J1325
S77	0.20	12.26	5.00	7.4430	SCS_Type_II_2y_24h_48mm	J109
S78	1.15	68.18	5.00	0.4190	SCS_Type_II_2y_24h_48mm	J112
S79	0.51	59.05	5.00	0.0160	SCS_Type_II_2y_24h_48mm	J1344
S8	0.51	36.68	5.00	1.3650	SCS_Type_II_2y_24h_48mm	J20
S80	4.10	511.96	5.00	2.4150	SCS_Type_II_2y_24h_48mm	J923
S807	0.57	53.81	5.00	0.4460	SCS_Type_II_2y_24h_48mm	J36
S81	1.12	69.58	5.00	0.4370	SCS_Type_II_2y_24h_48mm	J467
S81_1	0.56	48.80	5.00	0.8680	SCS_Type_II_2y_24h_48mm	J1272
S82	0.55	120.70	5.00	1.5610	SCS_Type_II_2y_24h_48mm	J167
S83	1.80	163.32	5.00	1.1200	SCS_Type_II_2y_24h_48mm	30821
S84	0.81	68.86	5.00	0.3020	SCS_Type_II_2y_24h_48mm	J1231
S85	0.26	26.93	5.00	0.2590	SCS_Type_II_2y_24h_48mm	16677
S86	0.56	24.26	5.00	2.2080	SCS_Type_II_2y_24h_48mm	J138
S87	3.41	170.43	5.00	0.2400	SCS_Type_II_2y_24h_48mm	31294
S88	0.69	62.35	5.00	11.4780	SCS_Type_II_2y_24h_48mm	J50
S89	0.63	44.94	5.00	0.5500	SCS_Type_II_2y_24h_48mm	J138
S892_2	0.49	35.04	100.00	2.0000	SCS_Type_II_2y_24h_48mm	PDJ07
S893_2	0.59	42.19	100.00	2.0000	SCS_Type_II_2y_24h_48mm	PDJ09
S894_3	0.18	12.55	100.00	2.0000	SCS_Type_II_2y_24h_48mm	PDJ10
S896_2	0.42	30.33	100.00	2.0000	SCS_Type_II_2y_24h_48mm	PDJ06
S897_2	0.37	26.21	100.00	2.0000	SCS_Type_II_2y_24h_48mm	PDJ05
S898	0.04	181.50	100.00	1.0000	SCS_Type_II_2y_24h_48mm	PDJ05
S899	0.02	2.00	76.00	4.7010	SCS_Type_II_2y_24h_48mm	S908_3
S9	0.50	61.26	5.00	0.4600	SCS_Type_II_2y_24h_48mm	J20
S90	1.39	109.48	5.00	0.3570	SCS_Type_II_2y_24h_48mm	J576
S900	0.11	16.43	76.00	1.0000	SCS_Type_II_2y_24h_48mm	PDJ05
S901_2	0.41	29.21	100.00	2.0000	SCS_Type_II_2y_24h_48mm	PDJ04
S902	0.14	19.98	76.00	1.0000	SCS_Type_II_2y_24h_48mm	PDJ01
S903	0.17	24.79	76.00	1.0000	SCS_Type_II_2y_24h_48mm	PDJ04
S904_3	0.28	19.76	100.00	2.0000	SCS_Type_II_2y_24h_48mm	PDJ01
S905_2	0.05	8.12	100.00	1.0000	SCS_Type_II_2y_24h_48mm	POND
S908_3	0.02	24.30	100.00	1.0000	SCS_Type_II_2y_24h_48mm	POND
S91	0.41	45.63	5.00	0.4610	SCS_Type_II_2y_24h_48mm	J1273
S910_2	0.20	140.93	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ09
S911_2	0.16	114.00	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ10
S912_3	0.13	93.07	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ11
S915_2	0.17	119.21	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ06
S916_2	0.21	148.00	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ07
S92	0.85	30.67	5.00	0.2640	SCS_Type_II_2y_24h_48mm	J112
S93	1.13	83.54	5.00	0.2190	SCS_Type_II_2y_24h_48mm	J1241
S94	0.42	36.16	5.00	0.6860	SCS_Type_II_2y_24h_48mm	J660
S95	1.07	113.50	5.00	0.7160	SCS_Type_II_2y_24h_48mm	J1240
S96	0.44	48.77	5.00	0.5290	SCS_Type_II_2y_24h_48mm	J116
S97	0.34	75.41	5.00	0.0640	SCS_Type_II_2y_24h_48mm	J114
S98	0.16	52.77	5.00	0.3610	SCS_Type_II_2y_24h_48mm	J602
S99	0.63	27.75	5.00	1.1760	SCS_Type_II_2y_24h_48mm	J126

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
15017	JUNCTION	95.41	2.00	0.0	
15023	JUNCTION	95.44	2.00	0.0	
15115	JUNCTION	96.02	2.00	0.0	
15169	JUNCTION	95.50	2.00	0.0	
15183	JUNCTION	95.41	2.00	0.0	
15526	JUNCTION	95.38	1.64	0.0	
15536	JUNCTION	95.28	1.00	0.0	
16468	JUNCTION	96.22	1.61	0.0	
16472	JUNCTION	96.77	0.00	0.0	
16496	JUNCTION	96.27	1.61	0.0	
16553	JUNCTION	96.37	1.59	0.0	
16555	JUNCTION	96.79	0.00	0.0	
16576	JUNCTION	96.48	0.82	0.0	
16611	JUNCTION	96.40	0.87	0.0	
16639	JUNCTION	96.17	0.77	0.0	
16641	JUNCTION	96.41	0.00	0.0	
16677	JUNCTION	95.91	1.00	0.0	
16797	JUNCTION	96.59	0.65	0.0	
16799	JUNCTION	97.10	0.00	0.0	
16815	JUNCTION	96.69	0.47	0.0	
16874	JUNCTION	96.94	0.47	0.0	
16876	JUNCTION	97.44	0.00	0.0	
16902	JUNCTION	97.02	1.79	0.0	
17000	JUNCTION	97.23	2.00	0.0	
17050	JUNCTION	97.31	1.00	0.0	

17077	JUNCTION	97.47	1.00	0.0
17111	JUNCTION	97.14	1.22	0.0
17114	JUNCTION	98.13	0.00	0.0
17125	JUNCTION	97.51	2.00	0.0
17181	JUNCTION	97.98	2.00	0.0
17189	JUNCTION	97.80	1.70	0.0
17196	JUNCTION	98.42	0.00	0.0
17316	JUNCTION	94.85	1.65	0.0
30259	JUNCTION	92.12	2.00	0.0
30475	JUNCTION	92.85	2.00	0.0
30654	JUNCTION	93.32	2.00	0.0
30690	JUNCTION	93.24	2.00	0.0
30703	JUNCTION	92.99	2.00	0.0
30723	JUNCTION	92.98	2.00	0.0
30741	JUNCTION	92.92	2.00	0.0
30776	JUNCTION	92.69	2.00	0.0
30790	JUNCTION	93.04	2.00	0.0
30821	JUNCTION	93.18	2.00	0.0
30846	JUNCTION	93.51	1.00	0.0
30874	JUNCTION	94.14	1.00	0.0
30901	JUNCTION	95.23	1.00	0.0
30961	JUNCTION	93.78	2.00	0.0
31055	JUNCTION	93.35	1.11	0.0
31056	JUNCTION	94.36	0.00	0.0
31282	JUNCTION	93.51	1.00	0.0
31294	JUNCTION	93.58	2.00	0.0
31330	JUNCTION	93.60	1.10	0.0
31346	JUNCTION	93.59	1.00	0.0
31478	JUNCTION	93.62	2.00	0.0
31499	JUNCTION	93.63	2.00	0.0
31616	JUNCTION	93.57	3.00	0.0
31659	JUNCTION	92.82	2.18	0.0
31679	JUNCTION	93.24	2.00	0.0
31692	JUNCTION	93.17	1.58	0.0
31717	JUNCTION	93.20	1.59	0.0
31727	JUNCTION	94.43	1.28	0.0
31735	JUNCTION	94.54	1.46	0.0
33074	JUNCTION	94.51	2.00	0.0
33088	JUNCTION	94.16	2.00	0.0
33102	JUNCTION	94.13	2.00	0.0
33116	JUNCTION	94.05	1.00	0.0
33130	JUNCTION	93.93	2.00	0.0
33147	JUNCTION	93.68	2.00	0.0
33161	JUNCTION	93.57	2.00	0.0
35248	JUNCTION	96.08	2.00	0.0
35262	JUNCTION	96.12	2.00	0.0
ARDJ01	JUNCTION	97.82	1.00	0.0
ARDJ02	JUNCTION	97.78	1.00	0.0
ARDJ03	JUNCTION	97.74	1.00	0.0
ARDJ04	JUNCTION	97.54	1.00	0.0
ARDJ05	JUNCTION	97.46	1.00	0.0
ARDJ06	JUNCTION	97.28	1.00	0.0
ARDJ07	JUNCTION	97.04	1.00	0.0
ARDJ08	JUNCTION	96.98	1.00	0.0
ARDJ09	JUNCTION	96.59	1.00	0.0
ARDJ10	JUNCTION	96.33	1.00	0.0
ARDJ11	JUNCTION	96.08	1.00	0.0
ARDJ12	JUNCTION	95.85	2.00	0.0
ARDJ13	JUNCTION	95.50	2.00	0.0
ARDJ14	JUNCTION	95.36	2.00	0.0
DDJ01	JUNCTION	95.46	1.52	0.0
DDJ02	JUNCTION	95.43	1.52	0.0
DDJ03	JUNCTION	95.38	0.35	0.0
DDJ04	JUNCTION	95.33	0.35	0.0
DDJ05	JUNCTION	95.24	0.37	0.0
DDJ06	JUNCTION	95.17	0.43	0.0
J1	JUNCTION	93.70	2.00	0.0
J100	JUNCTION	98.38	1.00	0.0
J1010	JUNCTION	93.71	1.00	0.0
J102	JUNCTION	98.26	1.00	0.0
J1036	JUNCTION	93.52	1.00	0.0
J109	JUNCTION	98.35	1.00	0.0
J11	JUNCTION	95.67	1.00	0.0
J112	JUNCTION	97.54	1.00	0.0
J114	JUNCTION	97.65	1.00	0.0
J1142	JUNCTION	93.47	1.00	0.0
J116	JUNCTION	96.45	1.00	0.0
J12_1	JUNCTION	96.33	2.00	0.0
J1209	JUNCTION	94.68	1.00	0.0
J1210	JUNCTION	97.38	1.00	0.0
J1213	JUNCTION	94.80	1.00	0.0
J1216	JUNCTION	96.65	1.00	0.0
J1219	JUNCTION	96.19	1.00	0.0
J1222	JUNCTION	95.98	1.00	0.0
J1225	JUNCTION	98.24	1.00	0.0
J1227	JUNCTION	98.50	1.00	0.0
J1229	JUNCTION	97.19	1.00	0.0
J1231	JUNCTION	97.44	1.00	0.0
J1232	JUNCTION	96.81	1.00	0.0
J1233	JUNCTION	92.80	2.00	0.0
J124	JUNCTION	97.67	1.00	0.0
J1240	JUNCTION	94.71	0.79	0.0
J1241	JUNCTION	95.18	1.00	0.0
J1249	JUNCTION	94.80	1.00	0.0
J1254	JUNCTION	96.74	1.00	0.0
J1258	JUNCTION	96.16	1.00	0.0
J1259	JUNCTION	95.54	1.00	0.0
J126	JUNCTION	97.31	1.00	0.0
J1260	JUNCTION	95.53	1.00	0.0
J1268	JUNCTION	95.20	1.00	0.0
J1270	JUNCTION	94.97	1.00	0.0
J1272	JUNCTION	93.67	1.00	0.0
J1273	JUNCTION	96.83	1.00	0.0

J1276	JUNCTION	93.78	1.00	0.0
J1277	JUNCTION	97.18	1.00	0.0
J1278	JUNCTION	94.07	1.00	0.0
J1279	JUNCTION	97.46	1.00	0.0
J1280	JUNCTION	97.25	1.00	0.0
J1294	JUNCTION	97.02	1.00	0.0
J1299	JUNCTION	95.14	1.00	0.0
J13	JUNCTION	98.24	1.00	0.0
J1300	JUNCTION	97.17	1.00	0.0
J1301	JUNCTION	95.61	1.08	0.0
J1306	JUNCTION	97.52	1.00	0.0
J1308	JUNCTION	94.81	1.00	0.0
J1314	JUNCTION	95.84	1.00	0.0
J1318	JUNCTION	95.36	1.00	0.0
J1322	JUNCTION	93.95	1.00	0.0
J1324	JUNCTION	97.55	1.00	0.0
J1325	JUNCTION	93.69	1.00	0.0
J1329	JUNCTION	94.58	0.80	0.0
J1330	JUNCTION	93.53	1.00	0.0
J1331	JUNCTION	94.60	1.00	0.0
J1332	JUNCTION	95.82	1.00	0.0
J1334	JUNCTION	94.47	1.00	0.0
J1335	JUNCTION	93.14	2.00	0.0
J1338	JUNCTION	97.08	1.00	0.0
J1344	JUNCTION	96.74	1.00	0.0
J1348	JUNCTION	94.43	1.00	0.0
J135	JUNCTION	97.17	1.00	0.0
J1352	JUNCTION	93.18	1.00	0.0
J1355	JUNCTION	94.55	1.00	0.0
J138	JUNCTION	98.46	1.00	0.0
J140	JUNCTION	98.30	1.00	0.0
J142	JUNCTION	96.65	1.00	0.0
J15	JUNCTION	96.35	1.00	0.0
J153	JUNCTION	97.06	1.00	0.0
J159	JUNCTION	96.79	1.00	0.0
J161	JUNCTION	97.74	1.00	0.0
J165	JUNCTION	96.54	1.00	0.0
J167	JUNCTION	97.51	1.00	0.0
J169	JUNCTION	96.99	1.00	0.0
J17	JUNCTION	98.17	1.00	0.0
J172	JUNCTION	96.75	1.00	0.0
J18	JUNCTION	95.10	0.42	0.0
J19	JUNCTION	93.26	1.00	0.0
J199	JUNCTION	97.55	1.00	0.0
J2	JUNCTION	93.89	1.00	0.0
J20	JUNCTION	98.22	1.00	0.0
J205	JUNCTION	97.00	1.00	0.0
J209	JUNCTION	96.33	1.00	0.0
J217	JUNCTION	97.24	1.00	0.0
J219	JUNCTION	97.39	1.00	0.0
J221	JUNCTION	95.05	1.00	0.0
J225	JUNCTION	97.23	1.00	0.0
J229	JUNCTION	96.39	1.00	0.0
J23	JUNCTION	98.11	1.00	0.0
J241	JUNCTION	96.38	1.00	0.0
J254	JUNCTION	97.10	1.00	0.0
J273	JUNCTION	97.13	1.00	0.0
J275	JUNCTION	96.17	1.00	0.0
J28	JUNCTION	98.20	1.00	0.0
J283	JUNCTION	96.12	1.00	0.0
J294	JUNCTION	96.19	1.00	0.0
J299	JUNCTION	96.08	1.00	0.0
J3	JUNCTION	93.41	2.00	0.0
J30	JUNCTION	97.63	1.00	0.0
J304	JUNCTION	95.97	1.00	0.0
J319	JUNCTION	95.88	1.00	0.0
J32	JUNCTION	98.17	1.00	0.0
J329	JUNCTION	95.17	1.00	0.0
J35	JUNCTION	98.04	1.00	0.0
J355	JUNCTION	94.30	1.00	0.0
J36	JUNCTION	93.42	2.00	0.0
J360	JUNCTION	95.91	1.00	0.0
J362	JUNCTION	96.28	1.00	0.0
J37	JUNCTION	98.92	1.00	0.0
J372	JUNCTION	96.58	1.00	0.0
J384	JUNCTION	94.86	1.00	0.0
J39	JUNCTION	97.78	1.00	0.0
J392	JUNCTION	95.34	1.00	0.0
J394	JUNCTION	95.14	1.00	0.0
J396	JUNCTION	95.00	1.00	0.0
J398	JUNCTION	95.71	1.00	0.0
J41	JUNCTION	98.10	1.00	0.0
J419	JUNCTION	95.89	1.00	0.0
J43	JUNCTION	97.98	1.00	0.0
J433	JUNCTION	95.70	1.00	0.0
J443	JUNCTION	95.65	1.00	0.0
J447	JUNCTION	95.40	1.00	0.0
J449	JUNCTION	94.74	1.00	0.0
J451	JUNCTION	95.25	1.00	0.0
J453	JUNCTION	94.81	1.00	0.0
J455	JUNCTION	95.56	1.00	0.0
J458	JUNCTION	95.50	1.00	0.0
J46	JUNCTION	95.66	2.00	0.0
J462	JUNCTION	94.57	1.00	0.0
J467	JUNCTION	95.27	1.00	0.0
J47	JUNCTION	95.75	2.00	0.0
J472	JUNCTION	95.27	1.00	0.0
J475	JUNCTION	95.16	1.00	0.0
J479	JUNCTION	94.61	1.00	0.0
J48	JUNCTION	97.44	1.00	0.0
J491	JUNCTION	94.61	1.00	0.0
J50	JUNCTION	94.70	1.00	0.0
J51	JUNCTION	95.58	1.00	0.0

J52	JUNCTION	98.60	1.00	0.0
J523	JUNCTION	94.43	1.00	0.0
J525	JUNCTION	95.40	1.00	0.0
J54	JUNCTION	97.36	1.00	0.0
J55	JUNCTION	95.10	1.00	0.0
J56	JUNCTION	97.39	1.00	0.0
J562	JUNCTION	94.57	1.00	0.0
J57	JUNCTION	95.59	2.00	0.0
J576	JUNCTION	95.06	1.00	0.0
J58	JUNCTION	93.70	1.00	0.0
J580	JUNCTION	94.50	1.00	0.0
J584	JUNCTION	95.27	1.00	0.0
J59	JUNCTION	98.89	1.00	0.0
J596	JUNCTION	95.27	1.00	0.0
J598	JUNCTION	93.92	1.00	0.0
J602	JUNCTION	95.22	1.00	0.0
J61	JUNCTION	98.62	1.00	0.0
J611	JUNCTION	95.13	1.00	0.0
J623	JUNCTION	95.03	1.00	0.0
J63	JUNCTION	97.36	1.00	0.0
J633	JUNCTION	93.64	1.00	0.0
J644	JUNCTION	94.98	1.00	0.0
J646	JUNCTION	94.99	1.00	0.0
J650	JUNCTION	94.87	1.00	0.0
J658	JUNCTION	95.03	1.00	0.0
J66	JUNCTION	98.97	1.00	0.0
J660	JUNCTION	94.99	1.00	0.0
J664	JUNCTION	94.99	1.00	0.0
J668	JUNCTION	93.96	1.00	0.0
J673	JUNCTION	93.46	1.00	0.0
J676	JUNCTION	94.78	1.00	0.0
J68	JUNCTION	97.67	1.00	0.0
J684	JUNCTION	94.96	1.00	0.0
J686	JUNCTION	94.86	1.00	0.0
J693	JUNCTION	94.87	1.00	0.0
J70	JUNCTION	95.46	1.00	0.0
J703	JUNCTION	94.94	1.00	0.0
J710	JUNCTION	94.39	1.00	0.0
J712	JUNCTION	94.84	1.00	0.0
J718	JUNCTION	94.93	1.00	0.0
J72	JUNCTION	98.12	1.00	0.0
J728	JUNCTION	94.87	1.00	0.0
J744	JUNCTION	94.49	1.00	0.0
J746	JUNCTION	94.60	1.00	0.0
J748	JUNCTION	94.54	1.00	0.0
J75	JUNCTION	97.64	1.00	0.0
J757	JUNCTION	94.74	1.00	0.0
J76	JUNCTION	95.40	2.00	0.0
J761	JUNCTION	94.83	1.00	0.0
J77	JUNCTION	97.40	1.00	0.0
J777	JUNCTION	94.60	0.77	0.0
J779	JUNCTION	94.92	1.00	0.0
J797	JUNCTION	94.71	1.00	0.0
J803	JUNCTION	94.27	1.00	0.0
J81	JUNCTION	95.47	2.00	0.0
J82	JUNCTION	100.49	1.00	0.0
J834	JUNCTION	94.81	1.00	0.0
J84	JUNCTION	98.34	1.00	0.0
J86	JUNCTION	96.83	1.00	0.0
J87	JUNCTION	94.86	0.69	0.0
J88	JUNCTION	96.75	1.00	0.0
J9	JUNCTION	98.20	1.00	0.0
J9_1	JUNCTION	96.30	1.00	0.0
J90	JUNCTION	97.22	1.00	0.0
J92	JUNCTION	101.17	1.00	0.0
J923	JUNCTION	94.12	1.00	0.0
J925	JUNCTION	94.47	1.00	0.0
J929	JUNCTION	94.44	1.00	0.0
J95	JUNCTION	97.23	1.00	0.0
J954	JUNCTION	94.70	1.00	0.0
J964	JUNCTION	94.48	1.00	0.0
Mesure_point	JUNCTION	94.94	0.43	0.0
NOF1_1	JUNCTION	92.18	2.00	0.0
PDJ01	JUNCTION	96.05	2.00	0.0
PDJ02	JUNCTION	96.01	2.00	0.0
PDJ03	JUNCTION	96.00	2.00	0.0
PDJ04	JUNCTION	95.96	2.00	0.0
PDJ05	JUNCTION	95.84	2.00	0.0
PDJ06	JUNCTION	95.80	2.00	0.0
PDJ07	JUNCTION	95.82	2.00	0.0
PDJ08	JUNCTION	95.92	2.00	0.0
PDJ09	JUNCTION	95.97	1.00	0.0
PDJ10	JUNCTION	96.09	1.00	0.0
NOF1	OUTFALL	92.00	0.85	0.0
NOF2	OUTFALL	93.00	1.00	0.0
Outfall_A	OUTFALL	92.64	0.90	0.0
Outfall_B	OUTFALL	92.80	1.38	0.0
POND	STORAGE	94.40	2.50	0.0

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
AR_culvert450	J46	ARDJ14	CONDUIT	40.0	0.7305	0.0120
ARDC01	ARDJ01	ARDJ02	CONDUIT	16.7	0.2568	0.0450
ARDC02_Culvert450	ARDJ02	ARDJ03	CONDUIT	16.8	0.2562	0.0120
ARDC03	ARDJ03	ARDJ04	CONDUIT	68.5	0.2861	0.0450
ARDC04_Culvert450	ARDJ04	ARDJ05	CONDUIT	21.1	0.4077	0.0120
ARDC05	ARDJ05	ARDJ06	CONDUIT	65.1	0.2644	0.0450
ARDC06	ARDJ06	ARDJ07	CONDUIT	90.2	0.2671	0.0450
ARDC07_Culvert450	ARDJ07	ARDJ08	CONDUIT	20.8	0.2840	0.0120

ARDC08	ARDJ08	ARDJ09	CONDUIT	119.8	0.3254	0.0450
ARDC09	ARDJ09	ARDJ10	CONDUIT	95.4	0.2808	0.0450
ARDC10	ARDJ10	ARDJ11	CONDUIT	91.1	0.2690	0.0450
ARDC11	ARDJ11	ARDJ12	CONDUIT	72.4	0.3190	0.0450
ARDC12	ARDJ12	ARDJ13	CONDUIT	40.1	0.8682	0.0450
ARDC13	ARDJ13	ARDJ14	CONDUIT	10.0	1.3719	0.0450
ARDC14_Culvert600	ARDJ14	J55	CONDUIT	19.1	1.3877	0.0160
C1_1	30475	NOF1_1	CONDUIT	284.8	0.2328	0.0350
C1_2	NOF1_1	30259	CONDUIT	25.9	0.2314	0.0350
C10	16639	16677	CONDUIT	35.6	0.7273	0.0350
C103	J686	J728	CONDUIT	24.0	-0.0250	0.0350
C105	J124	J167	CONDUIT	64.6	0.2492	0.0350
C113	J602	J664	CONDUIT	130.6	0.1761	0.0350
C115	PDJ06	POND	CONDUIT	10.0	0.5600	0.0550
C116	J254	J1232	CONDUIT	74.5	0.3865	0.0350
C12_1	16553	J12_1	CONDUIT	11.9	0.2690	0.0350
C124	J159	J1254	CONDUIT	17.7	0.2819	0.0350
C128	J929	J1036	CONDUIT	368.5	0.2494	0.0350
C132	J455	J1259	CONDUIT	79.0	0.0164	0.0350
C134	J728	J757	CONDUIT	62.4	0.2147	0.0350
C137	16902	16874	CONDUIT	5.6	1.3999	0.0120
C138	J165	J275	CONDUIT	195.6	0.1907	0.0350
C142	J1233	Outfall_B	CONDUIT	23.4	0.0043	0.0350
C144	31659	J1233	CONDUIT	22.8	0.0747	0.0240
C145	J39	J56	CONDUIT	97.1	0.3946	0.0350
C147	30776	Outfall_A	CONDUIT	19.7	0.2542	0.0120
C153	J596	J1268	CONDUIT	93.5	0.0727	0.0350
C155	J360	J447	CONDUIT	74.7	0.6824	0.0350
C156	J576	J1270	CONDUIT	10.7	0.8021	0.0350
C16	J472	J467	CONDUIT	10.6	-0.0188	0.0350
C163	15526	15536	CONDUIT	15.3	0.6914	0.0190
C165	J112	J1277	CONDUIT	98.6	0.3682	0.0350
C167	J199	J1279	CONDUIT	22.3	0.3953	0.0350
C172	J167	J1280	CONDUIT	48.1	0.5506	0.0350
C176	J467	J451	CONDUIT	31.3	0.0639	0.0350
C180	J646	J710	CONDUIT	105.1	0.5736	0.0350
C186	J757	J797	CONDUIT	20.5	0.1266	0.0350
C189	J47	J46	CONDUIT	8.0	1.1776	0.0350
C190	J1232	J372	CONDUIT	84.0	0.2763	0.0350
C196	J1318	J584	CONDUIT	73.5	0.1265	0.0350
C199	J52	J1227	CONDUIT	98.1	0.1091	0.0350
C2	16797	16677	CONDUIT	179.6	0.3786	0.0350
C200	J443	J525	CONDUIT	76.4	0.3299	0.0350
C202	J451	J475	CONDUIT	42.8	0.2078	0.0350
C207	J797	J746	CONDUIT	57.7	0.1906	0.0350
C213	J803	31616	CONDUIT	115.3	0.6080	0.0350
C213_1	J15	J11	CONDUIT	315.0	0.2165	0.0350
C213_3	J11	J51	CONDUIT	39.2	0.2168	0.0350
C213_4	J51	J70	CONDUIT	57.9	0.2159	0.0350
C214	J135	J1294	CONDUIT	164.9	0.0910	0.0350
C218	16611	16576	CONDUIT	44.3	-0.1716	0.0350
C22	30901	30874	CONDUIT	54.2	2.0251	0.0350
C221	J447	J1299	CONDUIT	29.1	0.8808	0.0350
C223	J66	J61	CONDUIT	60.0	0.5849	0.0350
C225	J56	J1300	CONDUIT	143.6	0.1567	0.0350
C226	J1258	J1301	CONDUIT	221.4	0.2498	0.0350
C23	J392	J1213	CONDUIT	112.4	0.4822	0.0350
C230	16576	16553	CONDUIT	5.1	2.1968	0.0240
C231_1	17181	17189	CONDUIT	40.9	0.4333	0.0350
C231_2	17189	17125	CONDUIT	61.5	0.4700	0.0350
C233	J664	J660	CONDUIT	22.1	-0.0136	0.0350
C234	J644	J703	CONDUIT	91.3	0.0460	0.0350
C239	J20	J9	CONDUIT	8.2	0.2937	0.0350
C24	J92	J82	CONDUIT	62.2	1.0943	0.0350
C241	J114	J1306	CONDUIT	44.9	0.2987	0.0350
C245	J475	J1299	CONDUIT	20.3	0.0986	0.0350
C248	J9	J17	CONDUIT	14.7	0.1765	0.0350
C25	30874	30846	CONDUIT	54.7	1.1510	0.0350
C251	J660	J684	CONDUIT	63.7	0.0455	0.0350
C256	J17	J23	CONDUIT	134.9	0.0445	0.0350
C259	J1299	J479	CONDUIT	69.3	0.7722	0.0350
C262	J746	J748	CONDUIT	32.1	0.1872	0.0350
C263	J372	J362	CONDUIT	57.1	0.5218	0.0350
C266	J95	J153	CONDUIT	44.4	0.3826	0.0350
C267	J61	J100	CONDUIT	45.9	0.5233	0.0350
C268	J710	J668	CONDUIT	24.8	1.7126	0.0350
C27	30259	NOF1	CONDUIT	27.0	0.4586	0.0240
C27_1	30846	J36	CONDUIT	15.3	0.5820	0.0350
C27_2	J36	30821	CONDUIT	40.4	0.5845	0.0350
C271	J304	J1314	CONDUIT	27.8	0.4639	0.0350
C272	16496	16468	CONDUIT	8.0	0.5964	0.0350
C275	J748	J744	CONDUIT	58.8	0.0783	0.0350
C276	J1227	J72	CONDUIT	51.5	0.7223	0.0350
C277	17077	17050	CONDUIT	37.6	0.4203	0.0350
C279	16468	35262	CONDUIT	23.5	0.4300	0.0350
C282	J668	J673	CONDUIT	118.7	0.4205	0.0350
C283	17050	17000	CONDUIT	76.7	0.1095	0.0350
C284	J1259	J1318	CONDUIT	176.9	0.1018	0.0350
C285	J275	J1222	CONDUIT	83.5	0.2252	0.0350
C287	35262	35248	CONDUIT	39.5	0.1038	0.0350
C287_1	J684	J87	CONDUIT	51.9	0.2101	0.0350
C287_2	J87	J777	CONDUIT	122.1	0.2096	0.0350
C288	J153	J169	CONDUIT	101.2	0.0682	0.0350
C289	J703	J718	CONDUIT	71.2	0.0098	0.0350
C29	J172	J1216	CONDUIT	93.2	0.1095	0.0350
C291	J362	J419	CONDUIT	72.7	0.5409	0.0350
C292	35248	15115	CONDUIT	18.8	0.3087	0.0350
C294	J100	J109	CONDUIT	7.5	0.3741	0.0350
C296	J1260	J458	CONDUIT	65.2	0.0445	0.0350
C297_1	J479	J50	CONDUIT	70.5	-0.1390	0.0350
C299	15115	J47	CONDUIT	33.8	0.8018	0.0350
C3	J1272	J36	CONDUIT	173.2	0.1472	0.0350
C30	J433	J455	CONDUIT	88.3	0.1642	0.0350

C300	J109	J1306	CONDUIT	162.7	0.5115	0.0350
C305	J1142	J1335	CONDUIT	320.6	0.1029	0.0350
C308	J744	J668	CONDUIT	216.6	0.2461	0.0350
C309	J72	J1324	CONDUIT	157.3	0.3656	0.0350
C31	J59	J52	CONDUIT	170.0	0.1706	0.0350
C310_1	J57	ARDJ14	CONDUIT	5.9	3.7750	0.0350
C310_2	J57	15169	CONDUIT	36.0	0.2473	0.0350
C311	J1276	J1325	CONDUIT	48.9	0.1819	0.0350
C313	J138	J140	CONDUIT	65.9	0.2427	0.0350
C314	15169	15183	CONDUIT	50.0	0.1880	0.0350
C319	J23	J28	CONDUIT	38.4	-0.2345	0.0350
C32	J41	J39	CONDUIT	96.9	0.3335	0.0350
C320	J718	J779	CONDUIT	66.7	0.0150	0.0350
C322	15183	15017	CONDUIT	36.2	0.0028	0.0350
C324	J1222	J319	CONDUIT	115.7	0.0873	0.0350
C326	17000	16902	CONDUIT	87.9	0.2390	0.0350
C327	J419	J1314	CONDUIT	38.2	0.1177	0.0350
C329	15017	15023	CONDUIT	34.9	-0.0945	0.0350
C33	30821	30790	CONDUIT	55.2	0.2537	0.0350
C331	J28	J35	CONDUIT	65.0	0.2493	0.0350
C333	15023	15526	CONDUIT	24.1	0.2320	0.0350
C334	16611	16639	CONDUIT	11.1	2.0641	0.0240
C335	J140	J1279	CONDUIT	200.2	0.4221	0.0350
C34	30790	30776	CONDUIT	23.1	1.5402	0.0350
C340	J1314	J525	CONDUIT	202.0	0.2198	0.0350
C341	J779	J761	CONDUIT	57.7	0.1524	0.0350
C346	15536	17316	CONDUIT	112.5	0.3759	0.0350
C35	30741	30776	CONDUIT	19.4	1.1910	0.0350
C350	17316	31735	CONDUIT	118.7	0.2645	0.0350
C352	J35	J32	CONDUIT	9.3	-1.4792	0.0350
C353	J954	J58	CONDUIT	126.4	0.7889	0.0350
C355	J777	J1329	CONDUIT	48.6	0.0412	0.0350
C356	J1036	J1330	CONDUIT	47.9	-0.0250	0.0350
C359	J1306	J1280	CONDUIT	43.7	0.6269	0.0350
C36	30723	30741	CONDUIT	28.5	0.2070	0.0350
C361	31735	31727	CONDUIT	11.7	0.9578	0.0240
C363	J761	J834	CONDUIT	43.2	0.0625	0.0350
C365	31727	33074	CONDUIT	14.5	-0.5948	0.0350
C367	J319	J1332	CONDUIT	57.5	0.0940	0.0350
C371	33074	33088	CONDUIT	30.4	1.1563	0.0350
C372	J58	31330	CONDUIT	37.6	0.2736	0.0120
C374	J1225	J75	CONDUIT	164.7	0.3618	0.0350
C375	J1280	J1277	CONDUIT	58.8	0.1139	0.0350
C376	J834	J1308	CONDUIT	244.3	-0.0016	0.0350
C377	33088	33102	CONDUIT	25.6	0.1131	0.0350
C378	33102	33116	CONDUIT	31.3	0.2783	0.0350
C379	33116	33130	CONDUIT	27.1	0.4249	0.0350
C38	J116	J1219	CONDUIT	10.0	2.6774	0.0350
C381_1	33130	J3	CONDUIT	11.1	4.7154	0.0350
C381_2	J3	33147	CONDUIT	16.2	-1.7235	0.0350
C384	33147	33161	CONDUIT	27.9	0.4163	0.0350
C385	33161	31717	CONDUIT	26.9	1.3818	0.0350
C388	31717	31692	CONDUIT	15.9	0.1444	0.0140
C391	J1277	J1338	CONDUIT	84.4	0.1173	0.0350
C397	31692	31679	CONDUIT	21.3	-0.3187	0.0350
C398	31679	31659	CONDUIT	22.3	1.9102	0.0350
C399	J525	J1318	CONDUIT	37.1	0.1024	0.0350
C4	J30	J48	CONDUIT	54.3	0.3517	0.0350
C401	J70	J221	CONDUIT	218.5	0.1858	0.0350
C403	J77	J63	CONDUIT	28.6	0.1260	0.0350
C405	31616	31659	CONDUIT	76.1	0.9875	0.0350
C407	J1	31499	CONDUIT	201.6	0.0342	0.0350
C408	J63	J1210	CONDUIT	9.2	-0.1746	0.0350
C409	J219	J1229	CONDUIT	160.5	0.1271	0.0350
C41	J623	J658	CONDUIT	38.5	0.0104	0.0350
C413	J1210	J1300	CONDUIT	146.5	0.1433	0.0350
C416	J75	J1324	CONDUIT	8.6	1.0602	0.0350
C42	30703	30723	CONDUIT	43.3	0.0416	0.0350
C420	J584	J1268	CONDUIT	57.6	0.1145	0.0350
C423	J1324	J1231	CONDUIT	121.4	0.0898	0.0350
C425	31499	31478	CONDUIT	43.7	0.0252	0.0350
C429	J1268	J650	CONDUIT	170.6	0.1976	0.0350
C43	30690	30703	CONDUIT	29.0	0.8334	0.0350
C432	J1231	J126	CONDUIT	69.2	0.1865	0.0350
C433	J1300	J90	CONDUIT	15.7	-0.3309	0.0350
C437	J90	J86	CONDUIT	49.0	0.8066	0.0350
C439_1	J221	J55	CONDUIT	33.7	-0.1366	0.0350
C439_2	J55	J491	CONDUIT	329.0	0.1477	0.0350
C44	J299	J1222	CONDUIT	169.4	0.0602	0.0350
C444_2	J18	Mesure_point	CONDUIT	61.3	0.2544	0.0350
C445	J86	J1344	CONDUIT	49.8	0.1686	0.0350
C447	J126	J1273	CONDUIT	137.8	0.3469	0.0350
C448	J1229	J1338	CONDUIT	136.9	0.0789	0.0350
C451	Mesure_point	J87	CONDUIT	108.7	0.0819	0.0350
C452	J650	J693	CONDUIT	35.5	-0.0169	0.0350
C455	J693	J712	CONDUIT	23.2	0.1381	0.0350
C457	31478	31330	CONDUIT	225.2	0.0089	0.0350
C460	J712	J676	CONDUIT	46.8	0.1326	0.0350
C465	J1273	J1344	CONDUIT	68.6	0.1312	0.0350
C466	J1338	J205	CONDUIT	174.8	0.0463	0.0350
C468	J676	J1240	CONDUIT	23.3	0.3092	0.0350
C469	J1240	J1329	CONDUIT	63.2	0.2009	0.0350
C47	30654	30690	CONDUIT	70.5	0.1233	0.0350
C472	J1344	J88	CONDUIT	142.2	-0.0035	0.0350
C474	31330	31346	CONDUIT	36.9	0.0271	0.0350
C475	J205	J1294	CONDUIT	25.2	-0.0913	0.0350
C478	J1329	J1348	CONDUIT	125.9	0.1167	0.0350
C481	J1294	J169	CONDUIT	27.9	0.1073	0.0350
C485	J491	J523	CONDUIT	50.8	0.3660	0.0350
C486	J88	J142	CONDUIT	18.7	0.5147	0.0350
C49	J43	J1225	CONDUIT	12.8	-1.9963	0.0350
C490	J142	J1219	CONDUIT	100.9	0.4598	0.0350
C491	J523	J1233	CONDUIT	337.4	0.4825	0.0350

C493	31346	31282	CONDUIT	156.7	0.0511	0.0350
C498	J1254	J1216	CONDUIT	72.5	0.1201	0.0350
C499	J1219	16677	CONDUIT	42.0	0.6518	0.0350
C5	J611	J1209	CONDUIT	62.0	0.7244	0.0350
C50	30654	J1335	CONDUIT	121.8	0.1461	0.0350
C505	J1216	J209	CONDUIT	128.5	0.2467	0.0350
C507	J1348	J1278	CONDUIT	181.7	0.2015	0.0350
C513	J209	J294	CONDUIT	65.6	0.2120	0.0350
C514	31282	31294	CONDUIT	41.6	-0.1708	0.0350
C517	J1278	J1010	CONDUIT	133.2	0.2702	0.0350
C518	J294	J283	CONDUIT	24.1	0.3107	0.0350
C52	J13	J20	CONDUIT	22.1	0.1043	0.0350
C520	J355	J1233	CONDUIT	30.8	4.8731	0.0350
C521	J229	J241	CONDUIT	36.2	0.0221	0.0350
C522	J283	J1332	CONDUIT	151.9	0.1943	0.0350
C524	J925	J355	CONDUIT	346.5	0.0499	0.0350
C525	31294	31055	CONDUIT	159.2	0.1445	0.0350
C525_3	J241	15115	CONDUIT	120.9	0.2986	0.0350
C528	J1010	J1352	CONDUIT	245.2	0.2141	0.0350
C53	J37	J1227	CONDUIT	132.8	0.3194	0.0350
C530	J1332	J398	CONDUIT	130.9	0.0871	0.0350
C535	J398	J1301	CONDUIT	8.5	1.2133	0.0350
C537_2	J76	J1241	CONDUIT	159.7	0.2029	0.0350
C537_3	J1301	J81	CONDUIT	26.5	0.1357	0.0350
C540	J329	J394	CONDUIT	17.4	0.1777	0.0350
C541	J1334	J925	CONDUIT	28.7	0.0035	0.0350
C542	J394	J396	CONDUIT	51.8	0.2647	0.0350
C543	J964	J1334	CONDUIT	67.3	0.0104	0.0350
C545	J396	J384	CONDUIT	58.0	0.2484	0.0350
C546	J954	J964	CONDUIT	50.0	0.4380	0.0350
C547	J384	J1213	CONDUIT	40.6	0.1355	0.0350
C548	J1241	J1270	CONDUIT	28.0	0.7390	0.0350
C550	J1213	J453	CONDUIT	19.9	-0.0604	0.0350
C551	J1270	J1249	CONDUIT	150.5	0.1156	0.0350
C552	J453	J449	CONDUIT	9.4	0.7965	0.0350
C553_1	J449	J50	CONDUIT	32.2	0.1024	0.0350
C553_2	J50	J1331	CONDUIT	108.2	0.1007	0.0350
C555	J1331	J462	CONDUIT	49.6	0.0524	0.0350
C556	J462	J1355	CONDUIT	43.5	0.0575	0.0350
C557	J1209	J562	CONDUIT	108.0	0.1019	0.0350
C558	J562	J1355	CONDUIT	189.0	0.0138	0.0350
C559	J1355	J598	CONDUIT	87.6	0.7167	0.0350
C560_1	J598	J2	CONDUIT	13.0	0.2377	0.0120
C560_2	J2	J633	CONDUIT	98.1	0.2538	0.0350
C561	J633	J673	CONDUIT	40.8	0.4292	0.0350
C562	J673	J3	CONDUIT	29.6	0.1926	0.0350
C569	J1322	31346	CONDUIT	69.3	0.5197	0.0350
C57	J84	J102	CONDUIT	20.6	0.4071	0.0350
C575	30961	31055	CONDUIT	169.9	0.2542	0.0350
C58	J217	J1229	CONDUIT	40.4	0.1311	0.0350
C580	30901	30961	CONDUIT	90.0	1.6128	0.0350
C584	J1325	J1272	CONDUIT	33.4	0.0539	0.0350
C586	J1330	J1352	CONDUIT	79.4	0.4380	0.0350
C587_1	J1352	30776	CONDUIT	224.6	0.2204	0.0350
C6	J54	J1210	CONDUIT	12.9	-0.1242	0.0350
C60	J68	J1231	CONDUIT	89.0	0.2528	0.0350
C600	J48	17050	CONDUIT	61.5	0.2050	0.0350
C614_2	J19	30475	CONDUIT	212.7	0.1933	0.0350
C615	J32	J1225	CONDUIT	57.5	-0.1062	0.0350
C617	J1279	J219	CONDUIT	40.0	0.1675	0.0350
C62	J273	J1232	CONDUIT	123.2	0.2598	0.0350
C621	J923	31294	CONDUIT	237.9	0.2282	0.0350
C622	J169	J1254	CONDUIT	160.5	0.1583	0.0350
C624	J1249	J1209	CONDUIT	105.0	0.1124	0.0350
C63_1	J1	31616	CONDUIT	9.5	1.3863	0.0350
C66	J580	J1233	CONDUIT	194.6	0.8726	0.0350
C7	J1308	J929	CONDUIT	235.9	0.1581	0.0100
C7_1	17125	17111	CONDUIT	14.6	2.5439	0.0350
C7_2	17111	17077	CONDUIT	47.5	-0.6968	0.0350
C70	31055	NOF2	CONDUIT	20.1	1.7506	0.0120
C72	J458	DDJ01	CONDUIT	34.4	0.1046	0.0350
C78	J1335	30475	CONDUIT	214.4	0.1390	0.0350
C80	16815	16797	CONDUIT	9.4	1.0485	0.0120
C81	16874	16815	CONDUIT	28.8	0.8578	0.0350
C82	J102	J114	CONDUIT	159.9	0.3771	0.0350
C85	J658	J646	CONDUIT	97.6	0.0389	0.0350
C88	J161	J199	CONDUIT	63.0	0.3094	0.0350
C9	J225	J217	CONDUIT	38.2	-0.0288	0.0350
C9_1	J12_1	J9_1	CONDUIT	50.0	0.0640	0.0350
C9_2	J9_1	16496	CONDUIT	11.9	0.2691	0.0350
C93	16677	J11	CONDUIT	14.1	1.7250	0.0240
C96	J82	J138	CONDUIT	272.6	0.7451	0.0350
DDC01_CULVERT_600	DDJ01	DDJ02	CONDUIT	28.8	0.1147	0.0190
DDC02	DDJ02	DDJ03	CONDUIT	28.8	0.1772	0.0350
DDC03	DDJ03	DDJ04	CONDUIT	31.6	0.1551	0.0350
DDC04	DDJ04	DDJ05	CONDUIT	74.7	0.1204	0.0350
DDC05	DDJ05	DDJ06	CONDUIT	70.5	0.0965	0.0350
DDC06	DDJ06	Mesure_point	CONDUIT	230.2	0.0995	0.0350
MD_AR_Culvert700mm	J81	J76	CONDUIT	27.7	0.2422	0.0180
PDC01	PDJ01	PDJ02	CONDUIT	6.5	0.6182	0.0450
PDC02_CULVERT450	PDJ02	PDJ03	CONDUIT	12.3	0.0813	0.0120
PDC03	PDJ03	PDJ04	CONDUIT	11.4	0.3687	0.0450
PDC04	PDJ04	PDJ05	CONDUIT	31.5	0.3651	0.0450
PDC05	PDJ05	PDJ06	CONDUIT	7.7	0.5465	0.0450
PDC06	PDJ07	PDJ06	CONDUIT	40.4	0.0494	0.0450
PDC07	PDJ08	PDJ07	CONDUIT	33.5	0.3017	0.0450
PDC08_CULVERT450	PDJ09	PDJ08	CONDUIT	17.3	0.3004	0.0120
PDC09	PDJ10	PDJ09	CONDUIT	28.5	0.3931	0.0450
P1	POND	ARDJ01	TYPE3 PUMP			
P2	POND	J18	TYPE3 PUMP			

Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
AR_culvert450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.26
ARDC01	TRAPEZOIDAL	0.75	1.73	0.42	3.80	1	1.08
ARDC02_Culvert450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.16
ARDC03	TRAPEZOIDAL	0.75	1.73	0.42	3.80	1	1.14
ARDC04_Culvert450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.20
ARDC05	TRAPEZOIDAL	0.75	1.73	0.42	3.80	1	1.10
ARDC06	TRAPEZOIDAL	0.85	2.12	0.46	4.20	1	1.46
ARDC07_Culvert450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.16
ARDC08	TRAPEZOIDAL	0.86	2.15	0.47	4.23	1	1.64
ARDC09	TRAPEZOIDAL	0.90	2.34	0.48	4.40	1	1.70
ARDC10	TRAPEZOIDAL	0.95	2.56	0.51	4.60	1	1.88
ARDC11	TRAPEZOIDAL	1.00	2.80	0.53	4.80	1	2.31
ARDC12	TRAPEZOIDAL	1.15	3.58	0.60	5.41	1	5.27
ARDC13	TRAPEZOIDAL	1.48	5.88	0.77	6.93	1	12.87
ARDC14_Culvert600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.59
C1_1	T-C123	1.42	15.36	0.74	20.06	1	17.36
C1_2	T-C123	1.42	15.36	0.74	20.06	1	17.31
C10	T-C10	0.77	5.02	0.50	10.00	1	7.66
C103	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.50
C105	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.82
C113	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.98
C115	TRAPEZOIDAL	1.25	4.39	0.67	6.01	1	4.56
C116	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.90
C12_1	T-C249	1.59	13.94	0.60	23.00	1	14.67
C124	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	9.38
C128	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.74
C132	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.22
C134	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.39
C137	CIRCULAR	0.45	0.16	0.11	0.45	1	0.37
C138	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	7.72
C142	T-C142	1.38	13.82	0.67	20.00	1	1.97
C144	CIRCULAR	1.40	1.54	0.35	1.40	1	0.87
C145	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.96
C147	CIRCULAR	0.90	0.64	0.23	0.90	1	0.99
C153	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.56
C155	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.83
C156	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.49
C16	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.30
C163	CIRCULAR	0.45	0.16	0.11	0.45	1	0.16
C165	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	10.72
C167	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	11.11
C172	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	13.11
C176	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.40
C180	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.18
C186	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.37
C189	TRAPEZOIDAL	2.00	14.00	1.31	9.00	1	52.07
C190	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.99
C196	TRAPEZOIDAL	1.00	2.50	0.50	4.50	1	1.61
C199	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.13
C2	T-C2	0.65	4.00	0.40	10.00	1	3.79
C200	TRAPEZOIDAL	1.00	2.50	0.50	4.50	1	2.59
C202	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.32
C207	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.14
C213	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.39
C213_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.41
C213_3	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.42
C213_4	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.41
C214	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.33
C218	T-C218	0.82	3.77	0.37	10.00	1	2.30
C22	T-C22	0.73	4.30	0.43	10.01	1	9.91
C221	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.90
C223	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	13.51
C225	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.75
C226	TRAPEZOIDAL	1.00	7.50	0.64	11.50	1	7.94
C23	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.59
C230	CIRCULAR	0.60	0.28	0.15	0.60	1	0.49
C231_1	T-C231_1	1.56	20.53	0.68	30.00	1	29.74
C231_2	T-C231_2	1.70	13.84	0.52	27.00	1	17.53
C233	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.11
C234	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.03
C239	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.14
C24	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	18.49
C241	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	9.66
C245	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.98
C248	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.98
C25	T-C25	0.68	4.74	0.47	10.00	1	8.79
C251	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.02
C256	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.00
C259	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.33
C262	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.10
C263	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.85
C266	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	10.93
C267	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	12.78
C268	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	12.41
C27	CIRCULAR	0.85	0.57	0.21	0.85	2	0.57
C27_1	T-C27	0.45	2.91	0.36	8.00	1	3.22
C27_2	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	72.43
C271	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.46
C272	T-C272	1.61	13.00	0.61	28.13	1	20.68
C275	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.65
C276	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.06
C277	T-C277	0.44	1.73	0.17	10.01	1	0.98
C279	T-C279	1.50	12.03	0.56	20.89	1	15.32
C282	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.15
C283	T-C283	0.38	1.47	0.14	10.00	1	0.38
C284	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C285	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.38
C287	T-C287	1.59	16.12	0.66	23.02	1	11.20

C287_1	TRAPEZOIDAL	0.50	1.52	0.29	5.02	1	0.88
C287_2	TRAPEZOIDAL	0.69	2.61	0.39	6.54	1	1.82
C288	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	4.62
C289	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.94
C29	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.85
C291	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.98
C292	T-C292	1.68	15.29	0.63	22.48	1	17.89
C294	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	10.81
C296	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.00
C297_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.54
C299	T-C299	1.57	22.16	0.67	32.67	1	43.21
C3	TRAPEZOIDAL	0.50	1.25	0.27	4.50	1	0.57
C30	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.84
C300	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	12.64
C305	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.04
C308	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.70
C309	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.73
C31	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.92
C310_1	TRAPEZOIDAL	0.60	0.96	0.36	2.20	1	2.68
C310_2	T-C310	1.92	35.16	0.85	40.12	1	44.70
C311	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.04
C313	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.71
C314	T-C314	1.75	38.59	0.94	40.00	1	45.90
C319	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.59
C32	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.48
C320	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.16
C322	T-C322	1.57	38.31	0.91	40.00	1	5.40
C324	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.22
C326	T-C326	1.79	20.22	0.68	29.07	1	21.94
C327	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.25
C329	T-C329	1.90	36.27	0.87	40.03	1	29.01
C33	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	47.72
C331	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.74
C333	T-C333	1.64	25.80	0.61	40.01	1	25.58
C334	CIRCULAR	0.60	0.28	0.15	0.60	1	0.48
C335	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	11.48
C34	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	117.57
C340	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.45
C341	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.70
C346	T-C346	0.94	3.32	0.51	6.00	1	3.70
C35	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	103.39
C350	T-C350	1.14	8.76	0.65	12.75	1	9.66
C352	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	11.53
C353	T-C353	0.60	3.47	0.39	8.41	1	4.66
C355	TRAPEZOIDAL	0.77	3.13	0.43	7.15	1	1.03
C356	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.50
C359	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	13.99
C36	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	43.10
C361	CIRCULAR	0.40	0.13	0.10	0.40	1	0.11
C363	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.37
C365	T-C365	1.28	33.57	0.87	40.01	1	67.39
C367	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.42
C371	T-C371	1.18	31.19	0.78	40.00	1	81.49
C372	CIRCULAR	1.00	0.79	0.25	1.00	1	1.36
C374	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.70
C375	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.96
C376	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.38
C377	T-C377	1.19	26.61	0.65	40.00	1	19.26
C378	T-C378	0.41	6.39	0.29	22.00	1	4.21
C379	T-C379	0.32	3.68	0.17	22.05	1	2.07
C38	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	15.52
C381_1	T-C381	1.11	23.40	0.65	38.03	1	108.89
C381_2	T-C381	1.11	23.40	0.65	38.03	1	65.83
C384	T-C384	1.18	22.73	0.66	38.06	1	31.67
C385	T-C385	1.26	18.16	0.51	38.03	1	38.95
C388	CIRCULAR	1.25	1.23	0.31	1.25	1	1.53
C391	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	6.05
C397	T-C397	1.58	20.56	0.50	40.00	1	20.97
C398	T-C398	1.67	25.49	0.69	39.11	1	78.78
C399	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C4	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.62
C401	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.09
C403	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.37
C405	T-C405	2.18	24.99	0.70	37.63	1	55.68
C407	T-C407	1.30	22.49	0.63	38.08	1	8.69
C408	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.96
C409	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	6.30
C41	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.97
C413	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.59
C416	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	9.76
C42	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	19.32
C420	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.21
C423	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.84
C425	T-C425	1.05	22.96	0.56	40.01	1	7.04
C429	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.22
C43	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	86.49
C432	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.10
C433	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.46
C437	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.52
C439_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.50
C439_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.64
C44	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	4.34
C444_2	TRAPEZOIDAL	0.42	1.15	0.25	4.40	1	0.66
C445	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.89
C447	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.59
C448	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	4.96
C451	TRAPEZOIDAL	0.43	1.19	0.26	4.47	1	0.39
C452	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.23
C455	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.52
C457	T-C457	0.34	1.24	0.20	6.00	1	0.11
C460	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.45
C465	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.44
C466	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	3.80

C468	TRAPEZOIDAL	0.79	3.27	0.44	7.30	1	2.99
C469	TRAPEZOIDAL	0.78	3.24	0.43	7.27	1	2.38
C47	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	33.27
C472	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.56
C474	T-C474	0.68	8.08	0.40	19.98	1	2.07
C475	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.34
C478	TRAPEZOIDAL	0.80	3.37	0.44	7.42	1	1.92
C481	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.79
C485	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.74
C486	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.80
C49	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	13.40
C490	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.43
C491	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.59
C493	T-C493	0.76	4.30	0.42	10.01	1	1.57
C498	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	6.12
C499	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.66
C5	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.07
C50	T-C50	0.58	4.79	0.39	12.00	1	2.81
C505	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.78
C507	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.26
C513	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.14
C514	T-C514	0.53	3.25	0.32	10.00	1	1.80
C517	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.93
C518	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	9.85
C52	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.06
C520	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	20.94
C521	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.41
C522	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	7.79
C524	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.12
C525	T-C525	1.10	11.72	0.65	18.00	1	9.51
C525_3	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.18
C528	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.39
C53	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.36
C530	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.21
C535	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	19.46
C537_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.27
C537_3	TRAPEZOIDAL	1.00	8.00	0.65	12.00	1	6.34
C540	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.00
C541	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.56
C542	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.88
C543	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.97
C545	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.73
C546	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.28
C547	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.49
C548	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.15
C550	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.33
C551	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.22
C552	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.46
C553_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C553_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.01
C555	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.17
C556	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.27
C557	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C558	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.11
C559	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.03
C560_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	13.49
C560_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.78
C561	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.21
C562	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.16
C569	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.84
C57	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	11.27
C575	T-C575	1.11	13.28	0.66	20.03	1	14.46
C58	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	6.40
C580	T-C580	0.92	10.71	0.59	18.01	1	27.35
C584	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.20
C586	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.28
C587_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.45
C6	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.34
C60	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.77
C600	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.29
C614_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.17
C615	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.09
C617	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	7.23
C62	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.83
C621	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.53
C622	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	7.03
C624	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.18
C63_1	T-C63	1.16	20.37	0.53	37.78	1	44.87
C66	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.86
C7	TRAPEZOIDAL	0.50	1.25	0.27	4.50	1	2.08
C7_1	T-C7_1	1.22	5.82	0.57	9.87	1	18.30
C7_2	T-C7_2	0.93	5.11	0.49	10.13	1	7.62
C70	CIRCULAR	1.00	0.79	0.25	1.00	1	3.44
C72	TRAPEZOIDAL	0.50	0.75	0.27	2.50	1	0.29
C78	T-C78	1.15	14.17	0.71	19.25	1	12.05
C80	CIRCULAR	0.40	0.13	0.10	0.40	1	0.23
C81	T-C81	0.47	2.57	0.25	10.00	1	2.72
C82	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	10.85
C85	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.87
C88	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	9.83
C9	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	3.00
C9_1	12	0.87	5.69	0.56	10.03	1	2.79
C9_2	9	0.82	4.30	0.42	10.02	1	3.58
C93	CIRCULAR	0.90	0.64	0.23	0.90	1	1.29
C96	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	15.25
DDC01_CULVERT_600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.14
DDC02	TRAPEZOIDAL	0.34	1.24	0.23	5.37	1	0.56
DDC03	TRAPEZOIDAL	0.35	1.33	0.24	5.54	1	0.58
DDC04	TRAPEZOIDAL	0.35	1.31	0.24	5.49	1	0.49
DDC05	TRAPEZOIDAL	0.37	1.42	0.25	5.70	1	0.50
DDC06	TRAPEZOIDAL	0.43	1.76	0.28	6.26	1	0.67
MD_AR_Culvert700mm	FILLED_CIRCULAR	0.60	0.35	0.16	0.70	1	0.28
PDC01	TRAPEZOIDAL	1.04	3.21	0.57	5.16	1	3.84

PDC02_CULVERT450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.09
PDC03	TRAPEZOIDAL	1.08	3.41	0.59	5.32	1	3.22
PDC04	TRAPEZOIDAL	1.09	3.48	0.59	5.37	1	3.29
PDC05	TRAPEZOIDAL	1.21	4.13	0.64	5.83	1	5.06
PDC06	TRAPEZOIDAL	1.22	4.21	0.65	5.89	1	1.57
PDC07	TRAPEZOIDAL	1.13	3.67	0.61	5.51	1	3.21
PDC08_CULVERT450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.17
PDC09	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	2.80

Transect Summary

Transect 1093

Area:

0.0002	0.0008	0.0018	0.0031	0.0049
0.0070	0.0095	0.0148	0.0238	0.0379
0.0545	0.0723	0.0913	0.1114	0.1319
0.1525	0.1733	0.1943	0.2155	0.2370
0.2587	0.2806	0.3027	0.3251	0.3478
0.3706	0.3937	0.4171	0.4406	0.4645
0.4885	0.5128	0.5374	0.5623	0.5874
0.6129	0.6385	0.6645	0.6907	0.7172
0.7440	0.7711	0.7985	0.8262	0.8543
0.8828	0.9116	0.9407	0.9702	1.0000

Hrad:

0.0149	0.0298	0.0447	0.0596	0.0744
0.0893	0.1042	0.0987	0.0942	0.0937
0.1086	0.1268	0.1460	0.1640	0.1926
0.2209	0.2489	0.2765	0.3033	0.3298
0.3560	0.3820	0.4078	0.4334	0.4587
0.4838	0.5087	0.5334	0.5579	0.5823
0.6058	0.6289	0.6518	0.6745	0.6970
0.7194	0.7416	0.7637	0.7857	0.8074
0.8291	0.8491	0.8683	0.8874	0.9064
0.9253	0.9441	0.9628	0.9814	1.0000

Width:

0.0130	0.0260	0.0389	0.0519	0.0649
0.0779	0.0908	0.2513	0.3739	0.5354
0.5744	0.6135	0.6525	0.6798	0.6855
0.6912	0.6968	0.7033	0.7112	0.7190
0.7269	0.7348	0.7427	0.7505	0.7584
0.7663	0.7742	0.7820	0.7899	0.7978
0.8065	0.8156	0.8247	0.8337	0.8428
0.8519	0.8610	0.8701	0.8792	0.8883
0.8973	0.9081	0.9196	0.9311	0.9426
0.9540	0.9655	0.9770	0.9885	1.0000

Transect 1094

Area:

0.0002	0.0007	0.0015	0.0026	0.0041
0.0059	0.0080	0.0104	0.0132	0.0163
0.0197	0.0249	0.0364	0.0524	0.0709
0.0905	0.1113	0.1332	0.1557	0.1784
0.2012	0.2242	0.2473	0.2706	0.2942
0.3183	0.3427	0.3675	0.3926	0.4181
0.4440	0.4703	0.4969	0.5238	0.5510
0.5785	0.6063	0.6345	0.6629	0.6916
0.7207	0.7501	0.7797	0.8098	0.8403
0.8713	0.9028	0.9347	0.9671	1.0000

Hrad:

0.0163	0.0326	0.0489	0.0652	0.0815
0.0978	0.1141	0.1304	0.1466	0.1629
0.1792	0.1811	0.1585	0.1493	0.1580
0.1733	0.1912	0.1965	0.2282	0.2598
0.2911	0.3223	0.3532	0.3813	0.4082
0.4349	0.4612	0.4872	0.5130	0.5385
0.5638	0.5888	0.6147	0.6407	0.6664
0.6920	0.7173	0.7425	0.7674	0.7922
0.8168	0.8413	0.8654	0.8849	0.9043
0.9236	0.9428	0.9619	0.9810	1.0000

Width:

0.0099	0.0197	0.0296	0.0394	0.0493
0.0591	0.0690	0.0789	0.0887	0.0986
0.1084	0.2688	0.4216	0.5409	0.5755
0.6100	0.6445	0.6781	0.6824	0.6867
0.6910	0.6953	0.6996	0.7092	0.7203
0.7315	0.7426	0.7538	0.7649	0.7761
0.7872	0.7984	0.8079	0.8172	0.8264
0.8357	0.8449	0.8542	0.8635	0.8727
0.8820	0.8912	0.9006	0.9148	0.9290
0.9432	0.9574	0.9716	0.9858	1.0000

Transect 1095

Area:

0.0002	0.0007	0.0017	0.0029	0.0046
0.0066	0.0090	0.0117	0.0149	0.0183
0.0222	0.0274	0.0402	0.0575	0.0763
0.0961	0.1170	0.1390	0.1619	0.1852
0.2088	0.2325	0.2565	0.2807	0.3051
0.3297	0.3545	0.3795	0.4048	0.4302
0.4559	0.4818	0.5080	0.5344	0.5611
0.5881	0.6154	0.6429	0.6708	0.6989
0.7273	0.7559	0.7849	0.8141	0.8439
0.8741	0.9048	0.9361	0.9678	1.0000

Hrad:

0.0161	0.0321	0.0482	0.0643	0.0803
0.0964	0.1125	0.1285	0.1446	0.1606
0.1767	0.1834	0.1576	0.1518	0.1616
0.1772	0.1952	0.2142	0.2266	0.2568
0.2868	0.3166	0.3461	0.3753	0.4043
0.4331	0.4617	0.4901	0.5182	0.5462

	0.5740	0.6014	0.6273	0.6529	0.6784
	0.7037	0.7288	0.7537	0.7785	0.8031
	0.8275	0.8517	0.8758	0.8965	0.9138
	0.9311	0.9484	0.9656	0.9828	1.0000
Width:					
	0.0113	0.0226	0.0339	0.0452	0.0565
	0.0678	0.0791	0.0904	0.1017	0.1130
	0.1243	0.2659	0.4963	0.5626	0.5947
	0.6269	0.6592	0.6920	0.7149	0.7215
	0.7281	0.7347	0.7413	0.7480	0.7546
	0.7612	0.7678	0.7744	0.7810	0.7876
	0.7942	0.8010	0.8096	0.8183	0.8269
	0.8355	0.8441	0.8527	0.8614	0.8700
	0.8786	0.8872	0.8958	0.9078	0.9232
	0.9386	0.9539	0.9693	0.9846	1.0000
Transect 1096					
Area:					
	0.0002	0.0008	0.0017	0.0030	0.0047
	0.0068	0.0092	0.0121	0.0153	0.0188
	0.0228	0.0290	0.0415	0.0602	0.0799
	0.1007	0.1225	0.1452	0.1681	0.1912
	0.2145	0.2380	0.2617	0.2856	0.3097
	0.3340	0.3584	0.3831	0.4080	0.4331
	0.4583	0.4838	0.5095	0.5354	0.5616
	0.5882	0.6152	0.6425	0.6701	0.6982
	0.7266	0.7553	0.7844	0.8139	0.8439
	0.8743	0.9051	0.9363	0.9679	1.0000
Hrad:					
	0.0160	0.0320	0.0480	0.0639	0.0799
	0.0959	0.1119	0.1279	0.1439	0.1598
	0.1758	0.1766	0.1549	0.1494	0.1597
	0.1755	0.1938	0.2057	0.2361	0.2662
	0.2961	0.3258	0.3552	0.3844	0.4134
	0.4422	0.4708	0.4991	0.5273	0.5553
	0.5831	0.6107	0.6381	0.6628	0.6859
	0.7089	0.7316	0.7542	0.7766	0.7989
	0.8210	0.8429	0.8636	0.8833	0.9030
	0.9226	0.9421	0.9615	0.9808	1.0000
Width:					
	0.0117	0.0233	0.0350	0.0467	0.0584
	0.0700	0.0817	0.0934	0.1051	0.1167
	0.1284	0.2900	0.5615	0.5946	0.6277
	0.6607	0.6938	0.7064	0.7126	0.7187
	0.7248	0.7309	0.7370	0.7431	0.7492
	0.7553	0.7614	0.7675	0.7736	0.7797
	0.7858	0.7920	0.7981	0.8074	0.8184
	0.8295	0.8406	0.8516	0.8627	0.8737
	0.8848	0.8958	0.9081	0.9213	0.9344
	0.9475	0.9606	0.9738	0.9869	1.0000
Transect 1097					
Area:					
	0.0002	0.0008	0.0019	0.0034	0.0053
	0.0076	0.0104	0.0136	0.0172	0.0212
	0.0270	0.0366	0.0502	0.0693	0.0895
	0.1108	0.1330	0.1561	0.1794	0.2029
	0.2265	0.2502	0.2741	0.2982	0.3224
	0.3467	0.3712	0.3959	0.4207	0.4457
	0.4708	0.4960	0.5214	0.5470	0.5727
	0.5987	0.6250	0.6516	0.6785	0.7058
	0.7333	0.7612	0.7895	0.8180	0.8469
	0.8762	0.9062	0.9369	0.9681	1.0000
Hrad:					
	0.0160	0.0320	0.0480	0.0640	0.0800
	0.0960	0.1120	0.1280	0.1440	0.1600
	0.1651	0.1606	0.1493	0.1537	0.1680
	0.1857	0.2049	0.2168	0.2475	0.2780
	0.3083	0.3385	0.3684	0.3982	0.4278
	0.4572	0.4865	0.5156	0.5445	0.5733
	0.6019	0.6303	0.6587	0.6868	0.7142
	0.7374	0.7605	0.7834	0.8061	0.8286
	0.8510	0.8733	0.8955	0.9174	0.9382
	0.9503	0.9625	0.9748	0.9873	1.0000
Width:					
	0.0132	0.0263	0.0395	0.0526	0.0658
	0.0789	0.0921	0.1052	0.1184	0.1315
	0.2651	0.3308	0.5773	0.6109	0.6430
	0.6751	0.7073	0.7211	0.7258	0.7305
	0.7352	0.7399	0.7445	0.7492	0.7539
	0.7586	0.7633	0.7680	0.7726	0.7773
	0.7820	0.7867	0.7914	0.7960	0.8014
	0.8114	0.8214	0.8313	0.8413	0.8513
	0.8613	0.8712	0.8812	0.8912	0.9022
	0.9218	0.9413	0.9609	0.9804	1.0000
Transect 1100					
Area:					
	0.0002	0.0009	0.0020	0.0036	0.0056
	0.0081	0.0111	0.0145	0.0183	0.0227
	0.0293	0.0385	0.0493	0.0616	0.0757
	0.0936	0.1159	0.1384	0.1611	0.1841
	0.2072	0.2305	0.2540	0.2778	0.3017
	0.3258	0.3501	0.3746	0.3993	0.4242
	0.4492	0.4745	0.5000	0.5257	0.5515
	0.5776	0.6040	0.6309	0.6582	0.6861
	0.7144	0.7432	0.7725	0.8023	0.8328
	0.8642	0.8964	0.9294	0.9637	1.0000
Hrad:					
	0.0185	0.0370	0.0556	0.0741	0.0926
	0.1111	0.1296	0.1482	0.1667	0.1842
	0.1882	0.1902	0.1976	0.2081	0.2155
	0.2118	0.1929	0.2284	0.2636	0.2985

	0.4182	0.4395	0.4610	0.4826	0.5045
	0.5265	0.5487	0.5711	0.5938	0.6168
	0.6401	0.6636	0.6875	0.7116	0.7360
	0.7607	0.7857	0.8109	0.8365	0.8626
	0.8891	0.9161	0.9436	0.9715	1.0000
Hrad:					
	0.0148	0.0412	0.0680	0.0938	0.1189
	0.1433	0.1671	0.1902	0.2083	0.2191
	0.2305	0.2423	0.2544	0.2668	0.2910
	0.3170	0.3427	0.3682	0.3935	0.4187
	0.4436	0.4683	0.4929	0.5173	0.5415
	0.5655	0.5894	0.6131	0.6367	0.6601
	0.6833	0.7065	0.7266	0.7461	0.7654
	0.7846	0.8037	0.8227	0.8416	0.8604
	0.8791	0.8976	0.9161	0.9302	0.9415
	0.9530	0.9646	0.9763	0.9881	1.0000
Width:					
	0.3136	0.3563	0.3697	0.3830	0.3964
	0.4097	0.4231	0.4365	0.4601	0.5003
	0.5406	0.5808	0.6210	0.6612	0.6721
	0.6783	0.6845	0.6906	0.6968	0.7029
	0.7091	0.7153	0.7214	0.7276	0.7338
	0.7399	0.7461	0.7522	0.7584	0.7646
	0.7707	0.7769	0.7862	0.7961	0.8060
	0.8159	0.8258	0.8357	0.8455	0.8554
	0.8653	0.8752	0.8851	0.8992	0.9160
	0.9328	0.9496	0.9664	0.9832	1.0000

Transect T-C91

Area:					
	0.0002	0.0009	0.0021	0.0037	0.0058
	0.0084	0.0153	0.0281	0.0424	0.0577
	0.0740	0.0913	0.1096	0.1289	0.1486
	0.1685	0.1887	0.2090	0.2296	0.2503
	0.2713	0.2925	0.3140	0.3356	0.3575
	0.3795	0.4018	0.4243	0.4470	0.4699
	0.4931	0.5166	0.5405	0.5646	0.5891
	0.6139	0.6390	0.6644	0.6902	0.7163
	0.7427	0.7695	0.7967	0.8243	0.8523
	0.8807	0.9095	0.9386	0.9683	1.0000
Hrad:					
	0.0164	0.0327	0.0491	0.0654	0.0818
	0.0981	0.0839	0.0858	0.1041	0.1257
	0.1481	0.1705	0.1926	0.2165	0.2468
	0.2768	0.3066	0.3361	0.3653	0.3943
	0.4229	0.4514	0.4796	0.5075	0.5353
	0.5628	0.5901	0.6172	0.6440	0.6706
	0.6940	0.7173	0.7403	0.7632	0.7859
	0.8085	0.8309	0.8531	0.8752	0.8971
	0.9171	0.9365	0.9558	0.9750	0.9941
	1.0132	1.0322	1.0511	1.0438	1.0000
Width:					
	0.0141	0.0283	0.0424	0.0565	0.0706
	0.0848	0.3463	0.4190	0.4496	0.4802
	0.5108	0.5414	0.5720	0.5958	0.6025
	0.6090	0.6155	0.6220	0.6286	0.6351
	0.6416	0.6481	0.6546	0.6611	0.6677
	0.6742	0.6807	0.6872	0.6937	0.7003
	0.7101	0.7199	0.7296	0.7394	0.7491
	0.7589	0.7687	0.7784	0.7882	0.7979
	0.8094	0.8213	0.8332	0.8450	0.8569
	0.8688	0.8807	0.8926	0.9273	1.0000

Transect T-C93

Area:					
	0.0011	0.0043	0.0105	0.0198	0.0299
	0.0406	0.0520	0.0641	0.0794	0.0982
	0.1171	0.1361	0.1553	0.1747	0.1942
	0.2139	0.2338	0.2538	0.2739	0.2942
	0.3147	0.3353	0.3561	0.3770	0.3981
	0.4194	0.4408	0.4623	0.4841	0.5060
	0.5282	0.5506	0.5732	0.5961	0.6193
	0.6427	0.6663	0.6902	0.7143	0.7386
	0.7632	0.7881	0.8133	0.8388	0.8648
	0.8911	0.9177	0.9448	0.9722	1.0000
Hrad:					
	0.0142	0.0259	0.0367	0.0567	0.0803
	0.1027	0.1243	0.1450	0.1193	0.1462
	0.1729	0.1994	0.2257	0.2518	0.2776
	0.3033	0.3288	0.3541	0.3793	0.4042
	0.4290	0.4537	0.4781	0.5024	0.5266
	0.5505	0.5744	0.5981	0.6212	0.6422
	0.6631	0.6837	0.7043	0.7247	0.7450
	0.7651	0.7852	0.8051	0.8248	0.8445
	0.8640	0.8819	0.8968	0.9116	0.9264
	0.9411	0.9559	0.9706	0.9853	1.0000
Width:					
	0.0742	0.1650	0.2867	0.3492	0.3726
	0.3960	0.4195	0.4429	0.6671	0.6727
	0.6783	0.6839	0.6895	0.6951	0.7007
	0.7063	0.7119	0.7175	0.7231	0.7287
	0.7342	0.7398	0.7454	0.7510	0.7566
	0.7622	0.7678	0.7734	0.7795	0.7882
	0.7968	0.8055	0.8141	0.8228	0.8314
	0.8401	0.8487	0.8574	0.8660	0.8747
	0.8833	0.8936	0.9069	0.9202	0.9335
	0.9468	0.9601	0.9734	0.9867	1.0000

Transect T-C94

Area:					
	0.0002	0.0009	0.0020	0.0035	0.0055
	0.0079	0.0109	0.0157	0.0228	0.0361
	0.0517	0.0683	0.0862	0.1052	0.1251

	0.1452	0.1655	0.1860	0.2067	0.2277
	0.2490	0.2705	0.2922	0.3142	0.3364
	0.3589	0.3816	0.4046	0.4278	0.4513
	0.4750	0.4990	0.5233	0.5481	0.5732
	0.5987	0.6245	0.6508	0.6774	0.7044
	0.7317	0.7595	0.7877	0.8164	0.8455
	0.8750	0.9050	0.9354	0.9668	1.0000
Hrad:					
	0.0169	0.0338	0.0506	0.0675	0.0844
	0.1013	0.1158	0.1206	0.1197	0.1144
	0.1283	0.1472	0.1678	0.1888	0.2129
	0.2447	0.2761	0.3068	0.3370	0.3669
	0.3965	0.4258	0.4549	0.4836	0.5121
	0.5404	0.5684	0.5962	0.6237	0.6511
	0.6782	0.7017	0.7248	0.7478	0.7706
	0.7932	0.8157	0.8380	0.8602	0.8822
	0.9025	0.9223	0.9421	0.9617	0.9813
	1.0008	1.0202	1.0395	1.0189	1.0000
Width:					
	0.0129	0.0257	0.0386	0.0514	0.0643
	0.0771	0.1117	0.1702	0.2870	0.4393
	0.4733	0.5073	0.5413	0.5753	0.5876
	0.5934	0.5992	0.6062	0.6134	0.6206
	0.6278	0.6350	0.6422	0.6494	0.6566
	0.6638	0.6710	0.6782	0.6854	0.6926
	0.6998	0.7105	0.7215	0.7324	0.7433
	0.7542	0.7651	0.7760	0.7869	0.7978
	0.8102	0.8229	0.8357	0.8484	0.8612
	0.8739	0.8866	0.8994	0.9487	1.0000

Transect T-C97

Area:					
	0.0002	0.0009	0.0020	0.0035	0.0055
	0.0079	0.0108	0.0141	0.0178	0.0220
	0.0266	0.0316	0.0376	0.0449	0.0590
	0.0798	0.1031	0.1264	0.1499	0.1736
	0.1973	0.2213	0.2453	0.2696	0.2940
	0.3186	0.3435	0.3685	0.3939	0.4194
	0.4452	0.4712	0.4975	0.5239	0.5506
	0.5776	0.6047	0.6321	0.6597	0.6877
	0.7162	0.7453	0.7749	0.8051	0.8359
	0.8672	0.8993	0.9321	0.9657	1.0000
Hrad:					
	0.0172	0.0343	0.0515	0.0687	0.0858
	0.1030	0.1201	0.1373	0.1545	0.1716
	0.1888	0.2005	0.2003	0.2024	0.1870
	0.1199	0.1538	0.1875	0.2209	0.2541
	0.2872	0.3200	0.3527	0.3851	0.4161
	0.4467	0.4771	0.5073	0.5372	0.5668
	0.5963	0.6255	0.6546	0.6834	0.7120
	0.7404	0.7687	0.7967	0.8246	0.8441
	0.8623	0.8804	0.8986	0.9167	0.9347
	0.9492	0.9616	0.9742	0.9870	1.0000
Width:					
	0.0127	0.0253	0.0380	0.0506	0.0633
	0.0759	0.0886	0.1012	0.1139	0.1265
	0.1392	0.1561	0.1859	0.3287	0.4901
	0.6667	0.6709	0.6750	0.6792	0.6833
	0.6874	0.6916	0.6957	0.6999	0.7063
	0.7130	0.7196	0.7262	0.7329	0.7395
	0.7461	0.7528	0.7594	0.7660	0.7727
	0.7793	0.7859	0.7926	0.7992	0.8139
	0.8298	0.8458	0.8618	0.8778	0.8937
	0.9132	0.9349	0.9566	0.9783	1.0000

Analysis Options

Flow Units CMS
Process Models:
 Rainfall/Runoff YES
 RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing YES
 Ponding Allowed YES
 Water Quality NO
Infiltration Method CURVE_NUMBER
Flow Routing Method DYNWAVE
Surcharge Method EXTRAN
Starting Date 09/13/2025 00:00:00
Ending Date 09/17/2025 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:05:00
Dry Time Step 00:05:00
Routing Time Step 5.00 sec
Variable Time Step YES
Maximum Trials 8
Number of Threads 6
Head Tolerance 0.001500 m

	Volume	Depth
Runoff Quantity Continuity	hectare-m	mm
*****	-----	-----
Total Precipitation	13.251	48.000
Evaporation Loss	0.000	0.000
Infiltration Loss	10.009	36.257
Surface Runoff	2.900	10.503
Final Storage	0.346	1.253
Continuity Error (%)	-0.028	

```

*****
Flow Routing Continuity      Volume      Volume
                             hectare-m    10^6 ltr
*****
Dry Weather Inflow .....    0.000      0.000
Wet Weather Inflow .....    2.899     28.995
Groundwater Inflow .....    0.000      0.000
RDII Inflow .....           0.000      0.000
External Inflow .....       0.000      0.000
External Outflow .....      2.879     28.788
Flooding Loss .....         0.000      0.000
Evaporation Loss .....      0.000      0.000
Exfiltration Loss .....     0.000      0.000
Initial Stored Volume ....   0.146      1.457
Final Stored Volume .....   0.167      1.666
Continuity Error (%) .....  -0.004

```

```

*****
Highest Continuity Errors
*****
Node J12_1 (61.80%)
Node 15183 (6.25%)
Node 31727 (3.76%)
Node J9_1 (3.58%)
Node J43 (3.20%)

```

```

*****
Time-Step Critical Elements
*****
Link C137 (24.17%)

```

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*****
Highest Flow Instability Indexes
*****
Link C147 (6)
Link C27 (2)
Link C1_2 (1)

```

```

*****
Most Frequent Nonconverging Nodes
*****
Convergence obtained at all time steps.

```

```

*****
Routing Time Step Summary
*****
Minimum Time Step      :    0.00 sec
Average Time Step      :    4.37 sec
Maximum Time Step      :    5.00 sec
% of Time in Steady State :    0.00
Average Iterations per Step :    2.00
% of Steps Not Converging :    0.00
Time Step Frequencies :
  5.000 - 3.155 sec    :    86.30 %
  3.155 - 1.991 sec    :     2.43 %
  1.991 - 1.256 sec    :     4.69 %
  1.256 - 0.792 sec    :     3.84 %
  0.792 - 0.500 sec    :     2.74 %

```

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*****
Subcatchment Runoff Summary
*****

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Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff CMS	Runoff Coeff
S1	48.00	0.00	0.00	36.14	2.34	8.28	10.62	0.01	0.00	0.221
S10	48.00	0.00	0.00	35.83	2.34	8.60	10.94	0.04	0.00	0.228
S100	48.00	0.00	0.00	0.00	47.00	0.00	47.00	0.14	0.05	0.979
S101	48.00	0.00	0.00	36.44	2.35	7.96	10.31	0.03	0.00	0.215
S102	48.00	0.00	0.00	36.91	2.35	7.49	9.84	0.04	0.00	0.205
S103	48.00	0.00	0.00	36.64	2.35	7.78	10.12	0.07	0.01	0.211
S104	48.00	0.00	0.00	36.35	2.34	8.06	10.41	0.03	0.00	0.217
S105	48.00	0.00	0.00	0.00	46.93	0.00	46.93	0.05	0.02	0.978
S106	48.00	0.00	0.00	36.35	2.34	8.06	10.40	0.05	0.00	0.217
S107	48.00	0.00	0.00	37.52	2.35	6.88	9.23	0.08	0.01	0.192
S108	48.00	0.00	0.00	36.01	2.34	8.42	10.76	0.06	0.01	0.224
S109	48.00	0.00	0.00	37.18	2.35	7.22	9.57	0.06	0.01	0.199
S11	48.00	0.00	0.00	37.03	2.35	7.39	9.74	0.04	0.00	0.203
S110	48.00	0.00	0.00	0.00	47.02	0.00	47.02	0.02	0.01	0.980
S111	48.00	0.00	0.00	0.00	47.04	0.00	47.04	0.02	0.01	0.980
S112	48.00	0.00	0.00	35.76	2.34	8.66	11.00	0.03	0.00	0.229
S113	48.00	0.00	0.00	36.91	2.35	7.50	9.85	0.45	0.04	0.205
S113_2	48.00	0.00	0.00	36.66	2.35	7.75	10.09	0.19	0.02	0.210
S114	48.00	0.00	0.00	36.60	2.35	7.80	10.15	0.07	0.01	0.211
S114_3	48.00	0.00	0.00	6.24	35.65	5.04	40.69	0.08	0.03	0.848
S115	48.00	0.00	0.00	36.35	2.34	8.07	10.42	0.08	0.01	0.217
S116	48.00	0.00	0.00	36.10	2.34	8.32	10.66	0.05	0.01	0.222
S117	48.00	0.00	0.00	35.84	2.35	8.56	10.91	0.04	0.00	0.227
S118	48.00	0.00	0.00	37.23	2.35	7.19	9.54	0.03	0.00	0.199
S119	48.00	0.00	0.00	36.44	2.35	7.97	10.32	0.14	0.01	0.215
S12	48.00	0.00	0.00	37.12	2.35	7.29	9.64	0.05	0.00	0.201
S120	48.00	0.00	0.00	36.66	2.35	7.76	10.10	0.06	0.01	0.210
S121	48.00	0.00	0.00	36.80	2.35	7.61	9.95	0.05	0.00	0.207

S122	48.00	0.00	0.00	37.03	2.35	7.39	9.74	0.08	0.01	0.203
S123	48.00	0.00	0.00	36.37	2.35	8.04	10.39	0.15	0.01	0.216
S124	48.00	0.00	0.00	38.09	2.35	6.32	8.67	0.20	0.02	0.181
S124_1	48.00	0.00	0.00	8.49	35.65	2.79	38.44	0.03	0.01	0.801
S124_2	48.00	0.00	0.00	8.49	35.65	2.79	38.44	0.06	0.02	0.801
S125	48.00	0.00	0.00	36.94	2.35	7.48	9.83	0.07	0.01	0.205
S126	48.00	0.00	0.00	37.52	2.35	6.89	9.24	0.18	0.02	0.192
S127	48.00	0.00	0.00	36.42	2.34	7.99	10.33	0.07	0.01	0.215
S128	48.00	0.00	0.00	36.14	2.34	8.28	10.62	0.06	0.01	0.221
S129	48.00	0.00	0.00	37.66	2.35	6.74	9.09	0.10	0.01	0.189
S13	48.00	0.00	0.00	36.98	2.35	7.43	9.78	0.09	0.01	0.204
S130	48.00	0.00	0.00	37.25	2.35	7.15	9.50	0.10	0.01	0.198
S131	48.00	0.00	0.00	37.27	2.35	7.13	9.48	0.04	0.00	0.197
S132	48.00	0.00	0.00	36.28	2.34	8.13	10.48	0.16	0.02	0.218
S133	48.00	0.00	0.00	37.23	2.35	7.17	9.52	0.36	0.03	0.198
S134	48.00	0.00	0.00	36.44	2.34	7.98	10.32	0.11	0.01	0.215
S135	48.00	0.00	0.00	36.17	2.34	8.26	10.60	0.09	0.01	0.221
S136	48.00	0.00	0.00	36.84	2.35	7.56	9.91	0.27	0.02	0.206
S136_1	48.00	0.00	0.00	8.11	35.65	3.16	38.81	0.02	0.01	0.809
S136_2	48.00	0.00	0.00	8.11	35.65	3.16	38.81	0.03	0.01	0.809
S137	48.00	0.00	0.00	36.26	2.34	8.15	10.50	0.37	0.04	0.219
S138	48.00	0.00	0.00	36.28	2.34	8.13	10.48	0.03	0.00	0.218
S139	48.00	0.00	0.00	35.83	2.34	8.60	10.94	0.04	0.00	0.228
S14	48.00	0.00	0.00	36.21	2.34	8.19	10.53	0.05	0.00	0.219
S140	48.00	0.00	0.00	36.60	2.35	7.82	10.17	0.05	0.00	0.212
S141	48.00	0.00	0.00	37.68	2.35	6.72	9.08	0.08	0.01	0.189
S142	48.00	0.00	0.00	37.79	2.35	6.62	8.97	0.07	0.01	0.187
S143	48.00	0.00	0.00	37.86	2.35	6.55	8.90	0.03	0.00	0.185
S144	48.00	0.00	0.00	36.73	2.35	7.67	10.02	0.50	0.05	0.209
S145	48.00	0.00	0.00	37.09	2.35	7.31	9.65	0.45	0.04	0.201
S146	48.00	0.00	0.00	36.69	2.35	7.72	10.06	0.05	0.00	0.210
S147	48.00	0.00	0.00	36.80	2.35	7.60	9.95	0.12	0.01	0.207
S148	48.00	0.00	0.00	36.44	2.34	7.98	10.32	0.08	0.01	0.215
S149	48.00	0.00	0.00	36.66	2.35	7.74	10.09	0.34	0.03	0.210
S15	48.00	0.00	0.00	36.46	2.35	7.95	10.30	0.06	0.01	0.215
S150	48.00	0.00	0.00	35.78	2.34	8.63	10.98	0.03	0.00	0.229
S151	48.00	0.00	0.00	36.30	2.34	8.11	10.45	0.05	0.00	0.218
S152	48.00	0.00	0.00	37.57	2.35	6.84	9.19	0.08	0.01	0.192
S153	48.00	0.00	0.00	37.07	2.35	7.33	9.68	0.63	0.06	0.202
S154	48.00	0.00	0.00	36.64	2.35	7.76	10.11	0.07	0.01	0.211
S155	48.00	0.00	0.00	36.62	2.35	7.80	10.15	0.07	0.01	0.211
S156	48.00	0.00	0.00	36.82	2.35	7.58	9.93	0.30	0.03	0.207
S157	48.00	0.00	0.00	36.42	2.34	8.00	10.34	0.19	0.02	0.215
S158	48.00	0.00	0.00	37.66	2.35	6.76	9.11	0.09	0.01	0.190
S159	48.00	0.00	0.00	36.60	2.35	7.81	10.15	0.06	0.01	0.212
S16	48.00	0.00	0.00	35.92	2.34	8.50	10.84	0.09	0.01	0.226
S160	48.00	0.00	0.00	38.81	2.35	5.60	7.95	0.89	0.09	0.166
S161	48.00	0.00	0.00	36.39	2.34	8.03	10.37	0.01	0.00	0.216
S162	48.00	0.00	0.00	36.94	2.35	7.48	9.83	0.14	0.01	0.205
S163	48.00	0.00	0.00	36.53	2.35	7.87	10.22	0.03	0.00	0.213
S164	48.00	0.00	0.00	36.50	2.35	7.92	10.27	0.22	0.02	0.214
S165	48.00	0.00	0.00	36.39	2.34	8.02	10.36	0.16	0.01	0.216
S166	48.00	0.00	0.00	36.98	2.35	7.43	9.78	0.05	0.00	0.204
S167	48.00	0.00	0.00	36.73	2.35	7.68	10.02	0.04	0.00	0.209
S168	48.00	0.00	0.00	36.14	2.34	8.27	10.62	0.09	0.01	0.221
S168_1	48.00	0.00	0.00	37.23	2.35	7.17	9.52	0.01	0.00	0.198
S169	48.00	0.00	0.00	36.60	2.35	7.81	10.15	0.03	0.00	0.212
S17	48.00	0.00	0.00	37.68	2.35	6.73	9.08	0.06	0.01	0.189
S170	48.00	0.00	0.00	36.37	2.34	8.05	10.39	0.04	0.00	0.216
S171	48.00	0.00	0.00	35.37	2.34	9.05	11.39	0.06	0.01	0.237
S172	48.00	0.00	0.00	36.66	2.35	7.75	10.10	0.10	0.01	0.210
S173	48.00	0.00	0.00	36.87	2.35	7.55	9.90	0.24	0.02	0.206
S174	48.00	0.00	0.00	36.69	2.35	7.71	10.06	0.32	0.03	0.210
S175	48.00	0.00	0.00	36.30	2.34	8.10	10.44	0.06	0.01	0.218
S176	48.00	0.00	0.00	34.43	2.34	9.99	12.33	0.08	0.01	0.257
S177	48.00	0.00	0.00	36.10	2.34	8.32	10.66	0.03	0.00	0.222
S178	48.00	0.00	0.00	37.97	2.35	6.43	8.78	0.36	0.03	0.183
S179	48.00	0.00	0.00	36.33	2.34	8.09	10.44	0.06	0.01	0.217
S18	48.00	0.00	0.00	36.53	2.35	7.88	10.22	0.06	0.01	0.213
S180	48.00	0.00	0.00	37.25	2.35	7.15	9.50	0.41	0.04	0.198
S181	48.00	0.00	0.00	36.12	2.34	8.28	10.63	0.11	0.01	0.221
S182	48.00	0.00	0.00	36.96	2.35	7.44	9.79	0.35	0.03	0.204
S183	48.00	0.00	0.00	36.03	2.34	8.38	10.72	0.03	0.00	0.223
S184	48.00	0.00	0.00	36.89	2.35	7.51	9.86	0.06	0.01	0.205
S185	48.00	0.00	0.00	36.19	2.34	8.23	10.58	0.03	0.00	0.220
S186	48.00	0.00	0.00	37.59	2.35	6.81	9.16	0.08	0.01	0.191
S187	48.00	0.00	0.00	37.09	2.35	7.31	9.66	0.34	0.03	0.201
S19	48.00	0.00	0.00	37.61	2.35	6.79	9.14	0.06	0.01	0.191
S190	48.00	0.00	0.00	36.91	2.35	7.49	9.84	0.04	0.00	0.205
S195	48.00	0.00	0.00	36.51	2.35	7.91	10.26	0.03	0.00	0.214
S197	48.00	0.00	0.00	36.37	2.34	8.03	10.37	0.03	0.00	0.216
S2	48.00	0.00	0.00	36.78	2.35	7.63	9.98	0.03	0.00	0.208
S20	48.00	0.00	0.00	36.19	2.34	8.23	10.57	0.04	0.00	0.220
S202	48.00	0.00	0.00	37.93	2.35	6.47	8.82	0.11	0.01	0.184
S207	48.00	0.00	0.00	36.42	2.34	7.99	10.33	0.03	0.00	0.215
S21	48.00	0.00	0.00	36.30	2.34	8.11	10.45	0.04	0.00	0.218
S210	48.00	0.00	0.00	36.14	2.34	8.27	10.62	0.05	0.01	0.221
S214	48.00	0.00	0.00	35.90	2.34	8.52	10.86	0.02	0.00	0.226
S215	48.00	0.00	0.00	36.19	2.34	8.23	10.57	0.05	0.01	0.220
S219	48.00	0.00	0.00	36.37	2.34	8.05	10.39	0.03	0.00	0.217
S22	48.00	0.00	0.00	36.21	2.34	8.19	10.54	0.05	0.01	0.220
S221_1	48.00	0.00	0.00	36.64	2.35	7.76	10.11	0.00	0.00	0.211
S223_1	48.00	0.00	0.00	36.39	2.34	8.01	10.35	0.03	0.00	0.216
S224	48.00	0.00	0.00	37.07	2.35	7.34	9.69	0.06	0.01	0.202
S225	48.00	0.00	0.00	39.72	2.35	4.70	7.05	0.05	0.01	0.147
S23	48.00	0.00	0.00	36.96	2.35	7.45	9.80	0.07	0.01	0.204
S234_2	48.00	0.00	0.00	36.91	2.35	7.50	9.85	0.03	0.00	0.205
S24	48.00	0.00	0.00	35.60	2.34	8.84	11.18	0.02	0.00	0.233
S241	48.00	0.00	0.00	36.37	2.34	8.04	10.38	0.10	0.01	0.216
S242	48.00	0.00	0.00	36.55	2.35	7.87	10.21	0.18	0.02	0.213
S247_2	48.00	0.00	0.00	36.82	2.35	7.59	9.94	0.06	0.01	0.207
S25	48.00	0.00	0.00	36.10	2.34	8.31	10.65	0.04	0.00	0.222
S26	48.00	0.00	0.00	36.14	2.34	8.27	10.62	0.03	0.00	0.221

S260_2	48.00	0.00	0.00	36.75	2.35	7.66	10.01	0.06	0.01	0.209
S262	48.00	0.00	0.00	36.33	2.34	8.08	10.42	0.05	0.00	0.217
S268	48.00	0.00	0.00	35.87	2.34	8.54	10.88	0.04	0.00	0.227
S269_1	48.00	0.00	0.00	36.10	2.34	8.32	10.66	0.05	0.01	0.222
S27	48.00	0.00	0.00	36.46	2.35	7.94	10.29	0.05	0.00	0.214
S272	48.00	0.00	0.00	36.26	2.34	8.16	10.50	0.06	0.01	0.219
S276	48.00	0.00	0.00	36.17	2.34	8.24	10.58	0.04	0.00	0.220
S278_2	48.00	0.00	0.00	37.82	2.35	6.58	8.93	0.03	0.00	0.186
S28	48.00	0.00	0.00	39.31	2.35	5.10	7.45	0.03	0.00	0.155
S285	48.00	0.00	0.00	37.25	2.35	7.16	9.51	0.04	0.00	0.198
S288	48.00	0.00	0.00	37.05	2.35	7.36	9.71	0.10	0.01	0.202
S29	48.00	0.00	0.00	36.03	2.34	8.38	10.72	0.07	0.01	0.223
S291	48.00	0.00	0.00	36.35	2.34	8.07	10.41	0.04	0.00	0.217
S3	48.00	0.00	0.00	37.39	2.35	7.02	9.37	0.47	0.04	0.195
S30	48.00	0.00	0.00	36.89	2.35	7.52	9.87	0.04	0.00	0.206
S300_1	48.00	0.00	0.00	36.55	2.35	7.85	10.20	0.03	0.00	0.213
S301	48.00	0.00	0.00	36.39	2.34	8.02	10.37	0.05	0.00	0.216
S307	48.00	0.00	0.00	36.48	2.35	7.93	10.28	0.06	0.01	0.214
S309	48.00	0.00	0.00	35.99	2.34	8.43	10.77	0.05	0.01	0.224
S31	48.00	0.00	0.00	36.57	2.35	7.84	10.18	0.04	0.00	0.212
S310	48.00	0.00	0.00	35.99	2.34	8.44	10.78	0.01	0.00	0.225
S313	48.00	0.00	0.00	36.80	2.35	7.60	9.95	0.05	0.00	0.207
S314	48.00	0.00	0.00	36.12	2.34	8.30	10.64	0.03	0.00	0.222
S315	48.00	0.00	0.00	37.32	2.35	7.08	9.43	0.08	0.01	0.197
S316	48.00	0.00	0.00	37.36	2.35	7.04	9.39	0.03	0.00	0.196
S317	48.00	0.00	0.00	36.35	2.34	8.07	10.41	0.03	0.00	0.217
S32	48.00	0.00	0.00	37.12	2.35	7.29	9.64	0.08	0.01	0.201
S324_3	48.00	0.00	0.00	35.67	2.34	8.76	11.10	0.01	0.00	0.231
S33	48.00	0.00	0.00	36.91	2.35	7.49	9.84	0.07	0.01	0.205
S330	48.00	0.00	0.00	37.09	2.35	7.32	9.67	0.08	0.01	0.201
S334_1	48.00	0.00	0.00	37.18	2.35	7.22	9.57	0.02	0.00	0.199
S335	48.00	0.00	0.00	36.84	2.35	7.57	9.92	0.09	0.01	0.207
S336	48.00	0.00	0.00	36.08	2.34	8.35	10.69	0.07	0.01	0.223
S339	48.00	0.00	0.00	36.17	2.34	8.26	10.60	0.02	0.00	0.221
S34	48.00	0.00	0.00	36.84	2.35	7.56	9.91	0.04	0.00	0.207
S340	48.00	0.00	0.00	35.74	2.34	8.69	11.03	0.01	0.00	0.230
S341	48.00	0.00	0.00	36.10	2.34	8.32	10.66	0.05	0.00	0.222
S345	48.00	0.00	0.00	36.01	2.34	8.41	10.75	0.04	0.00	0.224
S35	48.00	0.00	0.00	36.82	2.35	7.58	9.93	0.04	0.00	0.207
S355	48.00	0.00	0.00	35.87	2.34	8.54	10.88	0.04	0.01	0.227
S357	48.00	0.00	0.00	36.39	2.34	8.02	10.37	0.03	0.00	0.216
S36	48.00	0.00	0.00	36.60	2.35	7.81	10.16	0.06	0.01	0.212
S362	48.00	0.00	0.00	37.30	2.35	7.12	9.47	0.03	0.00	0.197
S365	48.00	0.00	0.00	36.98	2.35	7.42	9.77	0.04	0.00	0.204
S368	48.00	0.00	0.00	35.85	2.34	8.57	10.91	0.03	0.00	0.227
S37	48.00	0.00	0.00	36.62	2.35	7.78	10.13	0.06	0.01	0.211
S372	48.00	0.00	0.00	36.46	2.35	7.95	10.30	0.07	0.01	0.215
S375	48.00	0.00	0.00	36.57	2.35	7.83	10.17	0.03	0.00	0.212
S38	48.00	0.00	0.00	36.53	2.35	7.88	10.22	0.06	0.01	0.213
S384	48.00	0.00	0.00	36.14	2.34	8.27	10.61	0.09	0.01	0.221
S39	48.00	0.00	0.00	37.52	2.35	6.88	9.23	0.05	0.00	0.192
S391	48.00	0.00	0.00	37.68	2.35	6.72	9.08	0.06	0.01	0.189
S392	48.00	0.00	0.00	36.87	2.35	7.53	9.88	0.09	0.01	0.206
S395	48.00	0.00	0.00	41.61	2.35	2.78	5.13	0.03	0.00	0.107
S397	48.00	0.00	0.00	36.01	2.34	8.40	10.74	0.05	0.01	0.224
S398	48.00	0.00	0.00	36.03	2.34	8.39	10.73	0.06	0.01	0.224
S399	48.00	0.00	0.00	39.38	2.35	5.04	7.39	0.11	0.01	0.154
S4	48.00	0.00	0.00	36.26	2.34	8.15	10.49	0.11	0.01	0.219
S40	48.00	0.00	0.00	36.96	2.35	7.44	9.79	0.04	0.00	0.204
S403	48.00	0.00	0.00	36.30	2.34	8.11	10.45	0.05	0.00	0.218
S405	48.00	0.00	0.00	35.60	2.34	8.84	11.18	0.01	0.00	0.233
S406	48.00	0.00	0.00	37.03	2.35	7.39	9.73	0.05	0.01	0.203
S408	48.00	0.00	0.00	36.26	2.34	8.15	10.50	0.05	0.01	0.219
S409	48.00	0.00	0.00	35.85	2.34	8.57	10.92	0.01	0.00	0.227
S41	48.00	0.00	0.00	38.22	2.35	6.18	8.53	0.09	0.01	0.178
S411	48.00	0.00	0.00	36.71	2.35	7.71	10.06	0.06	0.01	0.209
S417	48.00	0.00	0.00	36.55	2.35	7.86	10.21	0.07	0.01	0.213
S419	48.00	0.00	0.00	35.99	2.34	8.43	10.77	0.08	0.01	0.224
S42	48.00	0.00	0.00	36.87	2.35	7.53	9.88	0.07	0.01	0.206
S421	48.00	0.00	0.00	36.33	2.34	8.09	10.43	0.07	0.01	0.217
S428	48.00	0.00	0.00	36.80	2.35	7.61	9.96	0.04	0.00	0.208
S429	48.00	0.00	0.00	36.23	2.34	8.18	10.52	0.05	0.00	0.219
S43	48.00	0.00	0.00	36.82	2.35	7.59	9.94	0.12	0.01	0.207
S431	48.00	0.00	0.00	36.55	2.35	7.85	10.19	0.05	0.00	0.212
S437	48.00	0.00	0.00	37.18	2.35	7.23	9.58	0.06	0.01	0.200
S439	48.00	0.00	0.00	36.46	2.35	7.95	10.30	0.04	0.00	0.215
S44	48.00	0.00	0.00	36.80	2.35	7.61	9.96	0.07	0.01	0.208
S443	48.00	0.00	0.00	37.75	2.35	6.65	9.00	0.03	0.00	0.188
S446	48.00	0.00	0.00	37.21	2.35	7.20	9.55	0.04	0.00	0.199
S447	48.00	0.00	0.00	36.30	2.34	8.11	10.45	0.07	0.01	0.218
S448	48.00	0.00	0.00	36.30	2.34	8.10	10.44	0.04	0.00	0.218
S45	48.00	0.00	0.00	35.74	2.34	8.68	11.02	0.01	0.00	0.230
S458	48.00	0.00	0.00	36.87	2.35	7.54	9.89	0.06	0.01	0.206
S46	48.00	0.00	0.00	37.43	2.35	6.98	9.33	0.03	0.00	0.194
S469	48.00	0.00	0.00	36.84	2.35	7.57	9.91	0.05	0.00	0.207
S47	48.00	0.00	0.00	37.46	2.35	6.95	9.30	0.06	0.01	0.194
S476	48.00	0.00	0.00	36.46	2.35	7.94	10.29	0.05	0.00	0.214
S478	48.00	0.00	0.00	37.30	2.35	7.11	9.46	0.10	0.01	0.197
S479	48.00	0.00	0.00	36.21	2.34	8.21	10.55	0.03	0.00	0.220
S48	48.00	0.00	0.00	36.21	2.34	8.20	10.54	0.06	0.01	0.220
S481	48.00	0.00	0.00	37.82	2.35	6.60	8.95	0.05	0.01	0.186
S487	48.00	0.00	0.00	36.17	2.34	8.26	10.60	0.05	0.00	0.221
S49	48.00	0.00	0.00	36.17	2.34	8.26	10.60	0.03	0.00	0.221
S492	48.00	0.00	0.00	36.30	2.34	8.10	10.45	0.06	0.01	0.218
S493	48.00	0.00	0.00	36.62	2.35	7.79	10.14	0.09	0.01	0.211
S494	48.00	0.00	0.00	36.14	2.34	8.28	10.62	0.08	0.01	0.221
S497	48.00	0.00	0.00	36.30	2.34	8.12	10.46	0.04	0.00	0.218
S499	48.00	0.00	0.00	36.89	2.35	7.51	9.86	0.03	0.00	0.205
S5	48.00	0.00	0.00	37.25	2.35	7.16	9.51	0.33	0.03	0.198
S50	48.00	0.00	0.00	37.84	2.35	6.58	8.93	0.04	0.00	0.186
S503	48.00	0.00	0.00	37.50	2.35	6.91	9.27	0.06	0.01	0.193
S504_2	48.00	0.00	0.00	39.49	2.35	4.91	7.26	0.02	0.00	0.151
S506	48.00	0.00	0.00	36.64	2.35	7.76	10.10	0.06	0.01	0.210

S51	48.00	0.00	0.00	37.03	2.35	7.38	9.72	0.07	0.01	0.203
S513	48.00	0.00	0.00	36.71	2.35	7.70	10.04	0.07	0.01	0.209
S514_3	48.00	0.00	0.00	38.29	2.35	6.12	8.47	0.01	0.00	0.177
S516	48.00	0.00	0.00	36.80	2.35	7.60	9.95	0.04	0.00	0.207
S517	48.00	0.00	0.00	36.10	2.34	8.32	10.67	0.07	0.01	0.222
S518	48.00	0.00	0.00	36.82	2.35	7.59	9.94	0.04	0.00	0.207
S52	48.00	0.00	0.00	36.73	2.35	7.68	10.03	0.05	0.00	0.209
S520	48.00	0.00	0.00	36.33	2.34	8.09	10.43	0.04	0.00	0.217
S522	48.00	0.00	0.00	36.28	2.34	8.12	10.47	0.02	0.00	0.218
S528	48.00	0.00	0.00	36.87	2.35	7.53	9.88	0.04	0.00	0.206
S53	48.00	0.00	0.00	35.96	2.34	8.45	10.80	0.04	0.00	0.225
S536	48.00	0.00	0.00	38.20	2.35	6.22	8.57	0.09	0.01	0.179
S538	48.00	0.00	0.00	35.85	2.34	8.56	10.90	0.10	0.01	0.227
S539	48.00	0.00	0.00	37.88	2.35	6.52	8.87	0.07	0.01	0.185
S54	48.00	0.00	0.00	36.39	2.34	8.02	10.36	0.06	0.01	0.216
S540	48.00	0.00	0.00	37.75	2.35	6.66	9.01	0.05	0.01	0.188
S547	48.00	0.00	0.00	37.25	2.35	7.15	9.50	0.06	0.01	0.198
S549	48.00	0.00	0.00	38.00	2.35	6.41	8.76	0.05	0.00	0.183
S55	48.00	0.00	0.00	36.91	2.35	7.48	9.83	0.04	0.00	0.205
S552	48.00	0.00	0.00	36.71	2.35	7.70	10.04	0.03	0.00	0.209
S553	48.00	0.00	0.00	36.69	2.35	7.73	10.08	0.05	0.00	0.210
S56	48.00	0.00	0.00	37.43	2.35	6.98	9.33	0.06	0.01	0.194
S560	48.00	0.00	0.00	37.57	2.35	6.83	9.18	0.04	0.00	0.191
S562	48.00	0.00	0.00	36.39	2.34	8.02	10.37	0.03	0.00	0.216
S566	48.00	0.00	0.00	37.09	2.35	7.31	9.65	0.05	0.00	0.201
S57	48.00	0.00	0.00	36.17	2.34	8.24	10.58	0.03	0.00	0.221
S58	48.00	0.00	0.00	35.92	2.34	8.49	10.83	0.04	0.00	0.226
S585	48.00	0.00	0.00	41.03	2.35	3.37	5.72	0.03	0.00	0.119
S59	48.00	0.00	0.00	36.98	2.35	7.43	9.78	0.04	0.00	0.204
S590	48.00	0.00	0.00	37.05	2.35	7.36	9.71	0.03	0.00	0.202
S594	48.00	0.00	0.00	38.07	2.35	6.35	8.70	0.06	0.01	0.181
S6	48.00	0.00	0.00	37.32	2.35	7.08	9.43	0.05	0.00	0.196
S60	48.00	0.00	0.00	36.44	2.35	7.97	10.32	0.08	0.01	0.215
S61	48.00	0.00	0.00	37.64	2.35	6.76	9.11	0.11	0.01	0.190
S617	48.00	0.00	0.00	36.17	2.34	8.23	10.58	0.04	0.00	0.220
S62	48.00	0.00	0.00	37.36	2.35	7.04	9.39	0.08	0.01	0.196
S627	48.00	0.00	0.00	37.66	2.35	6.74	9.09	0.04	0.00	0.189
S63	48.00	0.00	0.00	36.57	2.35	7.83	10.17	0.06	0.01	0.212
S634	48.00	0.00	0.00	36.82	2.35	7.58	9.93	0.05	0.00	0.207
S64	48.00	0.00	0.00	37.09	2.35	7.30	9.65	0.03	0.00	0.201
S65	48.00	0.00	0.00	37.27	2.35	7.13	9.48	0.13	0.01	0.197
S658	48.00	5.03	0.00	37.18	2.60	12.01	14.61	0.11	0.01	0.275
S66	48.00	0.00	0.00	36.60	2.35	7.82	10.17	0.08	0.01	0.212
S665	48.00	0.00	0.00	36.42	2.34	8.00	10.34	0.02	0.00	0.215
S67	48.00	0.00	0.00	35.15	2.34	9.28	11.63	0.05	0.01	0.242
S68	48.00	0.00	0.00	36.57	2.35	7.83	10.18	0.04	0.00	0.212
S682_1	48.00	0.00	0.00	35.81	2.34	8.61	10.95	0.02	0.00	0.228
S689	48.00	0.00	0.00	36.94	2.35	7.47	9.81	0.04	0.00	0.204
S69	48.00	0.00	0.00	36.57	2.35	7.84	10.19	0.07	0.01	0.212
S7	48.00	0.00	0.00	37.18	2.35	7.23	9.58	0.15	0.01	0.200
S70	48.00	0.00	0.00	36.57	2.35	7.84	10.19	0.03	0.00	0.212
S71	48.00	0.00	0.00	37.36	2.35	7.04	9.39	0.06	0.01	0.196
S72	48.00	0.00	0.00	36.98	2.35	7.43	9.78	0.07	0.01	0.204
S73	48.00	0.00	0.00	35.83	2.34	8.59	10.93	0.49	0.06	0.228
S73_2	48.00	0.00	0.00	35.83	2.34	8.59	10.93	0.87	0.11	0.228
S74	48.00	0.00	0.00	36.19	2.34	8.23	10.57	0.05	0.01	0.220
S745	48.00	0.00	0.00	36.53	2.35	7.89	10.23	0.03	0.00	0.213
S75	48.00	0.00	0.00	36.75	2.35	7.65	9.99	0.06	0.01	0.208
S76	48.00	0.00	0.00	36.26	2.34	8.14	10.49	0.02	0.00	0.218
S764	48.00	0.00	0.00	37.16	2.35	7.24	9.59	0.02	0.00	0.200
S765_2	48.00	0.00	0.00	35.62	2.34	8.82	11.16	0.01	0.00	0.233
S765_4	48.00	0.00	0.00	35.62	2.34	8.82	11.16	0.04	0.01	0.233
S769	48.00	0.00	0.00	36.33	2.34	8.08	10.42	0.04	0.00	0.217
S77	48.00	0.00	0.00	35.96	2.34	8.45	10.79	0.02	0.00	0.225
S78	48.00	0.00	0.00	36.96	2.35	7.44	9.79	0.11	0.01	0.204
S79	48.00	0.00	0.00	38.29	2.35	6.12	8.48	0.04	0.00	0.177
S8	48.00	0.00	0.00	36.30	2.34	8.10	10.44	0.05	0.01	0.218
S80	48.00	0.00	0.00	35.92	2.34	8.51	10.85	0.44	0.05	0.226
S807	48.00	0.00	0.00	36.51	2.35	7.90	10.24	0.06	0.01	0.213
S81	48.00	0.00	0.00	36.89	2.35	7.51	9.86	0.11	0.01	0.205
S81_1	48.00	0.00	0.00	36.35	2.34	8.07	10.42	0.06	0.01	0.217
S82	48.00	0.00	0.00	35.81	2.34	8.62	10.96	0.06	0.01	0.228
S83	48.00	0.00	0.00	36.23	2.34	8.18	10.52	0.19	0.02	0.219
S84	48.00	0.00	0.00	36.78	2.35	7.64	9.98	0.08	0.01	0.208
S85	48.00	0.00	0.00	36.64	2.35	7.76	10.11	0.03	0.00	0.211
S86	48.00	0.00	0.00	36.51	2.35	7.91	10.26	0.06	0.01	0.214
S87	48.00	0.00	0.00	37.52	2.35	6.89	9.24	0.32	0.03	0.193
S88	48.00	0.00	0.00	35.78	2.34	8.65	10.99	0.08	0.01	0.229
S89	48.00	0.00	0.00	36.66	2.35	7.74	10.09	0.06	0.01	0.210
S892_2	48.00	0.00	0.00	0.00	46.96	0.00	46.96	0.23	0.07	0.978
S893_2	48.00	0.00	0.00	0.00	46.96	0.00	46.96	0.28	0.09	0.978
S894_3	48.00	0.00	0.00	0.00	46.96	0.00	46.96	0.08	0.03	0.978
S896_2	48.00	0.00	0.00	0.00	46.96	0.00	46.96	0.20	0.06	0.978
S897_2	48.00	0.00	0.00	0.00	46.96	0.00	46.96	0.17	0.05	0.978
S898	48.00	0.00	0.00	0.00	46.83	0.00	46.83	0.02	0.01	0.976
S899	48.00	0.00	0.00	6.43	35.76	4.82	40.58	0.01	0.00	0.845
S9	48.00	0.00	0.00	36.33	2.34	8.09	10.43	0.05	0.01	0.217
S90	48.00	0.00	0.00	36.78	2.35	7.64	9.99	0.14	0.01	0.208
S900	48.00	0.00	0.00	6.45	35.76	4.79	40.55	0.05	0.02	0.845
S901_2	48.00	0.00	0.00	0.00	46.96	0.00	46.96	0.19	0.06	0.978
S902	48.00	0.00	0.00	6.45	35.76	4.79	40.55	0.06	0.02	0.845
S903	48.00	0.00	0.00	6.45	35.76	4.79	40.55	0.07	0.02	0.845
S904_3	48.00	0.00	0.00	0.00	46.96	0.00	46.96	0.13	0.04	0.978
S905_2	48.00	0.00	0.00	0.00	47.00	0.00	47.00	0.02	0.01	0.979
S908_3	48.00	33.40	0.00	0.00	80.36	0.00	80.36	0.02	0.01	0.987
S91	48.00	0.00	0.00	36.39	2.34	8.02	10.37	0.04	0.00	0.216
S910_2	48.00	0.00	0.00	6.40	35.65	4.88	40.53	0.08	0.03	0.844
S911_2	48.00	0.00	0.00	6.40	35.65	4.88	40.53	0.06	0.02	0.844
S912_3	48.00	0.00	0.00	6.40	35.65	4.88	40.53	0.05	0.02	0.844
S915_2	48.00	0.00	0.00	6.40	35.65	4.88	40.53	0.07	0.02	0.844
S916_2	48.00	0.00	0.00	6.40	35.65	4.88	40.53	0.08	0.03	0.844
S92	48.00	0.00	0.00	37.93	2.35	6.49	8.84	0.08	0.01	0.184
S93	48.00	0.00	0.00	37.09	2.35	7.32	9.67	0.11	0.01	0.202

S94	48.00	0.00	0.00	36.40	2.34	8.01	10.35	0.04	0.00	0.216
S95	48.00	0.00	0.00	36.28	2.34	8.14	10.48	0.11	0.01	0.218
S96	48.00	0.00	0.00	36.35	2.34	8.07	10.41	0.05	0.00	0.217
S97	48.00	0.00	0.00	36.60	2.35	7.80	10.15	0.03	0.00	0.211
S98	48.00	0.00	0.00	35.90	2.34	8.52	10.86	0.02	0.00	0.226
S99	48.00	0.00	0.00	36.75	2.35	7.66	10.01	0.06	0.01	0.208

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
15017	JUNCTION	0.05	0.09	95.50	0 13:30	0.09
15023	JUNCTION	0.02	0.06	95.50	0 13:31	0.06
15115	JUNCTION	0.02	0.08	96.10	0 12:11	0.08
15169	JUNCTION	0.00	0.00	95.50	0 00:00	0.00
15183	JUNCTION	0.05	0.09	95.50	0 13:31	0.09
15526	JUNCTION	0.01	0.03	95.41	0 13:33	0.03
15536	JUNCTION	0.01	0.05	95.32	0 13:39	0.05
16468	JUNCTION	0.01	0.05	96.28	0 12:00	0.05
16472	JUNCTION	0.00	0.00	96.77	0 00:00	0.00
16496	JUNCTION	0.01	0.07	96.34	0 12:00	0.07
16553	JUNCTION	0.00	0.00	96.37	0 00:00	0.00
16555	JUNCTION	0.00	0.00	96.79	0 00:00	0.00
16576	JUNCTION	0.00	0.00	96.48	0 00:00	0.00
16611	JUNCTION	0.01	0.05	96.45	0 12:00	0.05
16639	JUNCTION	0.01	0.04	96.21	0 12:01	0.04
16641	JUNCTION	0.00	0.00	96.41	0 00:00	0.00
16677	JUNCTION	0.04	0.17	96.09	0 13:26	0.17
16797	JUNCTION	0.02	0.08	96.67	0 12:24	0.08
16799	JUNCTION	0.00	0.00	97.10	0 00:00	0.00
16815	JUNCTION	0.01	0.07	96.76	0 12:16	0.07
16874	JUNCTION	0.02	0.06	97.00	0 12:15	0.06
16876	JUNCTION	0.00	0.00	97.44	0 00:00	0.00
16902	JUNCTION	0.01	0.06	97.08	0 12:14	0.06
17000	JUNCTION	0.02	0.07	97.30	0 12:07	0.07
17050	JUNCTION	0.02	0.12	97.43	0 12:06	0.12
17077	JUNCTION	0.00	0.00	97.47	0 00:00	0.00
17111	JUNCTION	0.00	0.00	97.14	0 00:00	0.00
17114	JUNCTION	0.00	0.00	98.13	0 00:00	0.00
17125	JUNCTION	0.00	0.00	97.51	0 00:00	0.00
17181	JUNCTION	0.00	0.00	97.98	0 00:00	0.00
17189	JUNCTION	0.00	0.00	97.80	0 00:00	0.00
17196	JUNCTION	0.00	0.00	98.42	0 00:00	0.00
17316	JUNCTION	0.01	0.06	94.91	0 12:01	0.06
30259	JUNCTION	0.04	0.18	92.31	0 12:33	0.18
30475	JUNCTION	0.06	0.23	93.07	0 13:00	0.23
30654	JUNCTION	0.00	0.00	93.32	0 00:00	0.00
30690	JUNCTION	0.00	0.03	93.27	0 12:00	0.03
30703	JUNCTION	0.01	0.07	93.07	0 12:01	0.07
30723	JUNCTION	0.01	0.09	93.06	0 13:05	0.09
30741	JUNCTION	0.02	0.14	93.06	0 13:05	0.14
30776	JUNCTION	0.10	0.38	93.06	0 13:36	0.38
30790	JUNCTION	0.01	0.05	93.09	0 12:05	0.05
30821	JUNCTION	0.02	0.11	93.29	0 12:03	0.11
30846	JUNCTION	0.01	0.03	93.54	0 12:00	0.03
30874	JUNCTION	0.00	0.00	94.14	0 00:00	0.00
30901	JUNCTION	0.00	0.00	95.23	0 00:00	0.00
30961	JUNCTION	0.02	0.08	93.86	0 12:02	0.08
31055	JUNCTION	0.03	0.10	93.45	0 12:06	0.10
31056	JUNCTION	0.00	0.00	94.36	0 00:00	0.00
31282	JUNCTION	0.13	0.25	93.76	0 14:05	0.25
31294	JUNCTION	0.06	0.18	93.76	0 14:04	0.18
31330	JUNCTION	0.05	0.17	93.77	0 14:17	0.17
31346	JUNCTION	0.06	0.18	93.77	0 14:17	0.18
31478	JUNCTION	0.04	0.15	93.77	0 14:23	0.15
31499	JUNCTION	0.04	0.14	93.77	0 14:22	0.14
31616	JUNCTION	0.04	0.18	93.75	0 12:03	0.18
31659	JUNCTION	0.11	0.38	93.20	0 15:01	0.38
31679	JUNCTION	0.06	0.22	93.46	0 15:04	0.22
31692	JUNCTION	0.16	0.42	93.60	0 15:04	0.42
31717	JUNCTION	0.14	0.41	93.60	0 15:03	0.41
31727	JUNCTION	0.09	0.12	94.55	0 12:13	0.12
31735	JUNCTION	0.01	0.08	94.61	0 12:03	0.08
33074	JUNCTION	0.01	0.03	94.55	0 12:13	0.03
33088	JUNCTION	0.01	0.05	94.21	0 12:21	0.05
33102	JUNCTION	0.01	0.05	94.18	0 12:14	0.05
33116	JUNCTION	0.02	0.07	94.12	0 12:41	0.07
33130	JUNCTION	0.00	0.01	93.94	0 12:42	0.01
33147	JUNCTION	0.04	0.15	93.83	0 15:02	0.15
33161	JUNCTION	0.05	0.17	93.74	0 15:02	0.17
35248	JUNCTION	0.01	0.07	96.15	0 12:03	0.07
35262	JUNCTION	0.02	0.09	96.21	0 12:02	0.09
ARDJ01	JUNCTION	0.01	0.11	97.94	0 21:07	0.11
ARDJ02	JUNCTION	0.02	0.12	97.90	0 21:07	0.12
ARDJ03	JUNCTION	0.01	0.12	97.85	0 21:06	0.12
ARDJ04	JUNCTION	0.02	0.15	97.69	0 12:00	0.15
ARDJ05	JUNCTION	0.02	0.16	97.61	0 12:00	0.16
ARDJ06	JUNCTION	0.02	0.19	97.47	0 12:01	0.19
ARDJ07	JUNCTION	0.02	0.22	97.27	0 12:01	0.22
ARDJ08	JUNCTION	0.02	0.20	97.19	0 12:02	0.20
ARDJ09	JUNCTION	0.02	0.23	96.82	0 12:03	0.23
ARDJ10	JUNCTION	0.02	0.24	96.56	0 12:04	0.24
ARDJ11	JUNCTION	0.02	0.24	96.32	0 12:06	0.24
ARDJ12	JUNCTION	0.02	0.20	96.05	0 12:03	0.20
ARDJ13	JUNCTION	0.01	0.14	95.64	0 12:04	0.14
ARDJ14	JUNCTION	0.02	0.19	95.55	0 12:03	0.19
DDJ01	JUNCTION	0.03	0.16	95.63	0 12:02	0.16

DDJ02	JUNCTION	0.01	0.07	95.50	0	12:03	0.07
DDJ03	JUNCTION	0.01	0.07	95.45	0	12:04	0.07
DDJ04	JUNCTION	0.01	0.08	95.41	0	12:07	0.08
DDJ05	JUNCTION	0.01	0.09	95.33	0	12:11	0.09
DDJ06	JUNCTION	0.01	0.09	95.26	0	12:25	0.09
J1	JUNCTION	0.00	0.05	93.75	0	12:03	0.05
J100	JUNCTION	0.00	0.04	98.42	0	12:01	0.04
J1010	JUNCTION	0.05	0.24	93.94	0	13:25	0.24
J102	JUNCTION	0.00	0.03	98.28	0	12:01	0.03
J1036	JUNCTION	0.05	0.17	93.68	0	12:23	0.17
J109	JUNCTION	0.00	0.04	98.39	0	12:03	0.04
J11	JUNCTION	0.04	0.18	95.85	0	13:33	0.18
J112	JUNCTION	0.00	0.03	97.57	0	12:00	0.03
J114	JUNCTION	0.00	0.02	97.68	0	12:08	0.02
J1142	JUNCTION	0.02	0.11	93.59	0	12:02	0.11
J116	JUNCTION	0.00	0.03	96.49	0	12:00	0.03
J12_1	JUNCTION	0.00	0.00	96.33	0	12:03	0.00
J1209	JUNCTION	0.07	0.28	94.96	0	15:00	0.28
J1210	JUNCTION	0.01	0.06	97.44	0	12:02	0.06
J1213	JUNCTION	0.03	0.11	94.91	0	12:04	0.11
J1216	JUNCTION	0.02	0.09	96.74	0	13:48	0.09
J1219	JUNCTION	0.03	0.13	96.32	0	13:22	0.13
J1222	JUNCTION	0.01	0.05	96.03	0	12:30	0.05
J1225	JUNCTION	0.02	0.08	98.31	0	13:30	0.08
J1227	JUNCTION	0.01	0.07	98.57	0	12:03	0.07
J1229	JUNCTION	0.01	0.06	97.25	0	13:08	0.06
J1231	JUNCTION	0.03	0.15	97.59	0	12:41	0.15
J1232	JUNCTION	0.01	0.08	96.89	0	12:03	0.08
J1233	JUNCTION	0.11	0.30	93.10	0	14:52	0.30
J124	JUNCTION	0.00	0.01	97.68	0	12:01	0.01
J1240	JUNCTION	0.03	0.17	94.87	0	13:04	0.17
J1241	JUNCTION	0.03	0.14	95.32	0	14:37	0.14
J1249	JUNCTION	0.06	0.25	95.05	0	14:50	0.25
J1254	JUNCTION	0.02	0.11	96.85	0	13:39	0.11
J1258	JUNCTION	0.00	0.02	96.18	0	12:02	0.02
J1259	JUNCTION	0.01	0.07	95.61	0	12:17	0.07
J126	JUNCTION	0.03	0.12	97.43	0	12:50	0.12
J1260	JUNCTION	0.02	0.16	95.68	0	12:00	0.16
J1268	JUNCTION	0.03	0.15	95.35	0	12:47	0.15
J1270	JUNCTION	0.05	0.23	95.21	0	14:41	0.23
J1272	JUNCTION	0.04	0.21	93.89	0	12:03	0.21
J1273	JUNCTION	0.04	0.20	97.03	0	13:12	0.20
J1276	JUNCTION	0.01	0.13	93.91	0	12:00	0.13
J1277	JUNCTION	0.01	0.07	97.25	0	12:23	0.07
J1278	JUNCTION	0.05	0.22	94.28	0	13:17	0.22
J1279	JUNCTION	0.01	0.05	97.50	0	12:23	0.05
J1280	JUNCTION	0.01	0.07	97.32	0	12:14	0.07
J1294	JUNCTION	0.02	0.10	97.12	0	13:29	0.10
J1299	JUNCTION	0.01	0.08	95.22	0	12:02	0.08
J13	JUNCTION	0.02	0.11	98.35	0	12:00	0.11
J1300	JUNCTION	0.06	0.12	97.29	0	12:14	0.12
J1301	JUNCTION	0.05	0.25	95.86	0	14:32	0.25
J1306	JUNCTION	0.01	0.04	97.56	0	12:10	0.04
J1308	JUNCTION	0.01	0.07	94.88	0	12:02	0.07
J1314	JUNCTION	0.02	0.10	95.94	0	12:05	0.10
J1318	JUNCTION	0.05	0.23	95.59	0	12:34	0.23
J1322	JUNCTION	0.01	0.07	94.02	0	12:00	0.07
J1324	JUNCTION	0.03	0.16	97.71	0	12:34	0.16
J1325	JUNCTION	0.03	0.20	93.89	0	12:03	0.20
J1329	JUNCTION	0.05	0.25	94.83	0	13:06	0.25
J1330	JUNCTION	0.02	0.09	93.62	0	12:27	0.09
J1331	JUNCTION	0.03	0.17	94.76	0	12:22	0.17
J1332	JUNCTION	0.03	0.14	95.96	0	13:37	0.14
J1334	JUNCTION	0.02	0.09	94.56	0	14:07	0.09
J1335	JUNCTION	0.03	0.12	93.26	0	12:35	0.12
J1338	JUNCTION	0.02	0.12	97.20	0	13:08	0.12
J1344	JUNCTION	0.07	0.27	97.01	0	13:14	0.27
J1348	JUNCTION	0.05	0.23	94.67	0	13:07	0.23
J135	JUNCTION	0.00	0.01	97.18	0	12:03	0.01
J1352	JUNCTION	0.06	0.26	93.44	0	13:34	0.26
J1355	JUNCTION	0.04	0.17	94.72	0	15:00	0.17
J138	JUNCTION	0.01	0.03	98.50	0	12:08	0.03
J140	JUNCTION	0.01	0.03	98.33	0	12:23	0.03
J142	JUNCTION	0.03	0.14	96.79	0	13:20	0.14
J15	JUNCTION	0.01	0.05	96.40	0	12:02	0.05
J153	JUNCTION	0.00	0.04	97.10	0	12:04	0.04
J159	JUNCTION	0.01	0.06	96.85	0	13:38	0.06
J161	JUNCTION	0.00	0.02	97.76	0	12:00	0.02
J165	JUNCTION	0.01	0.05	96.59	0	12:01	0.05
J167	JUNCTION	0.00	0.02	97.53	0	12:01	0.02
J169	JUNCTION	0.02	0.09	97.08	0	13:37	0.09
J17	JUNCTION	0.08	0.18	98.35	0	13:03	0.18
J172	JUNCTION	0.00	0.02	96.78	0	12:01	0.02
J18	JUNCTION	0.02	0.11	95.21	0	09:06	0.11
J19	JUNCTION	0.01	0.12	93.38	0	12:02	0.12
J199	JUNCTION	0.00	0.01	97.56	0	12:05	0.01
J2	JUNCTION	0.06	0.23	94.12	0	15:01	0.23
J20	JUNCTION	0.04	0.13	98.35	0	12:01	0.13
J205	JUNCTION	0.05	0.14	97.14	0	13:25	0.14
J209	JUNCTION	0.02	0.10	96.43	0	13:51	0.10
J217	JUNCTION	0.00	0.04	97.28	0	12:01	0.04
J219	JUNCTION	0.01	0.05	97.44	0	12:42	0.05
J221	JUNCTION	0.11	0.31	95.36	0	13:44	0.31
J225	JUNCTION	0.02	0.05	97.28	0	12:01	0.05
J229	JUNCTION	0.01	0.06	96.45	0	12:00	0.06
J23	JUNCTION	0.14	0.23	98.34	0	13:05	0.23
J241	JUNCTION	0.00	0.03	96.41	0	12:04	0.03
J254	JUNCTION	0.00	0.03	97.13	0	12:00	0.03
J273	JUNCTION	0.01	0.06	97.19	0	12:01	0.06
J275	JUNCTION	0.01	0.04	96.20	0	12:12	0.04
J28	JUNCTION	0.05	0.14	98.34	0	13:06	0.14
J283	JUNCTION	0.02	0.10	96.21	0	13:58	0.10
J294	JUNCTION	0.02	0.08	96.28	0	13:54	0.08

J299	JUNCTION	0.00	0.03	96.11	0	12:03	0.03
J3	JUNCTION	0.31	0.43	93.84	0	15:01	0.43
J30	JUNCTION	0.01	0.06	97.69	0	12:00	0.06
J304	JUNCTION	0.01	0.06	96.03	0	12:00	0.06
J319	JUNCTION	0.02	0.09	95.97	0	13:38	0.09
J32	JUNCTION	0.08	0.16	98.34	0	13:07	0.16
J329	JUNCTION	0.00	0.03	95.19	0	12:00	0.03
J35	JUNCTION	0.20	0.30	98.34	0	13:07	0.30
J355	JUNCTION	0.00	0.02	94.32	0	14:07	0.02
J36	JUNCTION	0.01	0.06	93.48	0	12:04	0.06
J360	JUNCTION	0.00	0.03	95.94	0	12:00	0.03
J362	JUNCTION	0.01	0.06	96.35	0	12:08	0.06
J37	JUNCTION	0.01	0.08	99.00	0	12:00	0.08
J372	JUNCTION	0.01	0.06	96.64	0	12:05	0.06
J384	JUNCTION	0.01	0.07	94.93	0	12:03	0.07
J39	JUNCTION	0.01	0.05	97.83	0	12:02	0.05
J392	JUNCTION	0.00	0.04	95.38	0	12:00	0.04
J394	JUNCTION	0.00	0.04	95.18	0	12:00	0.04
J396	JUNCTION	0.01	0.05	95.05	0	12:01	0.05
J398	JUNCTION	0.02	0.15	95.86	0	14:32	0.15
J41	JUNCTION	0.00	0.04	98.14	0	12:00	0.04
J419	JUNCTION	0.02	0.10	95.99	0	12:09	0.10
J43	JUNCTION	0.26	0.33	98.31	0	13:30	0.33
J433	JUNCTION	0.01	0.07	95.77	0	12:00	0.07
J443	JUNCTION	0.02	0.14	95.80	0	11:53	0.14
J447	JUNCTION	0.00	0.04	95.44	0	12:00	0.04
J449	JUNCTION	0.02	0.12	94.86	0	12:12	0.12
J451	JUNCTION	0.01	0.08	95.33	0	12:01	0.08
J453	JUNCTION	0.01	0.06	94.87	0	12:04	0.06
J455	JUNCTION	0.02	0.09	95.65	0	12:05	0.09
J458	JUNCTION	0.02	0.17	95.67	0	12:01	0.17
J46	JUNCTION	0.01	0.07	95.73	0	12:00	0.07
J462	JUNCTION	0.04	0.16	94.73	0	14:49	0.16
J467	JUNCTION	0.01	0.10	95.37	0	12:00	0.10
J47	JUNCTION	0.00	0.01	95.76	0	12:11	0.01
J472	JUNCTION	0.01	0.10	95.37	0	12:00	0.10
J475	JUNCTION	0.01	0.10	95.26	0	12:02	0.10
J479	JUNCTION	0.12	0.25	94.86	0	12:11	0.25
J48	JUNCTION	0.01	0.07	97.51	0	12:01	0.07
J491	JUNCTION	0.05	0.19	94.81	0	12:29	0.19
J50	JUNCTION	0.02	0.15	94.85	0	12:13	0.15
J51	JUNCTION	0.04	0.19	95.77	0	13:35	0.19
J52	JUNCTION	0.01	0.07	98.67	0	12:07	0.07
J523	JUNCTION	0.04	0.17	94.60	0	12:39	0.17
J525	JUNCTION	0.04	0.20	95.60	0	12:33	0.20
J54	JUNCTION	0.02	0.08	97.44	0	12:02	0.08
J55	JUNCTION	0.06	0.25	95.35	0	12:23	0.25
J56	JUNCTION	0.01	0.06	97.46	0	12:07	0.06
J562	JUNCTION	0.09	0.35	94.92	0	15:05	0.35
J57	JUNCTION	0.00	0.00	95.59	0	00:00	0.00
J576	JUNCTION	0.02	0.15	95.21	0	14:41	0.15
J58	JUNCTION	0.01	0.06	93.77	0	14:20	0.06
J580	JUNCTION	0.00	0.03	94.52	0	12:01	0.03
J584	JUNCTION	0.03	0.16	95.43	0	12:34	0.16
J59	JUNCTION	0.01	0.08	98.97	0	12:00	0.08
J596	JUNCTION	0.01	0.09	95.37	0	12:00	0.09
J598	JUNCTION	0.04	0.20	94.12	0	15:01	0.20
J602	JUNCTION	0.00	0.02	95.24	0	12:03	0.02
J61	JUNCTION	0.00	0.03	98.65	0	12:01	0.03
J611	JUNCTION	0.00	0.04	95.17	0	12:00	0.04
J623	JUNCTION	0.01	0.08	95.11	0	12:00	0.08
J63	JUNCTION	0.02	0.08	97.44	0	12:02	0.08
J633	JUNCTION	0.09	0.23	93.87	0	15:02	0.23
J644	JUNCTION	0.00	0.04	95.01	0	12:02	0.04
J646	JUNCTION	0.01	0.06	95.05	0	12:02	0.06
J650	JUNCTION	0.05	0.21	95.07	0	12:59	0.21
J658	JUNCTION	0.01	0.08	95.10	0	12:02	0.08
J66	JUNCTION	0.00	0.02	98.99	0	12:00	0.02
J660	JUNCTION	0.01	0.06	95.05	0	12:03	0.06
J664	JUNCTION	0.01	0.07	95.06	0	12:04	0.07
J668	JUNCTION	0.02	0.10	94.06	0	12:13	0.10
J673	JUNCTION	0.25	0.38	93.85	0	15:01	0.38
J676	JUNCTION	0.03	0.14	94.92	0	13:02	0.14
J68	JUNCTION	0.01	0.06	97.73	0	12:00	0.06
J684	JUNCTION	0.01	0.05	95.01	0	12:02	0.05
J686	JUNCTION	0.02	0.10	94.96	0	12:00	0.10
J693	JUNCTION	0.04	0.17	95.04	0	13:00	0.17
J70	JUNCTION	0.04	0.19	95.65	0	13:41	0.19
J703	JUNCTION	0.01	0.05	94.99	0	13:10	0.05
J710	JUNCTION	0.01	0.04	94.42	0	12:03	0.04
J712	JUNCTION	0.04	0.17	95.01	0	13:00	0.17
J718	JUNCTION	0.01	0.05	94.98	0	13:24	0.05
J72	JUNCTION	0.01	0.08	98.20	0	12:09	0.08
J728	JUNCTION	0.01	0.07	94.94	0	12:00	0.07
J744	JUNCTION	0.01	0.10	94.60	0	12:05	0.10
J746	JUNCTION	0.01	0.09	94.69	0	12:04	0.09
J748	JUNCTION	0.02	0.12	94.66	0	12:04	0.12
J75	JUNCTION	0.01	0.08	97.72	0	12:34	0.08
J757	JUNCTION	0.01	0.10	94.83	0	12:01	0.10
J76	JUNCTION	0.15	0.33	95.74	0	14:34	0.33
J761	JUNCTION	0.02	0.11	94.94	0	12:03	0.11
J77	JUNCTION	0.01	0.05	97.45	0	12:00	0.05
J777	JUNCTION	0.05	0.24	94.84	0	13:05	0.24
J779	JUNCTION	0.01	0.04	94.96	0	12:02	0.04
J797	JUNCTION	0.01	0.09	94.80	0	12:02	0.09
J803	JUNCTION	0.01	0.10	94.37	0	12:00	0.10
J81	JUNCTION	0.16	0.38	95.86	0	14:32	0.38
J82	JUNCTION	0.00	0.02	100.51	0	12:03	0.02
J834	JUNCTION	0.04	0.13	94.93	0	12:09	0.13
J84	JUNCTION	0.00	0.02	98.36	0	11:51	0.02
J86	JUNCTION	0.03	0.19	97.01	0	13:14	0.19
J87	JUNCTION	0.03	0.14	94.99	0	12:53	0.14
J88	JUNCTION	0.03	0.13	96.88	0	13:19	0.13

J9	JUNCTION	0.06	0.15	98.35	0	12:02	0.15
J9_1	JUNCTION	0.00	0.04	96.34	0	12:00	0.04
J90	JUNCTION	0.01	0.05	97.28	0	12:16	0.05
J92	JUNCTION	0.00	0.01	101.19	0	12:00	0.01
J923	JUNCTION	0.01	0.11	94.23	0	12:02	0.11
J925	JUNCTION	0.02	0.09	94.56	0	14:12	0.09
J929	JUNCTION	0.02	0.11	94.55	0	12:04	0.11
J95	JUNCTION	0.00	0.03	97.26	0	11:53	0.03
J954	JUNCTION	0.00	0.00	94.70	0	00:00	0.00
J964	JUNCTION	0.02	0.08	94.56	0	14:04	0.08
Mesure_point	JUNCTION	0.04	0.17	95.12	0	12:44	0.17
NOF1_1	JUNCTION	0.08	0.30	92.49	0	12:33	0.30
PDJ01	JUNCTION	0.01	0.21	96.26	0	12:00	0.21
PDJ02	JUNCTION	0.01	0.24	96.25	0	12:00	0.24
PDJ03	JUNCTION	0.01	0.24	96.24	0	12:00	0.24
PDJ04	JUNCTION	0.01	0.28	96.23	0	12:00	0.28
PDJ05	JUNCTION	0.01	0.36	96.20	0	12:00	0.36
PDJ06	JUNCTION	0.02	0.39	96.19	0	12:00	0.39
PDJ07	JUNCTION	0.02	0.40	96.22	0	12:01	0.40
PDJ08	JUNCTION	0.01	0.31	96.24	0	12:00	0.31
PDJ09	JUNCTION	0.02	0.29	96.26	0	12:00	0.29
PDJ10	JUNCTION	0.00	0.18	96.27	0	12:00	0.18
NOF1	OUTFALL	0.02	0.13	92.13	0	12:33	0.13
NOF2	OUTFALL	0.02	0.10	93.10	0	12:06	0.10
Outfall_A	OUTFALL	0.07	0.29	92.93	0	13:36	0.29
Outfall_B	OUTFALL	0.05	0.17	92.97	0	14:52	0.17
POND	STORAGE	1.09	1.47	95.87	0	13:46	1.47

Node Inflow Summary

Node	Type	Maximum Lateral Inflow CMS	Maximum Total Inflow CMS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent
15017	JUNCTION	0.003	0.003	0 12:00	0.0298	0.0418	1.573
15023	JUNCTION	0.000	0.002	0 12:00	0	0.0404	0.230
15115	JUNCTION	0.000	0.010	0 12:04	0	0.132	0.200
15169	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
15183	JUNCTION	0.001	0.001	0 11:51	0.0121	0.0128	6.671
15526	JUNCTION	0.000	0.001	0 13:32	0	0.0403	-0.004
15536	JUNCTION	0.000	0.001	0 13:33	0	0.0403	0.320
16468	JUNCTION	0.000	0.006	0 12:00	0	0.0713	-0.032
16472	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16496	JUNCTION	0.007	0.007	0 12:00	0.0714	0.072	-0.022
16553	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16555	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16576	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16611	JUNCTION	0.006	0.006	0 12:00	0.0602	0.0602	-0.003
16639	JUNCTION	0.000	0.006	0 12:00	0	0.0602	-0.581
16641	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16677	JUNCTION	0.002	0.104	0 13:20	0.0258	3.34	0.016
16797	JUNCTION	0.000	0.014	0 12:16	0	0.244	-0.025
16799	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16815	JUNCTION	0.000	0.014	0 12:15	0	0.244	0.006
16874	JUNCTION	0.000	0.014	0 12:14	0	0.244	-0.004
16876	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16902	JUNCTION	0.000	0.014	0 12:11	0	0.244	0.047
17000	JUNCTION	0.004	0.014	0 12:06	0.0342	0.244	0.003
17050	JUNCTION	0.000	0.018	0 12:01	0	0.21	0.061
17077	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17111	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17114	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17125	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17181	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17189	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17196	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17316	JUNCTION	0.008	0.008	0 12:00	0.0896	0.13	-0.026
30259	JUNCTION	0.000	0.107	0 12:33	0	2.46	0.042
30475	JUNCTION	0.034	0.088	0 12:00	0.363	1.6	0.340
30654	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
30690	JUNCTION	0.020	0.020	0 12:00	0.204	0.204	-0.015
30703	JUNCTION	0.000	0.020	0 12:00	0	0.204	-0.016
30723	JUNCTION	0.000	0.018	0 12:01	0	0.208	-0.018
30741	JUNCTION	0.006	0.022	0 12:04	0.0645	0.277	0.024
30776	JUNCTION	0.017	0.260	0 13:32	0.18	9.29	0.066
30790	JUNCTION	0.000	0.057	0 12:04	0	1.03	-0.017
30821	JUNCTION	0.019	0.059	0 12:01	0.19	1.03	-0.003
30846	JUNCTION	0.009	0.009	0 12:00	0.102	0.102	-0.008
30874	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
30901	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
30961	JUNCTION	0.044	0.044	0 12:00	0.466	0.466	0.001
31055	JUNCTION	0.036	0.090	0 12:00	0.372	2.44	0.019
31056	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
31282	JUNCTION	0.031	0.033	0 12:00	0.328	0.878	0.738
31294	JUNCTION	0.030	0.065	0 12:00	0.315	1.62	0.285
31330	JUNCTION	0.000	0.025	0 12:02	0	0.263	-0.038
31346	JUNCTION	0.004	0.038	0 12:00	0.044	0.581	0.049
31478	JUNCTION	0.002	0.017	0 12:00	0.0216	0.169	0.443
31499	JUNCTION	0.020	0.021	0 12:00	0.22	0.221	0.233
31616	JUNCTION	0.001	0.060	0 12:00	0.0111	0.752	-0.029
31659	JUNCTION	0.011	0.236	0 15:03	0.116	8.73	0.009
31679	JUNCTION	0.000	0.215	0 15:04	0	7.87	0.003
31692	JUNCTION	0.000	0.215	0 15:03	0	7.87	0.006
31717	JUNCTION	0.000	0.215	0 15:02	0	7.87	0.011
31727	JUNCTION	0.000	0.009	0 12:03	0	0.185	3.908
31735	JUNCTION	0.005	0.012	0 12:00	0.0543	0.184	0.057
33074	JUNCTION	0.000	0.007	0 12:07	0	0.178	0.534
33088	JUNCTION	0.000	0.007	0 12:13	0	0.176	0.044

33102	JUNCTION	0.000	0.006	0	12:15	0	0.176	-0.258
33116	JUNCTION	0.000	0.008	0	12:16	0	0.176	0.331
33130	JUNCTION	0.000	0.006	0	12:42	0	0.176	0.011
33147	JUNCTION	0.000	0.215	0	15:01	0	7.87	0.005
33161	JUNCTION	0.000	0.215	0	15:02	0	7.87	-0.000
35248	JUNCTION	0.000	0.006	0	12:03	0	0.0713	0.028
35262	JUNCTION	0.000	0.006	0	12:00	0	0.0714	0.037
ARDJ01	JUNCTION	0.000	0.025	0	20:58	0	0.655	-0.009
ARDJ02	JUNCTION	0.011	0.026	0	21:00	0.0291	0.684	0.005
ARDJ03	JUNCTION	0.009	0.025	0	21:10	0.0237	0.708	-0.020
ARDJ04	JUNCTION	0.029	0.048	0	12:00	0.0803	0.788	0.020
ARDJ05	JUNCTION	0.000	0.047	0	12:00	0	0.788	-0.041
ARDJ06	JUNCTION	0.025	0.071	0	12:00	0.0676	0.856	0.019
ARDJ07	JUNCTION	0.031	0.095	0	12:00	0.084	0.94	0.019
ARDJ08	JUNCTION	0.000	0.090	0	12:00	0	0.94	-0.056
ARDJ09	JUNCTION	0.029	0.109	0	12:00	0.08	1.02	0.019
ARDJ10	JUNCTION	0.024	0.111	0	12:01	0.0647	1.08	-0.000
ARDJ11	JUNCTION	0.019	0.112	0	12:02	0.0528	1.14	0.030
ARDJ12	JUNCTION	0.021	0.112	0	12:02	0.0592	1.2	-0.002
ARDJ13	JUNCTION	0.000	0.111	0	12:04	0	1.2	0.002
ARDJ14	JUNCTION	0.009	0.127	0	12:02	0.0252	1.51	-0.003
DDJ01	JUNCTION	0.000	0.032	0	12:01	0	0.43	0.004
DDJ02	JUNCTION	0.000	0.032	0	12:02	0	0.43	-0.006
DDJ03	JUNCTION	0.000	0.032	0	12:03	0	0.43	-0.001
DDJ04	JUNCTION	0.007	0.034	0	12:03	0.0613	0.491	-0.005
DDJ05	JUNCTION	0.008	0.034	0	12:07	0.0899	0.581	-0.009
DDJ06	JUNCTION	0.016	0.040	0	12:13	0.136	0.717	0.059
J1	JUNCTION	0.000	0.014	0	11:51	0	0.0891	-0.500
J100	JUNCTION	0.006	0.027	0	12:00	0.0592	0.311	-0.002
J1010	JUNCTION	0.022	0.175	0	13:17	0.242	6.09	-0.010
J102	JUNCTION	0.006	0.016	0	12:00	0.0674	0.171	-0.017
J1036	JUNCTION	0.015	0.056	0	12:00	0.157	1.34	0.274
J109	JUNCTION	0.008	0.033	0	12:00	0.0791	0.39	-0.024
J11	JUNCTION	0.000	0.108	0	13:27	0	3.5	0.026
J112	JUNCTION	0.018	0.018	0	12:00	0.187	0.187	-0.041
J114	JUNCTION	0.003	0.015	0	12:01	0.0344	0.205	0.014
J1142	JUNCTION	0.041	0.041	0	12:00	0.449	0.449	-0.208
J116	JUNCTION	0.016	0.016	0	12:00	0.167	0.167	-0.009
J12_1	JUNCTION	0.000	0.000	0	12:00	0	1.56e-05	9.639 ltr
J1209	JUNCTION	0.012	0.144	0	14:46	0.132	5.07	0.003
J1210	JUNCTION	0.003	0.014	0	12:00	0.0292	0.158	-0.102
J1213	JUNCTION	0.006	0.027	0	12:00	0.0515	0.346	0.348
J1216	JUNCTION	0.008	0.091	0	13:40	0.0863	2.88	0.006
J1219	JUNCTION	0.006	0.094	0	13:20	0.0548	3.01	-0.003
J1222	JUNCTION	0.013	0.030	0	12:00	0.137	0.624	0.001
J1225	JUNCTION	0.004	0.026	0	12:43	0.0452	0.761	0.018
J1227	JUNCTION	0.004	0.038	0	12:01	0.0376	0.533	0.024
J1229	JUNCTION	0.003	0.031	0	12:40	0.0306	0.84	0.019
J1231	JUNCTION	0.011	0.060	0	12:32	0.115	1.79	0.013
J1232	JUNCTION	0.009	0.029	0	12:00	0.0964	0.328	0.033
J1233	JUNCTION	0.029	0.372	0	14:47	0.289	14.6	0.056
J124	JUNCTION	0.002	0.002	0	12:00	0.0261	0.0261	0.005
J1240	JUNCTION	0.011	0.079	0	13:00	0.112	2.45	0.004
J1241	JUNCTION	0.010	0.124	0	14:35	0.109	4.22	0.000
J1249	JUNCTION	0.040	0.138	0	14:40	0.437	4.81	-0.006
J1254	JUNCTION	0.004	0.086	0	13:33	0.0465	2.7	0.006
J1258	JUNCTION	0.016	0.016	0	12:00	0.163	0.163	-0.367
J1259	JUNCTION	0.007	0.015	0	12:00	0.065	0.252	-0.041
J126	JUNCTION	0.013	0.063	0	12:45	0.137	1.92	-0.017
J1260	JUNCTION	0.033	0.033	0	12:00	0.352	0.352	-0.038
J1268	JUNCTION	0.006	0.068	0	12:32	0.062	2.06	0.008
J1270	JUNCTION	0.002	0.128	0	14:37	0.0119	4.37	0.009
J1272	JUNCTION	0.017	0.054	0	12:00	0.134	0.675	0.007
J1273	JUNCTION	0.004	0.065	0	12:51	0.0428	1.97	0.012
J1276	JUNCTION	0.046	0.046	0	12:00	0.501	0.501	-0.051
J1277	JUNCTION	0.000	0.047	0	12:15	0	0.981	-0.005
J1278	JUNCTION	0.029	0.171	0	12:00	0.317	5.85	0.004
J1279	JUNCTION	0.005	0.025	0	12:03	0.0417	0.602	0.008
J1280	JUNCTION	0.007	0.045	0	12:09	0.0648	0.794	-0.001
J1294	JUNCTION	0.006	0.076	0	13:19	0.0678	2.33	0.006
J1299	JUNCTION	0.005	0.041	0	12:01	0.0456	0.47	-0.047
J13	JUNCTION	0.012	0.012	0	12:00	0.133	0.133	-0.019
J1300	JUNCTION	0.003	0.023	0	12:03	0.0304	0.404	2.403
J1301	JUNCTION	0.013	0.122	0	14:03	0.14	4.06	0.022
J1306	JUNCTION	0.000	0.041	0	12:06	0	0.595	0.016
J1308	JUNCTION	0.032	0.040	0	12:00	0.343	0.728	-0.062
J1314	JUNCTION	0.000	0.042	0	12:00	0	0.734	-0.056
J1318	JUNCTION	0.018	0.069	0	12:00	0.182	1.68	0.018
J1322	JUNCTION	0.025	0.025	0	12:00	0.269	0.269	-0.095
J1324	JUNCTION	0.007	0.053	0	12:28	0.0775	1.5	0.034
J1325	JUNCTION	0.004	0.047	0	12:00	0.0402	0.542	0.037
J1329	JUNCTION	0.012	0.147	0	13:00	0.1	4.65	0.004
J1330	JUNCTION	0.002	0.041	0	12:24	0.0243	1.36	0.004
J1331	JUNCTION	0.005	0.049	0	12:13	0.049	0.997	0.028
J1332	JUNCTION	0.000	0.114	0	13:56	0	3.67	0.007
J1334	JUNCTION	0.012	0.012	0	12:00	0.162	0.187	-0.022
J1335	JUNCTION	0.028	0.053	0	12:00	0.3	0.75	0.227
J1338	JUNCTION	0.023	0.072	0	12:30	0.228	2.05	0.009
J1344	JUNCTION	0.004	0.082	0	13:02	0.0428	2.54	0.049
J1348	JUNCTION	0.094	0.164	0	12:00	0.887	5.53	-0.011
J135	JUNCTION	0.004	0.004	0	12:00	0.0423	0.0423	-0.136
J1352	JUNCTION	0.035	0.218	0	13:25	0.357	7.81	0.004
J1355	JUNCTION	0.000	0.176	0	14:56	0	6.33	0.003
J138	JUNCTION	0.016	0.028	0	12:00	0.172	0.375	0.006
J140	JUNCTION	0.013	0.025	0	12:00	0.134	0.509	-0.007
J142	JUNCTION	0.000	0.088	0	13:19	0	2.78	0.005
J15	JUNCTION	0.015	0.015	0	12:00	0.165	0.165	-0.520
J153	JUNCTION	0.000	0.016	0	12:00	0	0.163	-0.072
J159	JUNCTION	0.016	0.016	0	12:00	0.164	0.164	-0.012
J161	JUNCTION	0.005	0.005	0	12:00	0.052	0.052	-0.018
J165	JUNCTION	0.029	0.029	0	12:00	0.313	0.313	-0.047
J167	JUNCTION	0.012	0.014	0	12:00	0.107	0.133	-0.019
J169	JUNCTION	0.000	0.080	0	13:30	0	2.49	0.012

J17	JUNCTION	0.011	0.046	0	12:00	0.11	0.528	1.232
J172	JUNCTION	0.009	0.009	0	12:00	0.0922	0.0922	-0.078
J18	JUNCTION	0.000	0.025	0	08:58	0	1.08	-0.059
J19	JUNCTION	0.060	0.060	0	12:00	0.488	0.488	-0.360
J199	JUNCTION	0.000	0.005	0	12:01	0	0.052	0.014
J2	JUNCTION	0.000	0.183	0	15:00	0	6.64	-0.002
J20	JUNCTION	0.024	0.035	0	12:00	0.251	0.384	0.067
J205	JUNCTION	0.017	0.073	0	13:08	0.179	2.23	0.384
J209	JUNCTION	0.003	0.092	0	13:47	0.03	2.91	0.006
J217	JUNCTION	0.008	0.015	0	12:00	0.0819	0.175	-0.019
J219	JUNCTION	0.003	0.025	0	12:24	0.0323	0.634	-0.001
J221	JUNCTION	0.010	0.111	0	13:40	0.0995	3.65	0.164
J225	JUNCTION	0.009	0.009	0	12:00	0.0941	0.0943	0.792
J229	JUNCTION	0.006	0.006	0	12:00	0.0604	0.0604	-0.027
J23	JUNCTION	0.005	0.039	0	12:01	0.0234	0.546	2.976
J241	JUNCTION	0.000	0.006	0	12:00	0	0.0604	-0.068
J254	JUNCTION	0.006	0.006	0	12:00	0.0638	0.0638	-0.060
J273	JUNCTION	0.017	0.017	0	12:00	0.168	0.168	-0.058
J275	JUNCTION	0.005	0.026	0	12:01	0.0524	0.366	0.033
J28	JUNCTION	0.005	0.027	0	12:02	0.0542	0.584	0.438
J283	JUNCTION	0.000	0.093	0	13:54	0	2.94	0.004
J294	JUNCTION	0.003	0.093	0	13:52	0.0341	2.94	0.001
J299	JUNCTION	0.011	0.011	0	12:00	0.122	0.122	-0.058
J3	JUNCTION	0.000	0.215	0	14:59	0	7.9	0.417
J30	JUNCTION	0.016	0.016	0	12:00	0.165	0.165	-0.027
J304	JUNCTION	0.019	0.019	0	12:00	0.199	0.199	-0.028
J319	JUNCTION	0.010	0.026	0	12:30	0.1	0.724	-0.000
J32	JUNCTION	0.000	0.021	0	13:03	0	0.631	0.403
J329	JUNCTION	0.003	0.003	0	12:00	0.0329	0.0329	-0.010
J35	JUNCTION	0.006	0.023	0	12:03	0.0605	0.642	1.890
J355	JUNCTION	0.006	0.008	0	12:00	0.062	0.283	-0.036
J36	JUNCTION	0.005	0.050	0	12:01	0.0581	0.836	0.009
J360	JUNCTION	0.008	0.008	0	12:00	0.091	0.091	-0.012
J362	JUNCTION	0.004	0.025	0	12:06	0.0408	0.416	0.006
J37	JUNCTION	0.024	0.024	0	12:00	0.259	0.259	-0.092
J372	JUNCTION	0.005	0.024	0	12:02	0.0474	0.376	0.004
J384	JUNCTION	0.004	0.015	0	12:00	0.0463	0.179	0.000
J39	JUNCTION	0.007	0.017	0	12:00	0.0706	0.176	-0.011
J392	JUNCTION	0.011	0.011	0	12:00	0.115	0.115	-0.088
J394	JUNCTION	0.004	0.007	0	12:00	0.0434	0.0763	-0.010
J396	JUNCTION	0.005	0.012	0	12:00	0.0559	0.132	-0.008
J398	JUNCTION	0.008	0.118	0	13:56	0.0849	3.75	0.013
J41	JUNCTION	0.010	0.010	0	12:00	0.105	0.105	-0.038
J419	JUNCTION	0.011	0.029	0	12:00	0.119	0.536	-0.006
J43	JUNCTION	0.010	0.010	0	12:00	0.09	0.0908	3.308
J433	JUNCTION	0.018	0.018	0	12:00	0.187	0.187	-0.084
J443	JUNCTION	0.038	0.038	0	12:00	0.408	0.408	-0.089
J447	JUNCTION	0.005	0.013	0	12:00	0.0566	0.148	-0.004
J449	JUNCTION	0.000	0.023	0	12:04	0	0.372	-0.008
J451	JUNCTION	0.005	0.025	0	12:00	0.044	0.265	-0.001
J453	JUNCTION	0.003	0.023	0	12:03	0.0271	0.372	-0.003
J455	JUNCTION	0.000	0.016	0	12:00	0	0.187	0.051
J458	JUNCTION	0.007	0.036	0	12:00	0.0771	0.43	0.028
J46	JUNCTION	0.013	0.016	0	12:00	0.153	0.284	0.000
J462	JUNCTION	0.013	0.051	0	12:21	0.123	1.12	-0.016
J467	JUNCTION	0.010	0.021	0	12:00	0.11	0.22	-0.012
J47	JUNCTION	0.000	0.008	0	12:11	0	0.131	0.001
J472	JUNCTION	0.011	0.011	0	12:00	0.11	0.11	0.007
J475	JUNCTION	0.002	0.025	0	12:01	0.0127	0.277	0.010
J479	JUNCTION	0.004	0.042	0	12:02	0.0393	0.512	1.811
J48	JUNCTION	0.004	0.020	0	12:00	0.0449	0.21	-0.030
J491	JUNCTION	0.007	0.141	0	12:26	0.0642	5.2	0.022
J50	JUNCTION	0.010	0.054	0	12:05	0.0758	0.95	-0.033
J51	JUNCTION	0.000	0.108	0	13:33	0	3.5	-0.003
J52	JUNCTION	0.004	0.019	0	12:00	0.0401	0.236	0.133
J523	JUNCTION	0.005	0.142	0	12:32	0.031	5.23	-0.003
J525	JUNCTION	0.009	0.075	0	12:00	0.102	1.24	0.063
J54	JUNCTION	0.005	0.005	0	12:00	0.0525	0.0525	0.198
J55	JUNCTION	0.000	0.140	0	12:16	0	5.15	-0.021
J56	JUNCTION	0.004	0.017	0	12:00	0.0382	0.214	-0.022
J562	JUNCTION	0.014	0.147	0	14:55	0.142	5.22	0.034
J57	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
J576	JUNCTION	0.013	0.013	0	12:00	0.139	0.139	-0.019
J58	JUNCTION	0.006	0.006	0	12:00	0.0585	0.0586	-0.078
J580	JUNCTION	0.008	0.008	0	12:00	0.0839	0.0839	-0.555
J584	JUNCTION	0.010	0.061	0	12:32	0.107	1.78	-0.004
J59	JUNCTION	0.018	0.018	0	12:00	0.196	0.196	-0.131
J596	JUNCTION	0.020	0.020	0	12:00	0.217	0.217	-0.161
J598	JUNCTION	0.031	0.183	0	14:58	0.306	6.64	-0.001
J602	JUNCTION	0.002	0.002	0	12:00	0.0172	0.0172	-0.064
J61	JUNCTION	0.007	0.023	0	12:00	0.0794	0.252	0.002
J611	JUNCTION	0.012	0.012	0	12:00	0.13	0.13	-0.193
J623	JUNCTION	0.008	0.008	0	12:00	0.0882	0.0882	-0.031
J63	JUNCTION	0.000	0.007	0	12:00	0	0.0771	0.433
J633	JUNCTION	0.007	0.185	0	15:01	0.074	6.72	0.071
J644	JUNCTION	0.003	0.003	0	12:00	0.035	0.035	-0.157
J646	JUNCTION	0.012	0.019	0	12:00	0.125	0.261	-0.008
J650	JUNCTION	0.010	0.070	0	12:48	0.104	2.17	0.043
J658	JUNCTION	0.005	0.012	0	12:00	0.0479	0.136	0.028
J66	JUNCTION	0.016	0.016	0	12:00	0.173	0.173	-0.007
J660	JUNCTION	0.004	0.008	0	12:00	0.043	0.128	0.008
J664	JUNCTION	0.007	0.008	0	12:00	0.0685	0.0857	0.289
J668	JUNCTION	0.007	0.054	0	12:04	0.0674	0.972	-0.053
J673	JUNCTION	0.008	0.210	0	14:58	0.0798	7.76	0.497
J676	JUNCTION	0.000	0.075	0	13:00	0	2.34	0.002
J68	JUNCTION	0.016	0.016	0	12:00	0.174	0.174	-0.148
J684	JUNCTION	0.005	0.011	0	12:00	0.0577	0.186	-0.002
J686	JUNCTION	0.014	0.014	0	12:00	0.145	0.145	0.040
J693	JUNCTION	0.005	0.072	0	12:57	0.0493	2.22	0.001
J70	JUNCTION	0.003	0.109	0	13:35	0.033	3.53	0.033
J703	JUNCTION	0.000	0.004	0	12:01	0	0.0363	0.231
J710	JUNCTION	0.003	0.018	0	12:01	0.034	0.295	-0.002
J712	JUNCTION	0.012	0.075	0	13:00	0.125	2.34	-0.001

J718	JUNCTION	0.006	0.006	0	12:00	0.0692	0.105	-0.003
J72	JUNCTION	0.000	0.035	0	12:04	0	0.532	-0.062
J728	JUNCTION	0.007	0.021	0	12:00	0.0747	0.22	-0.007
J744	JUNCTION	0.015	0.041	0	12:00	0.157	0.609	-0.050
J746	JUNCTION	0.003	0.027	0	12:01	0.0359	0.338	0.014
J748	JUNCTION	0.011	0.032	0	12:00	0.114	0.452	-0.009
J75	JUNCTION	0.012	0.030	0	12:30	0.127	0.886	-0.015
J757	JUNCTION	0.008	0.027	0	12:00	0.0818	0.302	0.003
J76	JUNCTION	0.002	0.122	0	14:32	0.0191	4.11	-0.009
J761	JUNCTION	0.013	0.019	0	12:00	0.138	0.294	-0.006
J77	JUNCTION	0.007	0.007	0	12:00	0.0771	0.0771	-0.023
J777	JUNCTION	0.008	0.063	0	12:54	0.0869	2.09	0.018
J779	JUNCTION	0.005	0.008	0	12:00	0.0527	0.157	-0.025
J797	JUNCTION	0.000	0.025	0	12:01	0	0.302	-0.008
J803	JUNCTION	0.060	0.060	0	12:00	0.652	0.652	-0.068
J81	JUNCTION	0.004	0.121	0	14:30	0.0401	4.1	0.006
J82	JUNCTION	0.010	0.019	0	12:00	0.108	0.203	-0.007
J834	JUNCTION	0.010	0.025	0	12:00	0.0914	0.386	0.281
J84	JUNCTION	0.010	0.010	0	12:00	0.103	0.103	-0.008
J86	JUNCTION	0.002	0.023	0	12:16	0.0221	0.532	0.015
J87	JUNCTION	0.002	0.062	0	12:45	0.0219	2.01	-0.007
J88	JUNCTION	0.023	0.088	0	13:16	0.246	2.78	-0.009
J9	JUNCTION	0.004	0.037	0	12:00	0.0351	0.419	0.129
J9_1	JUNCTION	0.000	0.001	0	11:50	0	0.000714	3.718
J90	JUNCTION	0.011	0.022	0	12:15	0.116	0.511	-0.033
J92	JUNCTION	0.010	0.010	0	12:00	0.0955	0.0955	-0.007
J923	JUNCTION	0.051	0.051	0	12:00	0.444	0.444	-0.323
J925	JUNCTION	0.003	0.012	0	12:00	0.036	0.221	0.080
J929	JUNCTION	0.042	0.071	0	12:00	0.454	1.18	-0.073
J95	JUNCTION	0.017	0.017	0	12:00	0.163	0.163	-0.015
J954	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
J964	JUNCTION	0.003	0.004	0	11:56	0.0227	0.0247	0.077
Mesure_point	JUNCTION	0.000	0.059	0	12:25	0	1.8	0.004
NOF1_1	JUNCTION	0.107	0.133	0	12:00	0.865	2.46	-0.076
PDJ01	JUNCTION	0.060	0.060	0	12:00	0.185	0.185	-0.010
PDJ02	JUNCTION	0.000	0.060	0	12:00	0	0.185	0.010
PDJ03	JUNCTION	0.000	0.059	0	12:00	0	0.185	-0.006
PDJ04	JUNCTION	0.084	0.142	0	12:00	0.26	0.445	-0.013
PDJ05	JUNCTION	0.076	0.215	0	12:00	0.235	0.68	0.005
PDJ06	JUNCTION	0.080	0.460	0	12:00	0.247	1.52	0.052
PDJ07	JUNCTION	0.073	0.177	0	12:00	0.23	0.59	0.014
PDJ08	JUNCTION	0.000	0.109	0	12:00	0	0.36	-0.000
PDJ09	JUNCTION	0.088	0.111	0	12:00	0.277	0.36	-0.001
PDJ10	JUNCTION	0.026	0.026	0	12:00	0.0825	0.0825	0.001
NOF1	OUTFALL	0.000	0.107	0	12:33	0	2.46	0.000
NOF2	OUTFALL	0.000	0.070	0	12:06	0	2.44	0.000
Outfall_A	OUTFALL	0.000	0.259	0	13:36	0	9.28	0.000
Outfall_B	OUTFALL	0.000	0.372	0	14:52	0	14.6	0.000
POND	STORAGE	0.077	0.529	0	12:00	0.222	3.2	-0.010

Node Surcharge Summary

Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Meters	Min. Depth Below Rim Meters
16472	JUNCTION	96.00	0.000	0.000
16555	JUNCTION	96.00	0.000	0.000
16641	JUNCTION	96.00	0.000	0.000
16799	JUNCTION	96.00	0.000	0.000
16876	JUNCTION	96.00	0.000	0.000
17114	JUNCTION	96.00	0.000	0.000
17196	JUNCTION	96.00	0.000	0.000
31056	JUNCTION	96.00	0.000	0.000

Node Flooding Summary

No nodes were flooded.

Storage Volume Summary

Storage Unit	Average Volume 1000 m ³	Avg Pcmt Full	Evap Pcmt Loss	Exfil Pcmt Loss	Maximum Volume 1000 m ³	Max Pcmt Full	Time of Max Occurrence days hr:min	Maximum Outflow CMS
POND	1.634	32.7	0.0	0.0	2.371	47.4	0 13:46	0.025

Outfall Loading Summary

Outfall Node	Flow Freq Pcmt	Avg Flow CMS	Max Flow CMS	Total Volume 10 ⁶ ltr
NOF1	62.23	0.019	0.107	2.462
NOF2	84.77	0.014	0.070	2.444
Outfall_A	78.09	0.057	0.259	9.278
Outfall_B	95.75	0.071	0.372	14.603

System 80.21 0.161 0.755 28.788

Link Flow Summary

Link	Type	Maximum Flow CMS	Time of Max Occurrence days hr:min	Maximum Veloc m/sec	Max/ Full Flow	Max/ Full Depth
AR_culvert450	CONDUIT	0.016	0 12:00	0.60	0.06	0.29
ARDC01	CONDUIT	0.026	0 21:00	0.27	0.02	0.16
ARDC02_Culvert450	CONDUIT	0.025	0 21:10	1.47	0.16	0.26
ARDC03	CONDUIT	0.027	0 21:08	0.24	0.02	0.16
ARDC04_Culvert450	CONDUIT	0.047	0 12:00	1.03	0.24	0.34
ARDC05	CONDUIT	0.047	0 12:01	0.25	0.04	0.23
ARDC06	CONDUIT	0.066	0 12:01	0.27	0.05	0.24
ARDC07_Culvert450	CONDUIT	0.090	0 12:00	1.24	0.55	0.47
ARDC08	CONDUIT	0.086	0 12:02	0.33	0.05	0.25
ARDC09	CONDUIT	0.097	0 12:03	0.33	0.06	0.26
ARDC10	CONDUIT	0.104	0 12:04	0.34	0.06	0.25
ARDC11	CONDUIT	0.105	0 12:06	0.38	0.05	0.22
ARDC12	CONDUIT	0.111	0 12:04	0.56	0.02	0.15
ARDC13	CONDUIT	0.110	0 12:04	0.50	0.01	0.11
ARDC14_Culvert600	CONDUIT	0.126	0 12:03	1.65	0.22	0.35
C1_1	CHANNEL	0.055	0 13:00	0.24	0.00	0.18
C1_2	CHANNEL	0.107	0 12:33	0.52	0.01	0.17
C10	CHANNEL	0.006	0 12:01	0.06	0.00	0.13
C103	CONDUIT	0.014	0 12:00	0.13	0.01	0.08
C105	CONDUIT	0.002	0 12:01	0.04	0.00	0.02
C113	CONDUIT	0.001	0 12:03	0.02	0.00	0.04
C115	CONDUIT	0.457	0 12:00	0.90	0.10	0.25
C116	CONDUIT	0.006	0 12:00	0.09	0.00	0.06
C12_1	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C124	CONDUIT	0.016	0 12:00	0.11	0.00	0.09
C128	CONDUIT	0.046	0 12:04	0.23	0.01	0.13
C132	CONDUIT	0.011	0 12:05	0.11	0.01	0.08
C134	CONDUIT	0.019	0 12:00	0.17	0.00	0.09
C137	CONDUIT	0.014	0 12:14	1.04	0.04	0.14
C138	CONDUIT	0.022	0 12:03	0.15	0.00	0.04
C142	CHANNEL	0.372	0 14:52	0.52	0.19	0.17
C144	CONDUIT	0.236	0 15:04	0.82	0.27	0.24
C145	CONDUIT	0.014	0 12:02	0.21	0.00	0.06
C147	CONDUIT	0.259	0 13:36	1.21	0.26	0.37
C153	CONDUIT	0.018	0 12:00	0.13	0.01	0.12
C155	CONDUIT	0.008	0 12:00	0.20	0.00	0.04
C156	CONDUIT	0.013	0 12:00	0.17	0.00	0.19
C16	CONDUIT	0.011	0 12:00	0.08	0.01	0.10
C163	CONDUIT	0.001	0 13:33	0.24	0.01	0.08
C165	CONDUIT	0.017	0 12:00	0.13	0.00	0.04
C167	CONDUIT	0.004	0 12:05	0.05	0.00	0.03
C172	CONDUIT	0.012	0 12:01	0.09	0.00	0.04
C176	CONDUIT	0.020	0 12:00	0.16	0.01	0.09
C180	CONDUIT	0.016	0 12:02	0.27	0.00	0.05
C186	CONDUIT	0.025	0 12:01	0.20	0.01	0.09
C189	CONDUIT	0.008	0 12:11	0.04	0.00	0.02
C190	CONDUIT	0.022	0 12:04	0.23	0.00	0.07
C196	CONDUIT	0.057	0 12:34	0.33	0.04	0.20
C199	CONDUIT	0.012	0 12:07	0.14	0.00	0.07
C2	CHANNEL	0.012	0 12:24	0.10	0.00	0.18
C200	CONDUIT	0.037	0 11:56	0.35	0.01	0.15
C202	CONDUIT	0.023	0 12:01	0.19	0.01	0.09
C207	CONDUIT	0.025	0 12:02	0.21	0.01	0.09
C213	CONDUIT	0.059	0 12:00	0.29	0.01	0.14
C213_1	CONDUIT	0.010	0 12:02	0.10	0.00	0.11
C213_3	CONDUIT	0.108	0 13:33	0.34	0.02	0.18
C213_4	CONDUIT	0.108	0 13:35	0.33	0.02	0.19
C214	CONDUIT	0.002	0 12:03	0.02	0.00	0.05
C218	CHANNEL	0.000	0 00:00	0.00	0.00	0.03
C22	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C221	CONDUIT	0.013	0 12:00	0.20	0.00	0.06
C223	CONDUIT	0.015	0 12:00	0.16	0.00	0.03
C225	CONDUIT	0.012	0 12:07	0.10	0.00	0.09
C226	CONDUIT	0.010	0 12:02	0.06	0.00	0.13
C23	CONDUIT	0.010	0 12:00	0.11	0.00	0.07
C230	CONDUIT	0.000	0 00:00	0.00	0.00	0.00
C231_1	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C231_2	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C233	CONDUIT	0.004	0 12:04	0.05	0.00	0.06
C234	CONDUIT	0.002	0 12:02	0.06	0.00	0.04
C239	CONDUIT	0.033	0 12:00	0.19	0.01	0.14
C24	CONDUIT	0.009	0 12:00	0.15	0.00	0.02
C241	CONDUIT	0.011	0 12:08	0.10	0.00	0.03
C245	CONDUIT	0.024	0 12:02	0.21	0.01	0.09
C248	CONDUIT	0.036	0 12:00	0.17	0.01	0.16
C25	CHANNEL	0.000	0 00:00	0.00	0.00	0.02
C251	CONDUIT	0.006	0 12:03	0.09	0.00	0.05
C256	CONDUIT	0.035	0 12:01	0.10	0.02	0.20
C259	CONDUIT	0.039	0 12:02	0.16	0.00	0.16
C262	CONDUIT	0.025	0 12:04	0.17	0.01	0.11
C263	CONDUIT	0.023	0 12:06	0.29	0.00	0.06
C266	CONDUIT	0.016	0 12:00	0.15	0.00	0.03
C267	CONDUIT	0.021	0 12:01	0.17	0.00	0.03
C268	CONDUIT	0.018	0 12:03	0.24	0.00	0.07
C27	CONDUIT	0.107	0 12:33	0.74	0.09	0.19
C27_1	CHANNEL	0.009	0 12:00	0.10	0.00	0.10
C27_2	CONDUIT	0.047	0 12:04	0.21	0.00	0.04
C271	CONDUIT	0.019	0 12:00	0.25	0.00	0.08
C272	CHANNEL	0.006	0 12:00	0.24	0.00	0.04
C275	CONDUIT	0.029	0 12:04	0.18	0.01	0.11

C276	CONDUIT	0.035	0	12:04	0.37	0.00	0.08
C277	CHANNEL	0.000	0	00:00	0.00	0.00	0.13
C279	CHANNEL	0.006	0	12:00	0.11	0.00	0.05
C282	CONDUIT	0.048	0	12:13	0.12	0.01	0.23
C283	CHANNEL	0.012	0	12:07	0.15	0.03	0.25
C284	CONDUIT	0.011	0	12:17	0.05	0.00	0.15
C285	CONDUIT	0.018	0	12:12	0.12	0.00	0.04
C287	CHANNEL	0.006	0	12:03	0.12	0.00	0.05
C287_1	CONDUIT	0.009	0	12:02	0.09	0.01	0.18
C287_2	CONDUIT	0.061	0	12:53	0.18	0.03	0.28
C288	CONDUIT	0.011	0	12:04	0.08	0.00	0.06
C289	CONDUIT	0.002	0	12:00	0.03	0.00	0.05
C29	CONDUIT	0.007	0	12:01	0.06	0.00	0.05
C291	CONDUIT	0.024	0	12:08	0.21	0.00	0.08
C292	CHANNEL	0.006	0	12:04	0.17	0.00	0.04
C294	CONDUIT	0.026	0	12:01	0.18	0.00	0.04
C296	CONDUIT	0.029	0	12:00	0.12	0.01	0.16
C297_1	CONDUIT	0.028	0	12:05	0.08	0.01	0.20
C299	CHANNEL	0.008	0	12:11	0.59	0.00	0.03
C3	CONDUIT	0.039	0	12:03	0.27	0.07	0.28
C30	CONDUIT	0.016	0	12:00	0.17	0.00	0.08
C300	CONDUIT	0.031	0	12:05	0.22	0.00	0.04
C305	CONDUIT	0.027	0	12:03	0.18	0.01	0.11
C308	CONDUIT	0.035	0	12:09	0.25	0.01	0.10
C309	CONDUIT	0.030	0	12:09	0.19	0.01	0.11
C31	CONDUIT	0.016	0	12:02	0.18	0.00	0.07
C310_1	CONDUIT	0.000	0	00:00	0.00	0.00	0.16
C310_2	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C311	CONDUIT	0.043	0	12:00	0.21	0.01	0.16
C313	CONDUIT	0.016	0	12:10	0.14	0.00	0.03
C314	CHANNEL	0.000	0	00:00	0.00	0.00	0.03
C319	CONDUIT	0.024	0	12:04	0.08	0.01	0.19
C32	CONDUIT	0.009	0	12:00	0.18	0.00	0.05
C320	CONDUIT	0.003	0	13:30	0.07	0.00	0.05
C322	CHANNEL	0.000	0	11:51	0.02	0.00	0.06
C324	CONDUIT	0.022	0	12:30	0.11	0.00	0.07
C326	CHANNEL	0.014	0	12:11	0.16	0.00	0.04
C327	CONDUIT	0.027	0	12:10	0.19	0.01	0.10
C329	CHANNEL	0.002	0	12:00	0.03	0.00	0.04
C33	CONDUIT	0.057	0	12:04	0.27	0.00	0.04
C331	CONDUIT	0.021	0	12:05	0.06	0.00	0.22
C333	CHANNEL	0.001	0	13:32	0.12	0.00	0.03
C334	CONDUIT	0.006	0	12:00	0.63	0.01	0.07
C335	CONDUIT	0.019	0	12:23	0.16	0.00	0.04
C34	CONDUIT	0.056	0	12:05	0.11	0.00	0.10
C340	CONDUIT	0.034	0	12:05	0.15	0.01	0.14
C341	CONDUIT	0.006	0	12:02	0.07	0.00	0.07
C346	CHANNEL	0.001	0	13:32	0.14	0.00	0.05
C35	CONDUIT	0.020	0	17:05	0.05	0.00	0.13
C350	CHANNEL	0.007	0	12:01	0.11	0.00	0.06
C352	CONDUIT	0.021	0	13:03	0.05	0.00	0.23
C353	CHANNEL	0.000	0	00:00	0.00	0.00	0.05
C355	CONDUIT	0.063	0	13:03	0.15	0.06	0.32
C356	CONDUIT	0.041	0	12:23	0.21	0.03	0.13
C359	CONDUIT	0.035	0	12:10	0.17	0.00	0.05
C36	CONDUIT	0.020	0	12:04	0.17	0.00	0.06
C361	CONDUIT	0.009	0	12:03	0.37	0.08	0.24
C363	CONDUIT	0.015	0	12:00	0.10	0.01	0.12
C365	CHANNEL	0.007	0	12:07	0.01	0.00	0.06
C367	CONDUIT	0.023	0	12:26	0.09	0.00	0.11
C371	CHANNEL	0.007	0	12:13	25.96	0.00	0.04
C372	CONDUIT	0.004	0	12:02	0.14	0.00	0.11
C374	CONDUIT	0.026	0	12:42	0.26	0.00	0.08
C375	CONDUIT	0.042	0	12:16	0.16	0.01	0.07
C376	CONDUIT	0.010	0	12:09	0.08	0.03	0.10
C377	CHANNEL	0.006	0	12:15	0.09	0.00	0.04
C378	CHANNEL	0.008	0	12:16	0.11	0.00	0.14
C379	CHANNEL	0.006	0	12:42	0.17	0.00	0.13
C38	CONDUIT	0.016	0	12:00	0.26	0.00	0.07
C381_1	CHANNEL	0.006	0	12:43	0.00	0.00	0.20
C381_2	CHANNEL	0.215	0	15:01	0.11	0.00	0.26
C384	CHANNEL	0.215	0	15:02	0.36	0.01	0.14
C385	CHANNEL	0.215	0	15:02	0.24	0.01	0.23
C388	CONDUIT	0.215	0	15:03	0.61	0.14	0.33
C391	CONDUIT	0.043	0	12:23	0.14	0.01	0.09
C397	CHANNEL	0.215	0	15:04	0.55	0.01	0.20
C398	CHANNEL	0.215	0	15:04	0.48	0.00	0.18
C399	CONDUIT	0.048	0	12:02	0.16	0.02	0.21
C4	CONDUIT	0.015	0	12:00	0.21	0.00	0.06
C401	CONDUIT	0.109	0	13:41	0.22	0.03	0.25
C403	CONDUIT	0.007	0	12:00	0.09	0.00	0.06
C405	CHANNEL	0.046	0	12:03	0.37	0.00	0.12
C407	CHANNEL	0.003	0	14:23	0.05	0.00	0.06
C408	CONDUIT	0.006	0	12:01	0.08	0.00	0.07
C409	CONDUIT	0.024	0	12:42	0.12	0.00	0.06
C41	CONDUIT	0.007	0	12:00	0.09	0.01	0.08
C413	CONDUIT	0.011	0	12:02	0.09	0.00	0.09
C416	CONDUIT	0.031	0	12:47	0.22	0.00	0.12
C42	CONDUIT	0.018	0	12:01	0.12	0.00	0.04
C420	CONDUIT	0.061	0	12:34	0.24	0.02	0.15
C423	CONDUIT	0.052	0	12:36	0.21	0.02	0.15
C425	CHANNEL	0.013	0	12:00	0.06	0.00	0.13
C429	CONDUIT	0.067	0	12:47	0.22	0.02	0.18
C43	CONDUIT	0.020	0	12:00	0.17	0.00	0.03
C432	CONDUIT	0.059	0	12:44	0.28	0.01	0.14
C433	CONDUIT	0.019	0	12:14	0.15	0.00	0.09
C437	CONDUIT	0.022	0	12:16	0.23	0.00	0.12
C439_1	CONDUIT	0.111	0	13:47	0.19	0.03	0.28
C439_2	CONDUIT	0.138	0	12:26	0.33	0.04	0.22
C44	CONDUIT	0.006	0	12:03	0.05	0.00	0.04
C444_2	CONDUIT	0.027	0	09:12	0.26	0.04	0.30
C445	CONDUIT	0.019	0	12:20	0.08	0.00	0.23
C447	CONDUIT	0.063	0	12:50	0.27	0.01	0.16

C448	CONDUIT	0.030	0	13:08	0.08	0.01	0.09
C451	CONDUIT	0.055	0	12:46	0.22	0.14	0.36
C452	CONDUIT	0.070	0	12:57	0.21	0.06	0.19
C455	CONDUIT	0.072	0	12:59	0.25	0.02	0.17
C457	CHANNEL	0.006	0	12:14	0.03	0.05	0.47
C460	CONDUIT	0.075	0	13:00	0.29	0.02	0.16
C465	CONDUIT	0.064	0	13:04	0.14	0.02	0.23
C466	CONDUIT	0.068	0	13:08	0.13	0.02	0.13
C468	CONDUIT	0.075	0	13:02	0.30	0.03	0.20
C469	CONDUIT	0.079	0	13:02	0.21	0.03	0.27
C47	CONDUIT	0.000	0	00:00	0.00	0.00	0.01
C472	CONDUIT	0.082	0	13:15	0.23	0.15	0.20
C474	CHANNEL	0.021	0	12:02	0.07	0.01	0.25
C475	CONDUIT	0.073	0	13:19	0.15	0.01	0.12
C478	CONDUIT	0.146	0	13:06	0.30	0.08	0.30
C481	CONDUIT	0.076	0	13:26	0.20	0.01	0.10
C485	CONDUIT	0.141	0	12:33	0.46	0.02	0.18
C486	CONDUIT	0.088	0	13:19	0.41	0.01	0.14
C49	CONDUIT	0.009	0	12:00	0.03	0.00	0.20
C490	CONDUIT	0.087	0	13:21	0.42	0.01	0.14
C491	CONDUIT	0.139	0	12:39	0.31	0.02	0.23
C493	CHANNEL	0.014	0	14:57	0.04	0.01	0.28
C498	CONDUIT	0.086	0	13:41	0.22	0.01	0.10
C499	CONDUIT	0.094	0	13:22	0.39	0.01	0.15
C5	CONDUIT	0.012	0	12:00	0.11	0.00	0.15
C50	CHANNEL	0.000	0	00:00	0.00	0.00	0.10
C505	CONDUIT	0.091	0	13:48	0.25	0.01	0.09
C507	CONDUIT	0.159	0	13:10	0.37	0.04	0.23
C513	CONDUIT	0.092	0	13:52	0.26	0.01	0.09
C514	CHANNEL	0.021	0	14:55	0.03	0.01	0.41
C517	CONDUIT	0.168	0	13:17	0.40	0.03	0.23
C518	CONDUIT	0.093	0	13:54	0.26	0.01	0.09
C52	CONDUIT	0.011	0	12:00	0.08	0.00	0.12
C520	CONDUIT	0.007	0	14:07	0.04	0.00	0.16
C521	CONDUIT	0.006	0	12:00	0.11	0.00	0.04
C522	CONDUIT	0.093	0	13:58	0.20	0.01	0.12
C524	CONDUIT	0.006	0	14:11	0.09	0.00	0.05
C525	CHANNEL	0.041	0	14:01	0.21	0.00	0.13
C525_3	CONDUIT	0.004	0	12:04	0.08	0.00	0.05
C528	CONDUIT	0.174	0	13:25	0.37	0.04	0.25
C53	CONDUIT	0.025	0	12:01	0.25	0.00	0.08
C530	CONDUIT	0.116	0	13:56	0.21	0.02	0.14
C535	CONDUIT	0.113	0	14:11	0.16	0.01	0.20
C537_2	CONDUIT	0.122	0	14:35	0.37	0.03	0.19
C537_3	CONDUIT	0.120	0	14:30	0.09	0.02	0.27
C540	CONDUIT	0.003	0	12:00	0.09	0.00	0.03
C541	CONDUIT	0.009	0	12:02	0.11	0.02	0.09
C542	CONDUIT	0.007	0	12:00	0.13	0.00	0.04
C543	CONDUIT	0.003	0	12:06	0.04	0.00	0.08
C545	CONDUIT	0.011	0	12:01	0.15	0.00	0.06
C546	CONDUIT	0.000	0	00:00	0.00	0.00	0.04
C547	CONDUIT	0.012	0	12:03	0.10	0.00	0.09
C548	CONDUIT	0.124	0	14:37	0.37	0.02	0.19
C550	CONDUIT	0.022	0	12:04	0.20	0.01	0.08
C551	CONDUIT	0.128	0	14:41	0.27	0.04	0.24
C552	CONDUIT	0.023	0	12:04	0.22	0.00	0.09
C553_1	CONDUIT	0.021	0	12:05	0.12	0.01	0.13
C553_2	CONDUIT	0.048	0	12:13	0.20	0.02	0.15
C555	CONDUIT	0.046	0	12:20	0.18	0.02	0.16
C556	CONDUIT	0.050	0	12:24	0.22	0.02	0.17
C557	CONDUIT	0.143	0	14:56	0.20	0.05	0.31
C558	CONDUIT	0.146	0	15:04	0.28	0.13	0.26
C559	CONDUIT	0.175	0	15:00	0.53	0.02	0.19
C560_1	CONDUIT	0.183	0	15:00	0.45	0.01	0.22
C560_2	CONDUIT	0.183	0	15:01	0.41	0.04	0.23
C561	CONDUIT	0.185	0	15:03	0.27	0.03	0.31
C562	CONDUIT	0.210	0	15:00	0.20	0.05	0.41
C569	CONDUIT	0.024	0	12:00	0.19	0.00	0.10
C57	CONDUIT	0.009	0	12:00	0.13	0.00	0.02
C575	CHANNEL	0.028	0	12:02	0.51	0.00	0.08
C58	CONDUIT	0.014	0	12:02	0.11	0.00	0.04
C580	CHANNEL	0.000	0	00:00	0.00	0.00	0.04
C584	CONDUIT	0.038	0	12:01	0.14	0.02	0.21
C586	CONDUIT	0.041	0	12:27	0.15	0.01	0.17
C587_1	CONDUIT	0.217	0	13:34	0.30	0.05	0.32
C6	CONDUIT	0.005	0	12:00	0.08	0.00	0.07
C60	CONDUIT	0.015	0	12:00	0.15	0.00	0.09
C600	CONDUIT	0.018	0	12:01	0.15	0.00	0.09
C614_2	CONDUIT	0.045	0	12:02	0.19	0.01	0.16
C615	CONDUIT	0.021	0	13:05	0.12	0.01	0.12
C617	CONDUIT	0.024	0	12:24	0.14	0.00	0.05
C62	CONDUIT	0.015	0	12:01	0.17	0.00	0.07
C621	CONDUIT	0.038	0	12:02	0.19	0.01	0.13
C622	CONDUIT	0.080	0	13:37	0.20	0.01	0.10
C624	CONDUIT	0.138	0	14:47	0.26	0.04	0.26
C63_1	CHANNEL	0.014	0	11:51	0.05	0.00	0.10
C66	CONDUIT	0.007	0	12:01	0.04	0.00	0.16
C7	CONDUIT	0.031	0	12:02	0.39	0.01	0.18
C7_1	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C7_2	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C70	CONDUIT	0.070	0	12:06	1.75	0.02	0.10
C72	CONDUIT	0.032	0	12:01	0.24	0.11	0.33
C78	CHANNEL	0.021	0	12:35	0.08	0.00	0.15
C80	CONDUIT	0.014	0	12:16	1.00	0.06	0.17
C81	CHANNEL	0.014	0	12:15	0.26	0.00	0.14
C82	CONDUIT	0.013	0	12:03	0.14	0.00	0.02
C85	CONDUIT	0.008	0	12:02	0.10	0.00	0.07
C88	CONDUIT	0.005	0	12:01	0.09	0.00	0.01
C9	CONDUIT	0.008	0	12:00	0.05	0.00	0.05
C9_1	CHANNEL	0.000	0	12:00	0.01	0.00	0.02
C9_2	CHANNEL	0.001	0	11:50	0.08	0.00	0.06
C93	CONDUIT	0.104	0	13:26	1.16	0.08	0.20
C96	CONDUIT	0.013	0	12:03	0.14	0.00	0.03

DDC01_CULVERT_600	CONDUIT	0.032	0	12:02	0.83	0.22	0.19		
DDC02	CONDUIT	0.032	0	12:03	0.19	0.06	0.21		
DDC03	CONDUIT	0.031	0	12:04	0.17	0.05	0.21		
DDC04	CONDUIT	0.032	0	12:07	0.16	0.06	0.24		
DDC05	CONDUIT	0.032	0	12:13	0.16	0.06	0.23		
DDC06	CONDUIT	0.034	0	12:25	0.10	0.05	0.30		
MD_AR_Culvert700mm	CONDUIT	0.121	0	14:32	0.74	0.44	0.43		
PDC01	CONDUIT	0.060	0	12:00	0.20	0.02	0.22		
PDC02_CULVERT450	CONDUIT	0.059	0	12:00	0.76	0.67	0.54		
PDC03	CONDUIT	0.059	0	12:00	0.16	0.02	0.24		
PDC04	CONDUIT	0.140	0	12:00	0.27	0.04	0.29		
PDC05	CONDUIT	0.212	0	12:00	0.32	0.04	0.31		
PDC06	CONDUIT	0.176	0	12:01	0.25	0.11	0.32		
PDC07	CONDUIT	0.108	0	12:01	0.18	0.03	0.32		
PDC08_CULVERT450	CONDUIT	0.109	0	12:00	0.96	0.64	0.67		
PDC09	CONDUIT	0.026	0	12:00	0.08	0.01	0.23		
P1	PUMP	0.025	0	20:58			1.00		
P2	PUMP	0.025	0	08:58			1.00		

Flow Classification Summary

Conduit	Adjusted /Actual Length	----- Fraction of Time in Flow Class -----								
		Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
AR_culvert450	1.00	0.00	0.00	0.00	0.95	0.05	0.00	0.00	0.63	0.00
ARDC01	1.00	0.00	0.85	0.00	0.15	0.00	0.00	0.00	0.80	0.00
ARDC02_Culvert450	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.71	0.00
ARDC03	1.00	0.00	0.56	0.00	0.44	0.00	0.00	0.00	1.00	0.00
ARDC04_Culvert450	1.00	0.00	0.00	0.00	0.81	0.19	0.00	0.00	0.62	0.00
ARDC05	1.00	0.32	0.18	0.00	0.50	0.00	0.00	0.00	0.95	0.00
ARDC06	1.00	0.00	0.32	0.00	0.68	0.00	0.00	0.00	1.00	0.00
ARDC07_Culvert450	1.00	0.00	0.00	0.00	0.85	0.15	0.00	0.00	0.45	0.00
ARDC08	1.00	0.09	0.21	0.00	0.70	0.00	0.00	0.00	0.99	0.00
ARDC09	1.00	0.00	0.09	0.00	0.91	0.00	0.00	0.00	0.99	0.00
ARDC10	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
ARDC11	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.40	0.00
ARDC12	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
ARDC13	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
ARDC14_Culvert600	1.00	0.00	0.00	0.00	0.92	0.08	0.00	0.00	0.93	0.00
C1_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C1_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C10	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.98	0.00
C103	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.06	0.00
C105	1.00	0.56	0.07	0.00	0.37	0.00	0.00	0.00	0.41	0.00
C113	1.00	0.00	0.51	0.00	0.49	0.00	0.00	0.00	1.00	0.00
C115	1.00	0.00	0.00	0.00	0.07	0.00	0.00	0.93	0.02	0.00
C116	1.00	0.25	0.37	0.00	0.37	0.00	0.00	0.00	0.70	0.00
C12_1	1.00	0.12	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C124	1.00	0.00	0.63	0.00	0.37	0.00	0.00	0.00	0.82	0.00
C128	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
C132	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.34	0.00
C134	1.00	0.38	0.07	0.00	0.55	0.00	0.00	0.00	0.97	0.00
C137	1.00	0.03	0.00	0.00	0.83	0.14	0.00	0.00	0.94	0.00
C138	1.00	0.07	0.27	0.00	0.67	0.00	0.00	0.00	0.72	0.00
C142	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C144	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C145	1.00	0.10	0.29	0.00	0.62	0.00	0.00	0.00	0.85	0.00
C147	1.00	0.00	0.00	0.00	0.91	0.09	0.00	0.00	0.00	0.37
C153	1.00	0.00	0.41	0.00	0.59	0.00	0.00	0.00	0.87	0.00
C155	1.00	0.54	0.09	0.00	0.37	0.00	0.00	0.00	0.39	0.00
C156	1.00	0.00	0.64	0.00	0.36	0.00	0.00	0.00	0.82	0.00
C16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C163	1.00	0.10	0.00	0.00	0.90	0.00	0.00	0.00	0.88	0.00
C165	1.00	0.00	0.53	0.00	0.46	0.00	0.00	0.00	0.96	0.00
C167	1.00	0.00	0.56	0.00	0.44	0.00	0.00	0.00	0.99	0.00
C172	1.00	0.00	0.55	0.00	0.44	0.00	0.00	0.00	0.97	0.00
C176	1.00	0.48	0.03	0.00	0.49	0.00	0.00	0.00	0.18	0.00
C180	1.00	0.11	0.05	0.00	0.84	0.00	0.00	0.00	0.00	0.00
C186	1.00	0.36	0.02	0.00	0.62	0.00	0.00	0.00	0.30	0.00
C189	1.00	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.95	0.00
C190	1.00	0.24	0.02	0.00	0.74	0.00	0.00	0.00	0.43	0.00
C196	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C199	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.06	0.00
C2	1.00	0.00	0.06	0.00	0.94	0.00	0.00	0.00	0.52	0.00
C200	1.00	0.00	0.42	0.00	0.58	0.00	0.00	0.00	0.96	0.00
C202	1.00	0.39	0.10	0.00	0.51	0.00	0.00	0.00	0.58	0.00
C207	1.00	0.32	0.04	0.00	0.64	0.00	0.00	0.00	0.76	0.00
C213	1.00	0.00	0.48	0.00	0.52	0.00	0.00	0.00	0.99	0.00
C213_1	1.00	0.00	0.17	0.00	0.83	0.00	0.00	0.00	0.97	0.00
C213_3	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.88	0.00
C213_4	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.90	0.00
C214	1.00	0.00	0.31	0.00	0.69	0.00	0.00	0.00	1.00	0.00
C218	1.00	0.71	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C22	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C221	1.00	0.37	0.17	0.00	0.46	0.00	0.00	0.00	0.57	0.00
C223	1.00	0.51	0.12	0.00	0.36	0.00	0.00	0.00	0.40	0.00
C225	1.00	0.00	0.10	0.00	0.90	0.00	0.00	0.00	0.98	0.00
C226	1.00	0.00	0.39	0.00	0.61	0.00	0.00	0.00	0.98	0.00
C23	1.00	0.00	0.57	0.00	0.43	0.00	0.00	0.00	0.99	0.00
C230	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C231_1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C231_2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C233	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.00
C234	1.00	0.00	0.40	0.00	0.60	0.00	0.00	0.00	0.93	0.00
C239	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.11	0.00
C24	1.00	0.39	0.29	0.00	0.32	0.00	0.00	0.00	0.57	0.00
C241	1.00	0.17	0.09	0.00	0.73	0.00	0.00	0.00	0.69	0.00
C245	1.00	0.37	0.02	0.00	0.61	0.00	0.00	0.00	0.09	0.00

C248	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.08	0.00
C25	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C251	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.00
C256	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.00
C259	1.00	0.00	0.37	0.00	0.63	0.00	0.00	0.00	0.99	0.00
C262	1.00	0.21	0.11	0.00	0.68	0.00	0.00	0.00	0.79	0.00
C263	1.00	0.22	0.03	0.00	0.74	0.00	0.00	0.00	0.70	0.00
C266	1.00	0.22	0.40	0.00	0.39	0.00	0.00	0.00	0.70	0.00
C267	1.00	0.45	0.06	0.00	0.48	0.00	0.00	0.00	0.48	0.00
C268	1.00	0.00	0.15	0.00	0.85	0.00	0.00	0.00	0.98	0.00
C27	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.11
C27_1	1.00	0.00	0.00	0.00	0.65	0.35	0.00	0.00	0.23	0.00
C27_2	1.00	0.08	0.09	0.00	0.83	0.00	0.00	0.00	0.90	0.00
C271	1.00	0.00	0.54	0.00	0.46	0.00	0.00	0.00	0.98	0.00
C272	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.65	0.00
C275	1.00	0.07	0.14	0.00	0.79	0.00	0.00	0.00	0.65	0.00
C276	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
C277	1.00	0.01	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C279	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.96	0.00
C282	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C283	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.22	0.00
C284	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C285	1.00	0.00	0.08	0.00	0.92	0.00	0.00	0.00	1.00	0.00
C287	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.01	0.00
C287_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
C287_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C288	1.00	0.00	0.22	0.00	0.78	0.00	0.00	0.00	0.89	0.00
C289	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.78	0.00
C29	1.00	0.00	0.49	0.00	0.51	0.00	0.00	0.00	0.96	0.00
C291	1.00	0.10	0.13	0.00	0.78	0.00	0.00	0.00	0.90	0.00
C292	1.00	0.02	0.01	0.00	0.97	0.00	0.00	0.00	0.92	0.00
C294	1.00	0.39	0.07	0.00	0.54	0.00	0.00	0.00	0.51	0.00
C296	1.00	0.12	0.27	0.00	0.61	0.00	0.00	0.00	0.60	0.00
C297_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.08	0.00
C299	1.00	0.02	0.00	0.00	0.03	0.95	0.00	0.00	0.00	0.00
C3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C30	1.00	0.00	0.53	0.00	0.47	0.00	0.00	0.00	0.97	0.00
C300	1.00	0.18	0.22	0.00	0.60	0.00	0.00	0.00	0.68	0.00
C305	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
C308	1.00	0.00	0.07	0.00	0.93	0.00	0.00	0.00	0.94	0.00
C309	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.99	0.00
C31	1.00	0.00	0.36	0.00	0.64	0.00	0.00	0.00	0.95	0.00
C310_1	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C310_2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C311	1.00	0.23	0.30	0.00	0.47	0.00	0.00	0.00	0.56	0.00
C313	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.86	0.00
C314	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C319	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07	0.00
C32	1.00	0.38	0.18	0.00	0.44	0.00	0.00	0.00	0.53	0.00
C320	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C322	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C324	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C326	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C327	1.00	0.00	0.10	0.00	0.90	0.00	0.00	0.00	0.88	0.00
C329	1.00	0.00	0.10	0.00	0.90	0.00	0.00	0.00	0.00	0.00
C33	1.00	0.06	0.02	0.00	0.92	0.00	0.00	0.00	0.03	0.00
C331	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.11	0.00
C333	1.00	0.10	0.00	0.00	0.90	0.01	0.00	0.00	0.00	0.00
C334	1.00	0.00	0.71	0.00	0.29	0.01	0.00	0.00	0.97	0.00
C335	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
C34	1.00	0.00	0.12	0.00	0.88	0.00	0.00	0.00	1.00	0.00
C340	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C341	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C346	1.00	0.00	0.11	0.00	0.89	0.00	0.00	0.00	0.72	0.00
C35	1.00	0.00	0.31	0.00	0.69	0.00	0.00	0.00	0.89	0.00
C350	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.20	0.00
C352	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.09	0.00
C353	1.00	0.65	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C355	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.76	0.00
C356	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.00
C359	1.00	0.00	0.18	0.00	0.82	0.00	0.00	0.00	1.00	0.00
C36	1.00	0.27	0.07	0.00	0.66	0.00	0.00	0.00	0.03	0.00
C361	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
C363	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.71	0.00
C365	1.00	0.01	0.11	0.00	0.89	0.00	0.00	0.00	0.00	0.00
C367	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.77	0.00
C371	1.00	0.11	0.00	0.00	0.88	0.01	0.00	0.00	0.87	0.00
C372	1.00	0.00	0.65	0.00	0.35	0.00	0.00	0.00	0.84	0.00
C374	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.12	0.00
C375	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
C376	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C377	1.00	0.12	0.00	0.00	0.88	0.00	0.00	0.00	0.69	0.00
C378	1.00	0.12	0.00	0.00	0.88	0.00	0.00	0.00	0.87	0.00
C379	1.00	0.12	0.00	0.00	0.88	0.00	0.00	0.00	0.00	0.00
C38	1.00	0.00	0.59	0.00	0.41	0.00	0.00	0.00	0.99	0.00
C381_1	1.00	0.01	0.12	0.00	0.87	0.00	0.00	0.00	0.87	0.00
C381_2	1.00	0.01	0.10	0.00	0.90	0.00	0.00	0.00	0.00	0.00
C384	1.00	0.10	0.00	0.00	0.90	0.00	0.00	0.00	0.89	0.00
C385	1.00	0.10	0.00	0.00	0.89	0.00	0.00	0.00	0.89	0.00
C388	1.00	0.11	0.00	0.00	0.89	0.00	0.00	0.00	0.00	0.00
C391	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.97	0.00
C397	1.00	0.11	0.00	0.00	0.89	0.00	0.00	0.00	0.00	0.00
C398	1.00	0.00	0.11	0.00	0.80	0.09	0.00	0.00	0.74	0.00
C399	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.80	0.00
C4	1.00	0.37	0.21	0.00	0.43	0.00	0.00	0.00	0.51	0.00
C401	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C403	1.00	0.00	0.62	0.00	0.38	0.00	0.00	0.00	0.97	0.00
C405	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.94	0.00
C407	1.00	0.00	0.81	0.00	0.19	0.00	0.00	0.00	0.72	0.00
C408	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.13	0.00
C409	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
C41	1.00	0.00	0.39	0.00	0.61	0.00	0.00	0.00	0.70	0.00
C413	1.00	0.00	0.18	0.00	0.82	0.00	0.00	0.00	1.00	0.00

C416	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
C42	1.00	0.13	0.01	0.00	0.86	0.00	0.00	0.00	0.33	0.00
C420	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.66	0.00
C423	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.77	0.00
C425	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.57	0.00
C429	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C43	1.00	0.13	0.40	0.00	0.47	0.00	0.00	0.00	0.63	0.00
C432	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C433	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07	0.00
C437	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.99	0.00
C439_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C439_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C44	1.00	0.00	0.19	0.00	0.81	0.00	0.00	0.00	0.95	0.00
C444_2	1.00	0.02	0.75	0.00	0.23	0.00	0.00	0.00	0.90	0.00
C445	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.81	0.00
C447	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
C448	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.99	0.00
C451	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.04	0.00
C452	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C455	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.84	0.00
C457	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.22	0.00
C460	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C465	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.83	0.00
C466	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C468	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.97	0.00
C469	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
C47	1.00	0.53	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C472	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
C474	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.46	0.00
C475	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07	0.00
C478	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.26	0.00
C481	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.56	0.00
C485	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07	0.00
C486	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
C49	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.09	0.00
C490	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.07	0.00
C491	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.99	0.00
C493	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.21	0.00
C498	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C499	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C5	1.00	0.00	0.61	0.00	0.39	0.00	0.00	0.00	0.99	0.00
C50	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C505	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
C507	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.00
C513	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07	0.00
C514	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.00
C517	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
C518	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
C52	1.00	0.00	0.55	0.00	0.44	0.00	0.00	0.00	0.78	0.00
C520	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C521	1.00	0.46	0.06	0.00	0.48	0.00	0.00	0.00	0.23	0.00
C522	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
C524	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C525	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C525_3	1.00	0.01	0.46	0.00	0.53	0.00	0.00	0.00	0.95	0.00
C528	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
C53	1.00	0.00	0.50	0.00	0.50	0.00	0.00	0.00	0.95	0.00
C530	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.07	0.00
C535	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.88	0.00
C537_2	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.01	0.00
C537_3	1.00	0.00	0.00	0.00	0.97	0.00	0.00	0.03	0.75	0.00
C540	1.00	0.58	0.07	0.00	0.35	0.00	0.00	0.00	0.39	0.00
C541	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.41	0.00
C542	1.00	0.48	0.10	0.00	0.42	0.00	0.00	0.00	0.48	0.00
C543	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.69	0.00
C545	1.00	0.37	0.11	0.00	0.52	0.00	0.00	0.00	0.59	0.00
C546	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C547	1.00	0.00	0.37	0.00	0.63	0.00	0.00	0.00	0.98	0.00
C548	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C550	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.09	0.00
C551	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C552	1.00	0.25	0.11	0.00	0.64	0.00	0.00	0.00	0.97	0.00
C553_1	1.00	0.00	0.25	0.00	0.75	0.00	0.00	0.00	0.83	0.00
C553_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
C555	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.81	0.00
C556	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.67	0.00
C557	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.80	0.00
C558	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C559	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.19	0.00
C560_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.79	0.00
C560_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
C561	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.08	0.00
C562	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C569	1.00	0.00	0.57	0.00	0.43	0.00	0.00	0.00	0.99	0.00
C57	1.00	0.47	0.19	0.00	0.34	0.00	0.00	0.00	0.49	0.00
C575	1.00	0.00	0.00	0.00	0.90	0.10	0.00	0.00	0.76	0.00
C58	1.00	0.00	0.45	0.00	0.55	0.00	0.00	0.00	0.93	0.00
C580	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C584	1.00	0.00	0.24	0.00	0.76	0.00	0.00	0.00	0.74	0.00
C586	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C587_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C6	1.00	0.00	0.15	0.00	0.85	0.00	0.00	0.00	0.19	0.00
C60	1.00	0.00	0.53	0.00	0.47	0.00	0.00	0.00	0.98	0.00
C600	1.00	0.00	0.37	0.00	0.63	0.00	0.00	0.00	0.98	0.00
C614_2	1.00	0.00	0.34	0.00	0.66	0.00	0.00	0.00	0.98	0.00
C615	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C617	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
C62	1.00	0.25	0.28	0.00	0.46	0.00	0.00	0.00	0.69	0.00
C621	1.00	0.00	0.32	0.00	0.68	0.00	0.00	0.00	0.98	0.00
C622	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.98	0.00
C624	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
C63_1	1.00	0.00	0.80	0.00	0.19	0.00	0.00	0.00	0.87	0.00
C66	1.00	0.00	0.50	0.00	0.50	0.00	0.00	0.00	1.00	0.00

C7	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C7_1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C7_2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C70	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.14	0.00
C72	1.00	0.00	0.13	0.00	0.87	0.00	0.00	0.00	0.81	0.00
C78	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C80	1.00	0.06	0.00	0.00	0.88	0.07	0.00	0.00	0.93	0.00
C81	1.00	0.05	0.00	0.00	0.53	0.42	0.00	0.00	0.00	0.00
C82	1.00	0.27	0.20	0.00	0.53	0.00	0.00	0.00	0.60	0.00
C85	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C88	1.00	0.55	0.08	0.00	0.37	0.00	0.00	0.00	0.15	0.00
C9	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.11	0.00
C9_1	1.00	0.12	0.00	0.00	0.88	0.00	0.00	0.00	0.87	0.00
C9_2	1.00	0.00	0.12	0.00	0.88	0.00	0.00	0.00	0.72	0.00
C93	1.00	0.00	0.00	0.00	0.66	0.33	0.00	0.00	0.29	0.00
C96	1.00	0.04	0.36	0.00	0.60	0.00	0.00	0.00	0.90	0.00
DDC01_CULVERT_600	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
DDC02	1.00	0.10	0.21	0.00	0.69	0.00	0.00	0.00	0.91	0.00
DDC03	1.00	0.01	0.10	0.00	0.89	0.00	0.00	0.00	0.92	0.00
DDC04	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.98	0.00
DDC05	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
DDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
MD_AR_Culvert700mm	1.00	0.03	0.00	0.00	0.96	0.00	0.00	0.01	0.00	0.96
PDC01	1.00	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.98	0.00
PDC02_CULVERT450	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.00	0.00
PDC03	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.99	0.00
PDC04	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
PDC05	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.91	0.00
PDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.45	0.00
PDC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
PDC08_CULVERT450	1.00	0.00	0.00	0.00	0.74	0.26	0.00	0.00	0.00	0.00
PDC09	1.00	0.00	0.08	0.00	0.92	0.00	0.00	0.00	0.99	0.00

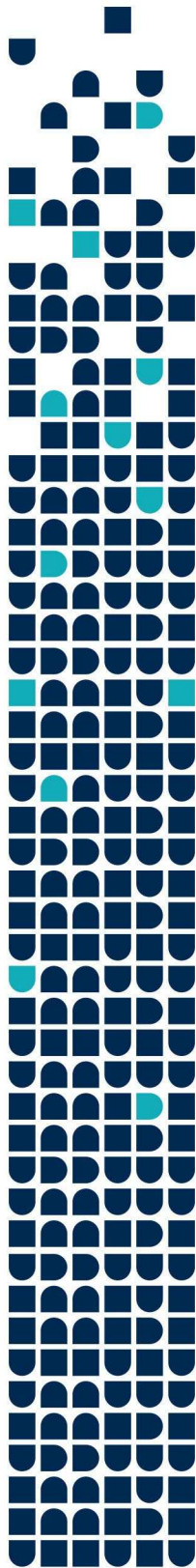
Conduit Surge Summary

No conduits were surcharged.

Pumping Summary

Pump	Percent Utilized	Number of Start-Ups	Min Flow CMS	Avg Flow CMS	Max Flow CMS	Total Volume 10^6 ltr	Power Usage Kw-hr	% Time Off Pump Curve Low High	
P1	7.58	1	0.00	0.02	0.03	0.655	4.23	0.0	100.0
P2	12.50	1	0.00	0.02	0.03	1.080	1.61	0.0	100.0

Analysis begun on: Thu Jan 22 16:01:12 2026
Analysis ended on: Thu Jan 22 16:01:27 2026
Total elapsed time: 00:00:15



Appendix B-5: Chicago 25 mm 4 hours quality storm event

Element Count

Number of rain gages 7
Number of subcatchments ... 343
Number of nodes 319
Number of links 314
Number of pollutants 0
Number of land uses 0

Raingage Summary

Name Data Source Data Type Recording Interval

Chicago_4h Chicago4h INTENSITY 10 min.
SCS_Type_II_100y_24h_103.5mm SCS_Type_II_100y_24h_103.5mm INTENSITY 15 min.
SCS_Type_II_10y_24h_72mm SCS_Type_II_10y_24h_72mm INTENSITY 15 min.
SCS_Type_II_25y_24h_84mm SCS_Type_II_25y_24h_84mm INTENSITY 15 min.
SCS_Type_II_2y_24h_48mm SCS_Type_II_2y_24h_48mm INTENSITY 15 min.
SCS_Type_II_50y_24h_93.6mm SCS_Type_II_50y_24h_93.6mm INTENSITY 15 min.
SCS_Type_II_5y_24h_62.4mm SCS_Type_II_5y_24h_62.4mm INTENSITY 15 min.

Subcatchment Summary

Name Area Width %Imperv %Slope Rain Gage Outlet

S1 0.06 7.65 5.00 0.9500 Chicago_4h J458
S10 0.32 35.64 5.00 5.3190 Chicago_4h J9
S100 0.29 29010.00 100.00 1.0000 Chicago_4h POND
S101 0.30 30.19 5.00 0.4890 Chicago_4h J116
S102 0.43 23.97 5.00 0.5230 Chicago_4h J135
S103 0.69 67.71 5.00 0.3070 Chicago_4h J88
S104 0.25 38.66 5.00 0.2680 Chicago_4h J124
S105 0.10 222.68 100.00 1.0000 Chicago_4h PDJ06
S106 0.49 38.92 5.00 0.9980 Chicago_4h J138
S107 0.84 41.54 5.00 0.2410 Chicago_4h J159
S108 0.60 75.89 5.00 1.5180 Chicago_4h J1280
S109 0.58 28.02 5.00 0.4250 Chicago_4h J140
S11 0.41 28.94 5.00 0.2640 Chicago_4h J13
S110 0.05 47.70 100.00 1.0000 Chicago_4h POND
S111 0.05 41.34 100.00 1.0000 Chicago_4h POND
S112 0.31 69.99 5.00 1.9710 Chicago_4h J95
S113 4.56 340.05 5.00 0.3000 Chicago_4h J1142
S113_2 1.86 125.00 5.00 0.6210 Chicago_4h 31499
S114 0.69 65.33 5.00 0.3570 Chicago_4h J458
S114_3 0.20 141.00 76.00 2.0000 Chicago_4h ARDJ04
S115 0.75 49.06 5.00 1.5410 Chicago_4h J140
S116 0.51 51.40 5.00 1.5860 Chicago_4h J1219
S117 0.40 31.11 5.00 0.5740 Chicago_4h J299
S118 0.34 20.14 5.00 0.2750 Chicago_4h J172
S119 1.33 102.45 5.00 0.7510 Chicago_4h J1222
S12 0.51 18.49 5.00 0.8590 Chicago_4h J15
S120 0.59 48.09 5.00 0.4290 Chicago_4h J172
S121 0.47 33.02 5.00 0.4190 Chicago_4h J167
S122 0.83 46.73 5.00 0.4270 Chicago_4h J165
S123 1.47 46.46 5.00 1.0820 Chicago_4h J46
S124 2.35 94.42 5.00 0.1720 Chicago_4h 30690
S124_1 0.07 46.86 76.00 2.0000 Chicago_4h ARDJ14
S124_2 0.15 110.00 76.00 2.0000 Chicago_4h ARDJ12
S125 0.70 35.08 5.00 0.6390 Chicago_4h J165
S126 1.95 120.44 5.00 0.1560 Chicago_4h 30776
S127 0.66 75.39 5.00 0.3870 Chicago_4h J1294
S128 0.57 60.27 5.00 1.1810 Chicago_4h 16611
S129 1.07 82.99 5.00 0.0800 Chicago_4h J88
S13 0.96 56.74 5.00 0.4170 Chicago_4h J13
S130 1.09 62.68 5.00 0.2720 Chicago_4h J650
S131 0.38 40.31 5.00 0.0780 Chicago_4h J205
S132 1.55 115.07 5.00 1.4520 Chicago_4h J1258
S133 3.81 255.41 5.00 0.2070 Chicago_4h 30475
S134 1.05 132.70 5.00 0.3130 Chicago_4h J1338
S135 0.81 107.58 5.00 0.6970 Chicago_4h J159
S136 2.72 189.65 5.00 0.3850 Chicago_4h J1322
S136_1 0.06 43.71 76.00 2.0000 Chicago_4h ARDJ03
S136_2 0.07 53.57 76.00 2.0000 Chicago_4h ARDJ02
S137 3.54 177.10 5.00 3.4140 Chicago_4h 31055
S138 0.29 41.38 5.00 0.3980 Chicago_4h J1229
S139 0.35 39.98 5.00 4.9840 Chicago_4h J1338
S14 0.45 23.28 5.00 3.6290 Chicago_4h J17
S140 0.51 55.29 5.00 0.2850 Chicago_4h J161
S141 0.85 33.53 5.00 0.3060 Chicago_4h J165
S142 0.80 48.47 5.00 0.1100 Chicago_4h 16496
S143 0.37 16.98 5.00 0.1780 Chicago_4h J70
S144 5.00 314.22 5.00 0.6030 Chicago_4h J1276
S145 4.70 302.68 5.00 0.2800 Chicago_4h J929
S146 0.49 22.84 5.00 1.1850 Chicago_4h J221
S147 1.17 53.87 5.00 0.9530 Chicago_4h 31659
S148 0.79 78.75 5.00 0.5050 Chicago_4h J217
S149 3.40 286.28 5.00 0.3900 Chicago_4h J1308
S15 0.59 26.07 5.00 2.3590 Chicago_4h J35
S150 0.29 64.66 5.00 1.6550 Chicago_4h J1279
S151 0.44 53.49 5.00 0.5110 Chicago_4h J1254
S152 0.89 34.08 5.00 0.3800 Chicago_4h J1338
S153 6.47 354.61 5.00 0.4040 Chicago_4h J803

S154	0.71	51.71	5.00	0.5400	Chicago_4h	J205
S155	0.70	28.42	5.00	1.9300	Chicago_4h	J205
S156	3.03	217.92	5.00	0.3750	Chicago_4h	J1335
S157	1.80	105.95	5.00	1.5280	Chicago_4h	J433
S158	0.94	48.20	5.00	0.1890	Chicago_4h	J165
S159	0.56	60.53	5.00	0.2710	Chicago_4h	J225
S16	0.83	97.73	5.00	2.6180	Chicago_4h	J43
S160	11.16	223.19	5.00	0.3000	Chicago_4h	J1348
S161	0.10	26.08	5.00	0.0780	Chicago_4h	J1279
S162	1.42	70.09	5.00	0.6540	Chicago_4h	J1301
S163	0.28	26.59	5.00	0.4280	Chicago_4h	J229
S164	2.11	64.61	5.00	2.1160	Chicago_4h	J596
S165	1.51	52.99	5.00	4.5370	Chicago_4h	J1036
S166	0.50	38.56	5.00	0.2420	Chicago_4h	J1216
S167	0.38	28.63	5.00	0.4170	Chicago_4h	J1216
S168	0.85	52.44	5.00	1.3330	Chicago_4h	DDJ05
S168_1	0.13	3.60	5.00	1.1520	Chicago_4h	15183
S169	0.32	24.29	5.00	0.5510	Chicago_4h	J219
S17	0.69	24.26	5.00	0.3820	Chicago_4h	J17
S170	0.36	36.64	5.00	0.5950	Chicago_4h	J225
S171	0.54	46.53	5.00	2.8950	Chicago_4h	DDJ04
S172	1.01	68.13	5.00	0.6250	Chicago_4h	30846
S173	2.45	122.50	5.00	0.7310	Chicago_4h	J1010
S174	3.16	157.81	5.00	1.0340	Chicago_4h	J1278
S175	0.56	56.83	5.00	0.6910	Chicago_4h	J58
S176	0.66	41.24	5.00	4.9770	Chicago_4h	DDJ06
S177	0.29	38.73	5.00	0.9100	Chicago_4h	J229
S178	4.07	116.25	5.00	0.3900	Chicago_4h	J1352
S179	0.54	29.15	5.00	2.3910	Chicago_4h	J273
S18	0.60	26.40	5.00	1.9640	Chicago_4h	J37
S180	4.29	171.71	5.00	0.5560	Chicago_4h	J443
S181	1.03	131.85	5.00	0.8370	Chicago_4h	J1318
S182	3.60	138.48	5.00	1.0000	Chicago_4h	J1260
S183	0.32	25.27	5.00	3.2090	Chicago_4h	J273
S184	0.65	26.17	5.00	1.0600	Chicago_4h	30741
S185	0.32	23.19	5.00	2.1230	Chicago_4h	J254
S186	0.93	77.19	5.00	0.0770	Chicago_4h	J398
S187	3.56	215.24	5.00	0.3210	Chicago_4h	J1249
S19	0.64	21.19	5.00	0.4780	Chicago_4h	J30
S190	0.46	25.63	5.00	0.5160	Chicago_4h	J299
S195	0.29	33.98	5.00	0.3090	Chicago_4h	J209
S197	0.33	42.92	5.00	0.3390	Chicago_4h	J294
S2	0.33	9.62	5.00	2.4760	Chicago_4h	31499
S20	0.41	40.56	5.00	1.1040	Chicago_4h	J30
S202	1.21	32.45	5.00	0.4710	Chicago_4h	J304
S207	0.32	25.46	5.00	0.7920	Chicago_4h	J299
S21	0.43	59.98	5.00	0.3790	Chicago_4h	J48
S210	0.50	40.38	5.00	1.9640	Chicago_4h	J273
S214	0.23	21.72	5.00	4.4940	Chicago_4h	J273
S215	0.50	24.83	5.00	4.4320	Chicago_4h	J275
S219	0.29	38.83	5.00	0.3410	Chicago_4h	J254
S22	0.51	69.55	5.00	0.5350	Chicago_4h	J28
S221_1	0.00	0.26	5.00	0.5820	Chicago_4h	J299
S223_1	0.29	23.10	5.00	0.8420	Chicago_4h	15017
S224	0.66	62.75	5.00	0.1370	Chicago_4h	J319
S225	0.72	19.79	5.00	0.0610	Chicago_4h	J221
S23	0.74	27.50	5.00	1.0850	Chicago_4h	J37
S234_2	0.33	16.44	5.00	0.6910	Chicago_4h	J329
S24	0.21	35.68	5.00	16.0510	Chicago_4h	J23
S241	0.93	64.10	5.00	1.2370	Chicago_4h	J1232
S242	1.80	44.10	5.00	6.1590	Chicago_4h	J1233
S247_2	0.64	27.84	5.00	1.0490	Chicago_4h	J392
S25	0.34	31.27	5.00	1.8320	Chicago_4h	J37
S26	0.26	47.59	5.00	0.3880	Chicago_4h	J30
S260_2	0.56	34.76	5.00	0.6060	Chicago_4h	J360
S262	0.45	45.40	5.00	0.6740	Chicago_4h	J372
S268	0.33	28.73	5.00	6.0690	Chicago_4h	J319
S269_1	0.48	46.77	5.00	1.6780	Chicago_4h	J392
S27	0.48	37.17	5.00	0.7660	Chicago_4h	J37
S272	0.53	91.99	5.00	0.2890	Chicago_4h	J396
S276	0.41	58.61	5.00	0.5570	Chicago_4h	J394
S278_2	0.37	16.26	5.00	0.2060	Chicago_4h	J81
S28	0.46	31.38	5.00	0.0150	Chicago_4h	17000
S285	0.46	28.17	5.00	0.2390	Chicago_4h	J304
S288	1.08	44.90	5.00	0.7430	Chicago_4h	J419
S29	0.66	67.92	5.00	1.9020	Chicago_4h	J39
S291	0.39	35.67	5.00	0.7780	Chicago_4h	J362
S3	4.97	177.55	5.00	0.5730	Chicago_4h	30961
S30	0.36	19.05	5.00	0.6370	Chicago_4h	J30
S300_1	0.34	27.63	5.00	0.5480	Chicago_4h	J360
S301	0.45	58.27	5.00	0.3320	Chicago_4h	J384
S307	0.55	36.71	5.00	0.9950	Chicago_4h	J447
S309	0.48	74.25	5.00	1.0460	Chicago_4h	J1213
S31	0.37	37.85	5.00	0.3240	Chicago_4h	J41
S310	0.14	41.49	5.00	0.2880	Chicago_4h	J419
S313	0.48	31.48	5.00	0.4800	Chicago_4h	J304
S314	0.32	24.78	5.00	2.4090	Chicago_4h	J491
S315	0.84	31.75	5.00	0.5610	Chicago_4h	J462
S316	0.30	10.26	5.00	0.6600	Chicago_4h	31735
S317	0.26	35.42	5.00	0.3510	Chicago_4h	J453
S32	0.83	36.19	5.00	0.6070	Chicago_4h	J59
S324_3	0.06	59.90	5.00	0.2110	Chicago_4h	J81
S33	0.69	50.36	5.00	0.3050	Chicago_4h	J41
S330	0.79	63.77	5.00	0.1830	Chicago_4h	J525
S334_1	0.20	22.19	5.00	0.0820	Chicago_4h	J76
S335	0.90	56.71	5.00	0.4830	Chicago_4h	17316
S336	0.61	128.30	5.00	0.3930	Chicago_4h	J1259
S339	0.21	26.92	5.00	0.7310	Chicago_4h	J1331
S34	0.39	29.74	5.00	0.3330	Chicago_4h	J37
S340	0.11	46.10	5.00	0.7570	Chicago_4h	J475
S341	0.43	61.81	5.00	0.7540	Chicago_4h	J1299
S345	0.41	54.43	5.00	1.3180	Chicago_4h	J451
S35	0.40	37.73	5.00	0.2180	Chicago_4h	J54

S355	0.41	93.73	5.00	0.8730	Chicago_4h	J462
S357	0.25	32.13	5.00	0.3310	Chicago_4h	J525
S36	0.64	32.73	5.00	1.2270	Chicago_4h	J75
S362	0.28	57.30	5.00	0.0210	Chicago_4h	J1331
S365	0.40	21.52	5.00	0.5010	Chicago_4h	J479
S368	0.27	45.45	5.00	2.0220	Chicago_4h	J491
S37	0.57	37.57	5.00	0.7060	Chicago_4h	J59
S372	0.65	41.62	5.00	1.1330	Chicago_4h	J1318
S375	0.25	17.70	5.00	0.6920	Chicago_4h	31735
S38	0.56	43.82	5.00	0.6240	Chicago_4h	J66
S384	0.83	41.01	5.00	5.1870	Chicago_4h	J562
S39	0.49	29.44	5.00	0.1630	Chicago_4h	J1225
S391	0.71	66.19	5.00	0.0550	Chicago_4h	J1209
S392	0.94	80.12	5.00	0.2450	Chicago_4h	J1249
S395	0.60	17.89	5.00	0.0070	Chicago_4h	J523
S397	0.48	66.78	5.00	1.1470	Chicago_4h	J598
S398	0.60	101.45	5.00	0.7580	Chicago_4h	J598
S399	1.42	22.59	5.00	0.2620	Chicago_4h	J1233
S4	1.05	68.00	5.00	2.0060	Chicago_4h	J472
S40	0.41	41.88	5.00	0.1430	Chicago_4h	J52
S403	0.48	47.80	5.00	0.7300	Chicago_4h	J584
S405	0.11	55.66	5.00	1.6290	Chicago_4h	J1270
S406	0.56	22.88	5.00	0.8010	Chicago_4h	J562
S408	0.49	39.78	5.00	1.2860	Chicago_4h	J580
S409	0.05	28.16	5.00	0.1780	Chicago_4h	J1318
S41	1.05	24.29	5.00	0.4350	Chicago_4h	J116
S411	0.57	38.31	5.00	0.5650	Chicago_4h	J584
S417	0.66	63.34	5.00	0.4020	Chicago_4h	J1209
S419	0.76	71.73	5.00	2.7970	Chicago_4h	J598
S42	0.70	17.02	5.00	2.9960	Chicago_4h	J15
S421	0.71	50.65	5.00	1.3600	Chicago_4h	J633
S428	0.42	34.89	5.00	0.3030	Chicago_4h	J611
S429	0.43	70.10	5.00	0.3560	Chicago_4h	J611
S43	1.16	53.26	5.00	0.9520	Chicago_4h	J66
S431	0.44	27.59	5.00	0.9150	Chicago_4h	J598
S437	0.65	84.61	5.00	0.0600	Chicago_4h	J1268
S439	0.41	37.53	5.00	0.5500	Chicago_4h	J623
S44	0.67	45.06	5.00	0.4680	Chicago_4h	J68
S443	0.36	18.02	5.00	0.1700	Chicago_4h	J580
S446	0.44	26.67	5.00	0.2710	Chicago_4h	J611
S447	0.65	90.96	5.00	0.3830	Chicago_4h	J664
S448	0.36	25.30	5.00	1.4260	Chicago_4h	J646
S45	0.12	106.36	5.00	0.1380	Chicago_4h	J54
S458	0.65	35.75	5.00	0.5840	Chicago_4h	J598
S46	0.31	21.33	5.00	0.1480	Chicago_4h	J1210
S469	0.47	55.53	5.00	0.1340	Chicago_4h	J623
S47	0.62	36.30	5.00	0.1880	Chicago_4h	J59
S476	0.47	43.76	5.00	0.5100	Chicago_4h	J658
S478	1.08	67.12	5.00	0.2170	Chicago_4h	J712
S479	0.32	31.00	5.00	1.1100	Chicago_4h	J710
S48	0.59	71.23	5.00	0.6840	Chicago_4h	J75
S481	0.60	27.05	5.00	0.1950	Chicago_4h	J686
S487	0.46	60.83	5.00	0.7140	Chicago_4h	J693
S49	0.30	46.87	5.00	0.5050	Chicago_4h	J77
S492	0.61	32.72	5.00	2.5170	Chicago_4h	J686
S493	0.87	66.80	5.00	0.5230	Chicago_4h	J646
S494	0.75	66.85	5.00	1.6750	Chicago_4h	J673
S497	0.33	35.72	5.00	0.6640	Chicago_4h	J644
S499	0.28	20.27	5.00	0.3360	Chicago_4h	J686
S5	3.45	216.09	5.00	0.2320	Chicago_4h	31282
S50	0.43	29.77	5.00	0.0800	Chicago_4h	J56
S503	0.67	30.24	5.00	0.3080	Chicago_4h	J744
S504_2	0.30	19.30	5.00	0.0140	Chicago_4h	J87
S506	0.60	59.41	5.00	0.2870	Chicago_4h	J748
S51	0.69	28.25	5.00	0.7750	Chicago_4h	J68
S513	0.69	65.97	5.00	0.2720	Chicago_4h	J718
S514_3	0.13	4.86	5.00	0.1590	Chicago_4h	31616
S516	0.38	22.07	5.00	0.6130	Chicago_4h	J777
S517	0.63	80.79	5.00	0.9730	Chicago_4h	J668
S518	0.36	44.92	5.00	0.1290	Chicago_4h	J746
S52	0.45	36.02	5.00	0.3780	Chicago_4h	J77
S520	0.34	53.31	5.00	0.2730	Chicago_4h	J728
S522	0.22	36.51	5.00	0.2780	Chicago_4h	J712
S528	0.40	58.33	5.00	0.0840	Chicago_4h	J728
S53	0.35	48.46	5.00	1.4960	Chicago_4h	J1227
S536	1.11	30.22	5.00	0.3290	Chicago_4h	J744
S538	0.92	164.44	5.00	1.6270	Chicago_4h	J1329
S539	0.80	34.77	5.00	0.1910	Chicago_4h	J761
S54	0.55	50.14	5.00	0.6790	Chicago_4h	J90
S540	0.58	62.40	5.00	0.0380	Chicago_4h	J779
S547	0.65	29.78	5.00	0.4320	Chicago_4h	J355
S549	0.56	21.62	5.00	0.2060	Chicago_4h	J777
S55	0.41	46.29	5.00	0.1270	Chicago_4h	J68
S552	0.34	33.67	5.00	0.2580	Chicago_4h	J757
S553	0.53	90.96	5.00	0.0930	Chicago_4h	J748
S56	0.62	22.70	5.00	0.5070	Chicago_4h	J109
S560	0.39	92.23	5.00	0.0100	Chicago_4h	J761
S562	0.29	50.52	5.00	0.1890	Chicago_4h	J761
S566	0.49	51.47	5.00	0.1060	Chicago_4h	J757
S57	0.29	40.88	5.00	0.5720	Chicago_4h	J1300
S58	0.38	51.30	5.00	1.9440	Chicago_4h	J92
S585	0.47	19.24	5.00	0.0070	Chicago_4h	J834
S59	0.41	28.95	5.00	0.2850	Chicago_4h	J84
S590	0.26	21.77	5.00	0.1860	Chicago_4h	J803
S594	0.74	44.78	5.00	0.0790	Chicago_4h	J834
S6	0.49	14.99	5.00	0.8560	Chicago_4h	J15
S60	0.77	67.67	5.00	0.6320	Chicago_4h	J61
S61	1.18	43.32	5.00	0.3710	Chicago_4h	J82
S617	0.35	26.68	5.00	1.9940	Chicago_4h	S658
S62	0.85	34.65	5.00	0.4530	Chicago_4h	J88
S627	0.40	137.88	5.00	0.0040	Chicago_4h	J925
S63	0.58	37.90	5.00	0.7960	Chicago_4h	J100
S634	0.54	37.24	5.00	0.4060	Chicago_4h	J1334

S64	0.35	46.47	5.00	0.0670	Chicago_4h	J1231
S65	1.36	57.33	5.00	0.4840	Chicago_4h	J95
S658	0.75	42.70	5.00	0.5340	Chicago_4h	J1334
S66	0.76	56.61	5.00	0.6060	Chicago_4h	J1324
S665	0.21	22.74	5.00	0.4470	Chicago_4h	31478
S67	0.47	59.11	5.00	3.5420	Chicago_4h	DDJ06
S68	0.37	34.04	5.00	0.3990	Chicago_4h	J84
S682_1	0.21	38.29	5.00	2.0310	Chicago_4h	J964
S689	0.45	45.80	5.00	0.1490	Chicago_4h	31346
S69	0.73	65.27	5.00	0.4390	Chicago_4h	J126
S7	1.52	51.08	5.00	0.9010	Chicago_4h	J20
S70	0.26	41.19	5.00	0.1380	Chicago_4h	J84
S71	0.63	25.07	5.00	0.4700	Chicago_4h	J90
S72	0.69	43.06	5.00	0.3730	Chicago_4h	J102
S73	4.47	286.27	5.00	14.7780	Chicago_4h	J19
S73_2	7.92	504.71	5.00	15.0970	Chicago_4h	NOF1_1
S74	0.51	55.93	5.00	0.9320	Chicago_4h	J92
S745	0.27	61.98	5.00	0.0740	Chicago_4h	J1272
S75	0.58	50.23	5.00	0.2960	Chicago_4h	J684
S76	0.21	35.04	5.00	0.2960	Chicago_4h	J86
S764	0.25	52.78	5.00	0.0240	Chicago_4h	J1330
S765_2	0.06	20.27	5.00	3.1850	Chicago_4h	J1272
S765_4	0.37	127.84	5.00	3.1850	Chicago_4h	J1272
S769	0.39	58.03	5.00	0.2960	Chicago_4h	J1325
S77	0.20	12.26	5.00	7.4430	Chicago_4h	J109
S78	1.15	68.18	5.00	0.4190	Chicago_4h	J112
S79	0.51	59.05	5.00	0.0160	Chicago_4h	J1344
S8	0.51	36.68	5.00	1.3650	Chicago_4h	J20
S80	4.10	511.96	5.00	2.4150	Chicago_4h	J923
S807	0.57	53.81	5.00	0.4460	Chicago_4h	J36
S81	1.12	69.58	5.00	0.4370	Chicago_4h	J467
S81_1	0.56	48.80	5.00	0.8680	Chicago_4h	J1272
S82	0.55	120.70	5.00	1.5610	Chicago_4h	J167
S83	1.80	163.32	5.00	1.1200	Chicago_4h	30821
S84	0.81	68.86	5.00	0.3020	Chicago_4h	J1231
S85	0.26	26.93	5.00	0.2590	Chicago_4h	16677
S86	0.56	24.26	5.00	2.2080	Chicago_4h	J138
S87	3.41	170.43	5.00	0.2400	Chicago_4h	31294
S88	0.69	62.35	5.00	11.4780	Chicago_4h	J50
S89	0.63	44.94	5.00	0.5500	Chicago_4h	J138
S892_2	0.49	35.04	100.00	2.0000	Chicago_4h	PDJ07
S893_2	0.59	42.19	100.00	2.0000	Chicago_4h	PDJ09
S894_3	0.18	12.55	100.00	2.0000	Chicago_4h	PDJ10
S896_2	0.42	30.33	100.00	2.0000	Chicago_4h	PDJ06
S897_2	0.37	26.21	100.00	2.0000	Chicago_4h	PDJ05
S898	0.04	181.50	100.00	1.0000	Chicago_4h	PDJ05
S899	0.02	2.00	76.00	4.7010	Chicago_4h	S908_3
S9	0.50	61.26	5.00	0.4600	Chicago_4h	J20
S90	1.39	109.48	5.00	0.3570	Chicago_4h	J576
S900	0.11	16.43	76.00	1.0000	Chicago_4h	PDJ05
S901_2	0.41	29.21	100.00	2.0000	Chicago_4h	PDJ04
S902	0.14	19.98	76.00	1.0000	Chicago_4h	PDJ01
S903	0.17	24.79	76.00	1.0000	Chicago_4h	PDJ04
S904_3	0.28	19.76	100.00	2.0000	Chicago_4h	PDJ01
S905_2	0.05	8.12	100.00	1.0000	Chicago_4h	POND
S908_3	0.02	24.30	100.00	1.0000	Chicago_4h	POND
S91	0.41	45.63	5.00	0.4610	Chicago_4h	J1273
S910_2	0.20	140.93	76.00	2.0000	Chicago_4h	ARDJ09
S911_2	0.16	114.00	76.00	2.0000	Chicago_4h	ARDJ10
S912_3	0.13	93.07	76.00	2.0000	Chicago_4h	ARDJ11
S915_2	0.17	119.21	76.00	2.0000	Chicago_4h	ARDJ06
S916_2	0.21	148.00	76.00	2.0000	Chicago_4h	ARDJ07
S92	0.85	30.67	5.00	0.2640	Chicago_4h	J112
S93	1.13	83.54	5.00	0.2190	Chicago_4h	J1241
S94	0.42	36.16	5.00	0.6860	Chicago_4h	J660
S95	1.07	113.50	5.00	0.7160	Chicago_4h	J1240
S96	0.44	48.77	5.00	0.5290	Chicago_4h	J116
S97	0.34	75.41	5.00	0.0640	Chicago_4h	J114
S98	0.16	52.77	5.00	0.3610	Chicago_4h	J602
S99	0.63	27.75	5.00	1.1760	Chicago_4h	J126

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
15017	JUNCTION	95.41	2.00	0.0	
15023	JUNCTION	95.44	2.00	0.0	
15115	JUNCTION	96.02	2.00	0.0	
15169	JUNCTION	95.50	2.00	0.0	
15183	JUNCTION	95.41	2.00	0.0	
15526	JUNCTION	95.38	1.64	0.0	
15536	JUNCTION	95.28	1.00	0.0	
16468	JUNCTION	96.22	1.61	0.0	
16472	JUNCTION	96.77	0.00	0.0	
16496	JUNCTION	96.27	1.61	0.0	
16553	JUNCTION	96.37	1.59	0.0	
16555	JUNCTION	96.79	0.00	0.0	
16576	JUNCTION	96.48	0.82	0.0	
16611	JUNCTION	96.40	0.87	0.0	
16639	JUNCTION	96.17	0.77	0.0	
16641	JUNCTION	96.41	0.00	0.0	
16677	JUNCTION	95.91	1.00	0.0	
16797	JUNCTION	96.59	0.65	0.0	
16799	JUNCTION	97.10	0.00	0.0	
16815	JUNCTION	96.69	0.47	0.0	
16874	JUNCTION	96.94	0.47	0.0	
16876	JUNCTION	97.44	0.00	0.0	
16902	JUNCTION	97.02	1.79	0.0	
17000	JUNCTION	97.23	2.00	0.0	
17050	JUNCTION	97.31	1.00	0.0	

17077	JUNCTION	97.47	1.00	0.0
17111	JUNCTION	97.14	1.22	0.0
17114	JUNCTION	98.13	0.00	0.0
17125	JUNCTION	97.51	2.00	0.0
17181	JUNCTION	97.98	2.00	0.0
17189	JUNCTION	97.80	1.70	0.0
17196	JUNCTION	98.42	0.00	0.0
17316	JUNCTION	94.85	1.65	0.0
30259	JUNCTION	92.12	2.00	0.0
30475	JUNCTION	92.85	2.00	0.0
30654	JUNCTION	93.32	2.00	0.0
30690	JUNCTION	93.24	2.00	0.0
30703	JUNCTION	92.99	2.00	0.0
30723	JUNCTION	92.98	2.00	0.0
30741	JUNCTION	92.92	2.00	0.0
30776	JUNCTION	92.69	2.00	0.0
30790	JUNCTION	93.04	2.00	0.0
30821	JUNCTION	93.18	2.00	0.0
30846	JUNCTION	93.51	1.00	0.0
30874	JUNCTION	94.14	1.00	0.0
30901	JUNCTION	95.23	1.00	0.0
30961	JUNCTION	93.78	2.00	0.0
31055	JUNCTION	93.35	1.11	0.0
31056	JUNCTION	94.36	0.00	0.0
31282	JUNCTION	93.51	1.00	0.0
31294	JUNCTION	93.58	2.00	0.0
31330	JUNCTION	93.60	1.10	0.0
31346	JUNCTION	93.59	1.00	0.0
31478	JUNCTION	93.62	2.00	0.0
31499	JUNCTION	93.63	2.00	0.0
31616	JUNCTION	93.57	3.00	0.0
31659	JUNCTION	92.82	2.18	0.0
31679	JUNCTION	93.24	2.00	0.0
31692	JUNCTION	93.17	1.58	0.0
31717	JUNCTION	93.20	1.59	0.0
31727	JUNCTION	94.43	1.28	0.0
31735	JUNCTION	94.54	1.46	0.0
33074	JUNCTION	94.51	2.00	0.0
33088	JUNCTION	94.16	2.00	0.0
33102	JUNCTION	94.13	2.00	0.0
33116	JUNCTION	94.05	1.00	0.0
33130	JUNCTION	93.93	2.00	0.0
33147	JUNCTION	93.68	2.00	0.0
33161	JUNCTION	93.57	2.00	0.0
35248	JUNCTION	96.08	2.00	0.0
35262	JUNCTION	96.12	2.00	0.0
ARDJ01	JUNCTION	97.82	1.00	0.0
ARDJ02	JUNCTION	97.78	1.00	0.0
ARDJ03	JUNCTION	97.74	1.00	0.0
ARDJ04	JUNCTION	97.54	1.00	0.0
ARDJ05	JUNCTION	97.46	1.00	0.0
ARDJ06	JUNCTION	97.28	1.00	0.0
ARDJ07	JUNCTION	97.04	1.00	0.0
ARDJ08	JUNCTION	96.98	1.00	0.0
ARDJ09	JUNCTION	96.59	1.00	0.0
ARDJ10	JUNCTION	96.33	1.00	0.0
ARDJ11	JUNCTION	96.08	1.00	0.0
ARDJ12	JUNCTION	95.85	2.00	0.0
ARDJ13	JUNCTION	95.50	2.00	0.0
ARDJ14	JUNCTION	95.36	2.00	0.0
DDJ01	JUNCTION	95.46	1.52	0.0
DDJ02	JUNCTION	95.43	1.52	0.0
DDJ03	JUNCTION	95.38	0.35	0.0
DDJ04	JUNCTION	95.33	0.35	0.0
DDJ05	JUNCTION	95.24	0.37	0.0
DDJ06	JUNCTION	95.17	0.43	0.0
J1	JUNCTION	93.70	2.00	0.0
J100	JUNCTION	98.38	1.00	0.0
J1010	JUNCTION	93.71	1.00	0.0
J102	JUNCTION	98.26	1.00	0.0
J1036	JUNCTION	93.52	1.00	0.0
J109	JUNCTION	98.35	1.00	0.0
J11	JUNCTION	95.67	1.00	0.0
J112	JUNCTION	97.54	1.00	0.0
J114	JUNCTION	97.65	1.00	0.0
J1142	JUNCTION	93.47	1.00	0.0
J116	JUNCTION	96.45	1.00	0.0
J12_1	JUNCTION	96.33	2.00	0.0
J1209	JUNCTION	94.68	1.00	0.0
J1210	JUNCTION	97.38	1.00	0.0
J1213	JUNCTION	94.80	1.00	0.0
J1216	JUNCTION	96.65	1.00	0.0
J1219	JUNCTION	96.19	1.00	0.0
J1222	JUNCTION	95.98	1.00	0.0
J1225	JUNCTION	98.24	1.00	0.0
J1227	JUNCTION	98.50	1.00	0.0
J1229	JUNCTION	97.19	1.00	0.0
J1231	JUNCTION	97.44	1.00	0.0
J1232	JUNCTION	96.81	1.00	0.0
J1233	JUNCTION	92.80	2.00	0.0
J124	JUNCTION	97.67	1.00	0.0
J1240	JUNCTION	94.71	0.79	0.0
J1241	JUNCTION	95.18	1.00	0.0
J1249	JUNCTION	94.80	1.00	0.0
J1254	JUNCTION	96.74	1.00	0.0
J1258	JUNCTION	96.16	1.00	0.0
J1259	JUNCTION	95.54	1.00	0.0
J126	JUNCTION	97.31	1.00	0.0
J1260	JUNCTION	95.53	1.00	0.0
J1268	JUNCTION	95.20	1.00	0.0
J1270	JUNCTION	94.97	1.00	0.0
J1272	JUNCTION	93.67	1.00	0.0
J1273	JUNCTION	96.83	1.00	0.0

J1276	JUNCTION	93.78	1.00	0.0
J1277	JUNCTION	97.18	1.00	0.0
J1278	JUNCTION	94.07	1.00	0.0
J1279	JUNCTION	97.46	1.00	0.0
J1280	JUNCTION	97.25	1.00	0.0
J1294	JUNCTION	97.02	1.00	0.0
J1299	JUNCTION	95.14	1.00	0.0
J13	JUNCTION	98.24	1.00	0.0
J1300	JUNCTION	97.17	1.00	0.0
J1301	JUNCTION	95.61	1.08	0.0
J1306	JUNCTION	97.52	1.00	0.0
J1308	JUNCTION	94.81	1.00	0.0
J1314	JUNCTION	95.84	1.00	0.0
J1318	JUNCTION	95.36	1.00	0.0
J1322	JUNCTION	93.95	1.00	0.0
J1324	JUNCTION	97.55	1.00	0.0
J1325	JUNCTION	93.69	1.00	0.0
J1329	JUNCTION	94.58	0.80	0.0
J1330	JUNCTION	93.53	1.00	0.0
J1331	JUNCTION	94.60	1.00	0.0
J1332	JUNCTION	95.82	1.00	0.0
J1334	JUNCTION	94.47	1.00	0.0
J1335	JUNCTION	93.14	2.00	0.0
J1338	JUNCTION	97.08	1.00	0.0
J1344	JUNCTION	96.74	1.00	0.0
J1348	JUNCTION	94.43	1.00	0.0
J135	JUNCTION	97.17	1.00	0.0
J1352	JUNCTION	93.18	1.00	0.0
J1355	JUNCTION	94.55	1.00	0.0
J138	JUNCTION	98.46	1.00	0.0
J140	JUNCTION	98.30	1.00	0.0
J142	JUNCTION	96.65	1.00	0.0
J15	JUNCTION	96.35	1.00	0.0
J153	JUNCTION	97.06	1.00	0.0
J159	JUNCTION	96.79	1.00	0.0
J161	JUNCTION	97.74	1.00	0.0
J165	JUNCTION	96.54	1.00	0.0
J167	JUNCTION	97.51	1.00	0.0
J169	JUNCTION	96.99	1.00	0.0
J17	JUNCTION	98.17	1.00	0.0
J172	JUNCTION	96.75	1.00	0.0
J18	JUNCTION	95.10	0.42	0.0
J19	JUNCTION	93.26	1.00	0.0
J199	JUNCTION	97.55	1.00	0.0
J2	JUNCTION	93.89	1.00	0.0
J20	JUNCTION	98.22	1.00	0.0
J205	JUNCTION	97.00	1.00	0.0
J209	JUNCTION	96.33	1.00	0.0
J217	JUNCTION	97.24	1.00	0.0
J219	JUNCTION	97.39	1.00	0.0
J221	JUNCTION	95.05	1.00	0.0
J225	JUNCTION	97.23	1.00	0.0
J229	JUNCTION	96.39	1.00	0.0
J23	JUNCTION	98.11	1.00	0.0
J241	JUNCTION	96.38	1.00	0.0
J254	JUNCTION	97.10	1.00	0.0
J273	JUNCTION	97.13	1.00	0.0
J275	JUNCTION	96.17	1.00	0.0
J28	JUNCTION	98.20	1.00	0.0
J283	JUNCTION	96.12	1.00	0.0
J294	JUNCTION	96.19	1.00	0.0
J299	JUNCTION	96.08	1.00	0.0
J3	JUNCTION	93.41	2.00	0.0
J30	JUNCTION	97.63	1.00	0.0
J304	JUNCTION	95.97	1.00	0.0
J319	JUNCTION	95.88	1.00	0.0
J32	JUNCTION	98.17	1.00	0.0
J329	JUNCTION	95.17	1.00	0.0
J35	JUNCTION	98.04	1.00	0.0
J355	JUNCTION	94.30	1.00	0.0
J36	JUNCTION	93.42	2.00	0.0
J360	JUNCTION	95.91	1.00	0.0
J362	JUNCTION	96.28	1.00	0.0
J37	JUNCTION	98.92	1.00	0.0
J372	JUNCTION	96.58	1.00	0.0
J384	JUNCTION	94.86	1.00	0.0
J39	JUNCTION	97.78	1.00	0.0
J392	JUNCTION	95.34	1.00	0.0
J394	JUNCTION	95.14	1.00	0.0
J396	JUNCTION	95.00	1.00	0.0
J398	JUNCTION	95.71	1.00	0.0
J41	JUNCTION	98.10	1.00	0.0
J419	JUNCTION	95.89	1.00	0.0
J43	JUNCTION	97.98	1.00	0.0
J433	JUNCTION	95.70	1.00	0.0
J443	JUNCTION	95.65	1.00	0.0
J447	JUNCTION	95.40	1.00	0.0
J449	JUNCTION	94.74	1.00	0.0
J451	JUNCTION	95.25	1.00	0.0
J453	JUNCTION	94.81	1.00	0.0
J455	JUNCTION	95.56	1.00	0.0
J458	JUNCTION	95.50	1.00	0.0
J46	JUNCTION	95.66	2.00	0.0
J462	JUNCTION	94.57	1.00	0.0
J467	JUNCTION	95.27	1.00	0.0
J47	JUNCTION	95.75	2.00	0.0
J472	JUNCTION	95.27	1.00	0.0
J475	JUNCTION	95.16	1.00	0.0
J479	JUNCTION	94.61	1.00	0.0
J48	JUNCTION	97.44	1.00	0.0
J491	JUNCTION	94.61	1.00	0.0
J50	JUNCTION	94.70	1.00	0.0
J51	JUNCTION	95.58	1.00	0.0

J52	JUNCTION	98.60	1.00	0.0
J523	JUNCTION	94.43	1.00	0.0
J525	JUNCTION	95.40	1.00	0.0
J54	JUNCTION	97.36	1.00	0.0
J55	JUNCTION	95.10	1.00	0.0
J56	JUNCTION	97.39	1.00	0.0
J562	JUNCTION	94.57	1.00	0.0
J57	JUNCTION	95.59	2.00	0.0
J576	JUNCTION	95.06	1.00	0.0
J58	JUNCTION	93.70	1.00	0.0
J580	JUNCTION	94.50	1.00	0.0
J584	JUNCTION	95.27	1.00	0.0
J59	JUNCTION	98.89	1.00	0.0
J596	JUNCTION	95.27	1.00	0.0
J598	JUNCTION	93.92	1.00	0.0
J602	JUNCTION	95.22	1.00	0.0
J61	JUNCTION	98.62	1.00	0.0
J611	JUNCTION	95.13	1.00	0.0
J623	JUNCTION	95.03	1.00	0.0
J63	JUNCTION	97.36	1.00	0.0
J633	JUNCTION	93.64	1.00	0.0
J644	JUNCTION	94.98	1.00	0.0
J646	JUNCTION	94.99	1.00	0.0
J650	JUNCTION	94.87	1.00	0.0
J658	JUNCTION	95.03	1.00	0.0
J66	JUNCTION	98.97	1.00	0.0
J660	JUNCTION	94.99	1.00	0.0
J664	JUNCTION	94.99	1.00	0.0
J668	JUNCTION	93.96	1.00	0.0
J673	JUNCTION	93.46	1.00	0.0
J676	JUNCTION	94.78	1.00	0.0
J68	JUNCTION	97.67	1.00	0.0
J684	JUNCTION	94.96	1.00	0.0
J686	JUNCTION	94.86	1.00	0.0
J693	JUNCTION	94.87	1.00	0.0
J70	JUNCTION	95.46	1.00	0.0
J703	JUNCTION	94.94	1.00	0.0
J710	JUNCTION	94.39	1.00	0.0
J712	JUNCTION	94.84	1.00	0.0
J718	JUNCTION	94.93	1.00	0.0
J72	JUNCTION	98.12	1.00	0.0
J728	JUNCTION	94.87	1.00	0.0
J744	JUNCTION	94.49	1.00	0.0
J746	JUNCTION	94.60	1.00	0.0
J748	JUNCTION	94.54	1.00	0.0
J75	JUNCTION	97.64	1.00	0.0
J757	JUNCTION	94.74	1.00	0.0
J76	JUNCTION	95.40	2.00	0.0
J761	JUNCTION	94.83	1.00	0.0
J77	JUNCTION	97.40	1.00	0.0
J777	JUNCTION	94.60	0.77	0.0
J779	JUNCTION	94.92	1.00	0.0
J797	JUNCTION	94.71	1.00	0.0
J803	JUNCTION	94.27	1.00	0.0
J81	JUNCTION	95.47	2.00	0.0
J82	JUNCTION	100.49	1.00	0.0
J834	JUNCTION	94.81	1.00	0.0
J84	JUNCTION	98.34	1.00	0.0
J86	JUNCTION	96.83	1.00	0.0
J87	JUNCTION	94.86	0.69	0.0
J88	JUNCTION	96.75	1.00	0.0
J9	JUNCTION	98.20	1.00	0.0
J9_1	JUNCTION	96.30	1.00	0.0
J90	JUNCTION	97.22	1.00	0.0
J92	JUNCTION	101.17	1.00	0.0
J923	JUNCTION	94.12	1.00	0.0
J925	JUNCTION	94.47	1.00	0.0
J929	JUNCTION	94.44	1.00	0.0
J95	JUNCTION	97.23	1.00	0.0
J954	JUNCTION	94.70	1.00	0.0
J964	JUNCTION	94.48	1.00	0.0
Mesure_point	JUNCTION	94.94	0.43	0.0
NOF1_1	JUNCTION	92.18	2.00	0.0
PDJ01	JUNCTION	96.05	2.00	0.0
PDJ02	JUNCTION	96.01	2.00	0.0
PDJ03	JUNCTION	96.00	2.00	0.0
PDJ04	JUNCTION	95.96	2.00	0.0
PDJ05	JUNCTION	95.84	2.00	0.0
PDJ06	JUNCTION	95.80	2.00	0.0
PDJ07	JUNCTION	95.82	2.00	0.0
PDJ08	JUNCTION	95.92	2.00	0.0
PDJ09	JUNCTION	95.97	1.00	0.0
PDJ10	JUNCTION	96.09	1.00	0.0
NOF1	OUTFALL	92.00	0.85	0.0
NOF2	OUTFALL	93.00	1.00	0.0
Outfall_A	OUTFALL	92.64	0.90	0.0
Outfall_B	OUTFALL	92.80	1.38	0.0
POND	STORAGE	94.40	2.50	0.0

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
AR_culvert450	J46	ARDJ14	CONDUIT	40.0	0.7305	0.0120
ARDC01	ARDJ01	ARDJ02	CONDUIT	16.7	0.2568	0.0450
ARDC02_Culvert450	ARDJ02	ARDJ03	CONDUIT	16.8	0.2562	0.0120
ARDC03	ARDJ03	ARDJ04	CONDUIT	68.5	0.2861	0.0450
ARDC04_Culvert450	ARDJ04	ARDJ05	CONDUIT	21.1	0.4077	0.0120
ARDC05	ARDJ05	ARDJ06	CONDUIT	65.1	0.2644	0.0450
ARDC06	ARDJ06	ARDJ07	CONDUIT	90.2	0.2671	0.0450
ARDC07_Culvert450	ARDJ07	ARDJ08	CONDUIT	20.8	0.2840	0.0120

ARDC08	ARDJ08	ARDJ09	CONDUIT	119.8	0.3254	0.0450
ARDC09	ARDJ09	ARDJ10	CONDUIT	95.4	0.2808	0.0450
ARDC10	ARDJ10	ARDJ11	CONDUIT	91.1	0.2690	0.0450
ARDC11	ARDJ11	ARDJ12	CONDUIT	72.4	0.3190	0.0450
ARDC12	ARDJ12	ARDJ13	CONDUIT	40.1	0.8682	0.0450
ARDC13	ARDJ13	ARDJ14	CONDUIT	10.0	1.3719	0.0450
ARDC14_Culvert600	ARDJ14	J55	CONDUIT	19.1	1.3877	0.0160
C1_1	30475	NOF1_1	CONDUIT	284.8	0.2328	0.0350
C1_2	NOF1_1	30259	CONDUIT	25.9	0.2314	0.0350
C10	16639	16677	CONDUIT	35.6	0.7273	0.0350
C103	J686	J728	CONDUIT	24.0	-0.0250	0.0350
C105	J124	J167	CONDUIT	64.6	0.2492	0.0350
C113	J602	J664	CONDUIT	130.6	0.1761	0.0350
C115	PDJ06	POND	CONDUIT	10.0	0.5600	0.0550
C116	J254	J1232	CONDUIT	74.5	0.3865	0.0350
C12_1	16553	J12_1	CONDUIT	11.9	0.2690	0.0350
C124	J159	J1254	CONDUIT	17.7	0.2819	0.0350
C128	J929	J1036	CONDUIT	368.5	0.2494	0.0350
C132	J455	J1259	CONDUIT	79.0	0.0164	0.0350
C134	J728	J757	CONDUIT	62.4	0.2147	0.0350
C137	16902	16874	CONDUIT	5.6	1.3999	0.0120
C138	J165	J275	CONDUIT	195.6	0.1907	0.0350
C142	J1233	Outfall_B	CONDUIT	23.4	0.0043	0.0350
C144	31659	J1233	CONDUIT	22.8	0.0747	0.0240
C145	J39	J56	CONDUIT	97.1	0.3946	0.0350
C147	30776	Outfall_A	CONDUIT	19.7	0.2542	0.0120
C153	J596	J1268	CONDUIT	93.5	0.0727	0.0350
C155	J360	J447	CONDUIT	74.7	0.6824	0.0350
C156	J576	J1270	CONDUIT	10.7	0.8021	0.0350
C16	J472	J467	CONDUIT	10.6	-0.0188	0.0350
C163	15526	15536	CONDUIT	15.3	0.6914	0.0190
C165	J112	J1277	CONDUIT	98.6	0.3682	0.0350
C167	J199	J1279	CONDUIT	22.3	0.3953	0.0350
C172	J167	J1280	CONDUIT	48.1	0.5506	0.0350
C176	J467	J451	CONDUIT	31.3	0.0639	0.0350
C180	J646	J710	CONDUIT	105.1	0.5736	0.0350
C186	J757	J797	CONDUIT	20.5	0.1266	0.0350
C189	J47	J46	CONDUIT	8.0	1.1776	0.0350
C190	J1232	J372	CONDUIT	84.0	0.2763	0.0350
C196	J1318	J584	CONDUIT	73.5	0.1265	0.0350
C199	J52	J1227	CONDUIT	98.1	0.1091	0.0350
C2	16797	16677	CONDUIT	179.6	0.3786	0.0350
C200	J443	J525	CONDUIT	76.4	0.3299	0.0350
C202	J451	J475	CONDUIT	42.8	0.2078	0.0350
C207	J797	J746	CONDUIT	57.7	0.1906	0.0350
C213	J803	31616	CONDUIT	115.3	0.6080	0.0350
C213_1	J15	J11	CONDUIT	315.0	0.2165	0.0350
C213_3	J11	J51	CONDUIT	39.2	0.2168	0.0350
C213_4	J51	J70	CONDUIT	57.9	0.2159	0.0350
C214	J135	J1294	CONDUIT	164.9	0.0910	0.0350
C218	16611	16576	CONDUIT	44.3	-0.1716	0.0350
C22	30901	30874	CONDUIT	54.2	2.0251	0.0350
C221	J447	J1299	CONDUIT	29.1	0.8808	0.0350
C223	J66	J61	CONDUIT	60.0	0.5849	0.0350
C225	J56	J1300	CONDUIT	143.6	0.1567	0.0350
C226	J1258	J1301	CONDUIT	221.4	0.2498	0.0350
C23	J392	J1213	CONDUIT	112.4	0.4822	0.0350
C230	16576	16553	CONDUIT	5.1	2.1968	0.0240
C231_1	17181	17189	CONDUIT	40.9	0.4333	0.0350
C231_2	17189	17125	CONDUIT	61.5	0.4700	0.0350
C233	J664	J660	CONDUIT	22.1	-0.0136	0.0350
C234	J644	J703	CONDUIT	91.3	0.0460	0.0350
C239	J20	J9	CONDUIT	8.2	0.2937	0.0350
C24	J92	J82	CONDUIT	62.2	1.0943	0.0350
C241	J114	J1306	CONDUIT	44.9	0.2987	0.0350
C245	J475	J1299	CONDUIT	20.3	0.0986	0.0350
C248	J9	J17	CONDUIT	14.7	0.1765	0.0350
C25	30874	30846	CONDUIT	54.7	1.1510	0.0350
C251	J660	J684	CONDUIT	63.7	0.0455	0.0350
C256	J17	J23	CONDUIT	134.9	0.0445	0.0350
C259	J1299	J479	CONDUIT	69.3	0.7722	0.0350
C262	J746	J748	CONDUIT	32.1	0.1872	0.0350
C263	J372	J362	CONDUIT	57.1	0.5218	0.0350
C266	J95	J153	CONDUIT	44.4	0.3826	0.0350
C267	J61	J100	CONDUIT	45.9	0.5233	0.0350
C268	J710	J668	CONDUIT	24.8	1.7126	0.0350
C27	30259	NOF1	CONDUIT	27.0	0.4586	0.0240
C27_1	30846	J36	CONDUIT	15.3	0.5820	0.0350
C27_2	J36	30821	CONDUIT	40.4	0.5845	0.0350
C271	J304	J1314	CONDUIT	27.8	0.4639	0.0350
C272	16496	16468	CONDUIT	8.0	0.5964	0.0350
C275	J748	J744	CONDUIT	58.8	0.0783	0.0350
C276	J1227	J72	CONDUIT	51.5	0.7223	0.0350
C277	17077	17050	CONDUIT	37.6	0.4203	0.0350
C279	16468	35262	CONDUIT	23.5	0.4300	0.0350
C282	J668	J673	CONDUIT	118.7	0.4205	0.0350
C283	17050	17000	CONDUIT	76.7	0.1095	0.0350
C284	J1259	J1318	CONDUIT	176.9	0.1018	0.0350
C285	J275	J1222	CONDUIT	83.5	0.2252	0.0350
C287	35262	35248	CONDUIT	39.5	0.1038	0.0350
C287_1	J684	J87	CONDUIT	51.9	0.2101	0.0350
C287_2	J87	J777	CONDUIT	122.1	0.2096	0.0350
C288	J153	J169	CONDUIT	101.2	0.0682	0.0350
C289	J703	J718	CONDUIT	71.2	0.0098	0.0350
C29	J172	J1216	CONDUIT	93.2	0.1095	0.0350
C291	J362	J419	CONDUIT	72.7	0.5409	0.0350
C292	35248	15115	CONDUIT	18.8	0.3087	0.0350
C294	J100	J109	CONDUIT	7.5	0.3741	0.0350
C296	J1260	J458	CONDUIT	65.2	0.0445	0.0350
C297_1	J479	J50	CONDUIT	70.5	-0.1390	0.0350
C299	15115	J47	CONDUIT	33.8	0.8018	0.0350
C3	J1272	J36	CONDUIT	173.2	0.1472	0.0350
C30	J433	J455	CONDUIT	88.3	0.1642	0.0350

C300	J109	J1306	CONDUIT	162.7	0.5115	0.0350
C305	J1142	J1335	CONDUIT	320.6	0.1029	0.0350
C308	J744	J668	CONDUIT	216.6	0.2461	0.0350
C309	J72	J1324	CONDUIT	157.3	0.3656	0.0350
C31	J59	J52	CONDUIT	170.0	0.1706	0.0350
C310_1	J57	ARDJ14	CONDUIT	5.9	3.7750	0.0350
C310_2	J57	15169	CONDUIT	36.0	0.2473	0.0350
C311	J1276	J1325	CONDUIT	48.9	0.1819	0.0350
C313	J138	J140	CONDUIT	65.9	0.2427	0.0350
C314	15169	15183	CONDUIT	50.0	0.1880	0.0350
C319	J23	J28	CONDUIT	38.4	-0.2345	0.0350
C32	J41	J39	CONDUIT	96.9	0.3335	0.0350
C320	J718	J779	CONDUIT	66.7	0.0150	0.0350
C322	15183	15017	CONDUIT	36.2	0.0028	0.0350
C324	J1222	J319	CONDUIT	115.7	0.0873	0.0350
C326	17000	16902	CONDUIT	87.9	0.2390	0.0350
C327	J419	J1314	CONDUIT	38.2	0.1177	0.0350
C329	15017	15023	CONDUIT	34.9	-0.0945	0.0350
C33	30821	30790	CONDUIT	55.2	0.2537	0.0350
C331	J28	J35	CONDUIT	65.0	0.2493	0.0350
C333	15023	15526	CONDUIT	24.1	0.2320	0.0350
C334	16611	16639	CONDUIT	11.1	2.0641	0.0240
C335	J140	J1279	CONDUIT	200.2	0.4221	0.0350
C34	30790	30776	CONDUIT	23.1	1.5402	0.0350
C340	J1314	J525	CONDUIT	202.0	0.2198	0.0350
C341	J779	J761	CONDUIT	57.7	0.1524	0.0350
C346	15536	17316	CONDUIT	112.5	0.3759	0.0350
C35	30741	30776	CONDUIT	19.4	1.1910	0.0350
C350	17316	31735	CONDUIT	118.7	0.2645	0.0350
C352	J35	J32	CONDUIT	9.3	-1.4792	0.0350
C353	J954	J58	CONDUIT	126.4	0.7889	0.0350
C355	J777	J1329	CONDUIT	48.6	0.0412	0.0350
C356	J1036	J1330	CONDUIT	47.9	-0.0250	0.0350
C359	J1306	J1280	CONDUIT	43.7	0.6269	0.0350
C36	30723	30741	CONDUIT	28.5	0.2070	0.0350
C361	31735	31727	CONDUIT	11.7	0.9578	0.0240
C363	J761	J834	CONDUIT	43.2	0.0625	0.0350
C365	31727	33074	CONDUIT	14.5	-0.5948	0.0350
C367	J319	J1332	CONDUIT	57.5	0.0940	0.0350
C371	33074	33088	CONDUIT	30.4	1.1563	0.0350
C372	J58	31330	CONDUIT	37.6	0.2736	0.0120
C374	J1225	J75	CONDUIT	164.7	0.3618	0.0350
C375	J1280	J1277	CONDUIT	58.8	0.1139	0.0350
C376	J834	J1308	CONDUIT	244.3	-0.0016	0.0350
C377	33088	33102	CONDUIT	25.6	0.1131	0.0350
C378	33102	33116	CONDUIT	31.3	0.2783	0.0350
C379	33116	33130	CONDUIT	27.1	0.4249	0.0350
C38	J116	J1219	CONDUIT	10.0	2.6774	0.0350
C381_1	33130	J3	CONDUIT	11.1	4.7154	0.0350
C381_2	J3	33147	CONDUIT	16.2	-1.7235	0.0350
C384	33147	33161	CONDUIT	27.9	0.4163	0.0350
C385	33161	31717	CONDUIT	26.9	1.3818	0.0350
C388	31717	31692	CONDUIT	15.9	0.1444	0.0140
C391	J1277	J1338	CONDUIT	84.4	0.1173	0.0350
C397	31692	31679	CONDUIT	21.3	-0.3187	0.0350
C398	31679	31659	CONDUIT	22.3	1.9102	0.0350
C399	J525	J1318	CONDUIT	37.1	0.1024	0.0350
C4	J30	J48	CONDUIT	54.3	0.3517	0.0350
C401	J70	J221	CONDUIT	218.5	0.1858	0.0350
C403	J77	J63	CONDUIT	28.6	0.1260	0.0350
C405	31616	31659	CONDUIT	76.1	0.9875	0.0350
C407	J1	31499	CONDUIT	201.6	0.0342	0.0350
C408	J63	J1210	CONDUIT	9.2	-0.1746	0.0350
C409	J219	J1229	CONDUIT	160.5	0.1271	0.0350
C41	J623	J658	CONDUIT	38.5	0.0104	0.0350
C413	J1210	J1300	CONDUIT	146.5	0.1433	0.0350
C416	J75	J1324	CONDUIT	8.6	1.0602	0.0350
C42	30703	30723	CONDUIT	43.3	0.0416	0.0350
C420	J584	J1268	CONDUIT	57.6	0.1145	0.0350
C423	J1324	J1231	CONDUIT	121.4	0.0898	0.0350
C425	31499	31478	CONDUIT	43.7	0.0252	0.0350
C429	J1268	J650	CONDUIT	170.6	0.1976	0.0350
C43	30690	30703	CONDUIT	29.0	0.8334	0.0350
C432	J1231	J126	CONDUIT	69.2	0.1865	0.0350
C433	J1300	J90	CONDUIT	15.7	-0.3309	0.0350
C437	J90	J86	CONDUIT	49.0	0.8066	0.0350
C439_1	J221	J55	CONDUIT	33.7	-0.1366	0.0350
C439_2	J55	J491	CONDUIT	329.0	0.1477	0.0350
C44	J299	J1222	CONDUIT	169.4	0.0602	0.0350
C444_2	J18	Mesure_point	CONDUIT	61.3	0.2544	0.0350
C445	J86	J1344	CONDUIT	49.8	0.1686	0.0350
C447	J126	J1273	CONDUIT	137.8	0.3469	0.0350
C448	J1229	J1338	CONDUIT	136.9	0.0789	0.0350
C451	Mesure_point	J87	CONDUIT	108.7	0.0819	0.0350
C452	J650	J693	CONDUIT	35.5	-0.0169	0.0350
C455	J693	J712	CONDUIT	23.2	0.1381	0.0350
C457	31478	31330	CONDUIT	225.2	0.0089	0.0350
C460	J712	J676	CONDUIT	46.8	0.1326	0.0350
C465	J1273	J1344	CONDUIT	68.6	0.1312	0.0350
C466	J1338	J205	CONDUIT	174.8	0.0463	0.0350
C468	J676	J1240	CONDUIT	23.3	0.3092	0.0350
C469	J1240	J1329	CONDUIT	63.2	0.2009	0.0350
C47	30654	30690	CONDUIT	70.5	0.1233	0.0350
C472	J1344	J88	CONDUIT	142.2	-0.0035	0.0350
C474	31330	31346	CONDUIT	36.9	0.0271	0.0350
C475	J205	J1294	CONDUIT	25.2	-0.0913	0.0350
C478	J1329	J1348	CONDUIT	125.9	0.1167	0.0350
C481	J1294	J169	CONDUIT	27.9	0.1073	0.0350
C485	J491	J523	CONDUIT	50.8	0.3660	0.0350
C486	J88	J142	CONDUIT	18.7	0.5147	0.0350
C49	J43	J1225	CONDUIT	12.8	-1.9963	0.0350
C490	J142	J1219	CONDUIT	100.9	0.4598	0.0350
C491	J523	J1233	CONDUIT	337.4	0.4825	0.0350

C493	31346	31282	CONDUIT	156.7	0.0511	0.0350
C498	J1254	J1216	CONDUIT	72.5	0.1201	0.0350
C499	J1219	16677	CONDUIT	42.0	0.6518	0.0350
C5	J611	J1209	CONDUIT	62.0	0.7244	0.0350
C50	30654	J1335	CONDUIT	121.8	0.1461	0.0350
C505	J1216	J209	CONDUIT	128.5	0.2467	0.0350
C507	J1348	J1278	CONDUIT	181.7	0.2015	0.0350
C513	J209	J294	CONDUIT	65.6	0.2120	0.0350
C514	31282	31294	CONDUIT	41.6	-0.1708	0.0350
C517	J1278	J1010	CONDUIT	133.2	0.2702	0.0350
C518	J294	J283	CONDUIT	24.1	0.3107	0.0350
C52	J13	J20	CONDUIT	22.1	0.1043	0.0350
C520	J355	J1233	CONDUIT	30.8	4.8731	0.0350
C521	J229	J241	CONDUIT	36.2	0.0221	0.0350
C522	J283	J1332	CONDUIT	151.9	0.1943	0.0350
C524	J925	J355	CONDUIT	346.5	0.0499	0.0350
C525	31294	31055	CONDUIT	159.2	0.1445	0.0350
C525_3	J241	15115	CONDUIT	120.9	0.2986	0.0350
C528	J1010	J1352	CONDUIT	245.2	0.2141	0.0350
C53	J37	J1227	CONDUIT	132.8	0.3194	0.0350
C530	J1332	J398	CONDUIT	130.9	0.0871	0.0350
C535	J398	J1301	CONDUIT	8.5	1.2133	0.0350
C537_2	J76	J1241	CONDUIT	159.7	0.2029	0.0350
C537_3	J1301	J81	CONDUIT	26.5	0.1357	0.0350
C540	J329	J394	CONDUIT	17.4	0.1777	0.0350
C541	J1334	J925	CONDUIT	28.7	0.0035	0.0350
C542	J394	J396	CONDUIT	51.8	0.2647	0.0350
C543	J964	J1334	CONDUIT	67.3	0.0104	0.0350
C545	J396	J384	CONDUIT	58.0	0.2484	0.0350
C546	J954	J964	CONDUIT	50.0	0.4380	0.0350
C547	J384	J1213	CONDUIT	40.6	0.1355	0.0350
C548	J1241	J1270	CONDUIT	28.0	0.7390	0.0350
C550	J1213	J453	CONDUIT	19.9	-0.0604	0.0350
C551	J1270	J1249	CONDUIT	150.5	0.1156	0.0350
C552	J453	J449	CONDUIT	9.4	0.7965	0.0350
C553_1	J449	J50	CONDUIT	32.2	0.1024	0.0350
C553_2	J50	J1331	CONDUIT	108.2	0.1007	0.0350
C555	J1331	J462	CONDUIT	49.6	0.0524	0.0350
C556	J462	J1355	CONDUIT	43.5	0.0575	0.0350
C557	J1209	J562	CONDUIT	108.0	0.1019	0.0350
C558	J562	J1355	CONDUIT	189.0	0.0138	0.0350
C559	J1355	J598	CONDUIT	87.6	0.7167	0.0350
C560_1	J598	J2	CONDUIT	13.0	0.2377	0.0120
C560_2	J2	J633	CONDUIT	98.1	0.2538	0.0350
C561	J633	J673	CONDUIT	40.8	0.4292	0.0350
C562	J673	J3	CONDUIT	29.6	0.1926	0.0350
C569	J1322	31346	CONDUIT	69.3	0.5197	0.0350
C57	J84	J102	CONDUIT	20.6	0.4071	0.0350
C575	30961	31055	CONDUIT	169.9	0.2542	0.0350
C58	J217	J1229	CONDUIT	40.4	0.1311	0.0350
C580	30901	30961	CONDUIT	90.0	1.6128	0.0350
C584	J1325	J1272	CONDUIT	33.4	0.0539	0.0350
C586	J1330	J1352	CONDUIT	79.4	0.4380	0.0350
C587_1	J1352	30776	CONDUIT	224.6	0.2204	0.0350
C6	J54	J1210	CONDUIT	12.9	-0.1242	0.0350
C60	J68	J1231	CONDUIT	89.0	0.2528	0.0350
C600	J48	17050	CONDUIT	61.5	0.2050	0.0350
C614_2	J19	30475	CONDUIT	212.7	0.1933	0.0350
C615	J32	J1225	CONDUIT	57.5	-0.1062	0.0350
C617	J1279	J219	CONDUIT	40.0	0.1675	0.0350
C62	J273	J1232	CONDUIT	123.2	0.2598	0.0350
C621	J923	31294	CONDUIT	237.9	0.2282	0.0350
C622	J169	J1254	CONDUIT	160.5	0.1583	0.0350
C624	J1249	J1209	CONDUIT	105.0	0.1124	0.0350
C63_1	J1	31616	CONDUIT	9.5	1.3863	0.0350
C66	J580	J1233	CONDUIT	194.6	0.8726	0.0350
C7	J1308	J929	CONDUIT	235.9	0.1581	0.0100
C7_1	17125	17111	CONDUIT	14.6	2.5439	0.0350
C7_2	17111	17077	CONDUIT	47.5	-0.6968	0.0350
C70	31055	NOF2	CONDUIT	20.1	1.7506	0.0120
C72	J458	DDJ01	CONDUIT	34.4	0.1046	0.0350
C78	J1335	30475	CONDUIT	214.4	0.1390	0.0350
C80	16815	16797	CONDUIT	9.4	1.0485	0.0120
C81	16874	16815	CONDUIT	28.8	0.8578	0.0350
C82	J102	J114	CONDUIT	159.9	0.3771	0.0350
C85	J658	J646	CONDUIT	97.6	0.0389	0.0350
C88	J161	J199	CONDUIT	63.0	0.3094	0.0350
C9	J225	J217	CONDUIT	38.2	-0.0288	0.0350
C9_1	J12_1	J9_1	CONDUIT	50.0	0.0640	0.0350
C9_2	J9_1	16496	CONDUIT	11.9	0.2691	0.0350
C93	16677	J11	CONDUIT	14.1	1.7250	0.0240
C96	J82	J138	CONDUIT	272.6	0.7451	0.0350
DDC01_CULVERT_600	DDJ01	DDJ02	CONDUIT	28.8	0.1147	0.0190
DDC02	DDJ02	DDJ03	CONDUIT	28.8	0.1772	0.0350
DDC03	DDJ03	DDJ04	CONDUIT	31.6	0.1551	0.0350
DDC04	DDJ04	DDJ05	CONDUIT	74.7	0.1204	0.0350
DDC05	DDJ05	DDJ06	CONDUIT	70.5	0.0965	0.0350
DDC06	DDJ06	Mesure_point	CONDUIT	230.2	0.0995	0.0350
MD_AR_Culvert700mm	J81	J76	CONDUIT	27.7	0.2422	0.0180
PDC01	PDJ01	PDJ02	CONDUIT	6.5	0.6182	0.0450
PDC02_CULVERT450	PDJ02	PDJ03	CONDUIT	12.3	0.0813	0.0120
PDC03	PDJ03	PDJ04	CONDUIT	11.4	0.3687	0.0450
PDC04	PDJ04	PDJ05	CONDUIT	31.5	0.3651	0.0450
PDC05	PDJ05	PDJ06	CONDUIT	7.7	0.5465	0.0450
PDC06	PDJ07	PDJ06	CONDUIT	40.4	0.0494	0.0450
PDC07	PDJ08	PDJ07	CONDUIT	33.5	0.3017	0.0450
PDC08_CULVERT450	PDJ09	PDJ08	CONDUIT	17.3	0.3004	0.0120
PDC09	PDJ10	PDJ09	CONDUIT	28.5	0.3931	0.0450
P1	POND	ARDJ01	TYPE3 PUMP			
P2	POND	J18	TYPE3 PUMP			

Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
AR_culvert450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.26
ARDC01	TRAPEZOIDAL	0.75	1.73	0.42	3.80	1	1.08
ARDC02_Culvert450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.16
ARDC03	TRAPEZOIDAL	0.75	1.73	0.42	3.80	1	1.14
ARDC04_Culvert450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.20
ARDC05	TRAPEZOIDAL	0.75	1.73	0.42	3.80	1	1.10
ARDC06	TRAPEZOIDAL	0.85	2.12	0.46	4.20	1	1.46
ARDC07_Culvert450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.16
ARDC08	TRAPEZOIDAL	0.86	2.15	0.47	4.23	1	1.64
ARDC09	TRAPEZOIDAL	0.90	2.34	0.48	4.40	1	1.70
ARDC10	TRAPEZOIDAL	0.95	2.56	0.51	4.60	1	1.88
ARDC11	TRAPEZOIDAL	1.00	2.80	0.53	4.80	1	2.31
ARDC12	TRAPEZOIDAL	1.15	3.58	0.60	5.41	1	5.27
ARDC13	TRAPEZOIDAL	1.48	5.88	0.77	6.93	1	12.87
ARDC14_Culvert600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.59
C1_1	T-C123	1.42	15.36	0.74	20.06	1	17.36
C1_2	T-C123	1.42	15.36	0.74	20.06	1	17.31
C10	T-C10	0.77	5.02	0.50	10.00	1	7.66
C103	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.50
C105	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.82
C113	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.98
C115	TRAPEZOIDAL	1.25	4.39	0.67	6.01	1	4.56
C116	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.90
C12_1	T-C249	1.59	13.94	0.60	23.00	1	14.67
C124	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	9.38
C128	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.74
C132	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.22
C134	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.39
C137	CIRCULAR	0.45	0.16	0.11	0.45	1	0.37
C138	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	7.72
C142	T-C142	1.38	13.82	0.67	20.00	1	1.97
C144	CIRCULAR	1.40	1.54	0.35	1.40	1	0.87
C145	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.96
C147	CIRCULAR	0.90	0.64	0.23	0.90	1	0.99
C153	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.56
C155	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.83
C156	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.49
C16	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.30
C163	CIRCULAR	0.45	0.16	0.11	0.45	1	0.16
C165	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	10.72
C167	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	11.11
C172	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	13.11
C176	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.40
C180	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.18
C186	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.37
C189	TRAPEZOIDAL	2.00	14.00	1.31	9.00	1	52.07
C190	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.99
C196	TRAPEZOIDAL	1.00	2.50	0.50	4.50	1	1.61
C199	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.13
C2	T-C2	0.65	4.00	0.40	10.00	1	3.79
C200	TRAPEZOIDAL	1.00	2.50	0.50	4.50	1	2.59
C202	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.32
C207	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.14
C213	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.39
C213_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.41
C213_3	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.42
C213_4	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.41
C214	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.33
C218	T-C218	0.82	3.77	0.37	10.00	1	2.30
C22	T-C22	0.73	4.30	0.43	10.01	1	9.91
C221	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.90
C223	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	13.51
C225	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.75
C226	TRAPEZOIDAL	1.00	7.50	0.64	11.50	1	7.94
C23	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.59
C230	CIRCULAR	0.60	0.28	0.15	0.60	1	0.49
C231_1	T-C231_1	1.56	20.53	0.68	30.00	1	29.74
C231_2	T-C231_2	1.70	13.84	0.52	27.00	1	17.53
C233	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.11
C234	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.03
C239	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.14
C24	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	18.49
C241	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	9.66
C245	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.98
C248	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.98
C25	T-C25	0.68	4.74	0.47	10.00	1	8.79
C251	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.02
C256	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.00
C259	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.33
C262	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.10
C263	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.85
C266	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	10.93
C267	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	12.78
C268	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	12.41
C27	CIRCULAR	0.85	0.57	0.21	0.85	2	0.57
C27_1	T-C27	0.45	2.91	0.36	8.00	1	3.22
C27_2	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	72.43
C271	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.46
C272	T-C272	1.61	13.00	0.61	28.13	1	20.68
C275	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.65
C276	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.06
C277	T-C277	0.44	1.73	0.17	10.01	1	0.98
C279	T-C279	1.50	12.03	0.56	20.89	1	15.32
C282	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.15
C283	T-C283	0.38	1.47	0.14	10.00	1	0.38
C284	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C285	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.38
C287	T-C287	1.59	16.12	0.66	23.02	1	11.20

C287_1	TRAPEZOIDAL	0.50	1.52	0.29	5.02	1	0.88
C287_2	TRAPEZOIDAL	0.69	2.61	0.39	6.54	1	1.82
C288	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	4.62
C289	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.94
C29	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.85
C291	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.98
C292	T-C292	1.68	15.29	0.63	22.48	1	17.89
C294	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	10.81
C296	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.00
C297_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.54
C299	T-C299	1.57	22.16	0.67	32.67	1	43.21
C3	TRAPEZOIDAL	0.50	1.25	0.27	4.50	1	0.57
C30	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.84
C300	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	12.64
C305	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.04
C308	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.70
C309	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.73
C31	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.92
C310_1	TRAPEZOIDAL	0.60	0.96	0.36	2.20	1	2.68
C310_2	T-C310	1.92	35.16	0.85	40.12	1	44.70
C311	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.04
C313	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.71
C314	T-C314	1.75	38.59	0.94	40.00	1	45.90
C319	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.59
C32	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.48
C320	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.16
C322	T-C322	1.57	38.31	0.91	40.00	1	5.40
C324	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.22
C326	T-C326	1.79	20.22	0.68	29.07	1	21.94
C327	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.25
C329	T-C329	1.90	36.27	0.87	40.03	1	29.01
C33	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	47.72
C331	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.74
C333	T-C333	1.64	25.80	0.61	40.01	1	25.58
C334	CIRCULAR	0.60	0.28	0.15	0.60	1	0.48
C335	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	11.48
C34	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	117.57
C340	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.45
C341	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.70
C346	T-C346	0.94	3.32	0.51	6.00	1	3.70
C35	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	103.39
C350	T-C350	1.14	8.76	0.65	12.75	1	9.66
C352	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	11.53
C353	T-C353	0.60	3.47	0.39	8.41	1	4.66
C355	TRAPEZOIDAL	0.77	3.13	0.43	7.15	1	1.03
C356	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.50
C359	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	13.99
C36	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	43.10
C361	CIRCULAR	0.40	0.13	0.10	0.40	1	0.11
C363	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.37
C365	T-C365	1.28	33.57	0.87	40.01	1	67.39
C367	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.42
C371	T-C371	1.18	31.19	0.78	40.00	1	81.49
C372	CIRCULAR	1.00	0.79	0.25	1.00	1	1.36
C374	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.70
C375	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.96
C376	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.38
C377	T-C377	1.19	26.61	0.65	40.00	1	19.26
C378	T-C378	0.41	6.39	0.29	22.00	1	4.21
C379	T-C379	0.32	3.68	0.17	22.05	1	2.07
C38	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	15.52
C381_1	T-C381	1.11	23.40	0.65	38.03	1	108.89
C381_2	T-C381	1.11	23.40	0.65	38.03	1	65.83
C384	T-C384	1.18	22.73	0.66	38.06	1	31.67
C385	T-C385	1.26	18.16	0.51	38.03	1	38.95
C388	CIRCULAR	1.25	1.23	0.31	1.25	1	1.53
C391	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	6.05
C397	T-C397	1.58	20.56	0.50	40.00	1	20.97
C398	T-C398	1.67	25.49	0.69	39.11	1	78.78
C399	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C4	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.62
C401	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.09
C403	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.37
C405	T-C405	2.18	24.99	0.70	37.63	1	55.68
C407	T-C407	1.30	22.49	0.63	38.08	1	8.69
C408	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.96
C409	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	6.30
C41	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.97
C413	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.59
C416	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	9.76
C42	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	19.32
C420	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.21
C423	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.84
C425	T-C425	1.05	22.96	0.56	40.01	1	7.04
C429	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.22
C43	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	86.49
C432	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.10
C433	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.46
C437	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.52
C439_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.50
C439_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.64
C44	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	4.34
C444_2	TRAPEZOIDAL	0.42	1.15	0.25	4.40	1	0.66
C445	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.89
C447	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.59
C448	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	4.96
C451	TRAPEZOIDAL	0.43	1.19	0.26	4.47	1	0.39
C452	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.23
C455	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.52
C457	T-C457	0.34	1.24	0.20	6.00	1	0.11
C460	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.45
C465	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.44
C466	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	3.80

C468	TRAPEZOIDAL	0.79	3.27	0.44	7.30	1	2.99
C469	TRAPEZOIDAL	0.78	3.24	0.43	7.27	1	2.38
C47	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	33.27
C472	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.56
C474	T-C474	0.68	8.08	0.40	19.98	1	2.07
C475	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.34
C478	TRAPEZOIDAL	0.80	3.37	0.44	7.42	1	1.92
C481	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.79
C485	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.74
C486	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.80
C49	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	13.40
C490	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.43
C491	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.59
C493	T-C493	0.76	4.30	0.42	10.01	1	1.57
C498	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	6.12
C499	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.66
C5	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.07
C50	T-C50	0.58	4.79	0.39	12.00	1	2.81
C505	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.78
C507	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.26
C513	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.14
C514	T-C514	0.53	3.25	0.32	10.00	1	1.80
C517	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.93
C518	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	9.85
C52	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.06
C520	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	20.94
C521	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.41
C522	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	7.79
C524	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.12
C525	T-C525	1.10	11.72	0.65	18.00	1	9.51
C525_3	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.18
C528	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.39
C53	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.36
C530	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.21
C535	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	19.46
C537_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.27
C537_3	TRAPEZOIDAL	1.00	8.00	0.65	12.00	1	6.34
C540	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.00
C541	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.56
C542	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.88
C543	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.97
C545	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.73
C546	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.28
C547	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.49
C548	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.15
C550	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.33
C551	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.22
C552	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.46
C553_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C553_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.01
C555	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.17
C556	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.27
C557	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C558	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.11
C559	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.03
C560_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	13.49
C560_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.78
C561	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.21
C562	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.16
C569	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.84
C57	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	11.27
C575	T-C575	1.11	13.28	0.66	20.03	1	14.46
C58	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	6.40
C580	T-C580	0.92	10.71	0.59	18.01	1	27.35
C584	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.20
C586	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.28
C587_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.45
C6	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.34
C60	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.77
C600	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.29
C614_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.17
C615	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.09
C617	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	7.23
C62	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.83
C621	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.53
C622	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	7.03
C624	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.18
C63_1	T-C63	1.16	20.37	0.53	37.78	1	44.87
C66	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.86
C7	TRAPEZOIDAL	0.50	1.25	0.27	4.50	1	2.08
C7_1	T-C7_1	1.22	5.82	0.57	9.87	1	18.30
C7_2	T-C7_2	0.93	5.11	0.49	10.13	1	7.62
C70	CIRCULAR	1.00	0.79	0.25	1.00	1	3.44
C72	TRAPEZOIDAL	0.50	0.75	0.27	2.50	1	0.29
C78	T-C78	1.15	14.17	0.71	19.25	1	12.05
C80	CIRCULAR	0.40	0.13	0.10	0.40	1	0.23
C81	T-C81	0.47	2.57	0.25	10.00	1	2.72
C82	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	10.85
C85	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.87
C88	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	9.83
C9	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	3.00
C9_1	12	0.87	5.69	0.56	10.03	1	2.79
C9_2	9	0.82	4.30	0.42	10.02	1	3.58
C93	CIRCULAR	0.90	0.64	0.23	0.90	1	1.29
C96	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	15.25
DDC01_CULVERT_600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.14
DDC02	TRAPEZOIDAL	0.34	1.24	0.23	5.37	1	0.56
DDC03	TRAPEZOIDAL	0.35	1.33	0.24	5.54	1	0.58
DDC04	TRAPEZOIDAL	0.35	1.31	0.24	5.49	1	0.49
DDC05	TRAPEZOIDAL	0.37	1.42	0.25	5.70	1	0.50
DDC06	TRAPEZOIDAL	0.43	1.76	0.28	6.26	1	0.67
MD_AR_Culvert700mm	FILLED_CIRCULAR	0.60	0.35	0.16	0.70	1	0.28
PDC01	TRAPEZOIDAL	1.04	3.21	0.57	5.16	1	3.84

PDC02_CULVERT450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.09
PDC03	TRAPEZOIDAL	1.08	3.41	0.59	5.32	1	3.22
PDC04	TRAPEZOIDAL	1.09	3.48	0.59	5.37	1	3.29
PDC05	TRAPEZOIDAL	1.21	4.13	0.64	5.83	1	5.06
PDC06	TRAPEZOIDAL	1.22	4.21	0.65	5.89	1	1.57
PDC07	TRAPEZOIDAL	1.13	3.67	0.61	5.51	1	3.21
PDC08_CULVERT450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.17
PDC09	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	2.80

Transect Summary

Transect 1093

Area:

0.0002	0.0008	0.0018	0.0031	0.0049
0.0070	0.0095	0.0148	0.0238	0.0379
0.0545	0.0723	0.0913	0.1114	0.1319
0.1525	0.1733	0.1943	0.2155	0.2370
0.2587	0.2806	0.3027	0.3251	0.3478
0.3706	0.3937	0.4171	0.4406	0.4645
0.4885	0.5128	0.5374	0.5623	0.5874
0.6129	0.6385	0.6645	0.6907	0.7172
0.7440	0.7711	0.7985	0.8262	0.8543
0.8828	0.9116	0.9407	0.9702	1.0000

Hrad:

0.0149	0.0298	0.0447	0.0596	0.0744
0.0893	0.1042	0.0987	0.0942	0.0937
0.1086	0.1268	0.1460	0.1640	0.1926
0.2209	0.2489	0.2765	0.3033	0.3298
0.3560	0.3820	0.4078	0.4334	0.4587
0.4838	0.5087	0.5334	0.5579	0.5823
0.6058	0.6289	0.6518	0.6745	0.6970
0.7194	0.7416	0.7637	0.7857	0.8074
0.8291	0.8491	0.8683	0.8874	0.9064
0.9253	0.9441	0.9628	0.9814	1.0000

Width:

0.0130	0.0260	0.0389	0.0519	0.0649
0.0779	0.0908	0.2513	0.3739	0.5354
0.5744	0.6135	0.6525	0.6798	0.6855
0.6912	0.6968	0.7033	0.7112	0.7190
0.7269	0.7348	0.7427	0.7505	0.7584
0.7663	0.7742	0.7820	0.7899	0.7978
0.8065	0.8156	0.8247	0.8337	0.8428
0.8519	0.8610	0.8701	0.8792	0.8883
0.8973	0.9081	0.9196	0.9311	0.9426
0.9540	0.9655	0.9770	0.9885	1.0000

Transect 1094

Area:

0.0002	0.0007	0.0015	0.0026	0.0041
0.0059	0.0080	0.0104	0.0132	0.0163
0.0197	0.0249	0.0364	0.0524	0.0709
0.0905	0.1113	0.1332	0.1557	0.1784
0.2012	0.2242	0.2473	0.2706	0.2942
0.3183	0.3427	0.3675	0.3926	0.4181
0.4440	0.4703	0.4969	0.5238	0.5510
0.5785	0.6063	0.6345	0.6629	0.6916
0.7207	0.7501	0.7797	0.8098	0.8403
0.8713	0.9028	0.9347	0.9671	1.0000

Hrad:

0.0163	0.0326	0.0489	0.0652	0.0815
0.0978	0.1141	0.1304	0.1466	0.1629
0.1792	0.1811	0.1585	0.1493	0.1580
0.1733	0.1912	0.1965	0.2282	0.2598
0.2911	0.3223	0.3532	0.3813	0.4082
0.4349	0.4612	0.4872	0.5130	0.5385
0.5638	0.5888	0.6147	0.6407	0.6664
0.6920	0.7173	0.7425	0.7674	0.7922
0.8168	0.8413	0.8654	0.8849	0.9043
0.9236	0.9428	0.9619	0.9810	1.0000

Width:

0.0099	0.0197	0.0296	0.0394	0.0493
0.0591	0.0690	0.0789	0.0887	0.0986
0.1084	0.2688	0.4216	0.5409	0.5755
0.6100	0.6445	0.6781	0.6824	0.6867
0.6910	0.6953	0.6996	0.7092	0.7203
0.7315	0.7426	0.7538	0.7649	0.7761
0.7872	0.7984	0.8079	0.8172	0.8264
0.8357	0.8449	0.8542	0.8635	0.8727
0.8820	0.8912	0.9006	0.9148	0.9290
0.9432	0.9574	0.9716	0.9858	1.0000

Transect 1095

Area:

0.0002	0.0007	0.0017	0.0029	0.0046
0.0066	0.0090	0.0117	0.0149	0.0183
0.0222	0.0274	0.0402	0.0575	0.0763
0.0961	0.1170	0.1390	0.1619	0.1852
0.2088	0.2325	0.2565	0.2807	0.3051
0.3297	0.3545	0.3795	0.4048	0.4302
0.4559	0.4818	0.5080	0.5344	0.5611
0.5881	0.6154	0.6429	0.6708	0.6989
0.7273	0.7559	0.7849	0.8141	0.8439
0.8741	0.9048	0.9361	0.9678	1.0000

Hrad:

0.0161	0.0321	0.0482	0.0643	0.0803
0.0964	0.1125	0.1285	0.1446	0.1606
0.1767	0.1834	0.1576	0.1518	0.1616
0.1772	0.1952	0.2142	0.2266	0.2568
0.2868	0.3166	0.3461	0.3753	0.4043
0.4331	0.4617	0.4901	0.5182	0.5462

	0.1452	0.1655	0.1860	0.2067	0.2277
	0.2490	0.2705	0.2922	0.3142	0.3364
	0.3589	0.3816	0.4046	0.4278	0.4513
	0.4750	0.4990	0.5233	0.5481	0.5732
	0.5987	0.6245	0.6508	0.6774	0.7044
	0.7317	0.7595	0.7877	0.8164	0.8455
	0.8750	0.9050	0.9354	0.9668	1.0000
Hrad:					
	0.0169	0.0338	0.0506	0.0675	0.0844
	0.1013	0.1158	0.1206	0.1197	0.1144
	0.1283	0.1472	0.1678	0.1888	0.2129
	0.2447	0.2761	0.3068	0.3370	0.3669
	0.3965	0.4258	0.4549	0.4836	0.5121
	0.5404	0.5684	0.5962	0.6237	0.6511
	0.6782	0.7017	0.7248	0.7478	0.7706
	0.7932	0.8157	0.8380	0.8602	0.8822
	0.9025	0.9223	0.9421	0.9617	0.9813
	1.0008	1.0202	1.0395	1.0189	1.0000
Width:					
	0.0129	0.0257	0.0386	0.0514	0.0643
	0.0771	0.1117	0.1702	0.2870	0.4393
	0.4733	0.5073	0.5413	0.5753	0.5876
	0.5934	0.5992	0.6062	0.6134	0.6206
	0.6278	0.6350	0.6422	0.6494	0.6566
	0.6638	0.6710	0.6782	0.6854	0.6926
	0.6998	0.7105	0.7215	0.7324	0.7433
	0.7542	0.7651	0.7760	0.7869	0.7978
	0.8102	0.8229	0.8357	0.8484	0.8612
	0.8739	0.8866	0.8994	0.9487	1.0000

Transect T-C97

Area:					
	0.0002	0.0009	0.0020	0.0035	0.0055
	0.0079	0.0108	0.0141	0.0178	0.0220
	0.0266	0.0316	0.0376	0.0449	0.0590
	0.0798	0.1031	0.1264	0.1499	0.1736
	0.1973	0.2213	0.2453	0.2696	0.2940
	0.3186	0.3435	0.3685	0.3939	0.4194
	0.4452	0.4712	0.4975	0.5239	0.5506
	0.5776	0.6047	0.6321	0.6597	0.6877
	0.7162	0.7453	0.7749	0.8051	0.8359
	0.8672	0.8993	0.9321	0.9657	1.0000
Hrad:					
	0.0172	0.0343	0.0515	0.0687	0.0858
	0.1030	0.1201	0.1373	0.1545	0.1716
	0.1888	0.2005	0.2003	0.2024	0.1870
	0.1199	0.1538	0.1875	0.2209	0.2541
	0.2872	0.3200	0.3527	0.3851	0.4161
	0.4467	0.4771	0.5073	0.5372	0.5668
	0.5963	0.6255	0.6546	0.6834	0.7120
	0.7404	0.7687	0.7967	0.8246	0.8441
	0.8623	0.8804	0.8986	0.9167	0.9347
	0.9492	0.9616	0.9742	0.9870	1.0000
Width:					
	0.0127	0.0253	0.0380	0.0506	0.0633
	0.0759	0.0886	0.1012	0.1139	0.1265
	0.1392	0.1561	0.1859	0.3287	0.4901
	0.6667	0.6709	0.6750	0.6792	0.6833
	0.6874	0.6916	0.6957	0.6999	0.7063
	0.7130	0.7196	0.7262	0.7329	0.7395
	0.7461	0.7528	0.7594	0.7660	0.7727
	0.7793	0.7859	0.7926	0.7992	0.8139
	0.8298	0.8458	0.8618	0.8778	0.8937
	0.9132	0.9349	0.9566	0.9783	1.0000

Analysis Options

Flow Units CMS
Process Models:
 Rainfall/Runoff YES
 RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing YES
 Ponding Allowed YES
 Water Quality NO
Infiltration Method CURVE_NUMBER
Flow Routing Method DYNWAVE
Surcharge Method EXTRAN
Starting Date 09/13/2025 00:00:00
Ending Date 09/17/2025 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:05:00
Dry Time Step 00:05:00
Routing Time Step 5.00 sec
Variable Time Step YES
Maximum Trials 8
Number of Threads 6
Head Tolerance 0.001500 m

*****	Volume	Depth
Runoff Quantity Continuity	hectare-m	mm
*****	-----	-----
Total Precipitation	6.902	25.001
Evaporation Loss	0.000	0.000
Infiltration Loss	6.133	22.218
Surface Runoff	0.440	1.592
Final Storage	0.332	1.201
Continuity Error (%)	-0.044	

```

*****
Flow Routing Continuity      Volume      Volume
                             hectare-m    10^6 ltr
*****
Dry Weather Inflow .....    0.000      0.000
Wet Weather Inflow .....    0.440      4.395
Groundwater Inflow .....    0.000      0.000
RDII Inflow .....           0.000      0.000
External Inflow .....       0.000      0.000
External Outflow .....      0.420      4.199
Flooding Loss .....         0.000      0.000
Evaporation Loss .....      0.000      0.000
Exfiltration Loss .....     0.000      0.000
Initial Stored Volume ....   0.146      1.457
Final Stored Volume .....   0.166      1.658
Continuity Error (%) .....  -0.076

```

```

*****
Highest Continuity Errors
*****
Node J12_1 (97.79%)
Node 15183 (38.17%)
Node 31727 (32.39%)
Node J43 (28.29%)
Node J23 (27.61%)

```

```

*****
Time-Step Critical Elements
*****
Link C137 (2.29%)

```

```

*****
Highest Flow Instability Indexes
*****
Link C147 (1)

```

```

*****
Most Frequent Nonconverging Nodes
*****
Convergence obtained at all time steps.

```

```

*****
Routing Time Step Summary
*****
Minimum Time Step      :    0.00 sec
Average Time Step      :    4.92 sec
Maximum Time Step     :    5.00 sec
% of Time in Steady State :    0.00
Average Iterations per Step :    2.00
% of Steps Not Converging :    0.00
Time Step Frequencies :
  5.000 - 3.155 sec   :   98.42 %
  3.155 - 1.991 sec   :    0.64 %
  1.991 - 1.256 sec   :    0.59 %
  1.256 - 0.792 sec   :    0.17 %
  0.792 - 0.500 sec   :    0.18 %

```

```

*****
Subcatchment Runoff Summary
*****

```

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff CMS	Runoff Coeff
S1	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.00	0.00	0.048
S10	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.00	0.00	0.048
S100	25.00	0.00	0.00	0.00	23.90	0.00	23.90	0.07	0.06	0.956
S101	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S102	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.00	0.048
S103	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S104	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.00	0.00	0.048
S105	25.00	0.00	0.00	0.00	23.95	0.00	23.95	0.02	0.02	0.958
S106	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.01	0.00	0.048
S107	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S108	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.01	0.01	0.048
S109	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S11	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S110	25.00	0.00	0.00	0.00	24.08	0.00	24.08	0.01	0.01	0.963
S111	25.00	0.00	0.00	0.00	24.10	0.00	24.10	0.01	0.01	0.964
S112	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.00	0.00	0.048
S113	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.05	0.04	0.048
S113_2	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.02	0.02	0.048
S114	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S114_3	25.00	0.00	0.00	4.63	18.18	1.07	19.25	0.04	0.03	0.770
S115	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.01	0.01	0.048
S116	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.01	0.00	0.048
S117	25.00	0.00	0.00	22.56	1.20	0.00	1.20	0.00	0.00	0.048
S118	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S119	25.00	0.00	0.00	22.59	1.20	0.00	1.20	0.02	0.01	0.048
S12	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.00	0.048
S120	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S121	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.00	0.048
S122	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S123	25.00	0.00	0.00	22.60	1.20	0.00	1.20	0.02	0.01	0.048

S514_3	25.00	0.00	0.00	22.61	1.21	0.00	1.21	0.00	0.00	0.048
S516	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S517	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.01	0.01	0.048
S518	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S52	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.00	0.048
S520	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.00	0.00	0.048
S522	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.00	0.00	0.048
S528	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S53	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.00	0.00	0.048
S536	25.00	0.00	0.00	22.61	1.21	0.00	1.21	0.01	0.01	0.048
S538	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.01	0.01	0.048
S539	25.00	0.00	0.00	22.61	1.21	0.00	1.21	0.01	0.01	0.048
S54	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S540	25.00	0.00	0.00	22.61	1.21	0.00	1.21	0.01	0.01	0.048
S547	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S549	25.00	0.00	0.00	22.61	1.21	0.00	1.21	0.01	0.01	0.048
S55	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S552	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S553	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S56	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S560	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S562	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S566	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.00	0.048
S57	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.00	0.00	0.048
S58	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.00	0.00	0.048
S585	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.00	0.048
S59	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S590	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S594	25.00	0.00	0.00	22.61	1.21	0.00	1.21	0.01	0.01	0.048
S6	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.00	0.048
S60	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S61	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S617	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.00	0.00	0.048
S62	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S627	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S63	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S634	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S64	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S65	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.02	0.01	0.048
S658	25.00	0.57	0.00	23.08	1.23	0.01	1.24	0.01	0.01	0.048
S66	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S665	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S67	25.00	0.00	0.00	22.57	1.19	0.00	1.19	0.01	0.00	0.048
S68	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S682_1	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.00	0.00	0.048
S689	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.00	0.048
S69	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S7	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.02	0.01	0.048
S70	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S71	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S72	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S73	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.05	0.04	0.048
S73_2	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.09	0.08	0.048
S74	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.01	0.00	0.048
S745	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S75	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S76	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.00	0.00	0.048
S764	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S765_2	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.00	0.00	0.048
S765_4	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.00	0.00	0.048
S769	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.00	0.00	0.048
S77	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.00	0.00	0.048
S78	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S79	25.00	0.00	0.00	22.61	1.21	0.00	1.21	0.01	0.00	0.048
S8	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.01	0.00	0.048
S80	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.05	0.04	0.048
S807	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S81	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S81_1	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.01	0.01	0.048
S82	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.01	0.01	0.048
S83	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.02	0.02	0.048
S84	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S85	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S86	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S87	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.04	0.03	0.048
S88	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.01	0.01	0.048
S89	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S892_2	25.00	0.00	0.00	0.00	24.02	0.00	24.02	0.12	0.07	0.961
S893_2	25.00	0.00	0.00	0.00	24.02	0.00	24.02	0.14	0.09	0.961
S894_3	25.00	0.00	0.00	0.00	24.02	0.00	24.02	0.04	0.03	0.961
S896_2	25.00	0.00	0.00	0.00	24.02	0.00	24.02	0.10	0.06	0.961
S897_2	25.00	0.00	0.00	0.00	24.02	0.00	24.02	0.09	0.05	0.961
S898	25.00	0.00	0.00	0.00	23.85	0.00	23.85	0.01	0.01	0.954
S899	25.00	0.00	0.00	4.78	18.35	0.92	19.27	0.00	0.00	0.771
S9	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.01	0.00	0.048
S90	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.02	0.01	0.048
S900	25.00	0.00	0.00	4.81	18.35	0.89	19.25	0.02	0.02	0.770
S901_2	25.00	0.00	0.00	0.00	24.02	0.00	24.02	0.10	0.06	0.961
S902	25.00	0.00	0.00	4.81	18.35	0.89	19.25	0.03	0.02	0.770
S903	25.00	0.00	0.00	4.81	18.35	0.89	19.25	0.03	0.02	0.770
S904_3	25.00	0.00	0.00	0.00	24.02	0.00	24.02	0.07	0.04	0.961
S905_2	25.00	0.00	0.00	0.00	24.08	0.00	24.08	0.01	0.01	0.963
S908_3	25.00	15.86	0.00	0.00	39.89	0.00	39.89	0.01	0.01	0.976
S91	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S910_2	25.00	0.00	0.00	4.71	18.18	0.99	19.17	0.04	0.03	0.767
S911_2	25.00	0.00	0.00	4.71	18.18	0.99	19.17	0.03	0.02	0.767
S912_3	25.00	0.00	0.00	4.71	18.18	0.99	19.17	0.02	0.02	0.767
S915_2	25.00	0.00	0.00	4.71	18.18	0.99	19.17	0.03	0.02	0.767
S916_2	25.00	0.00	0.00	4.71	18.18	0.99	19.17	0.04	0.03	0.767
S92	25.00	0.00	0.00	22.61	1.21	0.00	1.21	0.01	0.01	0.048
S93	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048
S94	25.00	0.00	0.00	22.60	1.20	0.00	1.20	0.00	0.00	0.048
S95	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.01	0.01	0.048

S96	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.01	0.00	0.048
S97	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.00	0.00	0.048
S98	25.00	0.00	0.00	22.61	1.19	0.00	1.19	0.00	0.00	0.048
S99	25.00	0.00	0.00	22.61	1.20	0.00	1.20	0.01	0.01	0.048

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
15017	JUNCTION	0.04	0.07	95.48	0 01:41	0.07
15023	JUNCTION	0.01	0.03	95.47	0 02:20	0.03
15115	JUNCTION	0.01	0.07	96.09	0 01:57	0.07
15169	JUNCTION	0.00	0.00	95.50	0 00:00	0.00
15183	JUNCTION	0.04	0.07	95.47	0 02:20	0.07
15526	JUNCTION	0.00	0.01	95.40	0 02:00	0.01
15536	JUNCTION	0.01	0.02	95.30	0 03:08	0.02
16468	JUNCTION	0.00	0.05	96.28	0 01:40	0.05
16472	JUNCTION	0.00	0.00	96.77	0 00:00	0.00
16496	JUNCTION	0.00	0.07	96.34	0 01:35	0.07
16553	JUNCTION	0.00	0.00	96.37	0 00:00	0.00
16555	JUNCTION	0.00	0.00	96.79	0 00:00	0.00
16576	JUNCTION	0.00	0.00	96.48	0 00:00	0.00
16611	JUNCTION	0.00	0.05	96.45	0 01:36	0.05
16639	JUNCTION	0.00	0.04	96.21	0 01:40	0.04
16641	JUNCTION	0.00	0.00	96.41	0 00:00	0.00
16677	JUNCTION	0.01	0.10	96.02	0 02:36	0.10
16797	JUNCTION	0.01	0.06	96.66	0 02:13	0.06
16799	JUNCTION	0.00	0.00	97.10	0 00:00	0.00
16815	JUNCTION	0.00	0.06	96.75	0 02:04	0.06
16874	JUNCTION	0.01	0.06	97.00	0 02:03	0.06
16876	JUNCTION	0.00	0.00	97.44	0 00:00	0.00
16902	JUNCTION	0.00	0.05	97.07	0 02:02	0.05
17000	JUNCTION	0.00	0.07	97.30	0 01:54	0.07
17050	JUNCTION	0.01	0.10	97.42	0 01:48	0.10
17077	JUNCTION	0.00	0.00	97.47	0 00:00	0.00
17111	JUNCTION	0.00	0.00	97.14	0 00:00	0.00
17114	JUNCTION	0.00	0.00	98.13	0 00:00	0.00
17125	JUNCTION	0.00	0.00	97.51	0 00:00	0.00
17181	JUNCTION	0.00	0.00	97.98	0 00:00	0.00
17189	JUNCTION	0.00	0.00	97.80	0 00:00	0.00
17196	JUNCTION	0.00	0.00	98.42	0 00:00	0.00
17316	JUNCTION	0.01	0.06	94.91	0 01:41	0.06
30259	JUNCTION	0.01	0.16	92.28	0 01:41	0.16
30475	JUNCTION	0.02	0.15	93.00	0 02:08	0.15
30654	JUNCTION	0.00	0.00	93.32	0 00:00	0.00
30690	JUNCTION	0.00	0.04	93.27	0 01:40	0.04
30703	JUNCTION	0.00	0.07	93.07	0 01:42	0.07
30723	JUNCTION	0.00	0.05	93.03	0 01:46	0.05
30741	JUNCTION	0.00	0.03	92.94	0 01:47	0.03
30776	JUNCTION	0.03	0.21	92.90	0 02:11	0.21
30790	JUNCTION	0.00	0.04	93.08	0 01:46	0.04
30821	JUNCTION	0.00	0.09	93.27	0 01:44	0.09
30846	JUNCTION	0.00	0.03	93.54	0 01:40	0.03
30874	JUNCTION	0.00	0.00	94.14	0 00:00	0.00
30901	JUNCTION	0.00	0.00	95.23	0 00:00	0.00
30961	JUNCTION	0.01	0.07	93.85	0 01:43	0.07
31055	JUNCTION	0.01	0.08	93.43	0 01:44	0.08
31056	JUNCTION	0.00	0.00	94.36	0 00:00	0.00
31282	JUNCTION	0.10	0.19	93.70	0 01:52	0.19
31294	JUNCTION	0.03	0.12	93.70	0 01:53	0.12
31330	JUNCTION	0.01	0.10	93.70	0 02:06	0.10
31346	JUNCTION	0.02	0.11	93.70	0 02:08	0.11
31478	JUNCTION	0.01	0.08	93.70	0 02:31	0.08
31499	JUNCTION	0.01	0.08	93.71	0 01:42	0.08
31616	JUNCTION	0.01	0.17	93.74	0 01:44	0.17
31659	JUNCTION	0.03	0.24	93.05	0 02:36	0.24
31679	JUNCTION	0.02	0.14	93.38	0 02:31	0.14
31692	JUNCTION	0.10	0.29	93.47	0 02:30	0.29
31717	JUNCTION	0.08	0.27	93.47	0 02:30	0.27
31727	JUNCTION	0.10	0.11	94.54	0 02:12	0.11
31735	JUNCTION	0.00	0.07	94.61	0 01:44	0.07
33074	JUNCTION	0.01	0.02	94.54	0 02:12	0.02
33088	JUNCTION	0.00	0.04	94.20	0 02:22	0.04
33102	JUNCTION	0.00	0.04	94.17	0 02:29	0.04
33116	JUNCTION	0.01	0.05	94.09	0 02:48	0.05
33130	JUNCTION	0.00	0.01	93.94	0 02:50	0.01
33147	JUNCTION	0.02	0.09	93.77	0 02:26	0.09
33161	JUNCTION	0.02	0.11	93.67	0 02:27	0.11
35248	JUNCTION	0.00	0.09	96.17	0 01:46	0.09
35262	JUNCTION	0.00	0.09	96.21	0 01:42	0.09
ARDJ01	JUNCTION	0.00	0.04	97.86	0 01:40	0.04
ARDJ02	JUNCTION	0.00	0.08	97.86	0 01:40	0.08
ARDJ03	JUNCTION	0.00	0.09	97.83	0 01:40	0.09
ARDJ04	JUNCTION	0.00	0.15	97.69	0 01:40	0.15
ARDJ05	JUNCTION	0.00	0.15	97.61	0 01:41	0.15
ARDJ06	JUNCTION	0.00	0.17	97.45	0 01:42	0.17
ARDJ07	JUNCTION	0.00	0.19	97.24	0 01:42	0.19
ARDJ08	JUNCTION	0.00	0.18	97.16	0 01:44	0.18
ARDJ09	JUNCTION	0.00	0.19	96.78	0 01:46	0.19
ARDJ10	JUNCTION	0.01	0.20	96.52	0 01:48	0.20
ARDJ11	JUNCTION	0.01	0.20	96.28	0 01:52	0.20
ARDJ12	JUNCTION	0.00	0.17	96.02	0 01:53	0.17
ARDJ13	JUNCTION	0.00	0.11	95.62	0 01:54	0.11
ARDJ14	JUNCTION	0.01	0.15	95.52	0 01:42	0.15
DDJ01	JUNCTION	0.01	0.16	95.62	0 01:43	0.16
DDJ02	JUNCTION	0.00	0.07	95.50	0 01:42	0.07
DDJ03	JUNCTION	0.00	0.07	95.45	0 01:45	0.07

DDJ04	JUNCTION	0.00	0.07	95.40	0	01:50	0.07
DDJ05	JUNCTION	0.00	0.07	95.31	0	01:56	0.07
DDJ06	JUNCTION	0.00	0.06	95.23	0	02:08	0.06
J1	JUNCTION	0.00	0.04	93.74	0	01:44	0.04
J100	JUNCTION	0.00	0.04	98.42	0	01:42	0.04
J1010	JUNCTION	0.02	0.16	93.87	0	01:55	0.16
J102	JUNCTION	0.00	0.03	98.28	0	01:43	0.03
J1036	JUNCTION	0.02	0.13	93.65	0	02:06	0.13
J109	JUNCTION	0.00	0.04	98.39	0	01:45	0.04
J11	JUNCTION	0.01	0.10	95.77	0	02:43	0.10
J112	JUNCTION	0.00	0.04	97.58	0	01:41	0.04
J114	JUNCTION	0.00	0.02	97.67	0	01:52	0.02
J1142	JUNCTION	0.00	0.11	93.58	0	01:43	0.11
J116	JUNCTION	0.00	0.03	96.49	0	01:40	0.03
J12_1	JUNCTION	0.00	0.00	96.33	0	01:43	0.00
J1209	JUNCTION	0.01	0.13	94.81	0	01:47	0.13
J1210	JUNCTION	0.00	0.05	97.43	0	01:43	0.05
J1213	JUNCTION	0.01	0.09	94.89	0	01:46	0.09
J1216	JUNCTION	0.00	0.04	96.69	0	03:36	0.04
J1219	JUNCTION	0.00	0.07	96.26	0	01:42	0.07
J1222	JUNCTION	0.00	0.03	96.01	0	02:13	0.03
J1225	JUNCTION	0.00	0.03	98.27	0	02:30	0.03
J1227	JUNCTION	0.00	0.07	98.57	0	01:45	0.07
J1229	JUNCTION	0.00	0.03	97.22	0	02:43	0.03
J1231	JUNCTION	0.01	0.09	97.53	0	02:07	0.09
J1232	JUNCTION	0.00	0.07	96.88	0	01:44	0.07
J1233	JUNCTION	0.05	0.22	93.02	0	02:40	0.22
J124	JUNCTION	0.00	0.01	97.68	0	01:41	0.01
J1240	JUNCTION	0.01	0.11	94.81	0	02:24	0.11
J1241	JUNCTION	0.01	0.06	95.24	0	04:43	0.06
J1249	JUNCTION	0.01	0.13	94.92	0	01:43	0.13
J1254	JUNCTION	0.00	0.06	96.79	0	03:20	0.06
J1258	JUNCTION	0.00	0.02	96.18	0	01:43	0.02
J1259	JUNCTION	0.00	0.05	95.59	0	01:59	0.05
J126	JUNCTION	0.00	0.08	97.39	0	01:44	0.08
J1260	JUNCTION	0.00	0.15	95.68	0	01:41	0.15
J1268	JUNCTION	0.01	0.10	95.31	0	02:09	0.10
J1270	JUNCTION	0.01	0.10	95.08	0	04:47	0.10
J1272	JUNCTION	0.01	0.19	93.86	0	01:44	0.19
J1273	JUNCTION	0.01	0.10	96.94	0	02:26	0.10
J1276	JUNCTION	0.00	0.13	93.91	0	01:40	0.13
J1277	JUNCTION	0.00	0.05	97.23	0	02:07	0.05
J1278	JUNCTION	0.01	0.16	94.23	0	01:47	0.16
J1279	JUNCTION	0.00	0.03	97.49	0	02:07	0.03
J1280	JUNCTION	0.00	0.05	97.30	0	02:00	0.05
J1294	JUNCTION	0.00	0.05	97.07	0	02:59	0.05
J1299	JUNCTION	0.00	0.07	95.21	0	01:43	0.07
J13	JUNCTION	0.00	0.10	98.34	0	01:40	0.10
J1300	JUNCTION	0.05	0.10	97.27	0	02:04	0.10
J1301	JUNCTION	0.01	0.09	95.69	0	04:34	0.09
J1306	JUNCTION	0.00	0.03	97.55	0	01:55	0.03
J1308	JUNCTION	0.00	0.06	94.87	0	01:42	0.06
J1314	JUNCTION	0.00	0.08	95.92	0	01:45	0.08
J1318	JUNCTION	0.01	0.17	95.54	0	02:02	0.17
J1322	JUNCTION	0.00	0.07	94.02	0	01:40	0.07
J1324	JUNCTION	0.01	0.10	97.65	0	02:01	0.10
J1325	JUNCTION	0.00	0.17	93.86	0	01:43	0.17
J1329	JUNCTION	0.02	0.17	94.75	0	02:47	0.17
J1330	JUNCTION	0.00	0.06	93.59	0	02:10	0.06
J1331	JUNCTION	0.00	0.11	94.71	0	02:05	0.11
J1332	JUNCTION	0.01	0.08	95.90	0	04:10	0.08
J1334	JUNCTION	0.00	0.07	94.54	0	01:40	0.07
J1335	JUNCTION	0.01	0.09	93.24	0	02:06	0.09
J1338	JUNCTION	0.00	0.07	97.15	0	02:38	0.07
J1344	JUNCTION	0.02	0.18	96.92	0	02:30	0.18
J1348	JUNCTION	0.02	0.17	94.61	0	01:42	0.17
J135	JUNCTION	0.00	0.01	97.18	0	01:44	0.01
J1352	JUNCTION	0.02	0.16	93.34	0	03:16	0.16
J1355	JUNCTION	0.01	0.09	94.63	0	02:10	0.09
J138	JUNCTION	0.00	0.02	98.49	0	01:51	0.02
J140	JUNCTION	0.00	0.02	98.33	0	01:49	0.02
J142	JUNCTION	0.01	0.08	96.73	0	02:34	0.08
J15	JUNCTION	0.00	0.05	96.40	0	01:42	0.05
J153	JUNCTION	0.00	0.04	97.10	0	01:46	0.04
J159	JUNCTION	0.00	0.04	96.83	0	01:36	0.04
J161	JUNCTION	0.00	0.02	97.76	0	01:41	0.02
J165	JUNCTION	0.00	0.05	96.59	0	01:43	0.05
J167	JUNCTION	0.00	0.02	97.53	0	01:41	0.02
J169	JUNCTION	0.00	0.05	97.04	0	03:12	0.05
J17	JUNCTION	0.07	0.15	98.32	0	01:42	0.15
J172	JUNCTION	0.00	0.03	96.78	0	01:42	0.03
J18	JUNCTION	0.01	0.12	95.22	0	01:46	0.12
J19	JUNCTION	0.00	0.10	93.36	0	01:41	0.10
J199	JUNCTION	0.00	0.01	97.56	0	01:47	0.01
J2	JUNCTION	0.01	0.12	94.01	0	02:14	0.12
J20	JUNCTION	0.02	0.11	98.33	0	01:40	0.11
J205	JUNCTION	0.03	0.09	97.08	0	02:56	0.09
J209	JUNCTION	0.00	0.05	96.38	0	03:42	0.05
J217	JUNCTION	0.00	0.04	97.28	0	01:42	0.04
J219	JUNCTION	0.00	0.03	97.42	0	02:24	0.03
J221	JUNCTION	0.06	0.24	95.29	0	02:11	0.24
J225	JUNCTION	0.01	0.05	97.28	0	01:42	0.05
J229	JUNCTION	0.00	0.06	96.45	0	01:40	0.06
J23	JUNCTION	0.13	0.16	98.27	0	01:52	0.16
J241	JUNCTION	0.00	0.03	96.41	0	01:44	0.03
J254	JUNCTION	0.00	0.03	97.13	0	01:40	0.03
J273	JUNCTION	0.00	0.06	97.19	0	01:40	0.06
J275	JUNCTION	0.00	0.03	96.19	0	01:58	0.03
J28	JUNCTION	0.04	0.07	98.27	0	02:24	0.07
J283	JUNCTION	0.00	0.04	96.16	0	03:53	0.04
J294	JUNCTION	0.00	0.04	96.23	0	03:46	0.04
J299	JUNCTION	0.00	0.02	96.10	0	01:43	0.02
J3	JUNCTION	0.29	0.37	93.78	0	02:26	0.37

J30	JUNCTION	0.00	0.06	97.69	0	01:37	0.06
J304	JUNCTION	0.00	0.07	96.05	0	01:36	0.07
J319	JUNCTION	0.00	0.04	95.92	0	02:12	0.04
J32	JUNCTION	0.06	0.10	98.27	0	02:25	0.10
J329	JUNCTION	0.00	0.03	95.20	0	01:40	0.03
J35	JUNCTION	0.20	0.24	98.27	0	02:25	0.24
J355	JUNCTION	0.00	0.01	94.31	0	01:42	0.01
J36	JUNCTION	0.00	0.05	93.47	0	01:45	0.05
J360	JUNCTION	0.00	0.03	95.94	0	01:40	0.03
J362	JUNCTION	0.00	0.05	96.33	0	01:51	0.05
J37	JUNCTION	0.00	0.09	99.01	0	01:40	0.09
J372	JUNCTION	0.00	0.05	96.63	0	01:47	0.05
J384	JUNCTION	0.00	0.06	94.92	0	01:43	0.06
J39	JUNCTION	0.00	0.05	97.83	0	01:42	0.05
J392	JUNCTION	0.00	0.04	95.38	0	01:40	0.04
J394	JUNCTION	0.00	0.04	95.17	0	01:40	0.04
J396	JUNCTION	0.00	0.05	95.05	0	01:42	0.05
J398	JUNCTION	0.00	0.03	95.74	0	04:11	0.03
J41	JUNCTION	0.00	0.04	98.14	0	01:40	0.04
J419	JUNCTION	0.00	0.08	95.97	0	01:52	0.08
J43	JUNCTION	0.26	0.29	98.27	0	01:42	0.29
J433	JUNCTION	0.00	0.08	95.78	0	01:40	0.08
J443	JUNCTION	0.00	0.18	95.83	0	01:38	0.18
J447	JUNCTION	0.00	0.04	95.44	0	01:40	0.04
J449	JUNCTION	0.00	0.08	94.82	0	01:53	0.08
J451	JUNCTION	0.00	0.08	95.33	0	01:41	0.08
J453	JUNCTION	0.00	0.05	94.86	0	01:46	0.05
J455	JUNCTION	0.00	0.08	95.64	0	01:47	0.08
J458	JUNCTION	0.00	0.16	95.66	0	01:42	0.16
J46	JUNCTION	0.00	0.07	95.73	0	01:40	0.07
J462	JUNCTION	0.01	0.11	94.68	0	02:08	0.11
J467	JUNCTION	0.00	0.10	95.37	0	01:40	0.10
J47	JUNCTION	0.00	0.01	95.76	0	01:58	0.01
J472	JUNCTION	0.00	0.10	95.37	0	01:40	0.10
J475	JUNCTION	0.00	0.09	95.25	0	01:42	0.09
J479	JUNCTION	0.10	0.21	94.81	0	01:55	0.21
J48	JUNCTION	0.00	0.07	97.51	0	01:41	0.07
J491	JUNCTION	0.01	0.15	94.76	0	02:18	0.15
J50	JUNCTION	0.00	0.11	94.81	0	01:56	0.11
J51	JUNCTION	0.01	0.11	95.70	0	01:56	0.11
J52	JUNCTION	0.00	0.06	98.66	0	01:51	0.06
J523	JUNCTION	0.01	0.12	94.55	0	02:30	0.12
J525	JUNCTION	0.01	0.14	95.54	0	02:01	0.14
J54	JUNCTION	0.02	0.07	97.43	0	01:42	0.07
J55	JUNCTION	0.01	0.19	95.29	0	02:10	0.19
J56	JUNCTION	0.00	0.05	97.45	0	01:50	0.05
J562	JUNCTION	0.03	0.17	94.74	0	02:05	0.17
J57	JUNCTION	0.00	0.00	95.59	0	00:00	0.00
J576	JUNCTION	0.00	0.04	95.10	0	01:35	0.04
J58	JUNCTION	0.00	0.04	93.74	0	01:42	0.04
J580	JUNCTION	0.00	0.03	94.52	0	01:41	0.03
J584	JUNCTION	0.01	0.12	95.39	0	02:04	0.12
J59	JUNCTION	0.00	0.08	98.97	0	01:42	0.08
J596	JUNCTION	0.00	0.10	95.37	0	01:40	0.10
J598	JUNCTION	0.01	0.09	94.01	0	02:14	0.09
J602	JUNCTION	0.00	0.01	95.23	0	01:43	0.01
J61	JUNCTION	0.00	0.03	98.65	0	01:41	0.03
J611	JUNCTION	0.00	0.04	95.17	0	01:40	0.04
J623	JUNCTION	0.00	0.07	95.10	0	01:40	0.07
J63	JUNCTION	0.02	0.07	97.44	0	01:42	0.07
J633	JUNCTION	0.06	0.15	93.78	0	02:25	0.15
J644	JUNCTION	0.00	0.04	95.02	0	01:42	0.04
J646	JUNCTION	0.00	0.05	95.04	0	01:43	0.05
J650	JUNCTION	0.01	0.15	95.02	0	02:18	0.15
J658	JUNCTION	0.00	0.07	95.09	0	01:43	0.07
J66	JUNCTION	0.00	0.03	99.00	0	01:38	0.03
J660	JUNCTION	0.00	0.05	95.04	0	01:44	0.05
J664	JUNCTION	0.00	0.05	95.04	0	01:44	0.05
J668	JUNCTION	0.00	0.08	94.04	0	01:58	0.08
J673	JUNCTION	0.23	0.31	93.78	0	02:26	0.31
J676	JUNCTION	0.01	0.09	94.87	0	02:22	0.09
J68	JUNCTION	0.00	0.07	97.73	0	01:39	0.07
J684	JUNCTION	0.00	0.05	95.01	0	01:43	0.05
J686	JUNCTION	0.01	0.10	94.96	0	01:40	0.10
J693	JUNCTION	0.01	0.12	94.99	0	02:20	0.12
J70	JUNCTION	0.01	0.11	95.57	0	02:54	0.11
J703	JUNCTION	0.00	0.03	94.97	0	02:02	0.03
J710	JUNCTION	0.00	0.03	94.42	0	01:44	0.03
J712	JUNCTION	0.01	0.12	94.96	0	02:20	0.12
J718	JUNCTION	0.00	0.04	94.97	0	01:42	0.04
J72	JUNCTION	0.00	0.07	98.19	0	01:53	0.07
J728	JUNCTION	0.00	0.07	94.94	0	01:40	0.07
J744	JUNCTION	0.00	0.09	94.58	0	01:50	0.09
J746	JUNCTION	0.00	0.08	94.68	0	01:46	0.08
J748	JUNCTION	0.00	0.11	94.65	0	01:48	0.11
J75	JUNCTION	0.00	0.04	97.68	0	01:41	0.04
J757	JUNCTION	0.00	0.09	94.83	0	01:41	0.09
J76	JUNCTION	0.11	0.21	95.61	0	04:38	0.21
J761	JUNCTION	0.00	0.09	94.92	0	01:42	0.09
J77	JUNCTION	0.00	0.05	97.45	0	01:40	0.05
J777	JUNCTION	0.02	0.17	94.77	0	02:50	0.17
J779	JUNCTION	0.00	0.04	94.96	0	01:43	0.04
J797	JUNCTION	0.00	0.09	94.80	0	01:43	0.09
J803	JUNCTION	0.00	0.11	94.38	0	01:40	0.11
J81	JUNCTION	0.11	0.22	95.69	0	04:34	0.22
J82	JUNCTION	0.00	0.02	100.51	0	01:44	0.02
J834	JUNCTION	0.01	0.10	94.91	0	01:57	0.10
J84	JUNCTION	0.00	0.02	98.36	0	01:36	0.02
J86	JUNCTION	0.00	0.09	96.92	0	02:29	0.09
J87	JUNCTION	0.01	0.11	94.96	0	02:47	0.11
J88	JUNCTION	0.00	0.07	96.82	0	02:33	0.07
J9	JUNCTION	0.04	0.13	98.33	0	01:41	0.13
J9_1	JUNCTION	0.00	0.03	96.34	0	01:41	0.03

J90	JUNCTION	0.00	0.03	97.26	0	02:04	0.03
J92	JUNCTION	0.00	0.02	101.19	0	01:38	0.02
J923	JUNCTION	0.00	0.09	94.21	0	01:41	0.09
J925	JUNCTION	0.00	0.05	94.52	0	02:08	0.05
J929	JUNCTION	0.00	0.10	94.53	0	01:44	0.10
J95	JUNCTION	0.00	0.03	97.26	0	01:38	0.03
J954	JUNCTION	0.00	0.00	94.70	0	00:00	0.00
J964	JUNCTION	0.00	0.06	94.54	0	01:45	0.06
Mesure_point	JUNCTION	0.02	0.14	95.08	0	02:36	0.14
NOF1_1	JUNCTION	0.03	0.25	92.44	0	01:41	0.25
PDJ01	JUNCTION	0.00	0.20	96.25	0	01:40	0.20
PDJ02	JUNCTION	0.01	0.23	96.24	0	01:40	0.23
PDJ03	JUNCTION	0.00	0.23	96.23	0	01:40	0.23
PDJ04	JUNCTION	0.00	0.26	96.22	0	01:40	0.26
PDJ05	JUNCTION	0.01	0.34	96.19	0	01:41	0.34
PDJ06	JUNCTION	0.01	0.38	96.18	0	01:41	0.38
PDJ07	JUNCTION	0.01	0.39	96.21	0	01:41	0.39
PDJ08	JUNCTION	0.00	0.30	96.22	0	01:41	0.30
PDJ09	JUNCTION	0.01	0.27	96.25	0	01:41	0.27
PDJ10	JUNCTION	0.00	0.16	96.25	0	01:41	0.16
NOF1	OUTFALL	0.00	0.11	92.11	0	01:41	0.10
NOF2	OUTFALL	0.00	0.08	93.08	0	01:44	0.08
Outfall_A	OUTFALL	0.02	0.18	92.82	0	02:11	0.18
Outfall_B	OUTFALL	0.02	0.12	92.91	0	02:40	0.12
POND	STORAGE	1.03	1.33	95.73	0	03:18	1.33

Node Inflow Summary

Node	Type	Maximum Lateral Inflow CMS	Maximum Total Inflow CMS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent
15017	JUNCTION	0.003	0.003	0 01:40	0.00344	0.00474	13.578
15023	JUNCTION	0.000	0.001	0 01:42	0	0.00359	2.472
15115	JUNCTION	0.000	0.010	0 01:47	0	0.0167	2.547
15169	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
15183	JUNCTION	0.001	0.002	0 01:40	0.00153	0.00211	61.741
15526	JUNCTION	0.000	0.000	0 02:00	0	0.00351	-0.084
15536	JUNCTION	0.000	0.000	0 02:02	0	0.00351	1.790
16468	JUNCTION	0.000	0.006	0 01:40	0	0.00958	-0.354
16472	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16496	JUNCTION	0.008	0.008	0 01:40	0.00959	0.0102	-0.269
16553	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16555	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16576	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16611	JUNCTION	0.005	0.005	0 01:40	0.00676	0.00676	-0.052
16639	JUNCTION	0.000	0.005	0 01:37	0	0.00677	-4.153
16641	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16677	JUNCTION	0.002	0.039	0 01:41	0.00306	0.356	-0.025
16797	JUNCTION	0.000	0.011	0 02:04	0	0.0306	1.649
16799	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16815	JUNCTION	0.000	0.011	0 02:03	0	0.0307	0.091
16874	JUNCTION	0.000	0.011	0 02:03	0	0.0306	-0.095
16876	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16902	JUNCTION	0.000	0.012	0 01:58	0	0.0309	0.826
17000	JUNCTION	0.004	0.011	0 01:49	0.00555	0.031	0.350
17050	JUNCTION	0.000	0.017	0 01:41	0	0.0254	-0.253
17077	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17111	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17114	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17125	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17181	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17189	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17196	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17316	JUNCTION	0.009	0.009	0 01:40	0.0108	0.0143	-0.359
30259	JUNCTION	0.000	0.065	0 01:41	0	0.282	0.025
30475	JUNCTION	0.037	0.072	0 01:40	0.0458	0.191	3.157
30654	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
30690	JUNCTION	0.023	0.023	0 01:40	0.0283	0.0283	-0.160
30703	JUNCTION	0.000	0.021	0 01:40	0	0.0284	-0.227
30723	JUNCTION	0.000	0.018	0 01:43	0	0.0284	0.416
30741	JUNCTION	0.006	0.016	0 01:46	0.00785	0.0362	-0.354
30776	JUNCTION	0.019	0.109	0 02:05	0.0235	1.9	0.179
30790	JUNCTION	0.000	0.039	0 01:44	0	0.12	-0.127
30821	JUNCTION	0.017	0.042	0 01:41	0.0215	0.12	-0.044
30846	JUNCTION	0.010	0.010	0 01:40	0.0121	0.0121	-0.471
30874	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
30901	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
30961	JUNCTION	0.048	0.048	0 01:40	0.0598	0.0598	1.112
31055	JUNCTION	0.034	0.058	0 01:40	0.0423	0.297	-0.187
31056	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
31282	JUNCTION	0.033	0.041	0 01:35	0.0414	0.125	5.810
31294	JUNCTION	0.033	0.063	0 01:39	0.041	0.205	2.121
31330	JUNCTION	0.000	0.016	0 01:46	0	0.0495	1.925
31346	JUNCTION	0.004	0.030	0 01:40	0.00538	0.0912	-0.719
31478	JUNCTION	0.002	0.015	0 01:42	0.0025	0.0303	1.789
31499	JUNCTION	0.021	0.021	0 01:40	0.0262	0.0265	-2.707
31616	JUNCTION	0.001	0.065	0 01:40	0.00158	0.0871	0.524
31659	JUNCTION	0.011	0.067	0 02:30	0.014	0.943	0.024
31679	JUNCTION	0.000	0.062	0 02:30	0	0.847	0.032
31692	JUNCTION	0.000	0.062	0 02:30	0	0.847	0.051
31717	JUNCTION	0.000	0.063	0 02:27	0	0.849	0.140
31727	JUNCTION	0.000	0.007	0 01:45	0	0.0215	47.917
31735	JUNCTION	0.005	0.011	0 01:40	0.00668	0.021	0.875
33074	JUNCTION	0.000	0.004	0 01:50	0	0.0145	7.268
33088	JUNCTION	0.000	0.002	0 02:12	0	0.0129	0.404
33102	JUNCTION	0.000	0.003	0 02:26	0	0.0128	-1.501
33116	JUNCTION	0.000	0.003	0 02:33	0	0.013	2.367

33130	JUNCTION	0.000	0.002	0	02:48	0	0.0127	0.086
33147	JUNCTION	0.000	0.063	0	02:25	0	0.848	-0.001
33161	JUNCTION	0.000	0.063	0	02:26	0	0.848	-0.023
35248	JUNCTION	0.000	0.006	0	01:43	0	0.00969	0.743
35262	JUNCTION	0.000	0.006	0	01:40	0	0.00962	-0.763
ARDJ01	JUNCTION	0.000	0.001	0	01:34	0	0.000291	1.372
ARDJ02	JUNCTION	0.011	0.011	0	01:40	0.0138	0.0141	-0.071
ARDJ03	JUNCTION	0.009	0.020	0	01:40	0.0113	0.0251	0.075
ARDJ04	JUNCTION	0.029	0.047	0	01:40	0.038	0.0631	-0.038
ARDJ05	JUNCTION	0.000	0.046	0	01:40	0	0.0631	-0.129
ARDJ06	JUNCTION	0.024	0.065	0	01:40	0.032	0.0952	0.118
ARDJ07	JUNCTION	0.030	0.078	0	01:40	0.0397	0.135	-0.011
ARDJ08	JUNCTION	0.000	0.072	0	01:42	0	0.135	-0.130
ARDJ09	JUNCTION	0.029	0.080	0	01:42	0.0378	0.173	0.040
ARDJ10	JUNCTION	0.023	0.075	0	01:43	0.0306	0.203	-0.027
ARDJ11	JUNCTION	0.019	0.075	0	01:49	0.025	0.228	0.114
ARDJ12	JUNCTION	0.023	0.076	0	01:51	0.0281	0.256	-0.042
ARDJ13	JUNCTION	0.000	0.075	0	01:53	0	0.256	0.012
ARDJ14	JUNCTION	0.010	0.081	0	01:42	0.012	0.302	-0.022
DDJ01	JUNCTION	0.000	0.029	0	01:42	0	0.0523	0.064
DDJ02	JUNCTION	0.000	0.029	0	01:42	0	0.0523	-0.080
DDJ03	JUNCTION	0.000	0.028	0	01:44	0	0.0523	-0.003
DDJ04	JUNCTION	0.005	0.028	0	01:46	0.00642	0.0587	-0.051
DDJ05	JUNCTION	0.008	0.025	0	01:51	0.0101	0.0689	-0.023
DDJ06	JUNCTION	0.011	0.021	0	01:58	0.0138	0.0827	-1.972
J1	JUNCTION	0.000	0.018	0	01:37	0	0.00434	3.705
J100	JUNCTION	0.006	0.025	0	01:40	0.00696	0.0368	-0.021
J1010	JUNCTION	0.024	0.088	0	01:50	0.0294	1.51	-0.014
J102	JUNCTION	0.007	0.017	0	01:39	0.00827	0.0206	-0.187
J1036	JUNCTION	0.015	0.037	0	01:47	0.0181	0.169	2.858
J109	JUNCTION	0.008	0.030	0	01:41	0.0098	0.0466	-0.328
J11	JUNCTION	0.000	0.039	0	01:45	0	0.378	0.248
J112	JUNCTION	0.019	0.019	0	01:40	0.024	0.024	-0.540
J114	JUNCTION	0.003	0.011	0	01:42	0.00405	0.0247	0.131
J1142	JUNCTION	0.044	0.044	0	01:40	0.0547	0.0547	-2.518
J116	JUNCTION	0.017	0.017	0	01:40	0.0215	0.0215	-0.074
J12_1	JUNCTION	0.000	0.000	0	01:42	0	3.03e-06	2.965 ltr
J1209	JUNCTION	0.013	0.056	0	01:40	0.0165	0.603	-0.048
J1210	JUNCTION	0.003	0.013	0	01:40	0.00376	0.0186	-2.456
J1213	JUNCTION	0.005	0.023	0	01:40	0.0057	0.0401	3.372
J1216	JUNCTION	0.008	0.025	0	03:25	0.0105	0.336	0.032
J1219	JUNCTION	0.005	0.036	0	01:40	0.00613	0.316	-0.035
J1222	JUNCTION	0.013	0.019	0	01:40	0.0159	0.076	0.163
J1225	JUNCTION	0.005	0.016	0	01:35	0.00589	0.0547	-0.031
J1227	JUNCTION	0.003	0.030	0	01:42	0.00415	0.0642	0.228
J1229	JUNCTION	0.003	0.013	0	02:25	0.00349	0.0987	0.126
J1231	JUNCTION	0.011	0.035	0	01:40	0.0139	0.176	0.154
J1232	JUNCTION	0.009	0.028	0	01:40	0.0111	0.0375	0.519
J1233	JUNCTION	0.031	0.145	0	02:31	0.0387	1.73	0.416
J124	JUNCTION	0.002	0.002	0	01:40	0.00299	0.00299	-0.052
J1240	JUNCTION	0.010	0.036	0	02:21	0.0128	0.293	-0.188
J1241	JUNCTION	0.011	0.026	0	04:40	0.0136	0.498	-0.015
J1249	JUNCTION	0.043	0.055	0	01:40	0.054	0.57	-0.073
J1254	JUNCTION	0.004	0.025	0	03:13	0.00531	0.315	0.031
J1258	JUNCTION	0.015	0.015	0	01:40	0.0186	0.0186	-0.743
J1259	JUNCTION	0.006	0.009	0	01:40	0.00726	0.0289	-0.231
J126	JUNCTION	0.013	0.027	0	01:40	0.0163	0.192	-0.183
J1260	JUNCTION	0.035	0.035	0	01:40	0.0432	0.0432	-0.610
J1268	JUNCTION	0.006	0.041	0	01:42	0.00777	0.248	0.097
J1270	JUNCTION	0.001	0.026	0	04:43	0.00127	0.516	0.068
J1272	JUNCTION	0.012	0.052	0	01:39	0.015	0.0797	0.147
J1273	JUNCTION	0.004	0.026	0	01:46	0.00493	0.197	0.011
J1276	JUNCTION	0.048	0.048	0	01:40	0.0599	0.0599	-0.709
J1277	JUNCTION	0.000	0.028	0	02:00	0	0.118	0.049
J1278	JUNCTION	0.030	0.100	0	01:41	0.0378	1.48	0.008
J1279	JUNCTION	0.004	0.016	0	01:52	0.0046	0.0717	0.099
J1280	JUNCTION	0.006	0.028	0	01:54	0.00719	0.0937	-0.026
J1294	JUNCTION	0.006	0.024	0	02:51	0.00785	0.27	0.035
J1299	JUNCTION	0.004	0.037	0	01:41	0.0051	0.0547	-0.920
J13	JUNCTION	0.013	0.013	0	01:40	0.0163	0.0163	-0.170
J1300	JUNCTION	0.003	0.019	0	01:42	0.00343	0.0517	24.147
J1301	JUNCTION	0.014	0.027	0	04:10	0.017	0.478	0.066
J1306	JUNCTION	0.000	0.031	0	01:49	0	0.0714	0.254
J1308	JUNCTION	0.033	0.033	0	01:40	0.0408	0.0917	-0.813
J1314	JUNCTION	0.000	0.036	0	01:40	0	0.088	-0.267
J1318	JUNCTION	0.017	0.053	0	01:42	0.0207	0.202	0.210
J1322	JUNCTION	0.026	0.026	0	01:40	0.0326	0.0326	-0.852
J1324	JUNCTION	0.007	0.028	0	01:51	0.00912	0.141	0.210
J1325	JUNCTION	0.004	0.052	0	01:40	0.00461	0.065	0.461
J1329	JUNCTION	0.009	0.068	0	02:42	0.011	1.3	0.096
J1330	JUNCTION	0.002	0.022	0	02:06	0.00305	0.167	-0.084
J1331	JUNCTION	0.005	0.026	0	01:56	0.0059	0.107	0.206
J1332	JUNCTION	0.000	0.027	0	03:53	0	0.431	0.131
J1334	JUNCTION	0.012	0.012	0	01:40	0.0156	0.0204	-0.507
J1335	JUNCTION	0.029	0.046	0	01:40	0.0363	0.0923	2.120
J1338	JUNCTION	0.022	0.032	0	02:09	0.0274	0.244	0.004
J1344	JUNCTION	0.005	0.030	0	02:03	0.00609	0.26	0.649
J1348	JUNCTION	0.106	0.116	0	01:40	0.135	1.44	-0.115
J135	JUNCTION	0.004	0.004	0	01:40	0.00516	0.00516	-0.911
J1352	JUNCTION	0.039	0.098	0	02:01	0.0491	1.72	0.068
J1355	JUNCTION	0.000	0.050	0	02:07	0	0.74	0.109
J138	JUNCTION	0.016	0.023	0	01:40	0.0201	0.045	0.060
J140	JUNCTION	0.013	0.019	0	01:40	0.0159	0.0609	-0.126
J142	JUNCTION	0.000	0.029	0	02:33	0	0.289	0.048
J15	JUNCTION	0.016	0.016	0	01:40	0.0205	0.0205	-4.402
J153	JUNCTION	0.000	0.018	0	01:40	0	0.0201	-0.337
J159	JUNCTION	0.016	0.016	0	01:40	0.0198	0.0198	-0.125
J161	JUNCTION	0.005	0.005	0	01:40	0.00612	0.00612	-0.212
J165	JUNCTION	0.032	0.032	0	01:40	0.04	0.04	-0.460
J167	JUNCTION	0.010	0.011	0	01:40	0.0122	0.0152	-0.171
J169	JUNCTION	0.000	0.025	0	02:59	0	0.29	0.074
J17	JUNCTION	0.011	0.046	0	01:40	0.0137	0.0634	8.853
J172	JUNCTION	0.009	0.009	0	01:40	0.0112	0.0112	-0.528

J18	JUNCTION	0.000	0.025	0	01:39	0	0.88	-0.075
J19	JUNCTION	0.043	0.043	0	01:35	0.0533	0.0533	-3.055
J199	JUNCTION	0.000	0.004	0	01:42	0	0.00613	0.148
J2	JUNCTION	0.000	0.051	0	02:12	0	0.774	-0.087
J20	JUNCTION	0.024	0.036	0	01:38	0.0303	0.0467	0.539
J205	JUNCTION	0.017	0.025	0	02:38	0.0215	0.266	3.311
J209	JUNCTION	0.003	0.025	0	03:36	0.0035	0.34	0.038
J217	JUNCTION	0.008	0.014	0	01:40	0.00949	0.0199	-0.148
J219	JUNCTION	0.003	0.013	0	02:15	0.0038	0.0754	-0.001
J221	JUNCTION	0.011	0.040	0	01:44	0.0145	0.425	1.415
J225	JUNCTION	0.009	0.009	0	01:40	0.011	0.0111	7.125
J229	JUNCTION	0.006	0.006	0	01:40	0.00691	0.00691	-0.423
J23	JUNCTION	0.002	0.036	0	01:42	0.0025	0.0619	38.142
J241	JUNCTION	0.000	0.006	0	01:40	0	0.00694	-1.836
J254	JUNCTION	0.006	0.006	0	01:40	0.00726	0.00726	-0.815
J273	JUNCTION	0.015	0.015	0	01:40	0.0189	0.0189	-0.895
J275	JUNCTION	0.005	0.018	0	01:42	0.00591	0.0461	0.335
J28	JUNCTION	0.005	0.017	0	01:48	0.00613	0.0509	4.662
J283	JUNCTION	0.000	0.025	0	03:46	0	0.343	0.000
J294	JUNCTION	0.003	0.025	0	03:43	0.00393	0.343	0.002
J299	JUNCTION	0.011	0.011	0	01:40	0.0141	0.0141	-0.566
J3	JUNCTION	0.000	0.064	0	02:22	0	0.881	3.863
J30	JUNCTION	0.016	0.016	0	01:40	0.0201	0.0201	-0.394
J304	JUNCTION	0.021	0.021	0	01:40	0.0259	0.0259	-0.382
J319	JUNCTION	0.010	0.012	0	01:40	0.0119	0.0878	-0.165
J32	JUNCTION	0.000	0.007	0	01:47	0	0.0444	6.203
J329	JUNCTION	0.003	0.003	0	01:40	0.00401	0.00401	-0.126
J35	JUNCTION	0.006	0.016	0	01:53	0.00703	0.055	28.344
J355	JUNCTION	0.006	0.007	0	01:40	0.00784	0.0306	-0.428
J36	JUNCTION	0.005	0.038	0	01:42	0.00679	0.0985	0.127
J360	JUNCTION	0.009	0.009	0	01:40	0.0108	0.0108	-0.178
J362	JUNCTION	0.004	0.017	0	01:48	0.00468	0.0474	0.089
J37	JUNCTION	0.025	0.025	0	01:40	0.0306	0.0306	-1.149
J372	JUNCTION	0.004	0.017	0	01:43	0.00543	0.0427	0.041
J384	JUNCTION	0.004	0.013	0	01:40	0.00534	0.0206	-0.101
J39	JUNCTION	0.006	0.016	0	01:40	0.00786	0.0206	-0.223
J392	JUNCTION	0.011	0.011	0	01:40	0.0135	0.0135	-1.318
J394	JUNCTION	0.004	0.007	0	01:40	0.00489	0.00891	-0.139
J396	JUNCTION	0.005	0.012	0	01:40	0.00636	0.0153	-0.061
J398	JUNCTION	0.009	0.027	0	04:10	0.0112	0.442	0.007
J41	JUNCTION	0.010	0.010	0	01:40	0.0126	0.0126	-0.457
J419	JUNCTION	0.012	0.020	0	01:40	0.0146	0.0619	-0.093
J43	JUNCTION	0.008	0.008	0	01:34	0.0099	0.0103	39.455
J433	JUNCTION	0.017	0.017	0	01:40	0.0216	0.0216	-1.455
J443	JUNCTION	0.041	0.041	0	01:40	0.0516	0.0516	-1.100
J447	JUNCTION	0.005	0.014	0	01:40	0.00658	0.0174	-0.029
J449	JUNCTION	0.000	0.016	0	01:46	0	0.0418	-0.227
J451	JUNCTION	0.004	0.024	0	01:40	0.00488	0.0309	-0.044
J453	JUNCTION	0.003	0.016	0	01:46	0.00311	0.0419	-0.028
J455	JUNCTION	0.000	0.017	0	01:41	0	0.0219	1.168
J458	JUNCTION	0.007	0.037	0	01:40	0.00906	0.0525	0.440
J46	JUNCTION	0.014	0.014	0	01:40	0.0176	0.0339	-0.037
J462	JUNCTION	0.012	0.024	0	02:03	0.0149	0.122	-0.175
J467	JUNCTION	0.011	0.021	0	01:40	0.0134	0.026	-0.172
J47	JUNCTION	0.000	0.004	0	01:57	0	0.0163	0.012
J472	JUNCTION	0.010	0.010	0	01:40	0.0125	0.0125	0.043
J475	JUNCTION	0.001	0.024	0	01:40	0.00137	0.0323	0.178
J479	JUNCTION	0.004	0.036	0	01:43	0.00483	0.0614	18.215
J48	JUNCTION	0.004	0.021	0	01:38	0.00512	0.0253	-0.413
J491	JUNCTION	0.006	0.077	0	02:14	0.00711	0.7	0.227
J50	JUNCTION	0.007	0.034	0	01:46	0.00822	0.102	-0.123
J51	JUNCTION	0.000	0.035	0	02:44	0	0.377	-0.031
J52	JUNCTION	0.004	0.016	0	01:41	0.00492	0.0296	1.741
J523	JUNCTION	0.004	0.078	0	02:22	0.00725	0.706	-0.052
J525	JUNCTION	0.010	0.070	0	01:40	0.0124	0.153	0.491
J54	JUNCTION	0.005	0.005	0	01:40	0.00617	0.00618	1.653
J55	JUNCTION	0.000	0.081	0	01:42	0	0.722	-0.252
J56	JUNCTION	0.004	0.014	0	01:42	0.00515	0.0258	-0.985
J562	JUNCTION	0.013	0.040	0	01:48	0.0166	0.62	0.168
J57	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
J576	JUNCTION	0.013	0.013	0	01:40	0.0166	0.0167	-0.174
J58	JUNCTION	0.005	0.005	0	01:40	0.00669	0.00669	-1.138
J580	JUNCTION	0.008	0.008	0	01:40	0.0102	0.0102	-5.212
J584	JUNCTION	0.010	0.033	0	02:01	0.0125	0.214	-0.067
J59	JUNCTION	0.019	0.019	0	01:40	0.0243	0.0243	-1.616
J596	JUNCTION	0.020	0.020	0	01:40	0.0253	0.0253	-2.224
J598	JUNCTION	0.028	0.052	0	02:10	0.0349	0.774	-0.014
J602	JUNCTION	0.002	0.002	0	01:35	0.00189	0.00189	-0.715
J61	JUNCTION	0.007	0.024	0	01:38	0.0092	0.0298	0.021
J611	JUNCTION	0.012	0.012	0	01:40	0.0156	0.0156	-1.251
J623	JUNCTION	0.008	0.008	0	01:40	0.0105	0.0105	-0.497
J63	JUNCTION	0.000	0.007	0	01:38	0	0.00906	3.967
J633	JUNCTION	0.007	0.051	0	02:14	0.00848	0.784	0.616
J644	JUNCTION	0.003	0.003	0	01:40	0.004	0.004	-1.744
J646	JUNCTION	0.012	0.017	0	01:40	0.0147	0.0307	-0.119
J650	JUNCTION	0.011	0.035	0	02:08	0.0132	0.261	0.426
J658	JUNCTION	0.004	0.012	0	01:40	0.00556	0.0161	0.473
J66	JUNCTION	0.017	0.017	0	01:40	0.0206	0.0206	-0.106
J660	JUNCTION	0.004	0.006	0	01:40	0.00497	0.0145	0.181
J664	JUNCTION	0.006	0.007	0	01:40	0.00782	0.00976	2.613
J668	JUNCTION	0.006	0.037	0	01:50	0.00754	0.119	-1.301
J673	JUNCTION	0.007	0.068	0	02:15	0.00896	0.908	4.542
J676	JUNCTION	0.000	0.035	0	02:21	0	0.281	0.024
J68	JUNCTION	0.017	0.017	0	01:40	0.0212	0.0212	-1.393
J684	JUNCTION	0.006	0.008	0	01:40	0.00692	0.0213	-0.813
J686	JUNCTION	0.014	0.014	0	01:40	0.0179	0.0179	0.255
J693	JUNCTION	0.004	0.034	0	02:17	0.00555	0.265	0.006
J70	JUNCTION	0.004	0.035	0	02:46	0.00447	0.382	0.351
J703	JUNCTION	0.000	0.003	0	01:43	0	0.00515	2.299
J710	JUNCTION	0.003	0.014	0	01:42	0.00385	0.0346	-0.029
J712	JUNCTION	0.012	0.035	0	02:19	0.0156	0.281	-0.027
J718	JUNCTION	0.007	0.007	0	01:40	0.00825	0.0133	-0.204
J72	JUNCTION	0.000	0.027	0	01:49	0	0.0641	-0.080

J728	JUNCTION	0.007	0.021	0	01:40	0.00883	0.0267	-0.094
J744	JUNCTION	0.017	0.032	0	01:40	0.0215	0.0761	-0.525
J746	JUNCTION	0.003	0.024	0	01:43	0.00433	0.0411	0.179
J748	JUNCTION	0.011	0.024	0	01:46	0.0135	0.0545	-0.141
J75	JUNCTION	0.012	0.016	0	01:40	0.0147	0.0674	-0.107
J757	JUNCTION	0.008	0.027	0	01:40	0.01	0.0367	0.044
J76	JUNCTION	0.002	0.026	0	04:34	0.0024	0.485	0.028
J761	JUNCTION	0.014	0.019	0	01:40	0.0179	0.0372	-0.383
J77	JUNCTION	0.007	0.007	0	01:40	0.00899	0.00899	-0.357
J777	JUNCTION	0.009	0.037	0	02:47	0.0113	0.998	0.012
J779	JUNCTION	0.006	0.008	0	01:40	0.00705	0.0193	-0.090
J797	JUNCTION	0.000	0.024	0	01:41	0	0.0367	-0.090
J803	JUNCTION	0.065	0.065	0	01:40	0.0808	0.0808	-0.934
J81	JUNCTION	0.004	0.026	0	04:31	0.00522	0.483	0.049
J82	JUNCTION	0.011	0.021	0	01:40	0.0142	0.0249	-0.086
J834	JUNCTION	0.011	0.025	0	01:40	0.0146	0.0523	2.747
J84	JUNCTION	0.010	0.010	0	01:40	0.0123	0.0123	-0.100
J86	JUNCTION	0.002	0.010	0	02:04	0.00251	0.0551	-0.172
J87	JUNCTION	0.003	0.037	0	02:37	0.00364	0.987	0.033
J88	JUNCTION	0.025	0.029	0	02:30	0.0312	0.29	-0.176
J9	JUNCTION	0.003	0.038	0	01:37	0.00383	0.0502	1.036
J9_1	JUNCTION	0.000	0.001	0	01:36	0	0.000619	5.675
J90	JUNCTION	0.011	0.011	0	01:40	0.0142	0.0558	-0.158
J92	JUNCTION	0.009	0.009	0	01:35	0.0107	0.0107	-0.137
J923	JUNCTION	0.039	0.039	0	01:35	0.0488	0.0488	-2.841
J925	JUNCTION	0.004	0.011	0	01:40	0.00477	0.0229	0.759
J929	JUNCTION	0.045	0.064	0	01:40	0.0564	0.148	-1.283
J95	JUNCTION	0.016	0.016	0	01:40	0.02	0.02	-0.236
J954	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
J964	JUNCTION	0.002	0.006	0	01:40	0.00247	0.00479	1.394
Mesure_point	JUNCTION	0.000	0.042	0	02:00	0	0.965	0.244
NOF1_1	JUNCTION	0.076	0.084	0	01:40	0.0944	0.28	-0.914
PDJ01	JUNCTION	0.060	0.060	0	01:40	0.0926	0.0926	-0.022
PDJ02	JUNCTION	0.000	0.059	0	01:40	0	0.0926	0.023
PDJ03	JUNCTION	0.000	0.058	0	01:40	0	0.0926	-0.015
PDJ04	JUNCTION	0.084	0.139	0	01:40	0.131	0.223	-0.045
PDJ05	JUNCTION	0.077	0.206	0	01:40	0.118	0.342	0.019
PDJ06	JUNCTION	0.082	0.422	0	01:41	0.126	0.77	-0.010
PDJ07	JUNCTION	0.072	0.162	0	01:40	0.118	0.302	0.040
PDJ08	JUNCTION	0.000	0.101	0	01:40	0	0.184	-0.005
PDJ09	JUNCTION	0.087	0.106	0	01:40	0.142	0.184	-0.001
PDJ10	JUNCTION	0.026	0.026	0	01:40	0.0422	0.0422	0.002
NOF1	OUTFALL	0.000	0.070	0	01:41	0	0.282	0.000
NOF2	OUTFALL	0.000	0.040	0	01:44	0	0.297	0.000
Outfall_A	OUTFALL	0.000	0.106	0	02:11	0	1.9	0.000
Outfall_B	OUTFALL	0.000	0.137	0	02:40	0	1.72	0.000
POND	STORAGE	0.089	0.492	0	01:40	0.113	2.34	0.001

Node Surcharge Summary

Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Meters	Min. Depth Below Rim Meters
16472	JUNCTION	96.00	0.000	0.000
16555	JUNCTION	96.00	0.000	0.000
16641	JUNCTION	96.00	0.000	0.000
16799	JUNCTION	96.00	0.000	0.000
16876	JUNCTION	96.00	0.000	0.000
17114	JUNCTION	96.00	0.000	0.000
17196	JUNCTION	96.00	0.000	0.000
31056	JUNCTION	96.00	0.000	0.000

Node Flooding Summary

No nodes were flooded.

Storage Volume Summary

Storage Unit	Average Volume 1000 m ³	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m ³	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CMS
POND	1.506	30.1	0.0	0.0	2.084	41.7	0 03:18	0.025

Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 10 ⁶ ltr
NOF1	34.39	0.004	0.070	0.282
NOF2	59.02	0.002	0.040	0.297
Outfall_A	53.01	0.012	0.106	1.897
Outfall_B	98.57	0.006	0.137	1.722
System	61.25	0.024	0.262	4.199

Link Flow Summary

Link	Type	Maximum Flow CMS	Time of Max Occurrence days hr:min	Maximum Veloc m/sec	Max/ Full Flow	Max/ Full Depth
AR_culvert450	CONDUIT	0.014	0 01:40	0.52	0.05	0.25
ARDC01	CONDUIT	0.001	0 01:34	0.04	0.00	0.08
ARDC02_Culvert450	CONDUIT	0.011	0 01:40	0.56	0.07	0.19
ARDC03	CONDUIT	0.019	0 01:40	0.15	0.02	0.16
ARDC04_Culvert450	CONDUIT	0.046	0 01:40	1.07	0.23	0.33
ARDC05	CONDUIT	0.044	0 01:41	0.25	0.04	0.21
ARDC06	CONDUIT	0.055	0 01:42	0.26	0.04	0.21
ARDC07_Culvert450	CONDUIT	0.072	0 01:42	1.23	0.44	0.41
ARDC08	CONDUIT	0.067	0 01:44	0.32	0.04	0.21
ARDC09	CONDUIT	0.069	0 01:46	0.31	0.04	0.21
ARDC10	CONDUIT	0.072	0 01:49	0.31	0.04	0.21
ARDC11	CONDUIT	0.073	0 01:52	0.34	0.03	0.18
ARDC12	CONDUIT	0.075	0 01:53	0.49	0.01	0.12
ARDC13	CONDUIT	0.075	0 01:54	0.45	0.01	0.09
ARDC14_Culvert600	CONDUIT	0.081	0 01:42	1.89	0.14	0.27
C1_1	CHANNEL	0.019	0 02:08	0.19	0.00	0.13
C1_2	CHANNEL	0.065	0 01:41	0.44	0.00	0.14
C10	CHANNEL	0.005	0 01:40	0.11	0.00	0.09
C103	CONDUIT	0.014	0 01:40	0.14	0.01	0.08
C105	CONDUIT	0.002	0 01:41	0.04	0.00	0.01
C113	CONDUIT	0.001	0 01:43	0.02	0.00	0.03
C115	CONDUIT	0.420	0 01:41	0.87	0.09	0.24
C116	CONDUIT	0.005	0 01:40	0.11	0.00	0.05
C12_1	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C124	CONDUIT	0.017	0 01:40	0.16	0.00	0.03
C128	CONDUIT	0.034	0 01:47	0.25	0.01	0.10
C132	CONDUIT	0.008	0 01:47	0.10	0.01	0.06
C134	CONDUIT	0.019	0 01:40	0.17	0.00	0.08
C137	CONDUIT	0.011	0 02:03	0.95	0.03	0.12
C138	CONDUIT	0.016	0 01:44	0.13	0.00	0.03
C142	CHANNEL	0.137	0 02:40	0.35	0.07	0.12
C144	CONDUIT	0.066	0 02:32	0.50	0.08	0.16
C145	CONDUIT	0.012	0 01:44	0.21	0.00	0.05
C147	CONDUIT	0.106	0 02:11	1.02	0.11	0.22
C153	CONDUIT	0.018	0 01:41	0.16	0.01	0.09
C155	CONDUIT	0.008	0 01:40	0.21	0.00	0.04
C156	CONDUIT	0.014	0 01:35	0.28	0.00	0.06
C16	CONDUIT	0.010	0 01:40	0.08	0.01	0.10
C163	CONDUIT	0.000	0 02:02	0.26	0.00	0.04
C165	CONDUIT	0.017	0 01:43	0.16	0.00	0.03
C167	CONDUIT	0.003	0 01:47	0.06	0.00	0.02
C172	CONDUIT	0.009	0 01:41	0.12	0.00	0.03
C176	CONDUIT	0.020	0 01:40	0.17	0.01	0.09
C180	CONDUIT	0.012	0 01:43	0.24	0.00	0.04
C186	CONDUIT	0.024	0 01:41	0.21	0.01	0.09
C189	CONDUIT	0.004	0 01:58	0.03	0.00	0.02
C190	CONDUIT	0.016	0 01:45	0.21	0.00	0.06
C196	CONDUIT	0.032	0 02:03	0.27	0.02	0.15
C199	CONDUIT	0.009	0 01:51	0.13	0.00	0.06
C2	CHANNEL	0.008	0 02:13	0.13	0.00	0.12
C200	CONDUIT	0.044	0 01:40	0.39	0.02	0.14
C202	CONDUIT	0.023	0 01:41	0.21	0.01	0.09
C207	CONDUIT	0.023	0 01:44	0.21	0.01	0.08
C213	CONDUIT	0.063	0 01:40	0.34	0.01	0.13
C213_1	CONDUIT	0.009	0 01:42	0.15	0.00	0.06
C213_3	CONDUIT	0.035	0 02:44	0.24	0.01	0.10
C213_4	CONDUIT	0.035	0 02:46	0.26	0.01	0.10
C214	CONDUIT	0.001	0 01:44	0.03	0.00	0.03
C218	CHANNEL	0.000	0 00:00	0.00	0.00	0.03
C22	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C221	CONDUIT	0.013	0 01:40	0.22	0.00	0.05
C223	CONDUIT	0.017	0 01:38	0.18	0.00	0.03
C225	CONDUIT	0.009	0 01:50	0.11	0.00	0.07
C226	CONDUIT	0.008	0 01:43	0.09	0.00	0.04
C23	CONDUIT	0.010	0 01:40	0.14	0.00	0.06
C230	CONDUIT	0.000	0 00:00	0.00	0.00	0.00
C231_1	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C231_2	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C233	CONDUIT	0.002	0 01:44	0.04	0.00	0.05
C234	CONDUIT	0.002	0 01:44	0.06	0.00	0.03
C239	CONDUIT	0.035	0 01:37	0.23	0.01	0.12
C24	CONDUIT	0.009	0 01:40	0.18	0.00	0.01
C241	CONDUIT	0.008	0 01:52	0.10	0.00	0.02
C245	CONDUIT	0.022	0 01:42	0.20	0.01	0.08
C248	CONDUIT	0.035	0 01:40	0.23	0.01	0.14
C25	CHANNEL	0.000	0 00:00	0.00	0.00	0.02
C251	CONDUIT	0.004	0 01:44	0.07	0.00	0.05
C256	CONDUIT	0.034	0 01:42	0.16	0.02	0.15
C259	CONDUIT	0.034	0 01:43	0.20	0.00	0.13
C262	CONDUIT	0.022	0 01:46	0.17	0.01	0.09
C263	CONDUIT	0.017	0 01:48	0.26	0.00	0.05
C266	CONDUIT	0.018	0 01:40	0.17	0.00	0.03
C267	CONDUIT	0.021	0 01:41	0.17	0.00	0.03
C268	CONDUIT	0.013	0 01:44	0.26	0.00	0.05
C27	CONDUIT	0.070	0 01:41	0.62	0.06	0.16
C27_1	CHANNEL	0.009	0 01:40	0.14	0.00	0.09
C27_2	CONDUIT	0.035	0 01:45	0.19	0.00	0.04
C271	CONDUIT	0.022	0 01:39	0.28	0.00	0.07
C272	CHANNEL	0.006	0 01:40	0.24	0.00	0.04
C275	CONDUIT	0.023	0 01:48	0.17	0.01	0.10
C276	CONDUIT	0.027	0 01:49	0.34	0.00	0.06
C277	CHANNEL	0.000	0 00:00	0.00	0.00	0.12

C279	CHANNEL	0.006	0	01:40	0.13	0.00	0.05
C282	CONDUIT	0.032	0	01:58	0.17	0.01	0.19
C283	CHANNEL	0.010	0	01:50	0.14	0.03	0.23
C284	CONDUIT	0.006	0	01:59	0.04	0.00	0.11
C285	CONDUIT	0.012	0	01:58	0.11	0.00	0.03
C287	CHANNEL	0.006	0	01:43	0.13	0.00	0.05
C287_1	CONDUIT	0.006	0	01:44	0.15	0.01	0.12
C287_2	CONDUIT	0.036	0	02:47	0.17	0.02	0.20
C288	CONDUIT	0.006	0	01:52	0.07	0.00	0.03
C289	CONDUIT	0.001	0	01:43	0.05	0.00	0.03
C29	CONDUIT	0.006	0	01:43	0.08	0.00	0.02
C291	CONDUIT	0.017	0	01:51	0.19	0.00	0.07
C292	CHANNEL	0.006	0	01:48	0.21	0.00	0.04
C294	CONDUIT	0.024	0	01:42	0.18	0.00	0.04
C296	CONDUIT	0.029	0	01:40	0.15	0.01	0.15
C297_1	CONDUIT	0.018	0	01:46	0.09	0.01	0.16
C299	CHANNEL	0.004	0	01:57	0.52	0.00	0.02
C3	CONDUIT	0.029	0	01:44	0.24	0.05	0.24
C30	CONDUIT	0.017	0	01:41	0.19	0.00	0.07
C300	CONDUIT	0.024	0	01:49	0.20	0.00	0.03
C305	CONDUIT	0.020	0	01:44	0.16	0.01	0.09
C308	CONDUIT	0.026	0	01:53	0.23	0.01	0.08
C309	CONDUIT	0.021	0	01:53	0.20	0.00	0.08
C31	CONDUIT	0.014	0	01:43	0.17	0.00	0.06
C310_1	CONDUIT	0.000	0	00:00	0.00	0.00	0.13
C310_2	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C311	CONDUIT	0.048	0	01:40	0.25	0.01	0.14
C313	CONDUIT	0.010	0	01:51	0.11	0.00	0.02
C314	CHANNEL	0.000	0	00:00	0.00	0.00	0.02
C319	CONDUIT	0.016	0	01:48	0.11	0.00	0.12
C32	CONDUIT	0.010	0	01:40	0.18	0.00	0.05
C320	CONDUIT	0.002	0	01:42	0.05	0.00	0.04
C322	CHANNEL	0.001	0	01:41	0.06	0.00	0.04
C324	CONDUIT	0.011	0	02:13	0.08	0.00	0.04
C326	CHANNEL	0.012	0	01:58	0.16	0.00	0.03
C327	CONDUIT	0.018	0	01:52	0.17	0.01	0.08
C329	CHANNEL	0.001	0	01:42	0.06	0.00	0.03
C33	CONDUIT	0.039	0	01:44	0.24	0.00	0.03
C331	CONDUIT	0.016	0	01:53	0.08	0.00	0.15
C333	CHANNEL	0.000	0	02:00	0.11	0.00	0.01
C334	CONDUIT	0.005	0	01:37	0.63	0.01	0.07
C335	CONDUIT	0.013	0	01:52	0.15	0.00	0.03
C34	CONDUIT	0.039	0	01:46	0.14	0.00	0.06
C340	CONDUIT	0.023	0	01:45	0.15	0.01	0.11
C341	CONDUIT	0.005	0	01:43	0.07	0.00	0.06
C346	CHANNEL	0.000	0	02:38	0.09	0.00	0.03
C35	CONDUIT	0.016	0	01:47	0.07	0.00	0.06
C350	CHANNEL	0.006	0	01:41	0.12	0.00	0.05
C352	CONDUIT	0.006	0	01:56	0.05	0.00	0.17
C353	CHANNEL	0.000	0	00:00	0.00	0.00	0.03
C355	CONDUIT	0.037	0	02:55	0.15	0.04	0.22
C356	CONDUIT	0.022	0	02:06	0.16	0.01	0.10
C359	CONDUIT	0.024	0	01:55	0.17	0.00	0.04
C36	CONDUIT	0.015	0	01:46	0.16	0.00	0.02
C361	CONDUIT	0.007	0	01:45	0.53	0.07	0.19
C363	CONDUIT	0.015	0	01:41	0.14	0.01	0.09
C365	CHANNEL	0.004	0	01:50	0.01	0.00	0.05
C367	CONDUIT	0.013	0	02:21	0.10	0.00	0.05
C371	CHANNEL	0.002	0	02:12	8.23	0.00	0.03
C372	CONDUIT	0.003	0	01:42	0.34	0.00	0.06
C374	CONDUIT	0.005	0	01:42	0.14	0.00	0.03
C375	CONDUIT	0.025	0	02:01	0.13	0.00	0.05
C376	CONDUIT	0.006	0	01:56	0.06	0.02	0.07
C377	CHANNEL	0.003	0	02:26	0.07	0.00	0.03
C378	CHANNEL	0.003	0	02:33	0.09	0.00	0.09
C379	CHANNEL	0.002	0	02:48	0.12	0.00	0.08
C38	CONDUIT	0.017	0	01:40	0.37	0.00	0.05
C381_1	CHANNEL	0.002	0	02:50	0.00	0.00	0.17
C381_2	CHANNEL	0.063	0	02:25	0.04	0.00	0.21
C384	CHANNEL	0.063	0	02:26	0.22	0.00	0.08
C385	CHANNEL	0.063	0	02:27	0.35	0.00	0.15
C388	CONDUIT	0.062	0	02:30	0.34	0.04	0.23
C391	CONDUIT	0.025	0	02:08	0.13	0.00	0.05
C397	CHANNEL	0.062	0	02:30	0.35	0.00	0.14
C398	CHANNEL	0.062	0	02:31	0.37	0.00	0.11
C399	CONDUIT	0.042	0	01:44	0.20	0.01	0.16
C4	CONDUIT	0.017	0	01:38	0.23	0.00	0.06
C401	CONDUIT	0.035	0	02:54	0.13	0.01	0.17
C403	CONDUIT	0.007	0	01:38	0.11	0.00	0.06
C405	CHANNEL	0.040	0	01:44	0.48	0.00	0.08
C407	CHANNEL	0.001	0	01:44	0.02	0.00	0.05
C408	CONDUIT	0.006	0	01:40	0.09	0.00	0.06
C409	CONDUIT	0.011	0	02:25	0.10	0.00	0.03
C41	CONDUIT	0.008	0	01:40	0.10	0.01	0.07
C413	CONDUIT	0.009	0	01:43	0.14	0.00	0.07
C416	CONDUIT	0.014	0	01:41	0.25	0.00	0.06
C42	CONDUIT	0.018	0	01:43	0.13	0.00	0.03
C420	CONDUIT	0.033	0	02:05	0.20	0.01	0.11
C423	CONDUIT	0.021	0	02:02	0.16	0.01	0.10
C425	CHANNEL	0.014	0	01:43	0.09	0.00	0.07
C429	CONDUIT	0.034	0	02:09	0.19	0.01	0.13
C43	CONDUIT	0.021	0	01:40	0.19	0.00	0.03
C432	CONDUIT	0.023	0	02:08	0.21	0.01	0.08
C433	CONDUIT	0.009	0	02:04	0.14	0.00	0.07
C437	CONDUIT	0.010	0	02:04	0.20	0.00	0.06
C439_1	CONDUIT	0.037	0	02:54	0.20	0.01	0.22
C439_2	CONDUIT	0.077	0	02:14	0.27	0.02	0.17
C44	CONDUIT	0.004	0	01:47	0.05	0.00	0.02
C444_2	CONDUIT	0.028	0	01:53	0.27	0.04	0.26
C445	CONDUIT	0.008	0	02:11	0.12	0.00	0.13
C447	CONDUIT	0.025	0	01:46	0.26	0.00	0.09
C448	CONDUIT	0.010	0	02:43	0.05	0.00	0.05
C451	CONDUIT	0.035	0	02:39	0.19	0.09	0.28

C452	CONDUIT	0.034	0	02:18	0.17	0.03	0.13
C455	CONDUIT	0.034	0	02:19	0.20	0.01	0.12
C457	CHANNEL	0.002	0	01:50	0.03	0.01	0.27
C460	CONDUIT	0.035	0	02:21	0.23	0.01	0.11
C465	CONDUIT	0.023	0	02:03	0.15	0.01	0.14
C466	CONDUIT	0.025	0	02:38	0.09	0.01	0.08
C468	CONDUIT	0.035	0	02:22	0.25	0.01	0.13
C469	CONDUIT	0.035	0	02:24	0.21	0.01	0.17
C47	CONDUIT	0.000	0	00:00	0.00	0.00	0.01
C472	CONDUIT	0.028	0	02:30	0.15	0.05	0.12
C474	CHANNEL	0.012	0	01:46	0.10	0.01	0.15
C475	CONDUIT	0.024	0	02:51	0.09	0.00	0.07
C478	CONDUIT	0.068	0	02:49	0.24	0.04	0.21
C481	CONDUIT	0.024	0	03:01	0.13	0.00	0.05
C485	CONDUIT	0.078	0	02:22	0.39	0.01	0.13
C486	CONDUIT	0.029	0	02:33	0.29	0.00	0.08
C49	CONDUIT	0.011	0	01:35	0.05	0.00	0.16
C490	CONDUIT	0.029	0	02:35	0.30	0.00	0.08
C491	CONDUIT	0.075	0	02:30	0.28	0.01	0.17
C493	CHANNEL	0.006	0	01:52	0.03	0.00	0.20
C498	CONDUIT	0.025	0	03:26	0.14	0.00	0.05
C499	CONDUIT	0.032	0	01:42	0.30	0.00	0.09
C5	CONDUIT	0.012	0	01:40	0.17	0.00	0.08
C50	CHANNEL	0.000	0	00:00	0.00	0.00	0.08
C505	CONDUIT	0.025	0	03:36	0.15	0.00	0.04
C507	CONDUIT	0.083	0	01:43	0.31	0.02	0.16
C513	CONDUIT	0.025	0	03:43	0.16	0.00	0.04
C514	CHANNEL	0.007	0	01:35	0.04	0.00	0.29
C517	CONDUIT	0.084	0	01:50	0.34	0.02	0.15
C518	CONDUIT	0.025	0	03:46	0.16	0.00	0.04
C52	CONDUIT	0.012	0	01:37	0.09	0.00	0.11
C520	CONDUIT	0.005	0	01:42	0.07	0.00	0.12
C521	CONDUIT	0.006	0	01:40	0.11	0.00	0.04
C522	CONDUIT	0.025	0	03:53	0.11	0.00	0.06
C524	CONDUIT	0.002	0	02:06	0.06	0.00	0.03
C525	CHANNEL	0.015	0	01:50	0.16	0.00	0.09
C525_3	CONDUIT	0.004	0	01:45	0.14	0.00	0.04
C528	CONDUIT	0.074	0	02:00	0.30	0.02	0.16
C53	CONDUIT	0.023	0	01:42	0.25	0.00	0.07
C530	CONDUIT	0.026	0	04:10	0.13	0.01	0.05
C535	CONDUIT	0.027	0	04:11	0.14	0.00	0.06
C537_2	CONDUIT	0.026	0	04:40	0.23	0.01	0.08
C537_3	CONDUIT	0.026	0	04:31	0.06	0.00	0.10
C540	CONDUIT	0.003	0	01:40	0.10	0.00	0.03
C541	CONDUIT	0.007	0	01:41	0.13	0.01	0.05
C542	CONDUIT	0.007	0	01:40	0.14	0.00	0.04
C543	CONDUIT	0.004	0	01:40	0.06	0.00	0.06
C545	CONDUIT	0.009	0	01:42	0.15	0.00	0.05
C546	CONDUIT	0.000	0	00:00	0.00	0.00	0.03
C547	CONDUIT	0.011	0	01:43	0.11	0.00	0.08
C548	CONDUIT	0.026	0	04:43	0.24	0.00	0.08
C550	CONDUIT	0.016	0	01:46	0.17	0.01	0.07
C551	CONDUIT	0.026	0	04:47	0.18	0.01	0.10
C552	CONDUIT	0.016	0	01:46	0.20	0.00	0.06
C553_1	CONDUIT	0.015	0	01:46	0.16	0.01	0.09
C553_2	CONDUIT	0.025	0	01:56	0.17	0.01	0.11
C555	CONDUIT	0.023	0	02:04	0.14	0.01	0.11
C556	CONDUIT	0.023	0	02:08	0.17	0.01	0.10
C557	CONDUIT	0.038	0	01:48	0.20	0.01	0.14
C558	CONDUIT	0.027	0	02:06	0.14	0.02	0.13
C559	CONDUIT	0.050	0	02:10	0.41	0.01	0.09
C560_1	CONDUIT	0.051	0	02:12	0.39	0.00	0.11
C560_2	CONDUIT	0.051	0	02:14	0.28	0.01	0.13
C561	CONDUIT	0.049	0	02:21	0.24	0.01	0.23
C562	CONDUIT	0.064	0	02:22	0.20	0.02	0.34
C569	CONDUIT	0.026	0	01:40	0.28	0.00	0.08
C57	CONDUIT	0.011	0	01:39	0.14	0.00	0.02
C575	CHANNEL	0.019	0	01:43	0.31	0.00	0.06
C58	CONDUIT	0.009	0	01:43	0.11	0.00	0.02
C580	CHANNEL	0.000	0	00:00	0.00	0.00	0.04
C584	CONDUIT	0.040	0	01:40	0.18	0.02	0.18
C586	CONDUIT	0.022	0	02:10	0.13	0.00	0.11
C587_1	CONDUIT	0.083	0	03:16	0.27	0.02	0.19
C6	CONDUIT	0.005	0	01:36	0.09	0.00	0.06
C60	CONDUIT	0.017	0	01:40	0.21	0.00	0.07
C600	CONDUIT	0.017	0	01:41	0.17	0.00	0.08
C614_2	CONDUIT	0.032	0	01:41	0.21	0.01	0.11
C615	CONDUIT	0.004	0	02:03	0.07	0.00	0.06
C617	CONDUIT	0.012	0	02:15	0.11	0.00	0.03
C62	CONDUIT	0.014	0	01:40	0.19	0.00	0.06
C621	CONDUIT	0.029	0	01:41	0.22	0.01	0.10
C622	CONDUIT	0.024	0	03:12	0.13	0.00	0.05
C624	CONDUIT	0.037	0	01:43	0.20	0.01	0.13
C63_1	CHANNEL	0.018	0	01:37	0.06	0.00	0.09
C66	CONDUIT	0.006	0	01:41	0.09	0.00	0.11
C7	CONDUIT	0.021	0	01:42	0.35	0.01	0.16
C7_1	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C7_2	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C70	CONDUIT	0.040	0	01:44	1.47	0.01	0.08
C72	CONDUIT	0.029	0	01:42	0.22	0.10	0.32
C78	CHANNEL	0.011	0	02:06	0.08	0.00	0.10
C80	CONDUIT	0.011	0	02:04	1.28	0.05	0.15
C81	CHANNEL	0.011	0	02:03	0.24	0.00	0.12
C82	CONDUIT	0.010	0	01:44	0.13	0.00	0.02
C85	CONDUIT	0.006	0	01:43	0.09	0.00	0.06
C88	CONDUIT	0.004	0	01:42	0.09	0.00	0.01
C9	CONDUIT	0.006	0	01:40	0.04	0.00	0.05
C9_1	CHANNEL	0.000	0	01:42	0.01	0.00	0.02
C9_2	CHANNEL	0.001	0	01:36	0.09	0.00	0.06
C93	CONDUIT	0.035	0	02:36	1.05	0.03	0.11
C96	CONDUIT	0.010	0	01:44	0.14	0.00	0.02
DDC01_CULVERT_600	CONDUIT	0.029	0	01:42	0.80	0.20	0.19
DDC02	CONDUIT	0.028	0	01:44	0.19	0.05	0.20

C251	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C256	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C259	1.00	0.00	0.62	0.00	0.38	0.00	0.00	0.00	0.99	0.00
C262	1.00	0.42	0.12	0.00	0.45	0.00	0.00	0.00	0.57	0.00
C263	1.00	0.43	0.05	0.00	0.52	0.00	0.00	0.00	0.52	0.00
C266	1.00	0.44	0.41	0.00	0.15	0.00	0.00	0.00	0.46	0.00
C267	1.00	0.61	0.10	0.00	0.29	0.00	0.00	0.00	0.27	0.00
C268	1.00	0.05	0.32	0.00	0.62	0.00	0.00	0.00	0.93	0.00
C27	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.01
C27_1	1.00	0.00	0.00	0.00	0.65	0.35	0.00	0.00	0.05	0.00
C27_2	1.00	0.30	0.11	0.00	0.59	0.00	0.00	0.00	0.67	0.00
C271	1.00	0.15	0.60	0.00	0.25	0.00	0.00	0.00	0.78	0.00
C272	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.94	0.00
C275	1.00	0.29	0.14	0.00	0.58	0.00	0.00	0.00	0.63	0.00
C276	1.00	0.04	0.11	0.00	0.85	0.00	0.00	0.00	0.90	0.00
C277	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C279	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.99	0.00
C282	1.00	0.00	0.05	0.00	0.95	0.00	0.00	0.00	1.00	0.00
C283	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.12	0.00
C284	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C285	1.00	0.00	0.22	0.00	0.78	0.00	0.00	0.00	1.00	0.00
C287	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
C287_1	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.98	0.00
C287_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C288	1.00	0.00	0.44	0.00	0.56	0.00	0.00	0.00	0.98	0.00
C289	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.95	0.00
C29	1.00	0.00	0.74	0.00	0.26	0.00	0.00	0.00	0.98	0.00
C291	1.00	0.28	0.16	0.00	0.57	0.00	0.00	0.00	0.71	0.00
C292	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.98	0.00
C294	1.00	0.58	0.05	0.00	0.37	0.00	0.00	0.00	0.30	0.00
C296	1.00	0.28	0.33	0.00	0.39	0.00	0.00	0.00	0.50	0.00
C297_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.21	0.00
C299	1.00	0.01	0.00	0.00	0.18	0.81	0.00	0.00	0.00	0.00
C3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C30	1.00	0.00	0.76	0.00	0.24	0.00	0.00	0.00	0.98	0.00
C300	1.00	0.34	0.25	0.00	0.42	0.00	0.00	0.00	0.56	0.00
C305	1.00	0.00	0.16	0.00	0.84	0.00	0.00	0.00	0.98	0.00
C308	1.00	0.05	0.25	0.00	0.70	0.00	0.00	0.00	0.89	0.00
C309	1.00	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.99	0.00
C31	1.00	0.04	0.57	0.00	0.39	0.00	0.00	0.00	0.93	0.00
C310_1	1.00	0.14	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C310_2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C311	1.00	0.41	0.33	0.00	0.26	0.00	0.00	0.00	0.36	0.00
C313	1.00	0.04	0.04	0.00	0.92	0.00	0.00	0.00	0.70	0.00
C314	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C319	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
C32	1.00	0.59	0.21	0.00	0.20	0.00	0.00	0.00	0.29	0.00
C320	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C322	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C324	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C326	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C327	1.00	0.14	0.14	0.00	0.72	0.00	0.00	0.00	0.77	0.00
C329	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.00
C33	1.00	0.24	0.06	0.00	0.70	0.00	0.00	0.00	0.08	0.00
C331	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C333	1.00	0.02	0.00	0.00	0.77	0.22	0.00	0.00	0.00	0.00
C334	1.00	0.00	0.92	0.00	0.08	0.00	0.00	0.00	0.99	0.00
C335	1.00	0.00	0.08	0.00	0.92	0.00	0.00	0.00	0.98	0.00
C34	1.00	0.00	0.30	0.00	0.70	0.00	0.00	0.00	1.00	0.00
C340	1.00	0.00	0.15	0.00	0.85	0.00	0.00	0.00	1.00	0.00
C341	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C346	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.85	0.00
C35	1.00	0.00	0.54	0.00	0.46	0.00	0.00	0.00	1.00	0.00
C350	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C352	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.01	0.00
C353	1.00	0.88	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C355	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.84	0.00
C356	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
C359	1.00	0.11	0.24	0.00	0.65	0.00	0.00	0.00	0.99	0.00
C36	1.00	0.50	0.10	0.00	0.40	0.00	0.00	0.00	0.01	0.00
C361	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
C363	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
C365	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.00
C367	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
C371	1.00	0.02	0.00	0.00	0.97	0.01	0.00	0.00	0.97	0.00
C372	1.00	0.00	0.88	0.00	0.12	0.00	0.00	0.00	0.98	0.00
C374	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C375	1.00	0.00	0.11	0.00	0.89	0.00	0.00	0.00	0.98	0.00
C376	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C377	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.94	0.00
C378	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.97	0.00
C379	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
C38	1.00	0.00	0.81	0.00	0.19	0.00	0.00	0.00	1.00	0.00
C381_1	1.00	0.00	0.02	0.00	0.97	0.00	0.00	0.00	0.97	0.00
C381_2	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.00
C384	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.98	0.00
C385	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.98	0.00
C388	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
C391	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.99	0.00
C397	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
C398	1.00	0.00	0.02	0.00	0.64	0.34	0.00	0.00	0.57	0.00
C399	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
C4	1.00	0.58	0.23	0.00	0.19	0.00	0.00	0.00	0.26	0.00
C401	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C403	1.00	0.00	0.84	0.00	0.16	0.00	0.00	0.00	0.99	0.00
C405	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C407	1.00	0.00	0.95	0.00	0.05	0.00	0.00	0.00	0.98	0.00
C408	1.00	0.00	0.11	0.00	0.89	0.00	0.00	0.00	0.33	0.00
C409	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
C41	1.00	0.22	0.41	0.00	0.37	0.00	0.00	0.00	0.72	0.00
C413	1.00	0.00	0.42	0.00	0.58	0.00	0.00	0.00	0.99	0.00
C416	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C42	1.00	0.27	0.00	0.00	0.73	0.00	0.00	0.00	0.35	0.00

C7_2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C70	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.05	0.00
C72	1.00	0.00	0.29	0.00	0.71	0.00	0.00	0.00	0.96	0.00
C78	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C80	1.00	0.02	0.00	0.00	0.98	0.01	0.00	0.00	0.98	0.00
C81	1.00	0.02	0.00	0.00	0.38	0.60	0.00	0.00	0.05	0.00
C82	1.00	0.43	0.26	0.00	0.30	0.00	0.00	0.00	0.39	0.00
C85	1.00	0.22	0.00	0.00	0.78	0.00	0.00	0.00	0.01	0.00
C88	1.00	0.77	0.09	0.00	0.13	0.00	0.00	0.00	0.15	0.00
C9	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07	0.00
C9_1	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.98	0.00
C9_2	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.82	0.00
C93	1.00	0.00	0.00	0.00	0.91	0.09	0.00	0.00	0.43	0.00
C96	1.00	0.08	0.48	0.00	0.44	0.00	0.00	0.00	0.78	0.00
DDC01_CULVERT_600	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
DDC02	1.00	0.23	0.29	0.00	0.48	0.00	0.00	0.00	0.92	0.00
DDC03	1.00	0.05	0.19	0.00	0.76	0.00	0.00	0.00	0.90	0.00
DDC04	1.00	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.99	0.00
DDC05	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
DDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
MD_AR_Culvert700mm	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.98
PDC01	1.00	0.00	0.15	0.00	0.85	0.00	0.00	0.00	0.99	0.00
PDC02_CULVERT450	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.00	0.00
PDC03	1.00	0.00	0.13	0.00	0.87	0.00	0.00	0.00	0.99	0.00
PDC04	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
PDC05	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
PDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.42	0.00
PDC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
PDC08_CULVERT450	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.00	0.00
PDC09	1.00	0.00	0.18	0.00	0.82	0.00	0.00	0.00	1.00	0.00

 Conduit Surcharge Summary

No conduits were surcharged.

 Pumping Summary

Pump	Percent Utilized	Number of Start-Ups	Min	Avg	Max	Total	Power Usage Kw-hr	% Time Off Pump Curve	
			Flow CMS	Flow CMS	Flow CMS	Volume 10^6 ltr		Low	High
P1	0.00	0	0.00	0.00	0.00	0.000	0.00	0.0	0.0
P2	10.18	1	0.00	0.02	0.03	0.880	1.02	0.0	100.0

Analysis begun on: Thu Jan 22 15:49:05 2026
 Analysis ended on: Thu Jan 22 15:49:20 2026
 Total elapsed time: 00:00:15



Appendix B-6: Post-development 24h storm 100y event to compare to predevelopment 24h storm 2y event

Element Count

Number of rain gages 7
 Number of subcatchments ... 343
 Number of nodes 319
 Number of links 314
 Number of pollutants 0
 Number of land uses 0

Raingage Summary

Name	Data Source	Data Type	Recording Interval
Chicago_4h	Chicago4h	INTENSITY	10 min.
SCS_Type_II_100y_24h_103.5mm	SCS_Type_II_100y_24h_103.5mm	INTENSITY	15 min.
SCS_Type_II_10y_24h_72mm	SCS_Type_II_10y_24h_72mm	INTENSITY	15 min.
SCS_Type_II_25y_24h_84mm	SCS_Type_II_25y_24h_84mm	INTENSITY	15 min.
SCS_Type_II_2y_24h_48mm	SCS_Type_II_2y_24h_48mm	INTENSITY	15 min.
SCS_Type_II_50y_24h_93.6mm	SCS_Type_II_50y_24h_93.6mm	INTENSITY	15 min.
SCS_Type_II_5y_24h_62.4mm	SCS_Type_II_5y_24h_62.4mm	INTENSITY	15 min.

Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
S1	0.06	7.65	5.00	0.9500	SCS_Type_II_2y_24h_48mm	J458
S10	0.32	35.64	5.00	5.3190	SCS_Type_II_2y_24h_48mm	J9
S100	0.29	29010.00	100.00	1.0000	SCS_Type_II_100y_24h_103.5mm	POND
S101	0.30	30.19	5.00	0.4890	SCS_Type_II_2y_24h_48mm	J116
S102	0.43	23.97	5.00	0.5230	SCS_Type_II_2y_24h_48mm	J135
S103	0.69	67.71	5.00	0.3070	SCS_Type_II_2y_24h_48mm	J88
S104	0.25	38.66	5.00	0.2680	SCS_Type_II_2y_24h_48mm	J124
S105	0.10	222.68	100.00	1.0000	SCS_Type_II_100y_24h_103.5mm	PDJ06
S106	0.49	38.92	5.00	0.9980	SCS_Type_II_2y_24h_48mm	J138
S107	0.84	41.54	5.00	0.2410	SCS_Type_II_2y_24h_48mm	J159
S108	0.60	75.89	5.00	1.5180	SCS_Type_II_2y_24h_48mm	J1280
S109	0.58	28.02	5.00	0.4250	SCS_Type_II_2y_24h_48mm	J140
S11	0.41	28.94	5.00	0.2640	SCS_Type_II_2y_24h_48mm	J13
S110	0.05	47.70	100.00	1.0000	SCS_Type_II_100y_24h_103.5mm	POND
S111	0.05	41.34	100.00	1.0000	SCS_Type_II_100y_24h_103.5mm	POND
S112	0.31	69.99	5.00	1.9710	SCS_Type_II_2y_24h_48mm	J95
S113	4.56	340.05	5.00	0.3000	SCS_Type_II_2y_24h_48mm	J1142
S113_2	1.86	125.00	5.00	0.6210	SCS_Type_II_2y_24h_48mm	31499
S114	0.69	65.33	5.00	0.3570	SCS_Type_II_2y_24h_48mm	J458
S114_3	0.20	141.00	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ04
S115	0.75	49.06	5.00	1.5410	SCS_Type_II_2y_24h_48mm	J140
S116	0.51	51.40	5.00	1.5860	SCS_Type_II_2y_24h_48mm	J1219
S117	0.40	31.11	5.00	0.5740	SCS_Type_II_2y_24h_48mm	J299
S118	0.34	20.14	5.00	0.2750	SCS_Type_II_2y_24h_48mm	J172
S119	1.33	102.45	5.00	0.7510	SCS_Type_II_2y_24h_48mm	J1222
S12	0.51	18.49	5.00	0.8590	SCS_Type_II_2y_24h_48mm	J15
S120	0.59	48.09	5.00	0.4290	SCS_Type_II_2y_24h_48mm	J172
S121	0.47	33.02	5.00	0.4190	SCS_Type_II_2y_24h_48mm	J167
S122	0.83	46.73	5.00	0.4270	SCS_Type_II_2y_24h_48mm	J165
S123	1.47	46.46	5.00	1.0820	SCS_Type_II_2y_24h_48mm	J46
S124	2.35	94.42	5.00	0.1720	SCS_Type_II_2y_24h_48mm	30690
S124_1	0.07	46.86	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ14
S124_2	0.15	110.00	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ12
S125	0.70	35.08	5.00	0.6390	SCS_Type_II_2y_24h_48mm	J165
S126	1.95	120.44	5.00	0.1560	SCS_Type_II_2y_24h_48mm	30776
S127	0.66	75.39	5.00	0.3870	SCS_Type_II_2y_24h_48mm	J1294
S128	0.57	60.27	5.00	1.1810	SCS_Type_II_2y_24h_48mm	16611
S129	1.07	82.99	5.00	0.0800	SCS_Type_II_2y_24h_48mm	J88
S13	0.96	56.74	5.00	0.4170	SCS_Type_II_2y_24h_48mm	J13
S130	1.09	62.68	5.00	0.2720	SCS_Type_II_2y_24h_48mm	J650
S131	0.38	40.31	5.00	0.0780	SCS_Type_II_2y_24h_48mm	J205
S132	1.55	115.07	5.00	1.4520	SCS_Type_II_2y_24h_48mm	J1258
S133	3.81	255.41	5.00	0.2070	SCS_Type_II_2y_24h_48mm	30475
S134	1.05	132.70	5.00	0.3130	SCS_Type_II_2y_24h_48mm	J1338
S135	0.81	107.58	5.00	0.6970	SCS_Type_II_2y_24h_48mm	J159
S136	2.72	189.65	5.00	0.3850	SCS_Type_II_2y_24h_48mm	J1322
S136_1	0.06	43.71	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ03
S136_2	0.07	53.57	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ02
S137	3.54	177.10	5.00	3.4140	SCS_Type_II_2y_24h_48mm	31055
S138	0.29	41.38	5.00	0.3980	SCS_Type_II_2y_24h_48mm	J1229
S139	0.35	39.98	5.00	4.9840	SCS_Type_II_2y_24h_48mm	J1338
S14	0.45	23.28	5.00	3.6290	SCS_Type_II_2y_24h_48mm	J17
S140	0.51	55.29	5.00	0.2850	SCS_Type_II_2y_24h_48mm	J161
S141	0.85	33.53	5.00	0.3060	SCS_Type_II_2y_24h_48mm	J165
S142	0.80	48.47	5.00	0.1100	SCS_Type_II_2y_24h_48mm	16496
S143	0.37	16.98	5.00	0.1780	SCS_Type_II_2y_24h_48mm	J70
S144	5.00	314.22	5.00	0.6030	SCS_Type_II_2y_24h_48mm	J1276
S145	4.70	302.68	5.00	0.2800	SCS_Type_II_2y_24h_48mm	J929
S146	0.49	22.84	5.00	1.1850	SCS_Type_II_2y_24h_48mm	J221
S147	1.17	53.87	5.00	0.9530	SCS_Type_II_2y_24h_48mm	31659
S148	0.79	78.75	5.00	0.5050	SCS_Type_II_2y_24h_48mm	J217
S149	3.40	286.28	5.00	0.3900	SCS_Type_II_2y_24h_48mm	J1308
S15	0.59	26.07	5.00	2.3590	SCS_Type_II_2y_24h_48mm	J35
S150	0.29	64.66	5.00	1.6550	SCS_Type_II_2y_24h_48mm	J1279
S151	0.44	53.49	5.00	0.5110	SCS_Type_II_2y_24h_48mm	J1254
S152	0.89	34.08	5.00	0.3800	SCS_Type_II_2y_24h_48mm	J1338
S153	6.47	354.61	5.00	0.4040	SCS_Type_II_2y_24h_48mm	J803

S154	0.71	51.71	5.00	0.5400	SCS_Type_II_2y_24h_48mm	J205
S155	0.70	28.42	5.00	1.9300	SCS_Type_II_2y_24h_48mm	J205
S156	3.03	217.92	5.00	0.3750	SCS_Type_II_2y_24h_48mm	J1335
S157	1.80	105.95	5.00	1.5280	SCS_Type_II_2y_24h_48mm	J433
S158	0.94	48.20	5.00	0.1890	SCS_Type_II_2y_24h_48mm	J165
S159	0.56	60.53	5.00	0.2710	SCS_Type_II_2y_24h_48mm	J225
S16	0.83	97.73	5.00	2.6180	SCS_Type_II_2y_24h_48mm	J43
S160	11.16	223.19	5.00	0.3000	SCS_Type_II_2y_24h_48mm	J1348
S161	0.10	26.08	5.00	0.0780	SCS_Type_II_2y_24h_48mm	J1279
S162	1.42	70.09	5.00	0.6540	SCS_Type_II_2y_24h_48mm	J1301
S163	0.28	26.59	5.00	0.4280	SCS_Type_II_2y_24h_48mm	J229
S164	2.11	64.61	5.00	2.1160	SCS_Type_II_2y_24h_48mm	J596
S165	1.51	52.99	5.00	4.5370	SCS_Type_II_2y_24h_48mm	J1036
S166	0.50	38.56	5.00	0.2420	SCS_Type_II_2y_24h_48mm	J1216
S167	0.38	28.63	5.00	0.4170	SCS_Type_II_2y_24h_48mm	J1216
S168	0.85	52.44	5.00	1.3330	SCS_Type_II_2y_24h_48mm	DDJ05
S168_1	0.13	3.60	5.00	1.1520	SCS_Type_II_2y_24h_48mm	15183
S169	0.32	24.29	5.00	0.5510	SCS_Type_II_2y_24h_48mm	J219
S17	0.69	24.26	5.00	0.3820	SCS_Type_II_2y_24h_48mm	J17
S170	0.36	36.64	5.00	0.5950	SCS_Type_II_2y_24h_48mm	J225
S171	0.54	46.53	5.00	2.8950	SCS_Type_II_2y_24h_48mm	DDJ04
S172	1.01	68.13	5.00	0.6250	SCS_Type_II_2y_24h_48mm	30846
S173	2.45	122.50	5.00	0.7310	SCS_Type_II_2y_24h_48mm	J1010
S174	3.16	157.81	5.00	1.0340	SCS_Type_II_2y_24h_48mm	J1278
S175	0.56	56.83	5.00	0.6910	SCS_Type_II_2y_24h_48mm	J58
S176	0.66	41.24	5.00	4.9770	SCS_Type_II_2y_24h_48mm	DDJ06
S177	0.29	38.73	5.00	0.9100	SCS_Type_II_2y_24h_48mm	J229
S178	4.07	116.25	5.00	0.3900	SCS_Type_II_2y_24h_48mm	J1352
S179	0.54	29.15	5.00	2.3910	SCS_Type_II_2y_24h_48mm	J273
S18	0.60	26.40	5.00	1.9640	SCS_Type_II_2y_24h_48mm	J37
S180	4.29	171.71	5.00	0.5560	SCS_Type_II_2y_24h_48mm	J443
S181	1.03	131.85	5.00	0.8370	SCS_Type_II_2y_24h_48mm	J1318
S182	3.60	138.48	5.00	1.0000	SCS_Type_II_2y_24h_48mm	J1260
S183	0.32	25.27	5.00	3.2090	SCS_Type_II_2y_24h_48mm	J273
S184	0.65	26.17	5.00	1.0600	SCS_Type_II_2y_24h_48mm	30741
S185	0.32	23.19	5.00	2.1230	SCS_Type_II_2y_24h_48mm	J254
S186	0.93	77.19	5.00	0.0770	SCS_Type_II_2y_24h_48mm	J398
S187	3.56	215.24	5.00	0.3210	SCS_Type_II_2y_24h_48mm	J1249
S19	0.64	21.19	5.00	0.4780	SCS_Type_II_2y_24h_48mm	J30
S190	0.46	25.63	5.00	0.5160	SCS_Type_II_2y_24h_48mm	J299
S195	0.29	33.98	5.00	0.3090	SCS_Type_II_2y_24h_48mm	J209
S197	0.33	42.92	5.00	0.3390	SCS_Type_II_2y_24h_48mm	J294
S2	0.33	9.62	5.00	2.4760	SCS_Type_II_2y_24h_48mm	31499
S20	0.41	40.56	5.00	1.1040	SCS_Type_II_2y_24h_48mm	J30
S202	1.21	32.45	5.00	0.4710	SCS_Type_II_2y_24h_48mm	J304
S207	0.32	25.46	5.00	0.7920	SCS_Type_II_2y_24h_48mm	J299
S21	0.43	59.98	5.00	0.3790	SCS_Type_II_2y_24h_48mm	J48
S210	0.50	40.38	5.00	1.9640	SCS_Type_II_2y_24h_48mm	J273
S214	0.23	21.72	5.00	4.4940	SCS_Type_II_2y_24h_48mm	J273
S215	0.50	24.83	5.00	4.4320	SCS_Type_II_2y_24h_48mm	J275
S219	0.29	38.83	5.00	0.3410	SCS_Type_II_2y_24h_48mm	J254
S22	0.51	69.55	5.00	0.5350	SCS_Type_II_2y_24h_48mm	J28
S221_1	0.00	0.26	5.00	0.5820	SCS_Type_II_2y_24h_48mm	J299
S223_1	0.29	23.10	5.00	0.8420	SCS_Type_II_2y_24h_48mm	15017
S224	0.66	62.75	5.00	0.1370	SCS_Type_II_2y_24h_48mm	J319
S225	0.72	19.79	5.00	0.0610	SCS_Type_II_2y_24h_48mm	J221
S23	0.74	27.50	5.00	1.0850	SCS_Type_II_2y_24h_48mm	J37
S234_2	0.33	16.44	5.00	0.6910	SCS_Type_II_2y_24h_48mm	J329
S24	0.21	35.68	5.00	16.0510	SCS_Type_II_2y_24h_48mm	J23
S241	0.93	64.10	5.00	1.2370	SCS_Type_II_2y_24h_48mm	J1232
S242	1.80	44.10	5.00	6.1590	SCS_Type_II_2y_24h_48mm	J1233
S247_2	0.64	27.84	5.00	1.0490	SCS_Type_II_2y_24h_48mm	J392
S25	0.34	31.27	5.00	1.8320	SCS_Type_II_2y_24h_48mm	J37
S26	0.26	47.59	5.00	0.3880	SCS_Type_II_2y_24h_48mm	J30
S260_2	0.56	34.76	5.00	0.6060	SCS_Type_II_2y_24h_48mm	J360
S262	0.45	45.40	5.00	0.6740	SCS_Type_II_2y_24h_48mm	J372
S268	0.33	28.73	5.00	6.0690	SCS_Type_II_2y_24h_48mm	J319
S269_1	0.48	46.77	5.00	1.6780	SCS_Type_II_2y_24h_48mm	J392
S27	0.48	37.17	5.00	0.7660	SCS_Type_II_2y_24h_48mm	J37
S272	0.53	91.99	5.00	0.2890	SCS_Type_II_2y_24h_48mm	J396
S276	0.41	58.61	5.00	0.5570	SCS_Type_II_2y_24h_48mm	J394
S278_2	0.37	16.26	5.00	0.2060	SCS_Type_II_2y_24h_48mm	J81
S28	0.46	31.38	5.00	0.0150	SCS_Type_II_2y_24h_48mm	17000
S285	0.46	28.17	5.00	0.2390	SCS_Type_II_2y_24h_48mm	J304
S288	1.08	44.90	5.00	0.7430	SCS_Type_II_2y_24h_48mm	J419
S29	0.66	67.92	5.00	1.9020	SCS_Type_II_2y_24h_48mm	J39
S291	0.39	35.67	5.00	0.7780	SCS_Type_II_2y_24h_48mm	J362
S3	4.97	177.55	5.00	0.5730	SCS_Type_II_2y_24h_48mm	30961
S30	0.36	19.05	5.00	0.6370	SCS_Type_II_2y_24h_48mm	J30
S300_1	0.34	27.63	5.00	0.5480	SCS_Type_II_2y_24h_48mm	J360
S301	0.45	58.27	5.00	0.3320	SCS_Type_II_2y_24h_48mm	J384
S307	0.55	36.71	5.00	0.9950	SCS_Type_II_2y_24h_48mm	J447
S309	0.48	74.25	5.00	1.0460	SCS_Type_II_2y_24h_48mm	J1213
S31	0.37	37.85	5.00	0.3240	SCS_Type_II_2y_24h_48mm	J41
S310	0.14	41.49	5.00	0.2880	SCS_Type_II_2y_24h_48mm	J419
S313	0.48	31.48	5.00	0.4800	SCS_Type_II_2y_24h_48mm	J304
S314	0.32	24.78	5.00	2.4090	SCS_Type_II_2y_24h_48mm	J491
S315	0.84	31.75	5.00	0.5610	SCS_Type_II_2y_24h_48mm	J462
S316	0.30	10.26	5.00	0.6600	SCS_Type_II_2y_24h_48mm	31735
S317	0.26	35.42	5.00	0.3510	SCS_Type_II_2y_24h_48mm	J453
S32	0.83	36.19	5.00	0.6070	SCS_Type_II_2y_24h_48mm	J59
S324_3	0.06	59.90	5.00	0.2110	SCS_Type_II_2y_24h_48mm	J81
S33	0.69	50.36	5.00	0.3050	SCS_Type_II_2y_24h_48mm	J41
S330	0.79	63.77	5.00	0.1830	SCS_Type_II_2y_24h_48mm	J525
S334_1	0.20	22.19	5.00	0.0820	SCS_Type_II_2y_24h_48mm	J76
S335	0.90	56.71	5.00	0.4830	SCS_Type_II_2y_24h_48mm	17316
S336	0.61	128.30	5.00	0.3930	SCS_Type_II_2y_24h_48mm	J1259
S339	0.21	26.92	5.00	0.7310	SCS_Type_II_2y_24h_48mm	J1331
S34	0.39	29.74	5.00	0.3330	SCS_Type_II_2y_24h_48mm	J37
S340	0.11	46.10	5.00	0.7570	SCS_Type_II_2y_24h_48mm	J475
S341	0.43	61.81	5.00	0.7540	SCS_Type_II_2y_24h_48mm	J1299
S345	0.41	54.43	5.00	1.3180	SCS_Type_II_2y_24h_48mm	J451
S35	0.40	37.73	5.00	0.2180	SCS_Type_II_2y_24h_48mm	J54

S355	0.41	93.73	5.00	0.8730	SCS_Type_II_2y_24h_48mm	J462
S357	0.25	32.13	5.00	0.3310	SCS_Type_II_2y_24h_48mm	J525
S36	0.64	32.73	5.00	1.2270	SCS_Type_II_2y_24h_48mm	J75
S362	0.28	57.30	5.00	0.0210	SCS_Type_II_2y_24h_48mm	J1331
S365	0.40	21.52	5.00	0.5010	SCS_Type_II_2y_24h_48mm	J479
S368	0.27	45.45	5.00	2.0220	SCS_Type_II_2y_24h_48mm	J491
S37	0.57	37.57	5.00	0.7060	SCS_Type_II_2y_24h_48mm	J59
S372	0.65	41.62	5.00	1.1330	SCS_Type_II_2y_24h_48mm	J1318
S375	0.25	17.70	5.00	0.6920	SCS_Type_II_2y_24h_48mm	31735
S38	0.56	43.82	5.00	0.6240	SCS_Type_II_2y_24h_48mm	J66
S384	0.83	41.01	5.00	5.1870	SCS_Type_II_2y_24h_48mm	J562
S39	0.49	29.44	5.00	0.1630	SCS_Type_II_2y_24h_48mm	J1225
S391	0.71	66.19	5.00	0.0550	SCS_Type_II_2y_24h_48mm	J1209
S392	0.94	80.12	5.00	0.2450	SCS_Type_II_2y_24h_48mm	J1249
S395	0.60	17.89	5.00	0.0070	SCS_Type_II_2y_24h_48mm	J523
S397	0.48	66.78	5.00	1.1470	SCS_Type_II_2y_24h_48mm	J598
S398	0.60	101.45	5.00	0.7580	SCS_Type_II_2y_24h_48mm	J598
S399	1.42	22.59	5.00	0.2620	SCS_Type_II_2y_24h_48mm	J1233
S4	1.05	68.00	5.00	2.0060	SCS_Type_II_2y_24h_48mm	J472
S40	0.41	41.88	5.00	0.1430	SCS_Type_II_2y_24h_48mm	J52
S403	0.48	47.80	5.00	0.7300	SCS_Type_II_2y_24h_48mm	J584
S405	0.11	55.66	5.00	1.6290	SCS_Type_II_2y_24h_48mm	J1270
S406	0.56	22.88	5.00	0.8010	SCS_Type_II_2y_24h_48mm	J562
S408	0.49	39.78	5.00	1.2860	SCS_Type_II_2y_24h_48mm	J580
S409	0.05	28.16	5.00	0.1780	SCS_Type_II_2y_24h_48mm	J1318
S41	1.05	24.29	5.00	0.4350	SCS_Type_II_2y_24h_48mm	J116
S411	0.57	38.31	5.00	0.5650	SCS_Type_II_2y_24h_48mm	J584
S417	0.66	63.34	5.00	0.4020	SCS_Type_II_2y_24h_48mm	J1209
S419	0.76	71.73	5.00	2.7970	SCS_Type_II_2y_24h_48mm	J598
S42	0.70	17.02	5.00	2.9960	SCS_Type_II_2y_24h_48mm	J15
S421	0.71	50.65	5.00	1.3600	SCS_Type_II_2y_24h_48mm	J633
S428	0.42	34.89	5.00	0.3030	SCS_Type_II_2y_24h_48mm	J611
S429	0.43	70.10	5.00	0.3560	SCS_Type_II_2y_24h_48mm	J611
S43	1.16	53.26	5.00	0.9520	SCS_Type_II_2y_24h_48mm	J66
S431	0.44	27.59	5.00	0.9150	SCS_Type_II_2y_24h_48mm	J598
S437	0.65	84.61	5.00	0.0600	SCS_Type_II_2y_24h_48mm	J1268
S439	0.41	37.53	5.00	0.5500	SCS_Type_II_2y_24h_48mm	J623
S44	0.67	45.06	5.00	0.4680	SCS_Type_II_2y_24h_48mm	J68
S443	0.36	18.02	5.00	0.1700	SCS_Type_II_2y_24h_48mm	J580
S446	0.44	26.67	5.00	0.2710	SCS_Type_II_2y_24h_48mm	J611
S447	0.65	90.96	5.00	0.3830	SCS_Type_II_2y_24h_48mm	J664
S448	0.36	25.30	5.00	1.4260	SCS_Type_II_2y_24h_48mm	J646
S45	0.12	106.36	5.00	0.1380	SCS_Type_II_2y_24h_48mm	J54
S458	0.65	35.75	5.00	0.5840	SCS_Type_II_2y_24h_48mm	J598
S46	0.31	21.33	5.00	0.1480	SCS_Type_II_2y_24h_48mm	J1210
S469	0.47	55.53	5.00	0.1340	SCS_Type_II_2y_24h_48mm	J623
S47	0.62	36.30	5.00	0.1880	SCS_Type_II_2y_24h_48mm	J59
S476	0.47	43.76	5.00	0.5100	SCS_Type_II_2y_24h_48mm	J658
S478	1.08	67.12	5.00	0.2170	SCS_Type_II_2y_24h_48mm	J712
S479	0.32	31.00	5.00	1.1100	SCS_Type_II_2y_24h_48mm	J710
S48	0.59	71.23	5.00	0.6840	SCS_Type_II_2y_24h_48mm	J75
S481	0.60	27.05	5.00	0.1950	SCS_Type_II_2y_24h_48mm	J686
S487	0.46	60.83	5.00	0.7140	SCS_Type_II_2y_24h_48mm	J693
S49	0.30	46.87	5.00	0.5050	SCS_Type_II_2y_24h_48mm	J77
S492	0.61	32.72	5.00	2.5170	SCS_Type_II_2y_24h_48mm	J686
S493	0.87	66.80	5.00	0.5230	SCS_Type_II_2y_24h_48mm	J646
S494	0.75	66.85	5.00	1.6750	SCS_Type_II_2y_24h_48mm	J673
S497	0.33	35.72	5.00	0.6640	SCS_Type_II_2y_24h_48mm	J644
S499	0.28	20.27	5.00	0.3360	SCS_Type_II_2y_24h_48mm	J686
S5	3.45	216.09	5.00	0.2320	SCS_Type_II_2y_24h_48mm	31282
S50	0.43	29.77	5.00	0.0800	SCS_Type_II_2y_24h_48mm	J56
S503	0.67	30.24	5.00	0.3080	SCS_Type_II_2y_24h_48mm	J744
S504_2	0.30	19.30	5.00	0.0140	SCS_Type_II_2y_24h_48mm	J87
S506	0.60	59.41	5.00	0.2870	SCS_Type_II_2y_24h_48mm	J748
S51	0.69	28.25	5.00	0.7750	SCS_Type_II_2y_24h_48mm	J68
S513	0.69	65.97	5.00	0.2720	SCS_Type_II_2y_24h_48mm	J718
S514_3	0.13	4.86	5.00	0.1590	SCS_Type_II_2y_24h_48mm	31616
S516	0.38	22.07	5.00	0.6130	SCS_Type_II_2y_24h_48mm	J777
S517	0.63	80.79	5.00	0.9730	SCS_Type_II_2y_24h_48mm	J668
S518	0.36	44.92	5.00	0.1290	SCS_Type_II_2y_24h_48mm	J746
S52	0.45	36.02	5.00	0.3780	SCS_Type_II_2y_24h_48mm	J77
S520	0.34	53.31	5.00	0.2730	SCS_Type_II_2y_24h_48mm	J728
S522	0.22	36.51	5.00	0.2780	SCS_Type_II_2y_24h_48mm	J712
S528	0.40	58.33	5.00	0.0840	SCS_Type_II_2y_24h_48mm	J728
S53	0.35	48.46	5.00	1.4960	SCS_Type_II_2y_24h_48mm	J1227
S536	1.11	30.22	5.00	0.3290	SCS_Type_II_2y_24h_48mm	J744
S538	0.92	164.44	5.00	1.6270	SCS_Type_II_2y_24h_48mm	J1329
S539	0.80	34.77	5.00	0.1910	SCS_Type_II_2y_24h_48mm	J761
S54	0.55	50.14	5.00	0.6790	SCS_Type_II_2y_24h_48mm	J90
S540	0.58	62.40	5.00	0.0380	SCS_Type_II_2y_24h_48mm	J779
S547	0.65	29.78	5.00	0.4320	SCS_Type_II_2y_24h_48mm	J355
S549	0.56	21.62	5.00	0.2060	SCS_Type_II_2y_24h_48mm	J777
S55	0.41	46.29	5.00	0.1270	SCS_Type_II_2y_24h_48mm	J68
S552	0.34	33.67	5.00	0.2580	SCS_Type_II_2y_24h_48mm	J757
S553	0.53	90.96	5.00	0.0930	SCS_Type_II_2y_24h_48mm	J748
S56	0.62	22.70	5.00	0.5070	SCS_Type_II_2y_24h_48mm	J109
S560	0.39	92.23	5.00	0.0100	SCS_Type_II_2y_24h_48mm	J761
S562	0.29	50.52	5.00	0.1890	SCS_Type_II_2y_24h_48mm	J761
S566	0.49	51.47	5.00	0.1060	SCS_Type_II_2y_24h_48mm	J757
S57	0.29	40.88	5.00	0.5720	SCS_Type_II_2y_24h_48mm	J1300
S58	0.38	51.30	5.00	1.9440	SCS_Type_II_2y_24h_48mm	J92
S585	0.47	19.24	5.00	0.0070	SCS_Type_II_2y_24h_48mm	J834
S59	0.41	28.95	5.00	0.2850	SCS_Type_II_2y_24h_48mm	J84
S590	0.26	21.77	5.00	0.1860	SCS_Type_II_2y_24h_48mm	J803
S594	0.74	44.78	5.00	0.0790	SCS_Type_II_2y_24h_48mm	J834
S6	0.49	14.99	5.00	0.8560	SCS_Type_II_2y_24h_48mm	J15
S60	0.77	67.67	5.00	0.6320	SCS_Type_II_2y_24h_48mm	J61
S61	1.18	43.32	5.00	0.3710	SCS_Type_II_2y_24h_48mm	J82
S617	0.35	26.68	5.00	1.9940	SCS_Type_II_2y_24h_48mm	S658
S62	0.85	34.65	5.00	0.4530	SCS_Type_II_2y_24h_48mm	J88
S627	0.40	137.88	5.00	0.0040	SCS_Type_II_2y_24h_48mm	J925
S63	0.58	37.90	5.00	0.7960	SCS_Type_II_2y_24h_48mm	J100
S634	0.54	37.24	5.00	0.4060	SCS_Type_II_2y_24h_48mm	J1334

S64	0.35	46.47	5.00	0.0670	SCS_Type_II_2y_24h_48mm	J1231
S65	1.36	57.33	5.00	0.4840	SCS_Type_II_2y_24h_48mm	J95
S658	0.75	42.70	5.00	0.5340	SCS_Type_II_2y_24h_48mm	J1334
S66	0.76	56.61	5.00	0.6060	SCS_Type_II_2y_24h_48mm	J1324
S665	0.21	22.74	5.00	0.4470	SCS_Type_II_2y_24h_48mm	31478
S67	0.47	59.11	5.00	3.5420	SCS_Type_II_2y_24h_48mm	DDJ06
S68	0.37	34.04	5.00	0.3990	SCS_Type_II_2y_24h_48mm	J84
S682_1	0.21	38.29	5.00	2.0310	SCS_Type_II_2y_24h_48mm	J964
S689	0.45	45.80	5.00	0.1490	SCS_Type_II_2y_24h_48mm	31346
S69	0.73	65.27	5.00	0.4390	SCS_Type_II_2y_24h_48mm	J126
S7	1.52	51.08	5.00	0.9010	SCS_Type_II_2y_24h_48mm	J20
S70	0.26	41.19	5.00	0.1380	SCS_Type_II_2y_24h_48mm	J84
S71	0.63	25.07	5.00	0.4700	SCS_Type_II_2y_24h_48mm	J90
S72	0.69	43.06	5.00	0.3730	SCS_Type_II_2y_24h_48mm	J102
S73	4.47	286.27	5.00	14.7780	SCS_Type_II_2y_24h_48mm	J19
S73_2	7.92	504.71	5.00	15.0970	SCS_Type_II_2y_24h_48mm	NOF1_1
S74	0.51	55.93	5.00	0.9320	SCS_Type_II_2y_24h_48mm	J92
S745	0.27	61.98	5.00	0.0740	SCS_Type_II_2y_24h_48mm	J1272
S75	0.58	50.23	5.00	0.2960	SCS_Type_II_2y_24h_48mm	J684
S76	0.21	35.04	5.00	0.2960	SCS_Type_II_2y_24h_48mm	J86
S764	0.25	52.78	5.00	0.0240	SCS_Type_II_2y_24h_48mm	J1330
S765_2	0.06	20.27	5.00	3.1850	SCS_Type_II_2y_24h_48mm	J1272
S765_4	0.37	127.84	5.00	3.1850	SCS_Type_II_2y_24h_48mm	J1272
S769	0.39	58.03	5.00	0.2960	SCS_Type_II_2y_24h_48mm	J1325
S77	0.20	12.26	5.00	7.4430	SCS_Type_II_2y_24h_48mm	J109
S78	1.15	68.18	5.00	0.4190	SCS_Type_II_2y_24h_48mm	J112
S79	0.51	59.05	5.00	0.0160	SCS_Type_II_2y_24h_48mm	J1344
S8	0.51	36.68	5.00	1.3650	SCS_Type_II_2y_24h_48mm	J20
S80	4.10	511.96	5.00	2.4150	SCS_Type_II_2y_24h_48mm	J923
S807	0.57	53.81	5.00	0.4460	SCS_Type_II_2y_24h_48mm	J36
S81	1.12	69.58	5.00	0.4370	SCS_Type_II_2y_24h_48mm	J467
S81_1	0.56	48.80	5.00	0.8680	SCS_Type_II_2y_24h_48mm	J1272
S82	0.55	120.70	5.00	1.5610	SCS_Type_II_2y_24h_48mm	J167
S83	1.80	163.32	5.00	1.1200	SCS_Type_II_2y_24h_48mm	30821
S84	0.81	68.86	5.00	0.3020	SCS_Type_II_2y_24h_48mm	J1231
S85	0.26	26.93	5.00	0.2590	SCS_Type_II_2y_24h_48mm	16677
S86	0.56	24.26	5.00	2.2080	SCS_Type_II_2y_24h_48mm	J138
S87	3.41	170.43	5.00	0.2400	SCS_Type_II_2y_24h_48mm	31294
S88	0.69	62.35	5.00	11.4780	SCS_Type_II_2y_24h_48mm	J50
S89	0.63	44.94	5.00	0.5500	SCS_Type_II_2y_24h_48mm	J138
S892_2	0.49	35.04	100.00	2.0000	SCS_Type_II_100y_24h_103.5mm	PDJ07
S893_2	0.59	42.19	100.00	2.0000	SCS_Type_II_100y_24h_103.5mm	PDJ09
S894_3	0.18	12.55	100.00	2.0000	SCS_Type_II_100y_24h_103.5mm	PDJ10
S896_2	0.42	30.33	100.00	2.0000	SCS_Type_II_100y_24h_103.5mm	PDJ06
S897_2	0.37	26.21	100.00	2.0000	SCS_Type_II_100y_24h_103.5mm	PDJ05
S898	0.04	181.50	100.00	1.0000	SCS_Type_II_100y_24h_103.5mm	PDJ05
S899	0.02	2.00	76.00	4.7010	SCS_Type_II_100y_24h_103.5mm	S908_3
S9	0.50	61.26	5.00	0.4600	SCS_Type_II_2y_24h_48mm	J20
S90	1.39	109.48	5.00	0.3570	SCS_Type_II_2y_24h_48mm	J576
S900	0.11	16.43	76.00	1.0000	SCS_Type_II_100y_24h_103.5mm	PDJ05
S901_2	0.41	29.21	100.00	2.0000	SCS_Type_II_100y_24h_103.5mm	PDJ04
S902	0.14	19.98	76.00	1.0000	SCS_Type_II_100y_24h_103.5mm	PDJ01
S903	0.17	24.79	76.00	1.0000	SCS_Type_II_100y_24h_103.5mm	PDJ04
S904_3	0.28	19.76	100.00	2.0000	SCS_Type_II_100y_24h_103.5mm	PDJ01
S905_2	0.05	8.12	100.00	1.0000	SCS_Type_II_100y_24h_103.5mm	POND
S908_3	0.02	24.30	100.00	1.0000	SCS_Type_II_100y_24h_103.5mm	POND
S91	0.41	45.63	5.00	0.4610	SCS_Type_II_2y_24h_48mm	J1273
S910_2	0.20	140.93	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ09
S911_2	0.16	114.00	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ10
S912_3	0.13	93.07	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ11
S915_2	0.17	119.21	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ06
S916_2	0.21	148.00	76.00	2.0000	SCS_Type_II_2y_24h_48mm	ARDJ07
S92	0.85	30.67	5.00	0.2640	SCS_Type_II_2y_24h_48mm	J112
S93	1.13	83.54	5.00	0.2190	SCS_Type_II_2y_24h_48mm	J1241
S94	0.42	36.16	5.00	0.6860	SCS_Type_II_2y_24h_48mm	J660
S95	1.07	113.50	5.00	0.7160	SCS_Type_II_2y_24h_48mm	J1240
S96	0.44	48.77	5.00	0.5290	SCS_Type_II_2y_24h_48mm	J116
S97	0.34	75.41	5.00	0.0640	SCS_Type_II_2y_24h_48mm	J114
S98	0.16	52.77	5.00	0.3610	SCS_Type_II_2y_24h_48mm	J602
S99	0.63	27.75	5.00	1.1760	SCS_Type_II_2y_24h_48mm	J126

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
15017	JUNCTION	95.41	2.00	0.0	
15023	JUNCTION	95.44	2.00	0.0	
15115	JUNCTION	96.02	2.00	0.0	
15169	JUNCTION	95.50	2.00	0.0	
15183	JUNCTION	95.41	2.00	0.0	
15526	JUNCTION	95.38	1.64	0.0	
15536	JUNCTION	95.28	1.00	0.0	
16468	JUNCTION	96.22	1.61	0.0	
16472	JUNCTION	96.77	0.00	0.0	
16496	JUNCTION	96.27	1.61	0.0	
16553	JUNCTION	96.37	1.59	0.0	
16555	JUNCTION	96.79	0.00	0.0	
16576	JUNCTION	96.48	0.82	0.0	
16611	JUNCTION	96.40	0.87	0.0	
16639	JUNCTION	96.17	0.77	0.0	
16641	JUNCTION	96.41	0.00	0.0	
16677	JUNCTION	95.91	1.00	0.0	
16797	JUNCTION	96.59	0.65	0.0	
16799	JUNCTION	97.10	0.00	0.0	
16815	JUNCTION	96.69	0.47	0.0	
16874	JUNCTION	96.94	0.47	0.0	
16876	JUNCTION	97.44	0.00	0.0	
16902	JUNCTION	97.02	1.79	0.0	
17000	JUNCTION	97.23	2.00	0.0	
17050	JUNCTION	97.31	1.00	0.0	

17077	JUNCTION	97.47	1.00	0.0
17111	JUNCTION	97.14	1.22	0.0
17114	JUNCTION	98.13	0.00	0.0
17125	JUNCTION	97.51	2.00	0.0
17181	JUNCTION	97.98	2.00	0.0
17189	JUNCTION	97.80	1.70	0.0
17196	JUNCTION	98.42	0.00	0.0
17316	JUNCTION	94.85	1.65	0.0
30259	JUNCTION	92.12	2.00	0.0
30475	JUNCTION	92.85	2.00	0.0
30654	JUNCTION	93.32	2.00	0.0
30690	JUNCTION	93.24	2.00	0.0
30703	JUNCTION	92.99	2.00	0.0
30723	JUNCTION	92.98	2.00	0.0
30741	JUNCTION	92.92	2.00	0.0
30776	JUNCTION	92.69	2.00	0.0
30790	JUNCTION	93.04	2.00	0.0
30821	JUNCTION	93.18	2.00	0.0
30846	JUNCTION	93.51	1.00	0.0
30874	JUNCTION	94.14	1.00	0.0
30901	JUNCTION	95.23	1.00	0.0
30961	JUNCTION	93.78	2.00	0.0
31055	JUNCTION	93.35	1.11	0.0
31056	JUNCTION	94.36	0.00	0.0
31282	JUNCTION	93.51	1.00	0.0
31294	JUNCTION	93.58	2.00	0.0
31330	JUNCTION	93.60	1.10	0.0
31346	JUNCTION	93.59	1.00	0.0
31478	JUNCTION	93.62	2.00	0.0
31499	JUNCTION	93.63	2.00	0.0
31616	JUNCTION	93.57	3.00	0.0
31659	JUNCTION	92.82	2.18	0.0
31679	JUNCTION	93.24	2.00	0.0
31692	JUNCTION	93.17	1.58	0.0
31717	JUNCTION	93.20	1.59	0.0
31727	JUNCTION	94.43	1.28	0.0
31735	JUNCTION	94.54	1.46	0.0
33074	JUNCTION	94.51	2.00	0.0
33088	JUNCTION	94.16	2.00	0.0
33102	JUNCTION	94.13	2.00	0.0
33116	JUNCTION	94.05	1.00	0.0
33130	JUNCTION	93.93	2.00	0.0
33147	JUNCTION	93.68	2.00	0.0
33161	JUNCTION	93.57	2.00	0.0
35248	JUNCTION	96.08	2.00	0.0
35262	JUNCTION	96.12	2.00	0.0
ARDJ01	JUNCTION	97.82	1.00	0.0
ARDJ02	JUNCTION	97.78	1.00	0.0
ARDJ03	JUNCTION	97.74	1.00	0.0
ARDJ04	JUNCTION	97.54	1.00	0.0
ARDJ05	JUNCTION	97.46	1.00	0.0
ARDJ06	JUNCTION	97.28	1.00	0.0
ARDJ07	JUNCTION	97.04	1.00	0.0
ARDJ08	JUNCTION	96.98	1.00	0.0
ARDJ09	JUNCTION	96.59	1.00	0.0
ARDJ10	JUNCTION	96.33	1.00	0.0
ARDJ11	JUNCTION	96.08	1.00	0.0
ARDJ12	JUNCTION	95.85	2.00	0.0
ARDJ13	JUNCTION	95.50	2.00	0.0
ARDJ14	JUNCTION	95.36	2.00	0.0
DDJ01	JUNCTION	95.46	1.52	0.0
DDJ02	JUNCTION	95.43	1.52	0.0
DDJ03	JUNCTION	95.38	0.35	0.0
DDJ04	JUNCTION	95.33	0.35	0.0
DDJ05	JUNCTION	95.24	0.37	0.0
DDJ06	JUNCTION	95.17	0.43	0.0
J1	JUNCTION	93.70	2.00	0.0
J100	JUNCTION	98.38	1.00	0.0
J1010	JUNCTION	93.71	1.00	0.0
J102	JUNCTION	98.26	1.00	0.0
J1036	JUNCTION	93.52	1.00	0.0
J109	JUNCTION	98.35	1.00	0.0
J11	JUNCTION	95.67	1.00	0.0
J112	JUNCTION	97.54	1.00	0.0
J114	JUNCTION	97.65	1.00	0.0
J1142	JUNCTION	93.47	1.00	0.0
J116	JUNCTION	96.45	1.00	0.0
J12_1	JUNCTION	96.33	2.00	0.0
J1209	JUNCTION	94.68	1.00	0.0
J1210	JUNCTION	97.38	1.00	0.0
J1213	JUNCTION	94.80	1.00	0.0
J1216	JUNCTION	96.65	1.00	0.0
J1219	JUNCTION	96.19	1.00	0.0
J1222	JUNCTION	95.98	1.00	0.0
J1225	JUNCTION	98.24	1.00	0.0
J1227	JUNCTION	98.50	1.00	0.0
J1229	JUNCTION	97.19	1.00	0.0
J1231	JUNCTION	97.44	1.00	0.0
J1232	JUNCTION	96.81	1.00	0.0
J1233	JUNCTION	92.80	2.00	0.0
J124	JUNCTION	97.67	1.00	0.0
J1240	JUNCTION	94.71	0.79	0.0
J1241	JUNCTION	95.18	1.00	0.0
J1249	JUNCTION	94.80	1.00	0.0
J1254	JUNCTION	96.74	1.00	0.0
J1258	JUNCTION	96.16	1.00	0.0
J1259	JUNCTION	95.54	1.00	0.0
J126	JUNCTION	97.31	1.00	0.0
J1260	JUNCTION	95.53	1.00	0.0
J1268	JUNCTION	95.20	1.00	0.0
J1270	JUNCTION	94.97	1.00	0.0
J1272	JUNCTION	93.67	1.00	0.0
J1273	JUNCTION	96.83	1.00	0.0

J1276	JUNCTION	93.78	1.00	0.0
J1277	JUNCTION	97.18	1.00	0.0
J1278	JUNCTION	94.07	1.00	0.0
J1279	JUNCTION	97.46	1.00	0.0
J1280	JUNCTION	97.25	1.00	0.0
J1294	JUNCTION	97.02	1.00	0.0
J1299	JUNCTION	95.14	1.00	0.0
J13	JUNCTION	98.24	1.00	0.0
J1300	JUNCTION	97.17	1.00	0.0
J1301	JUNCTION	95.61	1.08	0.0
J1306	JUNCTION	97.52	1.00	0.0
J1308	JUNCTION	94.81	1.00	0.0
J1314	JUNCTION	95.84	1.00	0.0
J1318	JUNCTION	95.36	1.00	0.0
J1322	JUNCTION	93.95	1.00	0.0
J1324	JUNCTION	97.55	1.00	0.0
J1325	JUNCTION	93.69	1.00	0.0
J1329	JUNCTION	94.58	0.80	0.0
J1330	JUNCTION	93.53	1.00	0.0
J1331	JUNCTION	94.60	1.00	0.0
J1332	JUNCTION	95.82	1.00	0.0
J1334	JUNCTION	94.47	1.00	0.0
J1335	JUNCTION	93.14	2.00	0.0
J1338	JUNCTION	97.08	1.00	0.0
J1344	JUNCTION	96.74	1.00	0.0
J1348	JUNCTION	94.43	1.00	0.0
J135	JUNCTION	97.17	1.00	0.0
J1352	JUNCTION	93.18	1.00	0.0
J1355	JUNCTION	94.55	1.00	0.0
J138	JUNCTION	98.46	1.00	0.0
J140	JUNCTION	98.30	1.00	0.0
J142	JUNCTION	96.65	1.00	0.0
J15	JUNCTION	96.35	1.00	0.0
J153	JUNCTION	97.06	1.00	0.0
J159	JUNCTION	96.79	1.00	0.0
J161	JUNCTION	97.74	1.00	0.0
J165	JUNCTION	96.54	1.00	0.0
J167	JUNCTION	97.51	1.00	0.0
J169	JUNCTION	96.99	1.00	0.0
J17	JUNCTION	98.17	1.00	0.0
J172	JUNCTION	96.75	1.00	0.0
J18	JUNCTION	95.10	0.42	0.0
J19	JUNCTION	93.26	1.00	0.0
J199	JUNCTION	97.55	1.00	0.0
J2	JUNCTION	93.89	1.00	0.0
J20	JUNCTION	98.22	1.00	0.0
J205	JUNCTION	97.00	1.00	0.0
J209	JUNCTION	96.33	1.00	0.0
J217	JUNCTION	97.24	1.00	0.0
J219	JUNCTION	97.39	1.00	0.0
J221	JUNCTION	95.05	1.00	0.0
J225	JUNCTION	97.23	1.00	0.0
J229	JUNCTION	96.39	1.00	0.0
J23	JUNCTION	98.11	1.00	0.0
J241	JUNCTION	96.38	1.00	0.0
J254	JUNCTION	97.10	1.00	0.0
J273	JUNCTION	97.13	1.00	0.0
J275	JUNCTION	96.17	1.00	0.0
J28	JUNCTION	98.20	1.00	0.0
J283	JUNCTION	96.12	1.00	0.0
J294	JUNCTION	96.19	1.00	0.0
J299	JUNCTION	96.08	1.00	0.0
J3	JUNCTION	93.41	2.00	0.0
J30	JUNCTION	97.63	1.00	0.0
J304	JUNCTION	95.97	1.00	0.0
J319	JUNCTION	95.88	1.00	0.0
J32	JUNCTION	98.17	1.00	0.0
J329	JUNCTION	95.17	1.00	0.0
J35	JUNCTION	98.04	1.00	0.0
J355	JUNCTION	94.30	1.00	0.0
J36	JUNCTION	93.42	2.00	0.0
J360	JUNCTION	95.91	1.00	0.0
J362	JUNCTION	96.28	1.00	0.0
J37	JUNCTION	98.92	1.00	0.0
J372	JUNCTION	96.58	1.00	0.0
J384	JUNCTION	94.86	1.00	0.0
J39	JUNCTION	97.78	1.00	0.0
J392	JUNCTION	95.34	1.00	0.0
J394	JUNCTION	95.14	1.00	0.0
J396	JUNCTION	95.00	1.00	0.0
J398	JUNCTION	95.71	1.00	0.0
J41	JUNCTION	98.10	1.00	0.0
J419	JUNCTION	95.89	1.00	0.0
J43	JUNCTION	97.98	1.00	0.0
J433	JUNCTION	95.70	1.00	0.0
J443	JUNCTION	95.65	1.00	0.0
J447	JUNCTION	95.40	1.00	0.0
J449	JUNCTION	94.74	1.00	0.0
J451	JUNCTION	95.25	1.00	0.0
J453	JUNCTION	94.81	1.00	0.0
J455	JUNCTION	95.56	1.00	0.0
J458	JUNCTION	95.50	1.00	0.0
J46	JUNCTION	95.66	2.00	0.0
J462	JUNCTION	94.57	1.00	0.0
J467	JUNCTION	95.27	1.00	0.0
J47	JUNCTION	95.75	2.00	0.0
J472	JUNCTION	95.27	1.00	0.0
J475	JUNCTION	95.16	1.00	0.0
J479	JUNCTION	94.61	1.00	0.0
J48	JUNCTION	97.44	1.00	0.0
J491	JUNCTION	94.61	1.00	0.0
J50	JUNCTION	94.70	1.00	0.0
J51	JUNCTION	95.58	1.00	0.0

J52	JUNCTION	98.60	1.00	0.0
J523	JUNCTION	94.43	1.00	0.0
J525	JUNCTION	95.40	1.00	0.0
J54	JUNCTION	97.36	1.00	0.0
J55	JUNCTION	95.10	1.00	0.0
J56	JUNCTION	97.39	1.00	0.0
J562	JUNCTION	94.57	1.00	0.0
J57	JUNCTION	95.59	2.00	0.0
J576	JUNCTION	95.06	1.00	0.0
J58	JUNCTION	93.70	1.00	0.0
J580	JUNCTION	94.50	1.00	0.0
J584	JUNCTION	95.27	1.00	0.0
J59	JUNCTION	98.89	1.00	0.0
J596	JUNCTION	95.27	1.00	0.0
J598	JUNCTION	93.92	1.00	0.0
J602	JUNCTION	95.22	1.00	0.0
J61	JUNCTION	98.62	1.00	0.0
J611	JUNCTION	95.13	1.00	0.0
J623	JUNCTION	95.03	1.00	0.0
J63	JUNCTION	97.36	1.00	0.0
J633	JUNCTION	93.64	1.00	0.0
J644	JUNCTION	94.98	1.00	0.0
J646	JUNCTION	94.99	1.00	0.0
J650	JUNCTION	94.87	1.00	0.0
J658	JUNCTION	95.03	1.00	0.0
J66	JUNCTION	98.97	1.00	0.0
J660	JUNCTION	94.99	1.00	0.0
J664	JUNCTION	94.99	1.00	0.0
J668	JUNCTION	93.96	1.00	0.0
J673	JUNCTION	93.46	1.00	0.0
J676	JUNCTION	94.78	1.00	0.0
J68	JUNCTION	97.67	1.00	0.0
J684	JUNCTION	94.96	1.00	0.0
J686	JUNCTION	94.86	1.00	0.0
J693	JUNCTION	94.87	1.00	0.0
J70	JUNCTION	95.46	1.00	0.0
J703	JUNCTION	94.94	1.00	0.0
J710	JUNCTION	94.39	1.00	0.0
J712	JUNCTION	94.84	1.00	0.0
J718	JUNCTION	94.93	1.00	0.0
J72	JUNCTION	98.12	1.00	0.0
J728	JUNCTION	94.87	1.00	0.0
J744	JUNCTION	94.49	1.00	0.0
J746	JUNCTION	94.60	1.00	0.0
J748	JUNCTION	94.54	1.00	0.0
J75	JUNCTION	97.64	1.00	0.0
J757	JUNCTION	94.74	1.00	0.0
J76	JUNCTION	95.40	2.00	0.0
J761	JUNCTION	94.83	1.00	0.0
J77	JUNCTION	97.40	1.00	0.0
J777	JUNCTION	94.60	0.77	0.0
J779	JUNCTION	94.92	1.00	0.0
J797	JUNCTION	94.71	1.00	0.0
J803	JUNCTION	94.27	1.00	0.0
J81	JUNCTION	95.47	2.00	0.0
J82	JUNCTION	100.49	1.00	0.0
J834	JUNCTION	94.81	1.00	0.0
J84	JUNCTION	98.34	1.00	0.0
J86	JUNCTION	96.83	1.00	0.0
J87	JUNCTION	94.86	0.69	0.0
J88	JUNCTION	96.75	1.00	0.0
J9	JUNCTION	98.20	1.00	0.0
J9_1	JUNCTION	96.30	1.00	0.0
J90	JUNCTION	97.22	1.00	0.0
J92	JUNCTION	101.17	1.00	0.0
J923	JUNCTION	94.12	1.00	0.0
J925	JUNCTION	94.47	1.00	0.0
J929	JUNCTION	94.44	1.00	0.0
J95	JUNCTION	97.23	1.00	0.0
J954	JUNCTION	94.70	1.00	0.0
J964	JUNCTION	94.48	1.00	0.0
Mesure_point	JUNCTION	94.94	0.43	0.0
NOF1_1	JUNCTION	92.18	2.00	0.0
PDJ01	JUNCTION	96.05	2.00	0.0
PDJ02	JUNCTION	96.01	2.00	0.0
PDJ03	JUNCTION	96.00	2.00	0.0
PDJ04	JUNCTION	95.96	2.00	0.0
PDJ05	JUNCTION	95.84	2.00	0.0
PDJ06	JUNCTION	95.80	2.00	0.0
PDJ07	JUNCTION	95.82	2.00	0.0
PDJ08	JUNCTION	95.92	2.00	0.0
PDJ09	JUNCTION	95.97	1.00	0.0
PDJ10	JUNCTION	96.09	1.00	0.0
NOF1	OUTFALL	92.00	0.85	0.0
NOF2	OUTFALL	93.00	1.00	0.0
Outfall_A	OUTFALL	92.64	0.90	0.0
Outfall_B	OUTFALL	92.80	1.38	0.0
POND	STORAGE	94.40	2.50	0.0

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
AR_culvert450	J46	ARDJ14	CONDUIT	40.0	0.7305	0.0120
ARDC01	ARDJ01	ARDJ02	CONDUIT	16.7	0.2568	0.0450
ARDC02_Culvert450	ARDJ02	ARDJ03	CONDUIT	16.8	0.2562	0.0120
ARDC03	ARDJ03	ARDJ04	CONDUIT	68.5	0.2861	0.0450
ARDC04_Culvert450	ARDJ04	ARDJ05	CONDUIT	21.1	0.4077	0.0120
ARDC05	ARDJ05	ARDJ06	CONDUIT	65.1	0.2644	0.0450
ARDC06	ARDJ06	ARDJ07	CONDUIT	90.2	0.2671	0.0450
ARDC07_Culvert450	ARDJ07	ARDJ08	CONDUIT	20.8	0.2840	0.0120

ARDC08	ARDJ08	ARDJ09	CONDUIT	119.8	0.3254	0.0450
ARDC09	ARDJ09	ARDJ10	CONDUIT	95.4	0.2808	0.0450
ARDC10	ARDJ10	ARDJ11	CONDUIT	91.1	0.2690	0.0450
ARDC11	ARDJ11	ARDJ12	CONDUIT	72.4	0.3190	0.0450
ARDC12	ARDJ12	ARDJ13	CONDUIT	40.1	0.8682	0.0450
ARDC13	ARDJ13	ARDJ14	CONDUIT	10.0	1.3719	0.0450
ARDC14_Culvert600	ARDJ14	J55	CONDUIT	19.1	1.3877	0.0160
C1_1	30475	NOF1_1	CONDUIT	284.8	0.2328	0.0350
C1_2	NOF1_1	30259	CONDUIT	25.9	0.2314	0.0350
C10	16639	16677	CONDUIT	35.6	0.7273	0.0350
C103	J686	J728	CONDUIT	24.0	-0.0250	0.0350
C105	J124	J167	CONDUIT	64.6	0.2492	0.0350
C113	J602	J664	CONDUIT	130.6	0.1761	0.0350
C115	PDJ06	POND	CONDUIT	10.0	0.5600	0.0550
C116	J254	J1232	CONDUIT	74.5	0.3865	0.0350
C12_1	16553	J12_1	CONDUIT	11.9	0.2690	0.0350
C124	J159	J1254	CONDUIT	17.7	0.2819	0.0350
C128	J929	J1036	CONDUIT	368.5	0.2494	0.0350
C132	J455	J1259	CONDUIT	79.0	0.0164	0.0350
C134	J728	J757	CONDUIT	62.4	0.2147	0.0350
C137	16902	16874	CONDUIT	5.6	1.3999	0.0120
C138	J165	J275	CONDUIT	195.6	0.1907	0.0350
C142	J1233	Outfall_B	CONDUIT	23.4	0.0043	0.0350
C144	31659	J1233	CONDUIT	22.8	0.0747	0.0240
C145	J39	J56	CONDUIT	97.1	0.3946	0.0350
C147	30776	Outfall_A	CONDUIT	19.7	0.2542	0.0120
C153	J596	J1268	CONDUIT	93.5	0.0727	0.0350
C155	J360	J447	CONDUIT	74.7	0.6824	0.0350
C156	J576	J1270	CONDUIT	10.7	0.8021	0.0350
C16	J472	J467	CONDUIT	10.6	-0.0188	0.0350
C163	15526	15536	CONDUIT	15.3	0.6914	0.0190
C165	J112	J1277	CONDUIT	98.6	0.3682	0.0350
C167	J199	J1279	CONDUIT	22.3	0.3953	0.0350
C172	J167	J1280	CONDUIT	48.1	0.5506	0.0350
C176	J467	J451	CONDUIT	31.3	0.0639	0.0350
C180	J646	J710	CONDUIT	105.1	0.5736	0.0350
C186	J757	J797	CONDUIT	20.5	0.1266	0.0350
C189	J47	J46	CONDUIT	8.0	1.1776	0.0350
C190	J1232	J372	CONDUIT	84.0	0.2763	0.0350
C196	J1318	J584	CONDUIT	73.5	0.1265	0.0350
C199	J52	J1227	CONDUIT	98.1	0.1091	0.0350
C2	16797	16677	CONDUIT	179.6	0.3786	0.0350
C200	J443	J525	CONDUIT	76.4	0.3299	0.0350
C202	J451	J475	CONDUIT	42.8	0.2078	0.0350
C207	J797	J746	CONDUIT	57.7	0.1906	0.0350
C213	J803	31616	CONDUIT	115.3	0.6080	0.0350
C213_1	J15	J11	CONDUIT	315.0	0.2165	0.0350
C213_3	J11	J51	CONDUIT	39.2	0.2168	0.0350
C213_4	J51	J70	CONDUIT	57.9	0.2159	0.0350
C214	J135	J1294	CONDUIT	164.9	0.0910	0.0350
C218	16611	16576	CONDUIT	44.3	-0.1716	0.0350
C22	30901	30874	CONDUIT	54.2	2.0251	0.0350
C221	J447	J1299	CONDUIT	29.1	0.8808	0.0350
C223	J66	J61	CONDUIT	60.0	0.5849	0.0350
C225	J56	J1300	CONDUIT	143.6	0.1567	0.0350
C226	J1258	J1301	CONDUIT	221.4	0.2498	0.0350
C23	J392	J1213	CONDUIT	112.4	0.4822	0.0350
C230	16576	16553	CONDUIT	5.1	2.1968	0.0240
C231_1	17181	17189	CONDUIT	40.9	0.4333	0.0350
C231_2	17189	17125	CONDUIT	61.5	0.4700	0.0350
C233	J664	J660	CONDUIT	22.1	-0.0136	0.0350
C234	J644	J703	CONDUIT	91.3	0.0460	0.0350
C239	J20	J9	CONDUIT	8.2	0.2937	0.0350
C24	J92	J82	CONDUIT	62.2	1.0943	0.0350
C241	J114	J1306	CONDUIT	44.9	0.2987	0.0350
C245	J475	J1299	CONDUIT	20.3	0.0986	0.0350
C248	J9	J17	CONDUIT	14.7	0.1765	0.0350
C25	30874	30846	CONDUIT	54.7	1.1510	0.0350
C251	J660	J684	CONDUIT	63.7	0.0455	0.0350
C256	J17	J23	CONDUIT	134.9	0.0445	0.0350
C259	J1299	J479	CONDUIT	69.3	0.7722	0.0350
C262	J746	J748	CONDUIT	32.1	0.1872	0.0350
C263	J372	J362	CONDUIT	57.1	0.5218	0.0350
C266	J95	J153	CONDUIT	44.4	0.3826	0.0350
C267	J61	J100	CONDUIT	45.9	0.5233	0.0350
C268	J710	J668	CONDUIT	24.8	1.7126	0.0350
C27	30259	NOF1	CONDUIT	27.0	0.4586	0.0240
C27_1	30846	J36	CONDUIT	15.3	0.5820	0.0350
C27_2	J36	30821	CONDUIT	40.4	0.5845	0.0350
C271	J304	J1314	CONDUIT	27.8	0.4639	0.0350
C272	16496	16468	CONDUIT	8.0	0.5964	0.0350
C275	J748	J744	CONDUIT	58.8	0.0783	0.0350
C276	J1227	J72	CONDUIT	51.5	0.7223	0.0350
C277	17077	17050	CONDUIT	37.6	0.4203	0.0350
C279	16468	35262	CONDUIT	23.5	0.4300	0.0350
C282	J668	J673	CONDUIT	118.7	0.4205	0.0350
C283	17050	17000	CONDUIT	76.7	0.1095	0.0350
C284	J1259	J1318	CONDUIT	176.9	0.1018	0.0350
C285	J275	J1222	CONDUIT	83.5	0.2252	0.0350
C287	35262	35248	CONDUIT	39.5	0.1038	0.0350
C287_1	J684	J87	CONDUIT	51.9	0.2101	0.0350
C287_2	J87	J777	CONDUIT	122.1	0.2096	0.0350
C288	J153	J169	CONDUIT	101.2	0.0682	0.0350
C289	J703	J718	CONDUIT	71.2	0.0098	0.0350
C29	J172	J1216	CONDUIT	93.2	0.1095	0.0350
C291	J362	J419	CONDUIT	72.7	0.5409	0.0350
C292	35248	15115	CONDUIT	18.8	0.3087	0.0350
C294	J100	J109	CONDUIT	7.5	0.3741	0.0350
C296	J1260	J458	CONDUIT	65.2	0.0445	0.0350
C297_1	J479	J50	CONDUIT	70.5	-0.1390	0.0350
C299	15115	J47	CONDUIT	33.8	0.8018	0.0350
C3	J1272	J36	CONDUIT	173.2	0.1472	0.0350
C30	J433	J455	CONDUIT	88.3	0.1642	0.0350

C300	J109	J1306	CONDUIT	162.7	0.5115	0.0350
C305	J1142	J1335	CONDUIT	320.6	0.1029	0.0350
C308	J744	J668	CONDUIT	216.6	0.2461	0.0350
C309	J72	J1324	CONDUIT	157.3	0.3656	0.0350
C31	J59	J52	CONDUIT	170.0	0.1706	0.0350
C310_1	J57	ARDJ14	CONDUIT	5.9	3.7750	0.0350
C310_2	J57	15169	CONDUIT	36.0	0.2473	0.0350
C311	J1276	J1325	CONDUIT	48.9	0.1819	0.0350
C313	J138	J140	CONDUIT	65.9	0.2427	0.0350
C314	15169	15183	CONDUIT	50.0	0.1880	0.0350
C319	J23	J28	CONDUIT	38.4	-0.2345	0.0350
C32	J41	J39	CONDUIT	96.9	0.3335	0.0350
C320	J718	J779	CONDUIT	66.7	0.0150	0.0350
C322	15183	15017	CONDUIT	36.2	0.0028	0.0350
C324	J1222	J319	CONDUIT	115.7	0.0873	0.0350
C326	17000	16902	CONDUIT	87.9	0.2390	0.0350
C327	J419	J1314	CONDUIT	38.2	0.1177	0.0350
C329	15017	15023	CONDUIT	34.9	-0.0945	0.0350
C33	30821	30790	CONDUIT	55.2	0.2537	0.0350
C331	J28	J35	CONDUIT	65.0	0.2493	0.0350
C333	15023	15526	CONDUIT	24.1	0.2320	0.0350
C334	16611	16639	CONDUIT	11.1	2.0641	0.0240
C335	J140	J1279	CONDUIT	200.2	0.4221	0.0350
C34	30790	30776	CONDUIT	23.1	1.5402	0.0350
C340	J1314	J525	CONDUIT	202.0	0.2198	0.0350
C341	J779	J761	CONDUIT	57.7	0.1524	0.0350
C346	15536	17316	CONDUIT	112.5	0.3759	0.0350
C35	30741	30776	CONDUIT	19.4	1.1910	0.0350
C350	17316	31735	CONDUIT	118.7	0.2645	0.0350
C352	J35	J32	CONDUIT	9.3	-1.4792	0.0350
C353	J954	J58	CONDUIT	126.4	0.7889	0.0350
C355	J777	J1329	CONDUIT	48.6	0.0412	0.0350
C356	J1036	J1330	CONDUIT	47.9	-0.0250	0.0350
C359	J1306	J1280	CONDUIT	43.7	0.6269	0.0350
C36	30723	30741	CONDUIT	28.5	0.2070	0.0350
C361	31735	31727	CONDUIT	11.7	0.9578	0.0240
C363	J761	J834	CONDUIT	43.2	0.0625	0.0350
C365	31727	33074	CONDUIT	14.5	-0.5948	0.0350
C367	J319	J1332	CONDUIT	57.5	0.0940	0.0350
C371	33074	33088	CONDUIT	30.4	1.1563	0.0350
C372	J58	31330	CONDUIT	37.6	0.2736	0.0120
C374	J1225	J75	CONDUIT	164.7	0.3618	0.0350
C375	J1280	J1277	CONDUIT	58.8	0.1139	0.0350
C376	J834	J1308	CONDUIT	244.3	-0.0016	0.0350
C377	33088	33102	CONDUIT	25.6	0.1131	0.0350
C378	33102	33116	CONDUIT	31.3	0.2783	0.0350
C379	33116	33130	CONDUIT	27.1	0.4249	0.0350
C38	J116	J1219	CONDUIT	10.0	2.6774	0.0350
C381_1	33130	J3	CONDUIT	11.1	4.7154	0.0350
C381_2	J3	33147	CONDUIT	16.2	-1.7235	0.0350
C384	33147	33161	CONDUIT	27.9	0.4163	0.0350
C385	33161	31717	CONDUIT	26.9	1.3818	0.0350
C388	31717	31692	CONDUIT	15.9	0.1444	0.0140
C391	J1277	J1338	CONDUIT	84.4	0.1173	0.0350
C397	31692	31679	CONDUIT	21.3	-0.3187	0.0350
C398	31679	31659	CONDUIT	22.3	1.9102	0.0350
C399	J525	J1318	CONDUIT	37.1	0.1024	0.0350
C4	J30	J48	CONDUIT	54.3	0.3517	0.0350
C401	J70	J221	CONDUIT	218.5	0.1858	0.0350
C403	J77	J63	CONDUIT	28.6	0.1260	0.0350
C405	31616	31659	CONDUIT	76.1	0.9875	0.0350
C407	J1	31499	CONDUIT	201.6	0.0342	0.0350
C408	J63	J1210	CONDUIT	9.2	-0.1746	0.0350
C409	J219	J1229	CONDUIT	160.5	0.1271	0.0350
C41	J623	J658	CONDUIT	38.5	0.0104	0.0350
C413	J1210	J1300	CONDUIT	146.5	0.1433	0.0350
C416	J75	J1324	CONDUIT	8.6	1.0602	0.0350
C42	30703	30723	CONDUIT	43.3	0.0416	0.0350
C420	J584	J1268	CONDUIT	57.6	0.1145	0.0350
C423	J1324	J1231	CONDUIT	121.4	0.0898	0.0350
C425	31499	31478	CONDUIT	43.7	0.0252	0.0350
C429	J1268	J650	CONDUIT	170.6	0.1976	0.0350
C43	30690	30703	CONDUIT	29.0	0.8334	0.0350
C432	J1231	J126	CONDUIT	69.2	0.1865	0.0350
C433	J1300	J90	CONDUIT	15.7	-0.3309	0.0350
C437	J90	J86	CONDUIT	49.0	0.8066	0.0350
C439_1	J221	J55	CONDUIT	33.7	-0.1366	0.0350
C439_2	J55	J491	CONDUIT	329.0	0.1477	0.0350
C44	J299	J1222	CONDUIT	169.4	0.0602	0.0350
C444_2	J18	Mesure_point	CONDUIT	61.3	0.2544	0.0350
C445	J86	J1344	CONDUIT	49.8	0.1686	0.0350
C447	J126	J1273	CONDUIT	137.8	0.3469	0.0350
C448	J1229	J1338	CONDUIT	136.9	0.0789	0.0350
C451	Mesure_point	J87	CONDUIT	108.7	0.0819	0.0350
C452	J650	J693	CONDUIT	35.5	-0.0169	0.0350
C455	J693	J712	CONDUIT	23.2	0.1381	0.0350
C457	31478	31330	CONDUIT	225.2	0.0089	0.0350
C460	J712	J676	CONDUIT	46.8	0.1326	0.0350
C465	J1273	J1344	CONDUIT	68.6	0.1312	0.0350
C466	J1338	J205	CONDUIT	174.8	0.0463	0.0350
C468	J676	J1240	CONDUIT	23.3	0.3092	0.0350
C469	J1240	J1329	CONDUIT	63.2	0.2009	0.0350
C47	30654	30690	CONDUIT	70.5	0.1233	0.0350
C472	J1344	J88	CONDUIT	142.2	-0.0035	0.0350
C474	31330	31346	CONDUIT	36.9	0.0271	0.0350
C475	J205	J1294	CONDUIT	25.2	-0.0913	0.0350
C478	J1329	J1348	CONDUIT	125.9	0.1167	0.0350
C481	J1294	J169	CONDUIT	27.9	0.1073	0.0350
C485	J491	J523	CONDUIT	50.8	0.3660	0.0350
C486	J88	J142	CONDUIT	18.7	0.5147	0.0350
C49	J43	J1225	CONDUIT	12.8	-1.9963	0.0350
C490	J142	J1219	CONDUIT	100.9	0.4598	0.0350
C491	J523	J1233	CONDUIT	337.4	0.4825	0.0350

C493	31346	31282	CONDUIT	156.7	0.0511	0.0350
C498	J1254	J1216	CONDUIT	72.5	0.1201	0.0350
C499	J1219	16677	CONDUIT	42.0	0.6518	0.0350
C5	J611	J1209	CONDUIT	62.0	0.7244	0.0350
C50	30654	J1335	CONDUIT	121.8	0.1461	0.0350
C505	J1216	J209	CONDUIT	128.5	0.2467	0.0350
C507	J1348	J1278	CONDUIT	181.7	0.2015	0.0350
C513	J209	J294	CONDUIT	65.6	0.2120	0.0350
C514	31282	31294	CONDUIT	41.6	-0.1708	0.0350
C517	J1278	J1010	CONDUIT	133.2	0.2702	0.0350
C518	J294	J283	CONDUIT	24.1	0.3107	0.0350
C52	J13	J20	CONDUIT	22.1	0.1043	0.0350
C520	J355	J1233	CONDUIT	30.8	4.8731	0.0350
C521	J229	J241	CONDUIT	36.2	0.0221	0.0350
C522	J283	J1332	CONDUIT	151.9	0.1943	0.0350
C524	J925	J355	CONDUIT	346.5	0.0499	0.0350
C525	31294	31055	CONDUIT	159.2	0.1445	0.0350
C525_3	J241	15115	CONDUIT	120.9	0.2986	0.0350
C528	J1010	J1352	CONDUIT	245.2	0.2141	0.0350
C53	J37	J1227	CONDUIT	132.8	0.3194	0.0350
C530	J1332	J398	CONDUIT	130.9	0.0871	0.0350
C535	J398	J1301	CONDUIT	8.5	1.2133	0.0350
C537_2	J76	J1241	CONDUIT	159.7	0.2029	0.0350
C537_3	J1301	J81	CONDUIT	26.5	0.1357	0.0350
C540	J329	J394	CONDUIT	17.4	0.1777	0.0350
C541	J1334	J925	CONDUIT	28.7	0.0035	0.0350
C542	J394	J396	CONDUIT	51.8	0.2647	0.0350
C543	J964	J1334	CONDUIT	67.3	0.0104	0.0350
C545	J396	J384	CONDUIT	58.0	0.2484	0.0350
C546	J954	J964	CONDUIT	50.0	0.4380	0.0350
C547	J384	J1213	CONDUIT	40.6	0.1355	0.0350
C548	J1241	J1270	CONDUIT	28.0	0.7390	0.0350
C550	J1213	J453	CONDUIT	19.9	-0.0604	0.0350
C551	J1270	J1249	CONDUIT	150.5	0.1156	0.0350
C552	J453	J449	CONDUIT	9.4	0.7965	0.0350
C553_1	J449	J50	CONDUIT	32.2	0.1024	0.0350
C553_2	J50	J1331	CONDUIT	108.2	0.1007	0.0350
C555	J1331	J462	CONDUIT	49.6	0.0524	0.0350
C556	J462	J1355	CONDUIT	43.5	0.0575	0.0350
C557	J1209	J562	CONDUIT	108.0	0.1019	0.0350
C558	J562	J1355	CONDUIT	189.0	0.0138	0.0350
C559	J1355	J598	CONDUIT	87.6	0.7167	0.0350
C560_1	J598	J2	CONDUIT	13.0	0.2377	0.0120
C560_2	J2	J633	CONDUIT	98.1	0.2538	0.0350
C561	J633	J673	CONDUIT	40.8	0.4292	0.0350
C562	J673	J3	CONDUIT	29.6	0.1926	0.0350
C569	J1322	31346	CONDUIT	69.3	0.5197	0.0350
C57	J84	J102	CONDUIT	20.6	0.4071	0.0350
C575	30961	31055	CONDUIT	169.9	0.2542	0.0350
C58	J217	J1229	CONDUIT	40.4	0.1311	0.0350
C580	30901	30961	CONDUIT	90.0	1.6128	0.0350
C584	J1325	J1272	CONDUIT	33.4	0.0539	0.0350
C586	J1330	J1352	CONDUIT	79.4	0.4380	0.0350
C587_1	J1352	30776	CONDUIT	224.6	0.2204	0.0350
C6	J54	J1210	CONDUIT	12.9	-0.1242	0.0350
C60	J68	J1231	CONDUIT	89.0	0.2528	0.0350
C600	J48	17050	CONDUIT	61.5	0.2050	0.0350
C614_2	J19	30475	CONDUIT	212.7	0.1933	0.0350
C615	J32	J1225	CONDUIT	57.5	-0.1062	0.0350
C617	J1279	J219	CONDUIT	40.0	0.1675	0.0350
C62	J273	J1232	CONDUIT	123.2	0.2598	0.0350
C621	J923	31294	CONDUIT	237.9	0.2282	0.0350
C622	J169	J1254	CONDUIT	160.5	0.1583	0.0350
C624	J1249	J1209	CONDUIT	105.0	0.1124	0.0350
C63_1	J1	31616	CONDUIT	9.5	1.3863	0.0350
C66	J580	J1233	CONDUIT	194.6	0.8726	0.0350
C7	J1308	J929	CONDUIT	235.9	0.1581	0.0100
C7_1	17125	17111	CONDUIT	14.6	2.5439	0.0350
C7_2	17111	17077	CONDUIT	47.5	-0.6968	0.0350
C70	31055	NOF2	CONDUIT	20.1	1.7506	0.0120
C72	J458	DDJ01	CONDUIT	34.4	0.1046	0.0350
C78	J1335	30475	CONDUIT	214.4	0.1390	0.0350
C80	16815	16797	CONDUIT	9.4	1.0485	0.0120
C81	16874	16815	CONDUIT	28.8	0.8578	0.0350
C82	J102	J114	CONDUIT	159.9	0.3771	0.0350
C85	J658	J646	CONDUIT	97.6	0.0389	0.0350
C88	J161	J199	CONDUIT	63.0	0.3094	0.0350
C9	J225	J217	CONDUIT	38.2	-0.0288	0.0350
C9_1	J12_1	J9_1	CONDUIT	50.0	0.0640	0.0350
C9_2	J9_1	16496	CONDUIT	11.9	0.2691	0.0350
C93	16677	J11	CONDUIT	14.1	1.7250	0.0240
C96	J82	J138	CONDUIT	272.6	0.7451	0.0350
DDC01_CULVERT_600	DDJ01	DDJ02	CONDUIT	28.8	0.1147	0.0190
DDC02	DDJ02	DDJ03	CONDUIT	28.8	0.1772	0.0350
DDC03	DDJ03	DDJ04	CONDUIT	31.6	0.1551	0.0350
DDC04	DDJ04	DDJ05	CONDUIT	74.7	0.1204	0.0350
DDC05	DDJ05	DDJ06	CONDUIT	70.5	0.0965	0.0350
DDC06	DDJ06	Mesure_point	CONDUIT	230.2	0.0995	0.0350
MD_AR_Culvert700mm	J81	J76	CONDUIT	27.7	0.2422	0.0180
PDC01	PDJ01	PDJ02	CONDUIT	6.5	0.6182	0.0450
PDC02_CULVERT450	PDJ02	PDJ03	CONDUIT	12.3	0.0813	0.0120
PDC03	PDJ03	PDJ04	CONDUIT	11.4	0.3687	0.0450
PDC04	PDJ04	PDJ05	CONDUIT	31.5	0.3651	0.0450
PDC05	PDJ05	PDJ06	CONDUIT	7.7	0.5465	0.0450
PDC06	PDJ07	PDJ06	CONDUIT	40.4	0.0494	0.0450
PDC07	PDJ08	PDJ07	CONDUIT	33.5	0.3017	0.0450
PDC08_CULVERT450	PDJ09	PDJ08	CONDUIT	17.3	0.3004	0.0120
PDC09	PDJ10	PDJ09	CONDUIT	28.5	0.3931	0.0450
P1	POND	ARDJ01	TYPE3 PUMP			
P2	POND	J18	TYPE3 PUMP			

Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
AR_culvert450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.26
ARDC01	TRAPEZOIDAL	0.75	1.73	0.42	3.80	1	1.08
ARDC02_Culvert450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.16
ARDC03	TRAPEZOIDAL	0.75	1.73	0.42	3.80	1	1.14
ARDC04_Culvert450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.20
ARDC05	TRAPEZOIDAL	0.75	1.73	0.42	3.80	1	1.10
ARDC06	TRAPEZOIDAL	0.85	2.12	0.46	4.20	1	1.46
ARDC07_Culvert450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.16
ARDC08	TRAPEZOIDAL	0.86	2.15	0.47	4.23	1	1.64
ARDC09	TRAPEZOIDAL	0.90	2.34	0.48	4.40	1	1.70
ARDC10	TRAPEZOIDAL	0.95	2.56	0.51	4.60	1	1.88
ARDC11	TRAPEZOIDAL	1.00	2.80	0.53	4.80	1	2.31
ARDC12	TRAPEZOIDAL	1.15	3.58	0.60	5.41	1	5.27
ARDC13	TRAPEZOIDAL	1.48	5.88	0.77	6.93	1	12.87
ARDC14_Culvert600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.59
C1_1	T-C123	1.42	15.36	0.74	20.06	1	17.36
C1_2	T-C123	1.42	15.36	0.74	20.06	1	17.31
C10	T-C10	0.77	5.02	0.50	10.00	1	7.66
C103	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.50
C105	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.82
C113	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.98
C115	TRAPEZOIDAL	1.25	4.39	0.67	6.01	1	4.56
C116	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.90
C12_1	T-C249	1.59	13.94	0.60	23.00	1	14.67
C124	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	9.38
C128	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.74
C132	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.22
C134	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.39
C137	CIRCULAR	0.45	0.16	0.11	0.45	1	0.37
C138	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	7.72
C142	T-C142	1.38	13.82	0.67	20.00	1	1.97
C144	CIRCULAR	1.40	1.54	0.35	1.40	1	0.87
C145	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.96
C147	CIRCULAR	0.90	0.64	0.23	0.90	1	0.99
C153	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.56
C155	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.83
C156	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.49
C16	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.30
C163	CIRCULAR	0.45	0.16	0.11	0.45	1	0.16
C165	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	10.72
C167	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	11.11
C172	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	13.11
C176	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.40
C180	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.18
C186	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.37
C189	TRAPEZOIDAL	2.00	14.00	1.31	9.00	1	52.07
C190	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.99
C196	TRAPEZOIDAL	1.00	2.50	0.50	4.50	1	1.61
C199	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.13
C2	T-C2	0.65	4.00	0.40	10.00	1	3.79
C200	TRAPEZOIDAL	1.00	2.50	0.50	4.50	1	2.59
C202	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.32
C207	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.14
C213	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.39
C213_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.41
C213_3	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.42
C213_4	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.41
C214	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.33
C218	T-C218	0.82	3.77	0.37	10.00	1	2.30
C22	T-C22	0.73	4.30	0.43	10.01	1	9.91
C221	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.90
C223	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	13.51
C225	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.75
C226	TRAPEZOIDAL	1.00	7.50	0.64	11.50	1	7.94
C23	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.59
C230	CIRCULAR	0.60	0.28	0.15	0.60	1	0.49
C231_1	T-C231_1	1.56	20.53	0.68	30.00	1	29.74
C231_2	T-C231_2	1.70	13.84	0.52	27.00	1	17.53
C233	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.11
C234	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.03
C239	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.14
C24	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	18.49
C241	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	9.66
C245	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.98
C248	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.98
C25	T-C25	0.68	4.74	0.47	10.00	1	8.79
C251	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.02
C256	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.00
C259	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.33
C262	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.10
C263	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.85
C266	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	10.93
C267	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	12.78
C268	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	12.41
C27	CIRCULAR	0.85	0.57	0.21	0.85	2	0.57
C27_1	T-C27	0.45	2.91	0.36	8.00	1	3.22
C27_2	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	72.43
C271	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.46
C272	T-C272	1.61	13.00	0.61	28.13	1	20.68
C275	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.65
C276	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.06
C277	T-C277	0.44	1.73	0.17	10.01	1	0.98
C279	T-C279	1.50	12.03	0.56	20.89	1	15.32
C282	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.15
C283	T-C283	0.38	1.47	0.14	10.00	1	0.38
C284	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C285	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.38
C287	T-C287	1.59	16.12	0.66	23.02	1	11.20

C287_1	TRAPEZOIDAL	0.50	1.52	0.29	5.02	1	0.88
C287_2	TRAPEZOIDAL	0.69	2.61	0.39	6.54	1	1.82
C288	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	4.62
C289	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.94
C29	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.85
C291	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.98
C292	T-C292	1.68	15.29	0.63	22.48	1	17.89
C294	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	10.81
C296	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.00
C297_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.54
C299	T-C299	1.57	22.16	0.67	32.67	1	43.21
C3	TRAPEZOIDAL	0.50	1.25	0.27	4.50	1	0.57
C30	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.84
C300	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	12.64
C305	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.04
C308	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.70
C309	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.73
C31	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.92
C310_1	TRAPEZOIDAL	0.60	0.96	0.36	2.20	1	2.68
C310_2	T-C310	1.92	35.16	0.85	40.12	1	44.70
C311	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.04
C313	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.71
C314	T-C314	1.75	38.59	0.94	40.00	1	45.90
C319	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.59
C32	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.48
C320	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.16
C322	T-C322	1.57	38.31	0.91	40.00	1	5.40
C324	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.22
C326	T-C326	1.79	20.22	0.68	29.07	1	21.94
C327	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.25
C329	T-C329	1.90	36.27	0.87	40.03	1	29.01
C33	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	47.72
C331	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.74
C333	T-C333	1.64	25.80	0.61	40.01	1	25.58
C334	CIRCULAR	0.60	0.28	0.15	0.60	1	0.48
C335	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	11.48
C34	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	117.57
C340	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.45
C341	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.70
C346	T-C346	0.94	3.32	0.51	6.00	1	3.70
C35	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	103.39
C350	T-C350	1.14	8.76	0.65	12.75	1	9.66
C352	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	11.53
C353	T-C353	0.60	3.47	0.39	8.41	1	4.66
C355	TRAPEZOIDAL	0.77	3.13	0.43	7.15	1	1.03
C356	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.50
C359	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	13.99
C36	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	43.10
C361	CIRCULAR	0.40	0.13	0.10	0.40	1	0.11
C363	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.37
C365	T-C365	1.28	33.57	0.87	40.01	1	67.39
C367	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.42
C371	T-C371	1.18	31.19	0.78	40.00	1	81.49
C372	CIRCULAR	1.00	0.79	0.25	1.00	1	1.36
C374	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.70
C375	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.96
C376	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.38
C377	T-C377	1.19	26.61	0.65	40.00	1	19.26
C378	T-C378	0.41	6.39	0.29	22.00	1	4.21
C379	T-C379	0.32	3.68	0.17	22.05	1	2.07
C38	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	15.52
C381_1	T-C381	1.11	23.40	0.65	38.03	1	108.89
C381_2	T-C381	1.11	23.40	0.65	38.03	1	65.83
C384	T-C384	1.18	22.73	0.66	38.06	1	31.67
C385	T-C385	1.26	18.16	0.51	38.03	1	38.95
C388	CIRCULAR	1.25	1.23	0.31	1.25	1	1.53
C391	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	6.05
C397	T-C397	1.58	20.56	0.50	40.00	1	20.97
C398	T-C398	1.67	25.49	0.69	39.11	1	78.78
C399	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C4	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.62
C401	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.09
C403	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.37
C405	T-C405	2.18	24.99	0.70	37.63	1	55.68
C407	T-C407	1.30	22.49	0.63	38.08	1	8.69
C408	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.96
C409	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	6.30
C41	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.97
C413	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.59
C416	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	9.76
C42	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	19.32
C420	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.21
C423	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.84
C425	T-C425	1.05	22.96	0.56	40.01	1	7.04
C429	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.22
C43	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	86.49
C432	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.10
C433	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.46
C437	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.52
C439_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.50
C439_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.64
C44	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	4.34
C444_2	TRAPEZOIDAL	0.42	1.15	0.25	4.40	1	0.66
C445	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.89
C447	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.59
C448	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	4.96
C451	TRAPEZOIDAL	0.43	1.19	0.26	4.47	1	0.39
C452	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.23
C455	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.52
C457	T-C457	0.34	1.24	0.20	6.00	1	0.11
C460	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.45
C465	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.44
C466	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	3.80

C468	TRAPEZOIDAL	0.79	3.27	0.44	7.30	1	2.99
C469	TRAPEZOIDAL	0.78	3.24	0.43	7.27	1	2.38
C47	TRAPEZOIDAL	2.00	32.00	1.05	30.00	1	33.27
C472	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.56
C474	T-C474	0.68	8.08	0.40	19.98	1	2.07
C475	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.34
C478	TRAPEZOIDAL	0.80	3.37	0.44	7.42	1	1.92
C481	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.79
C485	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.74
C486	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.80
C49	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	13.40
C490	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.43
C491	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.59
C493	T-C493	0.76	4.30	0.42	10.01	1	1.57
C498	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	6.12
C499	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	7.66
C5	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.07
C50	T-C50	0.58	4.79	0.39	12.00	1	2.81
C505	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.78
C507	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.26
C513	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	8.14
C514	T-C514	0.53	3.25	0.32	10.00	1	1.80
C517	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.93
C518	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	9.85
C52	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.06
C520	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	20.94
C521	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.41
C522	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	7.79
C524	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.12
C525	T-C525	1.10	11.72	0.65	18.00	1	9.51
C525_3	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.18
C528	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.39
C53	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	5.36
C530	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	5.21
C535	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	19.46
C537_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.27
C537_3	TRAPEZOIDAL	1.00	8.00	0.65	12.00	1	6.34
C540	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.00
C541	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.56
C542	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.88
C543	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	0.97
C545	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.73
C546	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.28
C547	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.49
C548	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.15
C550	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.33
C551	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.22
C552	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.46
C553_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C553_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.01
C555	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.17
C556	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.27
C557	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.03
C558	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.11
C559	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.03
C560_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	13.49
C560_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.78
C561	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.21
C562	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.16
C569	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.84
C57	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	11.27
C575	T-C575	1.11	13.28	0.66	20.03	1	14.46
C58	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	6.40
C580	T-C580	0.92	10.71	0.59	18.01	1	27.35
C584	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	2.20
C586	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	6.28
C587_1	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.45
C6	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.34
C60	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.77
C600	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.29
C614_2	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.17
C615	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.09
C617	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	7.23
C62	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.83
C621	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	4.53
C622	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	7.03
C624	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	3.18
C63_1	T-C63	1.16	20.37	0.53	37.78	1	44.87
C66	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	8.86
C7	TRAPEZOIDAL	0.50	1.25	0.27	4.50	1	2.08
C7_1	T-C7_1	1.22	5.82	0.57	9.87	1	18.30
C7_2	T-C7_2	0.93	5.11	0.49	10.13	1	7.62
C70	CIRCULAR	1.00	0.79	0.25	1.00	1	3.44
C72	TRAPEZOIDAL	0.50	0.75	0.27	2.50	1	0.29
C78	T-C78	1.15	14.17	0.71	19.25	1	12.05
C80	CIRCULAR	0.40	0.13	0.10	0.40	1	0.23
C81	T-C81	0.47	2.57	0.25	10.00	1	2.72
C82	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	10.85
C85	TRAPEZOIDAL	1.00	5.00	0.54	9.00	1	1.87
C88	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	9.83
C9	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	3.00
C9_1	12	0.87	5.69	0.56	10.03	1	2.79
C9_2	9	0.82	4.30	0.42	10.02	1	3.58
C93	CIRCULAR	0.90	0.64	0.23	0.90	1	1.29
C96	TRAPEZOIDAL	1.00	8.50	0.62	13.50	1	15.25
DDC01_CULVERT_600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.14
DDC02	TRAPEZOIDAL	0.34	1.24	0.23	5.37	1	0.56
DDC03	TRAPEZOIDAL	0.35	1.33	0.24	5.54	1	0.58
DDC04	TRAPEZOIDAL	0.35	1.31	0.24	5.49	1	0.49
DDC05	TRAPEZOIDAL	0.37	1.42	0.25	5.70	1	0.50
DDC06	TRAPEZOIDAL	0.43	1.76	0.28	6.26	1	0.67
MD_AR_Culvert700mm	FILLED_CIRCULAR	0.60	0.35	0.16	0.70	1	0.28
PDC01	TRAPEZOIDAL	1.04	3.21	0.57	5.16	1	3.84

PDC02_CULVERT450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.09
PDC03	TRAPEZOIDAL	1.08	3.41	0.59	5.32	1	3.22
PDC04	TRAPEZOIDAL	1.09	3.48	0.59	5.37	1	3.29
PDC05	TRAPEZOIDAL	1.21	4.13	0.64	5.83	1	5.06
PDC06	TRAPEZOIDAL	1.22	4.21	0.65	5.89	1	1.57
PDC07	TRAPEZOIDAL	1.13	3.67	0.61	5.51	1	3.21
PDC08_CULVERT450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.17
PDC09	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	2.80

Transect Summary

Transect 1093

Area:

0.0002	0.0008	0.0018	0.0031	0.0049
0.0070	0.0095	0.0148	0.0238	0.0379
0.0545	0.0723	0.0913	0.1114	0.1319
0.1525	0.1733	0.1943	0.2155	0.2370
0.2587	0.2806	0.3027	0.3251	0.3478
0.3706	0.3937	0.4171	0.4406	0.4645
0.4885	0.5128	0.5374	0.5623	0.5874
0.6129	0.6385	0.6645	0.6907	0.7172
0.7440	0.7711	0.7985	0.8262	0.8543
0.8828	0.9116	0.9407	0.9702	1.0000

Hrad:

0.0149	0.0298	0.0447	0.0596	0.0744
0.0893	0.1042	0.0987	0.0942	0.0937
0.1086	0.1268	0.1460	0.1640	0.1926
0.2209	0.2489	0.2765	0.3033	0.3298
0.3560	0.3820	0.4078	0.4334	0.4587
0.4838	0.5087	0.5334	0.5579	0.5823
0.6058	0.6289	0.6518	0.6745	0.6970
0.7194	0.7416	0.7637	0.7857	0.8074
0.8291	0.8491	0.8683	0.8874	0.9064
0.9253	0.9441	0.9628	0.9814	1.0000

Width:

0.0130	0.0260	0.0389	0.0519	0.0649
0.0779	0.0908	0.2513	0.3739	0.5354
0.5744	0.6135	0.6525	0.6798	0.6855
0.6912	0.6968	0.7033	0.7112	0.7190
0.7269	0.7348	0.7427	0.7505	0.7584
0.7663	0.7742	0.7820	0.7899	0.7978
0.8065	0.8156	0.8247	0.8337	0.8428
0.8519	0.8610	0.8701	0.8792	0.8883
0.8973	0.9081	0.9196	0.9311	0.9426
0.9540	0.9655	0.9770	0.9885	1.0000

Transect 1094

Area:

0.0002	0.0007	0.0015	0.0026	0.0041
0.0059	0.0080	0.0104	0.0132	0.0163
0.0197	0.0249	0.0364	0.0524	0.0709
0.0905	0.1113	0.1332	0.1557	0.1784
0.2012	0.2242	0.2473	0.2706	0.2942
0.3183	0.3427	0.3675	0.3926	0.4181
0.4440	0.4703	0.4969	0.5238	0.5510
0.5785	0.6063	0.6345	0.6629	0.6916
0.7207	0.7501	0.7797	0.8098	0.8403
0.8713	0.9028	0.9347	0.9671	1.0000

Hrad:

0.0163	0.0326	0.0489	0.0652	0.0815
0.0978	0.1141	0.1304	0.1466	0.1629
0.1792	0.1811	0.1585	0.1493	0.1580
0.1733	0.1912	0.1965	0.2282	0.2598
0.2911	0.3223	0.3532	0.3813	0.4082
0.4349	0.4612	0.4872	0.5130	0.5385
0.5638	0.5888	0.6147	0.6407	0.6664
0.6920	0.7173	0.7425	0.7674	0.7922
0.8168	0.8413	0.8654	0.8849	0.9043
0.9236	0.9428	0.9619	0.9810	1.0000

Width:

0.0099	0.0197	0.0296	0.0394	0.0493
0.0591	0.0690	0.0789	0.0887	0.0986
0.1084	0.2688	0.4216	0.5409	0.5755
0.6100	0.6445	0.6781	0.6824	0.6867
0.6910	0.6953	0.6996	0.7092	0.7203
0.7315	0.7426	0.7538	0.7649	0.7761
0.7872	0.7984	0.8079	0.8172	0.8264
0.8357	0.8449	0.8542	0.8635	0.8727
0.8820	0.8912	0.9006	0.9148	0.9290
0.9432	0.9574	0.9716	0.9858	1.0000

Transect 1095

Area:

0.0002	0.0007	0.0017	0.0029	0.0046
0.0066	0.0090	0.0117	0.0149	0.0183
0.0222	0.0274	0.0402	0.0575	0.0763
0.0961	0.1170	0.1390	0.1619	0.1852
0.2088	0.2325	0.2565	0.2807	0.3051
0.3297	0.3545	0.3795	0.4048	0.4302
0.4559	0.4818	0.5080	0.5344	0.5611
0.5881	0.6154	0.6429	0.6708	0.6989
0.7273	0.7559	0.7849	0.8141	0.8439
0.8741	0.9048	0.9361	0.9678	1.0000

Hrad:

0.0161	0.0321	0.0482	0.0643	0.0803
0.0964	0.1125	0.1285	0.1446	0.1606
0.1767	0.1834	0.1576	0.1518	0.1616
0.1772	0.1952	0.2142	0.2266	0.2568
0.2868	0.3166	0.3461	0.3753	0.4043
0.4331	0.4617	0.4901	0.5182	0.5462

	0.4182	0.4395	0.4610	0.4826	0.5045
	0.5265	0.5487	0.5711	0.5938	0.6168
	0.6401	0.6636	0.6875	0.7116	0.7360
	0.7607	0.7857	0.8109	0.8365	0.8626
	0.8891	0.9161	0.9436	0.9715	1.0000
Hrad:					
	0.0148	0.0412	0.0680	0.0938	0.1189
	0.1433	0.1671	0.1902	0.2083	0.2191
	0.2305	0.2423	0.2544	0.2668	0.2910
	0.3170	0.3427	0.3682	0.3935	0.4187
	0.4436	0.4683	0.4929	0.5173	0.5415
	0.5655	0.5894	0.6131	0.6367	0.6601
	0.6833	0.7065	0.7266	0.7461	0.7654
	0.7846	0.8037	0.8227	0.8416	0.8604
	0.8791	0.8976	0.9161	0.9302	0.9415
	0.9530	0.9646	0.9763	0.9881	1.0000
Width:					
	0.3136	0.3563	0.3697	0.3830	0.3964
	0.4097	0.4231	0.4365	0.4601	0.5003
	0.5406	0.5808	0.6210	0.6612	0.6721
	0.6783	0.6845	0.6906	0.6968	0.7029
	0.7091	0.7153	0.7214	0.7276	0.7338
	0.7399	0.7461	0.7522	0.7584	0.7646
	0.7707	0.7769	0.7862	0.7961	0.8060
	0.8159	0.8258	0.8357	0.8455	0.8554
	0.8653	0.8752	0.8851	0.8992	0.9160
	0.9328	0.9496	0.9664	0.9832	1.0000

Transect T-C91

Area:					
	0.0002	0.0009	0.0021	0.0037	0.0058
	0.0084	0.0153	0.0281	0.0424	0.0577
	0.0740	0.0913	0.1096	0.1289	0.1486
	0.1685	0.1887	0.2090	0.2296	0.2503
	0.2713	0.2925	0.3140	0.3356	0.3575
	0.3795	0.4018	0.4243	0.4470	0.4699
	0.4931	0.5166	0.5405	0.5646	0.5891
	0.6139	0.6390	0.6644	0.6902	0.7163
	0.7427	0.7695	0.7967	0.8243	0.8523
	0.8807	0.9095	0.9386	0.9683	1.0000
Hrad:					
	0.0164	0.0327	0.0491	0.0654	0.0818
	0.0981	0.0839	0.0858	0.1041	0.1257
	0.1481	0.1705	0.1926	0.2165	0.2468
	0.2768	0.3066	0.3361	0.3653	0.3943
	0.4229	0.4514	0.4796	0.5075	0.5353
	0.5628	0.5901	0.6172	0.6440	0.6706
	0.6940	0.7173	0.7403	0.7632	0.7859
	0.8085	0.8309	0.8531	0.8752	0.8971
	0.9171	0.9365	0.9558	0.9750	0.9941
	1.0132	1.0322	1.0511	1.0438	1.0000
Width:					
	0.0141	0.0283	0.0424	0.0565	0.0706
	0.0848	0.3463	0.4190	0.4496	0.4802
	0.5108	0.5414	0.5720	0.5958	0.6025
	0.6090	0.6155	0.6220	0.6286	0.6351
	0.6416	0.6481	0.6546	0.6611	0.6677
	0.6742	0.6807	0.6872	0.6937	0.7003
	0.7101	0.7199	0.7296	0.7394	0.7491
	0.7589	0.7687	0.7784	0.7882	0.7979
	0.8094	0.8213	0.8332	0.8450	0.8569
	0.8688	0.8807	0.8926	0.9273	1.0000

Transect T-C93

Area:					
	0.0011	0.0043	0.0105	0.0198	0.0299
	0.0406	0.0520	0.0641	0.0794	0.0982
	0.1171	0.1361	0.1553	0.1747	0.1942
	0.2139	0.2338	0.2538	0.2739	0.2942
	0.3147	0.3353	0.3561	0.3770	0.3981
	0.4194	0.4408	0.4623	0.4841	0.5060
	0.5282	0.5506	0.5732	0.5961	0.6193
	0.6427	0.6663	0.6902	0.7143	0.7386
	0.7632	0.7881	0.8133	0.8388	0.8648
	0.8911	0.9177	0.9448	0.9722	1.0000
Hrad:					
	0.0142	0.0259	0.0367	0.0567	0.0803
	0.1027	0.1243	0.1450	0.1193	0.1462
	0.1729	0.1994	0.2257	0.2518	0.2776
	0.3033	0.3288	0.3541	0.3793	0.4042
	0.4290	0.4537	0.4781	0.5024	0.5266
	0.5505	0.5744	0.5981	0.6212	0.6422
	0.6631	0.6837	0.7043	0.7247	0.7450
	0.7651	0.7852	0.8051	0.8248	0.8445
	0.8640	0.8819	0.8968	0.9116	0.9264
	0.9411	0.9559	0.9706	0.9853	1.0000
Width:					
	0.0742	0.1650	0.2867	0.3492	0.3726
	0.3960	0.4195	0.4429	0.6671	0.6727
	0.6783	0.6839	0.6895	0.6951	0.7007
	0.7063	0.7119	0.7175	0.7231	0.7287
	0.7342	0.7398	0.7454	0.7510	0.7566
	0.7622	0.7678	0.7734	0.7795	0.7882
	0.7968	0.8055	0.8141	0.8228	0.8314
	0.8401	0.8487	0.8574	0.8660	0.8747
	0.8833	0.8936	0.9069	0.9202	0.9335
	0.9468	0.9601	0.9734	0.9867	1.0000

Transect T-C94

Area:					
	0.0002	0.0009	0.0020	0.0035	0.0055
	0.0079	0.0109	0.0157	0.0228	0.0361
	0.0517	0.0683	0.0862	0.1052	0.1251

	0.1452	0.1655	0.1860	0.2067	0.2277
	0.2490	0.2705	0.2922	0.3142	0.3364
	0.3589	0.3816	0.4046	0.4278	0.4513
	0.4750	0.4990	0.5233	0.5481	0.5732
	0.5987	0.6245	0.6508	0.6774	0.7044
	0.7317	0.7595	0.7877	0.8164	0.8455
	0.8750	0.9050	0.9354	0.9668	1.0000
Hrad:					
	0.0169	0.0338	0.0506	0.0675	0.0844
	0.1013	0.1158	0.1206	0.1197	0.1144
	0.1283	0.1472	0.1678	0.1888	0.2129
	0.2447	0.2761	0.3068	0.3370	0.3669
	0.3965	0.4258	0.4549	0.4836	0.5121
	0.5404	0.5684	0.5962	0.6237	0.6511
	0.6782	0.7017	0.7248	0.7478	0.7706
	0.7932	0.8157	0.8380	0.8602	0.8822
	0.9025	0.9223	0.9421	0.9617	0.9813
	1.0008	1.0202	1.0395	1.0189	1.0000
Width:					
	0.0129	0.0257	0.0386	0.0514	0.0643
	0.0771	0.1117	0.1702	0.2870	0.4393
	0.4733	0.5073	0.5413	0.5753	0.5876
	0.5934	0.5992	0.6062	0.6134	0.6206
	0.6278	0.6350	0.6422	0.6494	0.6566
	0.6638	0.6710	0.6782	0.6854	0.6926
	0.6998	0.7105	0.7215	0.7324	0.7433
	0.7542	0.7651	0.7760	0.7869	0.7978
	0.8102	0.8229	0.8357	0.8484	0.8612
	0.8739	0.8866	0.8994	0.9487	1.0000

Transect T-C97

Area:					
	0.0002	0.0009	0.0020	0.0035	0.0055
	0.0079	0.0108	0.0141	0.0178	0.0220
	0.0266	0.0316	0.0376	0.0449	0.0590
	0.0798	0.1031	0.1264	0.1499	0.1736
	0.1973	0.2213	0.2453	0.2696	0.2940
	0.3186	0.3435	0.3685	0.3939	0.4194
	0.4452	0.4712	0.4975	0.5239	0.5506
	0.5776	0.6047	0.6321	0.6597	0.6877
	0.7162	0.7453	0.7749	0.8051	0.8359
	0.8672	0.8993	0.9321	0.9657	1.0000
Hrad:					
	0.0172	0.0343	0.0515	0.0687	0.0858
	0.1030	0.1201	0.1373	0.1545	0.1716
	0.1888	0.2005	0.2003	0.2024	0.1870
	0.1199	0.1538	0.1875	0.2209	0.2541
	0.2872	0.3200	0.3527	0.3851	0.4161
	0.4467	0.4771	0.5073	0.5372	0.5668
	0.5963	0.6255	0.6546	0.6834	0.7120
	0.7404	0.7687	0.7967	0.8246	0.8441
	0.8623	0.8804	0.8986	0.9167	0.9347
	0.9492	0.9616	0.9742	0.9870	1.0000
Width:					
	0.0127	0.0253	0.0380	0.0506	0.0633
	0.0759	0.0886	0.1012	0.1139	0.1265
	0.1392	0.1561	0.1859	0.3287	0.4901
	0.6667	0.6709	0.6750	0.6792	0.6833
	0.6874	0.6916	0.6957	0.6999	0.7063
	0.7130	0.7196	0.7262	0.7329	0.7395
	0.7461	0.7528	0.7594	0.7660	0.7727
	0.7793	0.7859	0.7926	0.7992	0.8139
	0.8298	0.8458	0.8618	0.8778	0.8937
	0.9132	0.9349	0.9566	0.9783	1.0000

Analysis Options

Flow Units CMS
Process Models:
 Rainfall/Runoff YES
 RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing YES
 Ponding Allowed YES
 Water Quality NO
Infiltration Method CURVE_NUMBER
Flow Routing Method DYNWAVE
Surcharge Method EXTRAN
Starting Date 09/13/2025 00:00:00
Ending Date 09/17/2025 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:05:00
Dry Time Step 00:05:00
Routing Time Step 5.00 sec
Variable Time Step YES
Maximum Trials 8
Number of Threads 6
Head Tolerance 0.001500 m

	Volume	Depth
	hectare-m	mm
*****	-----	-----
Total Precipitation	13.460	48.757
Evaporation Loss	0.000	0.000
Infiltration Loss	10.010	36.260
Surface Runoff	3.108	11.260
Final Storage	0.346	1.253
Continuity Error (%)	-0.034	

```

*****
Flow Routing Continuity      Volume      Volume
                             hectare-m    10^6 ltr
*****
Dry Weather Inflow .....    0.000      0.000
Wet Weather Inflow .....    3.108     31.084
Groundwater Inflow .....    0.000      0.000
RDII Inflow .....          0.000      0.000
External Inflow .....       0.000      0.000
External Outflow .....      3.088     30.878
Flooding Loss .....         0.000      0.000
Evaporation Loss .....      0.000      0.000
Exfiltration Loss .....     0.000      0.000
Initial Stored Volume ....   0.146      1.457
Final Stored Volume .....   0.166      1.663
Continuity Error (%) .....  0.002

```

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*****
Highest Continuity Errors
*****
Node J12_1 (61.83%)
Node 15183 (6.25%)
Node 31727 (3.76%)
Node J9_1 (3.56%)
Node J43 (3.20%)

```

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*****
Time-Step Critical Elements
*****
Link C137 (23.30%)
Link PDC05 (3.08%)

```

```

*****
Highest Flow Instability Indexes
*****
Link C147 (7)
Link C27 (2)
Link C1_2 (1)

```

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*****
Most Frequent Nonconverging Nodes
*****
Convergence obtained at all time steps.

```

```

*****
Routing Time Step Summary
*****
Minimum Time Step      :    0.00 sec
Average Time Step      :    4.34 sec
Maximum Time Step      :    5.00 sec
% of Time in Steady State :    0.00
Average Iterations per Step :    2.00
% of Steps Not Converging :    0.00
Time Step Frequencies :
  5.000 - 3.155 sec    :   85.81 %
  3.155 - 1.991 sec    :    2.70 %
  1.991 - 1.256 sec    :    4.66 %
  1.256 - 0.792 sec    :    3.88 %
  0.792 - 0.500 sec    :    2.95 %

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*****
Subcatchment Runoff Summary
*****

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Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Imperv Runoff mm	Perv Runoff mm	Total Runoff mm	Total Runoff 10^6 ltr	Peak Runoff CMS	Runoff Coeff
S1	48.00	0.00	0.00	36.14	2.34	8.28	10.62	0.01	0.00	0.221
S10	48.00	0.00	0.00	35.83	2.34	8.60	10.94	0.04	0.00	0.228
S100	103.50	0.00	0.00	0.00	102.41	0.00	102.41	0.30	0.10	0.989
S101	48.00	0.00	0.00	36.44	2.35	7.96	10.31	0.03	0.00	0.215
S102	48.00	0.00	0.00	36.91	2.35	7.49	9.84	0.04	0.00	0.205
S103	48.00	0.00	0.00	36.64	2.35	7.78	10.12	0.07	0.01	0.211
S104	48.00	0.00	0.00	36.35	2.34	8.06	10.41	0.03	0.00	0.217
S105	103.50	0.00	0.00	0.00	102.44	0.00	102.44	0.10	0.04	0.990
S106	48.00	0.00	0.00	36.35	2.34	8.06	10.40	0.05	0.00	0.217
S107	48.00	0.00	0.00	37.52	2.35	6.88	9.23	0.08	0.01	0.192
S108	48.00	0.00	0.00	36.01	2.34	8.42	10.76	0.06	0.01	0.224
S109	48.00	0.00	0.00	37.18	2.35	7.22	9.57	0.06	0.01	0.199
S11	48.00	0.00	0.00	37.03	2.35	7.39	9.74	0.04	0.00	0.203
S110	103.50	0.00	0.00	0.00	102.63	0.00	102.63	0.05	0.02	0.992
S111	103.50	0.00	0.00	0.00	102.67	0.00	102.67	0.05	0.02	0.992
S112	48.00	0.00	0.00	35.76	2.34	8.66	11.00	0.03	0.00	0.229
S113	48.00	0.00	0.00	36.91	2.35	7.50	9.85	0.45	0.04	0.205
S113_2	48.00	0.00	0.00	36.66	2.35	7.75	10.09	0.19	0.02	0.210
S114	48.00	0.00	0.00	36.60	2.35	7.80	10.15	0.07	0.01	0.211
S114_3	48.00	0.00	0.00	6.24	35.65	5.04	40.69	0.08	0.03	0.848
S115	48.00	0.00	0.00	36.35	2.34	8.07	10.42	0.08	0.01	0.217
S116	48.00	0.00	0.00	36.10	2.34	8.32	10.66	0.05	0.01	0.222
S117	48.00	0.00	0.00	35.84	2.35	8.56	10.91	0.04	0.00	0.227
S118	48.00	0.00	0.00	37.23	2.35	7.19	9.54	0.03	0.00	0.199
S119	48.00	0.00	0.00	36.44	2.35	7.97	10.32	0.14	0.01	0.215
S12	48.00	0.00	0.00	37.12	2.35	7.29	9.64	0.05	0.00	0.201
S120	48.00	0.00	0.00	36.66	2.35	7.76	10.10	0.06	0.01	0.210

S121	48.00	0.00	0.00	36.80	2.35	7.61	9.95	0.05	0.00	0.207
S122	48.00	0.00	0.00	37.03	2.35	7.39	9.74	0.08	0.01	0.203
S123	48.00	0.00	0.00	36.37	2.35	8.04	10.39	0.15	0.01	0.216
S124	48.00	0.00	0.00	38.09	2.35	6.32	8.67	0.20	0.02	0.181
S124_1	48.00	0.00	0.00	8.49	35.65	2.79	38.44	0.03	0.01	0.801
S124_2	48.00	0.00	0.00	8.49	35.65	2.79	38.44	0.06	0.02	0.801
S125	48.00	0.00	0.00	36.94	2.35	7.48	9.83	0.07	0.01	0.205
S126	48.00	0.00	0.00	37.52	2.35	6.89	9.24	0.18	0.02	0.192
S127	48.00	0.00	0.00	36.42	2.34	7.99	10.33	0.07	0.01	0.215
S128	48.00	0.00	0.00	36.14	2.34	8.28	10.62	0.06	0.01	0.221
S129	48.00	0.00	0.00	37.66	2.35	6.74	9.09	0.10	0.01	0.189
S13	48.00	0.00	0.00	36.98	2.35	7.43	9.78	0.09	0.01	0.204
S130	48.00	0.00	0.00	37.25	2.35	7.15	9.50	0.10	0.01	0.198
S131	48.00	0.00	0.00	37.27	2.35	7.13	9.48	0.04	0.00	0.197
S132	48.00	0.00	0.00	36.28	2.34	8.13	10.48	0.16	0.02	0.218
S133	48.00	0.00	0.00	37.23	2.35	7.17	9.52	0.36	0.03	0.198
S134	48.00	0.00	0.00	36.44	2.34	7.98	10.32	0.11	0.01	0.215
S135	48.00	0.00	0.00	36.17	2.34	8.26	10.60	0.09	0.01	0.221
S136	48.00	0.00	0.00	36.84	2.35	7.56	9.91	0.27	0.02	0.206
S136_1	48.00	0.00	0.00	8.11	35.65	3.16	38.81	0.02	0.01	0.809
S136_2	48.00	0.00	0.00	8.11	35.65	3.16	38.81	0.03	0.01	0.809
S137	48.00	0.00	0.00	36.26	2.34	8.15	10.50	0.37	0.04	0.219
S138	48.00	0.00	0.00	36.28	2.34	8.13	10.48	0.03	0.00	0.218
S139	48.00	0.00	0.00	35.83	2.34	8.60	10.94	0.04	0.00	0.228
S14	48.00	0.00	0.00	36.21	2.34	8.19	10.53	0.05	0.00	0.219
S140	48.00	0.00	0.00	36.60	2.35	7.82	10.17	0.05	0.00	0.212
S141	48.00	0.00	0.00	37.68	2.35	6.72	9.08	0.08	0.01	0.189
S142	48.00	0.00	0.00	37.79	2.35	6.62	8.97	0.07	0.01	0.187
S143	48.00	0.00	0.00	37.86	2.35	6.55	8.90	0.03	0.00	0.185
S144	48.00	0.00	0.00	36.73	2.35	7.67	10.02	0.50	0.05	0.209
S145	48.00	0.00	0.00	37.09	2.35	7.31	9.65	0.45	0.04	0.201
S146	48.00	0.00	0.00	36.69	2.35	7.72	10.06	0.05	0.00	0.210
S147	48.00	0.00	0.00	36.80	2.35	7.60	9.95	0.12	0.01	0.207
S148	48.00	0.00	0.00	36.44	2.34	7.98	10.32	0.08	0.01	0.215
S149	48.00	0.00	0.00	36.66	2.35	7.74	10.09	0.34	0.03	0.210
S15	48.00	0.00	0.00	36.46	2.35	7.95	10.30	0.06	0.01	0.215
S150	48.00	0.00	0.00	35.78	2.34	8.63	10.98	0.03	0.00	0.229
S151	48.00	0.00	0.00	36.30	2.34	8.11	10.45	0.05	0.00	0.218
S152	48.00	0.00	0.00	37.57	2.35	6.84	9.19	0.08	0.01	0.192
S153	48.00	0.00	0.00	37.07	2.35	7.33	9.68	0.63	0.06	0.202
S154	48.00	0.00	0.00	36.64	2.35	7.76	10.11	0.07	0.01	0.211
S155	48.00	0.00	0.00	36.62	2.35	7.80	10.15	0.07	0.01	0.211
S156	48.00	0.00	0.00	36.82	2.35	7.58	9.93	0.30	0.03	0.207
S157	48.00	0.00	0.00	36.42	2.34	8.00	10.34	0.19	0.02	0.215
S158	48.00	0.00	0.00	37.66	2.35	6.76	9.11	0.09	0.01	0.190
S159	48.00	0.00	0.00	36.60	2.35	7.81	10.15	0.06	0.01	0.212
S16	48.00	0.00	0.00	35.92	2.34	8.50	10.84	0.09	0.01	0.226
S160	48.00	0.00	0.00	38.81	2.35	5.60	7.95	0.89	0.09	0.166
S161	48.00	0.00	0.00	36.39	2.34	8.03	10.37	0.01	0.00	0.216
S162	48.00	0.00	0.00	36.94	2.35	7.48	9.83	0.14	0.01	0.205
S163	48.00	0.00	0.00	36.53	2.35	7.87	10.22	0.03	0.00	0.213
S164	48.00	0.00	0.00	36.50	2.35	7.92	10.27	0.22	0.02	0.214
S165	48.00	0.00	0.00	36.39	2.34	8.02	10.36	0.16	0.01	0.216
S166	48.00	0.00	0.00	36.98	2.35	7.43	9.78	0.05	0.00	0.204
S167	48.00	0.00	0.00	36.73	2.35	7.68	10.02	0.04	0.00	0.209
S168	48.00	0.00	0.00	36.14	2.34	8.27	10.62	0.09	0.01	0.221
S168_1	48.00	0.00	0.00	37.23	2.35	7.17	9.52	0.01	0.00	0.198
S169	48.00	0.00	0.00	36.60	2.35	7.81	10.15	0.03	0.00	0.212
S17	48.00	0.00	0.00	37.68	2.35	6.73	9.08	0.06	0.01	0.189
S170	48.00	0.00	0.00	36.37	2.34	8.05	10.39	0.04	0.00	0.216
S171	48.00	0.00	0.00	35.37	2.34	9.05	11.39	0.06	0.01	0.237
S172	48.00	0.00	0.00	36.66	2.35	7.75	10.10	0.10	0.01	0.210
S173	48.00	0.00	0.00	36.87	2.35	7.55	9.90	0.24	0.02	0.206
S174	48.00	0.00	0.00	36.69	2.35	7.71	10.06	0.32	0.03	0.210
S175	48.00	0.00	0.00	36.30	2.34	8.10	10.44	0.06	0.01	0.218
S176	48.00	0.00	0.00	34.43	2.34	9.99	12.33	0.08	0.01	0.257
S177	48.00	0.00	0.00	36.10	2.34	8.32	10.66	0.03	0.00	0.222
S178	48.00	0.00	0.00	37.97	2.35	6.43	8.78	0.36	0.03	0.183
S179	48.00	0.00	0.00	36.33	2.34	8.09	10.44	0.06	0.01	0.217
S18	48.00	0.00	0.00	36.53	2.35	7.88	10.22	0.06	0.01	0.213
S180	48.00	0.00	0.00	37.25	2.35	7.15	9.50	0.41	0.04	0.198
S181	48.00	0.00	0.00	36.12	2.34	8.28	10.63	0.11	0.01	0.221
S182	48.00	0.00	0.00	36.96	2.35	7.44	9.79	0.35	0.03	0.204
S183	48.00	0.00	0.00	36.03	2.34	8.38	10.72	0.03	0.00	0.223
S184	48.00	0.00	0.00	36.89	2.35	7.51	9.86	0.06	0.01	0.205
S185	48.00	0.00	0.00	36.19	2.34	8.23	10.58	0.03	0.00	0.220
S186	48.00	0.00	0.00	37.59	2.35	6.81	9.16	0.08	0.01	0.191
S187	48.00	0.00	0.00	37.09	2.35	7.31	9.66	0.34	0.03	0.201
S19	48.00	0.00	0.00	37.61	2.35	6.79	9.14	0.06	0.01	0.191
S190	48.00	0.00	0.00	36.91	2.35	7.49	9.84	0.04	0.00	0.205
S195	48.00	0.00	0.00	36.51	2.35	7.91	10.26	0.03	0.00	0.214
S197	48.00	0.00	0.00	36.37	2.34	8.03	10.37	0.03	0.00	0.216
S2	48.00	0.00	0.00	36.78	2.35	7.63	9.98	0.03	0.00	0.208
S20	48.00	0.00	0.00	36.19	2.34	8.23	10.57	0.04	0.00	0.220
S202	48.00	0.00	0.00	37.93	2.35	6.47	8.82	0.11	0.01	0.184
S207	48.00	0.00	0.00	36.42	2.34	7.99	10.33	0.03	0.00	0.215
S21	48.00	0.00	0.00	36.30	2.34	8.11	10.45	0.04	0.00	0.218
S210	48.00	0.00	0.00	36.14	2.34	8.27	10.62	0.05	0.01	0.221
S214	48.00	0.00	0.00	35.90	2.34	8.52	10.86	0.02	0.00	0.226
S215	48.00	0.00	0.00	36.19	2.34	8.23	10.57	0.05	0.01	0.220
S219	48.00	0.00	0.00	36.37	2.34	8.05	10.39	0.03	0.00	0.217
S22	48.00	0.00	0.00	36.21	2.34	8.19	10.54	0.05	0.01	0.220
S221_1	48.00	0.00	0.00	36.64	2.35	7.76	10.11	0.00	0.00	0.211
S223_1	48.00	0.00	0.00	36.39	2.34	8.01	10.35	0.03	0.00	0.216
S224	48.00	0.00	0.00	37.07	2.35	7.34	9.69	0.06	0.01	0.202
S225	48.00	0.00	0.00	39.72	2.35	4.70	7.05	0.05	0.01	0.147
S23	48.00	0.00	0.00	36.96	2.35	7.45	9.80	0.07	0.01	0.204
S234_2	48.00	0.00	0.00	36.91	2.35	7.50	9.85	0.03	0.00	0.205
S24	48.00	0.00	0.00	35.60	2.34	8.84	11.18	0.02	0.00	0.233
S241	48.00	0.00	0.00	36.37	2.34	8.04	10.38	0.10	0.01	0.216
S242	48.00	0.00	0.00	36.55	2.35	7.87	10.21	0.18	0.02	0.213
S247_2	48.00	0.00	0.00	36.82	2.35	7.59	9.94	0.06	0.01	0.207
S25	48.00	0.00	0.00	36.10	2.34	8.31	10.65	0.04	0.00	0.222

S26	48.00	0.00	0.00	36.14	2.34	8.27	10.62	0.03	0.00	0.221
S260_2	48.00	0.00	0.00	36.75	2.35	7.66	10.01	0.06	0.01	0.209
S262	48.00	0.00	0.00	36.33	2.34	8.08	10.42	0.05	0.00	0.217
S268	48.00	0.00	0.00	35.87	2.34	8.54	10.88	0.04	0.00	0.227
S269_1	48.00	0.00	0.00	36.10	2.34	8.32	10.66	0.05	0.01	0.222
S27	48.00	0.00	0.00	36.46	2.35	7.94	10.29	0.05	0.00	0.214
S272	48.00	0.00	0.00	36.26	2.34	8.16	10.50	0.06	0.01	0.219
S276	48.00	0.00	0.00	36.17	2.34	8.24	10.58	0.04	0.00	0.220
S278_2	48.00	0.00	0.00	37.82	2.35	6.58	8.93	0.03	0.00	0.186
S28	48.00	0.00	0.00	39.31	2.35	5.10	7.45	0.03	0.00	0.155
S285	48.00	0.00	0.00	37.25	2.35	7.16	9.51	0.04	0.00	0.198
S288	48.00	0.00	0.00	37.05	2.35	7.36	9.71	0.10	0.01	0.202
S29	48.00	0.00	0.00	36.03	2.34	8.38	10.72	0.07	0.01	0.223
S291	48.00	0.00	0.00	36.35	2.34	8.07	10.41	0.04	0.00	0.217
S3	48.00	0.00	0.00	37.39	2.35	7.02	9.37	0.47	0.04	0.195
S30	48.00	0.00	0.00	36.89	2.35	7.52	9.87	0.04	0.00	0.206
S300_1	48.00	0.00	0.00	36.55	2.35	7.85	10.20	0.03	0.00	0.213
S301	48.00	0.00	0.00	36.39	2.34	8.02	10.37	0.05	0.00	0.216
S307	48.00	0.00	0.00	36.48	2.35	7.93	10.28	0.06	0.01	0.214
S309	48.00	0.00	0.00	35.99	2.34	8.43	10.77	0.05	0.01	0.224
S31	48.00	0.00	0.00	36.57	2.35	7.84	10.18	0.04	0.00	0.212
S310	48.00	0.00	0.00	35.99	2.34	8.44	10.78	0.01	0.00	0.225
S313	48.00	0.00	0.00	36.80	2.35	7.60	9.95	0.05	0.00	0.207
S314	48.00	0.00	0.00	36.12	2.34	8.30	10.64	0.03	0.00	0.222
S315	48.00	0.00	0.00	37.32	2.35	7.08	9.43	0.08	0.01	0.197
S316	48.00	0.00	0.00	37.36	2.35	7.04	9.39	0.03	0.00	0.196
S317	48.00	0.00	0.00	36.35	2.34	8.07	10.41	0.03	0.00	0.217
S32	48.00	0.00	0.00	37.12	2.35	7.29	9.64	0.08	0.01	0.201
S324_3	48.00	0.00	0.00	35.67	2.34	8.76	11.10	0.01	0.00	0.231
S33	48.00	0.00	0.00	36.91	2.35	7.49	9.84	0.07	0.01	0.205
S330	48.00	0.00	0.00	37.09	2.35	7.32	9.67	0.08	0.01	0.201
S334_1	48.00	0.00	0.00	37.18	2.35	7.22	9.57	0.02	0.00	0.199
S335	48.00	0.00	0.00	36.84	2.35	7.57	9.92	0.09	0.01	0.207
S336	48.00	0.00	0.00	36.08	2.34	8.35	10.69	0.07	0.01	0.223
S339	48.00	0.00	0.00	36.17	2.34	8.26	10.60	0.02	0.00	0.221
S34	48.00	0.00	0.00	36.84	2.35	7.56	9.91	0.04	0.00	0.207
S340	48.00	0.00	0.00	35.74	2.34	8.69	11.03	0.01	0.00	0.230
S341	48.00	0.00	0.00	36.10	2.34	8.32	10.66	0.05	0.00	0.222
S345	48.00	0.00	0.00	36.01	2.34	8.41	10.75	0.04	0.00	0.224
S35	48.00	0.00	0.00	36.82	2.35	7.58	9.93	0.04	0.00	0.207
S355	48.00	0.00	0.00	35.87	2.34	8.54	10.88	0.04	0.01	0.227
S357	48.00	0.00	0.00	36.39	2.34	8.02	10.37	0.03	0.00	0.216
S36	48.00	0.00	0.00	36.60	2.35	7.81	10.16	0.06	0.01	0.212
S362	48.00	0.00	0.00	37.30	2.35	7.12	9.47	0.03	0.00	0.197
S365	48.00	0.00	0.00	36.98	2.35	7.42	9.77	0.04	0.00	0.204
S368	48.00	0.00	0.00	35.85	2.34	8.57	10.91	0.03	0.00	0.227
S37	48.00	0.00	0.00	36.62	2.35	7.78	10.13	0.06	0.01	0.211
S372	48.00	0.00	0.00	36.46	2.35	7.95	10.30	0.07	0.01	0.215
S375	48.00	0.00	0.00	36.57	2.35	7.83	10.17	0.03	0.00	0.212
S38	48.00	0.00	0.00	36.53	2.35	7.88	10.22	0.06	0.01	0.213
S384	48.00	0.00	0.00	36.14	2.34	8.27	10.61	0.09	0.01	0.221
S39	48.00	0.00	0.00	37.52	2.35	6.88	9.23	0.05	0.00	0.192
S391	48.00	0.00	0.00	37.68	2.35	6.72	9.08	0.06	0.01	0.189
S392	48.00	0.00	0.00	36.87	2.35	7.53	9.88	0.09	0.01	0.206
S395	48.00	0.00	0.00	41.61	2.35	2.78	5.13	0.03	0.00	0.107
S397	48.00	0.00	0.00	36.01	2.34	8.40	10.74	0.05	0.01	0.224
S398	48.00	0.00	0.00	36.03	2.34	8.39	10.73	0.06	0.01	0.224
S399	48.00	0.00	0.00	39.38	2.35	5.04	7.39	0.11	0.01	0.154
S4	48.00	0.00	0.00	36.26	2.34	8.15	10.49	0.11	0.01	0.219
S40	48.00	0.00	0.00	36.96	2.35	7.44	9.79	0.04	0.00	0.204
S403	48.00	0.00	0.00	36.30	2.34	8.11	10.45	0.05	0.00	0.218
S405	48.00	0.00	0.00	35.60	2.34	8.84	11.18	0.01	0.00	0.233
S406	48.00	0.00	0.00	37.03	2.35	7.39	9.73	0.05	0.01	0.203
S408	48.00	0.00	0.00	36.26	2.34	8.15	10.50	0.05	0.01	0.219
S409	48.00	0.00	0.00	35.85	2.34	8.57	10.92	0.01	0.00	0.227
S41	48.00	0.00	0.00	38.22	2.35	6.18	8.53	0.09	0.01	0.178
S411	48.00	0.00	0.00	36.71	2.35	7.71	10.06	0.06	0.01	0.209
S417	48.00	0.00	0.00	36.55	2.35	7.86	10.21	0.07	0.01	0.213
S419	48.00	0.00	0.00	35.99	2.34	8.43	10.77	0.08	0.01	0.224
S42	48.00	0.00	0.00	36.87	2.35	7.53	9.88	0.07	0.01	0.206
S421	48.00	0.00	0.00	36.33	2.34	8.09	10.43	0.07	0.01	0.217
S428	48.00	0.00	0.00	36.80	2.35	7.61	9.96	0.04	0.00	0.208
S429	48.00	0.00	0.00	36.23	2.34	8.18	10.52	0.05	0.00	0.219
S43	48.00	0.00	0.00	36.82	2.35	7.59	9.94	0.12	0.01	0.207
S431	48.00	0.00	0.00	36.55	2.35	7.85	10.19	0.05	0.00	0.212
S437	48.00	0.00	0.00	37.18	2.35	7.23	9.58	0.06	0.01	0.200
S439	48.00	0.00	0.00	36.46	2.35	7.95	10.30	0.04	0.00	0.215
S44	48.00	0.00	0.00	36.80	2.35	7.61	9.96	0.07	0.01	0.208
S443	48.00	0.00	0.00	37.75	2.35	6.65	9.00	0.03	0.00	0.188
S446	48.00	0.00	0.00	37.21	2.35	7.20	9.55	0.04	0.00	0.199
S447	48.00	0.00	0.00	36.30	2.34	8.11	10.45	0.07	0.01	0.218
S448	48.00	0.00	0.00	36.30	2.34	8.10	10.44	0.04	0.00	0.218
S45	48.00	0.00	0.00	35.74	2.34	8.68	11.02	0.01	0.00	0.230
S458	48.00	0.00	0.00	36.87	2.35	7.54	9.89	0.06	0.01	0.206
S46	48.00	0.00	0.00	37.43	2.35	6.98	9.33	0.03	0.00	0.194
S469	48.00	0.00	0.00	36.84	2.35	7.57	9.91	0.05	0.00	0.207
S47	48.00	0.00	0.00	37.46	2.35	6.95	9.30	0.06	0.01	0.194
S476	48.00	0.00	0.00	36.46	2.35	7.94	10.29	0.05	0.00	0.214
S478	48.00	0.00	0.00	37.30	2.35	7.11	9.46	0.10	0.01	0.197
S479	48.00	0.00	0.00	36.21	2.34	8.21	10.55	0.03	0.00	0.220
S48	48.00	0.00	0.00	36.21	2.34	8.20	10.54	0.06	0.01	0.220
S481	48.00	0.00	0.00	37.82	2.35	6.60	8.95	0.05	0.01	0.186
S487	48.00	0.00	0.00	36.17	2.34	8.26	10.60	0.05	0.00	0.221
S49	48.00	0.00	0.00	36.17	2.34	8.26	10.60	0.03	0.00	0.221
S492	48.00	0.00	0.00	36.30	2.34	8.10	10.45	0.06	0.01	0.218
S493	48.00	0.00	0.00	36.62	2.35	7.79	10.14	0.09	0.01	0.211
S494	48.00	0.00	0.00	36.14	2.34	8.28	10.62	0.08	0.01	0.221
S497	48.00	0.00	0.00	36.30	2.34	8.12	10.46	0.04	0.00	0.218
S499	48.00	0.00	0.00	36.89	2.35	7.51	9.86	0.03	0.00	0.205
S5	48.00	0.00	0.00	37.25	2.35	7.16	9.51	0.33	0.03	0.198
S50	48.00	0.00	0.00	37.84	2.35	6.58	8.93	0.04	0.00	0.186
S503	48.00	0.00	0.00	37.50	2.35	6.91	9.27	0.06	0.01	0.193
S504_2	48.00	0.00	0.00	39.49	2.35	4.91	7.26	0.02	0.00	0.151

S506	48.00	0.00	0.00	36.64	2.35	7.76	10.10	0.06	0.01	0.210
S51	48.00	0.00	0.00	37.03	2.35	7.38	9.72	0.07	0.01	0.203
S513	48.00	0.00	0.00	36.71	2.35	7.70	10.04	0.07	0.01	0.209
S514_3	48.00	0.00	0.00	38.29	2.35	6.12	8.47	0.01	0.00	0.177
S516	48.00	0.00	0.00	36.80	2.35	7.60	9.95	0.04	0.00	0.207
S517	48.00	0.00	0.00	36.10	2.34	8.32	10.67	0.07	0.01	0.222
S518	48.00	0.00	0.00	36.82	2.35	7.59	9.94	0.04	0.00	0.207
S52	48.00	0.00	0.00	36.73	2.35	7.68	10.03	0.05	0.00	0.209
S520	48.00	0.00	0.00	36.33	2.34	8.09	10.43	0.04	0.00	0.217
S522	48.00	0.00	0.00	36.28	2.34	8.12	10.47	0.02	0.00	0.218
S528	48.00	0.00	0.00	36.87	2.35	7.53	9.88	0.04	0.00	0.206
S53	48.00	0.00	0.00	35.96	2.34	8.45	10.80	0.04	0.00	0.225
S536	48.00	0.00	0.00	38.20	2.35	6.22	8.57	0.09	0.01	0.179
S538	48.00	0.00	0.00	35.85	2.34	8.56	10.90	0.10	0.01	0.227
S539	48.00	0.00	0.00	37.88	2.35	6.52	8.87	0.07	0.01	0.185
S54	48.00	0.00	0.00	36.39	2.34	8.02	10.36	0.06	0.01	0.216
S540	48.00	0.00	0.00	37.75	2.35	6.66	9.01	0.05	0.01	0.188
S547	48.00	0.00	0.00	37.25	2.35	7.15	9.50	0.06	0.01	0.198
S549	48.00	0.00	0.00	38.00	2.35	6.41	8.76	0.05	0.00	0.183
S55	48.00	0.00	0.00	36.91	2.35	7.48	9.83	0.04	0.00	0.205
S552	48.00	0.00	0.00	36.71	2.35	7.70	10.04	0.03	0.00	0.209
S553	48.00	0.00	0.00	36.69	2.35	7.73	10.08	0.05	0.00	0.210
S56	48.00	0.00	0.00	37.43	2.35	6.98	9.33	0.06	0.01	0.194
S560	48.00	0.00	0.00	37.57	2.35	6.83	9.18	0.04	0.00	0.191
S562	48.00	0.00	0.00	36.39	2.34	8.02	10.37	0.03	0.00	0.216
S566	48.00	0.00	0.00	37.09	2.35	7.31	9.65	0.05	0.00	0.201
S57	48.00	0.00	0.00	36.17	2.34	8.24	10.58	0.03	0.00	0.221
S58	48.00	0.00	0.00	35.92	2.34	8.49	10.83	0.04	0.00	0.226
S585	48.00	0.00	0.00	41.03	2.35	3.37	5.72	0.03	0.00	0.119
S59	48.00	0.00	0.00	36.98	2.35	7.43	9.78	0.04	0.00	0.204
S590	48.00	0.00	0.00	37.05	2.35	7.36	9.71	0.03	0.00	0.202
S594	48.00	0.00	0.00	38.07	2.35	6.35	8.70	0.06	0.01	0.181
S6	48.00	0.00	0.00	37.32	2.35	7.08	9.43	0.05	0.00	0.196
S60	48.00	0.00	0.00	36.44	2.35	7.97	10.32	0.08	0.01	0.215
S61	48.00	0.00	0.00	37.64	2.35	6.76	9.11	0.11	0.01	0.190
S617	48.00	0.00	0.00	36.17	2.34	8.23	10.58	0.04	0.00	0.220
S62	48.00	0.00	0.00	37.36	2.35	7.04	9.39	0.08	0.01	0.196
S627	48.00	0.00	0.00	37.66	2.35	6.74	9.09	0.04	0.00	0.189
S63	48.00	0.00	0.00	36.57	2.35	7.83	10.17	0.06	0.01	0.212
S634	48.00	0.00	0.00	36.82	2.35	7.58	9.93	0.05	0.00	0.207
S64	48.00	0.00	0.00	37.09	2.35	7.30	9.65	0.03	0.00	0.201
S65	48.00	0.00	0.00	37.27	2.35	7.13	9.48	0.13	0.01	0.197
S658	48.00	5.03	0.00	37.18	2.60	12.01	14.61	0.11	0.01	0.275
S66	48.00	0.00	0.00	36.60	2.35	7.82	10.17	0.08	0.01	0.212
S665	48.00	0.00	0.00	36.42	2.34	8.00	10.34	0.02	0.00	0.215
S67	48.00	0.00	0.00	35.15	2.34	9.28	11.63	0.05	0.01	0.242
S68	48.00	0.00	0.00	36.57	2.35	7.83	10.18	0.04	0.00	0.212
S682_1	48.00	0.00	0.00	35.81	2.34	8.61	10.95	0.02	0.00	0.228
S689	48.00	0.00	0.00	36.94	2.35	7.47	9.81	0.04	0.00	0.204
S69	48.00	0.00	0.00	36.57	2.35	7.84	10.19	0.07	0.01	0.212
S7	48.00	0.00	0.00	37.18	2.35	7.23	9.58	0.15	0.01	0.200
S70	48.00	0.00	0.00	36.57	2.35	7.84	10.19	0.03	0.00	0.212
S71	48.00	0.00	0.00	37.36	2.35	7.04	9.39	0.06	0.01	0.196
S72	48.00	0.00	0.00	36.98	2.35	7.43	9.78	0.07	0.01	0.204
S73	48.00	0.00	0.00	35.83	2.34	8.59	10.93	0.49	0.06	0.228
S73_2	48.00	0.00	0.00	35.83	2.34	8.59	10.93	0.87	0.11	0.228
S74	48.00	0.00	0.00	36.19	2.34	8.23	10.57	0.05	0.01	0.220
S745	48.00	0.00	0.00	36.53	2.35	7.89	10.23	0.03	0.00	0.213
S75	48.00	0.00	0.00	36.75	2.35	7.65	9.99	0.06	0.01	0.208
S76	48.00	0.00	0.00	36.26	2.34	8.14	10.49	0.02	0.00	0.218
S764	48.00	0.00	0.00	37.16	2.35	7.24	9.59	0.02	0.00	0.200
S765_2	48.00	0.00	0.00	35.62	2.34	8.82	11.16	0.01	0.00	0.233
S765_4	48.00	0.00	0.00	35.62	2.34	8.82	11.16	0.04	0.01	0.233
S769	48.00	0.00	0.00	36.33	2.34	8.08	10.42	0.04	0.00	0.217
S77	48.00	0.00	0.00	35.96	2.34	8.45	10.79	0.02	0.00	0.225
S78	48.00	0.00	0.00	36.96	2.35	7.44	9.79	0.11	0.01	0.204
S79	48.00	0.00	0.00	38.29	2.35	6.12	8.48	0.04	0.00	0.177
S8	48.00	0.00	0.00	36.30	2.34	8.10	10.44	0.05	0.01	0.218
S80	48.00	0.00	0.00	35.92	2.34	8.51	10.85	0.44	0.05	0.226
S807	48.00	0.00	0.00	36.51	2.35	7.90	10.24	0.06	0.01	0.213
S81	48.00	0.00	0.00	36.89	2.35	7.51	9.86	0.11	0.01	0.205
S81_1	48.00	0.00	0.00	36.35	2.34	8.07	10.42	0.06	0.01	0.217
S82	48.00	0.00	0.00	35.81	2.34	8.62	10.96	0.06	0.01	0.228
S83	48.00	0.00	0.00	36.23	2.34	8.18	10.52	0.19	0.02	0.219
S84	48.00	0.00	0.00	36.78	2.35	7.64	9.98	0.08	0.01	0.208
S85	48.00	0.00	0.00	36.64	2.35	7.76	10.11	0.03	0.00	0.211
S86	48.00	0.00	0.00	36.51	2.35	7.91	10.26	0.06	0.01	0.214
S87	48.00	0.00	0.00	37.52	2.35	6.89	9.24	0.32	0.03	0.193
S88	48.00	0.00	0.00	35.78	2.34	8.65	10.99	0.08	0.01	0.229
S89	48.00	0.00	0.00	36.66	2.35	7.74	10.09	0.06	0.01	0.210
S892_2	103.50	0.00	0.00	0.00	102.71	0.00	102.71	0.50	0.17	0.992
S893_2	103.50	0.00	0.00	0.00	102.71	0.00	102.71	0.61	0.20	0.992
S894_3	103.50	0.00	0.00	0.00	102.71	0.00	102.71	0.18	0.06	0.992
S896_2	103.50	0.00	0.00	0.00	102.71	0.00	102.71	0.44	0.14	0.992
S897_2	103.50	0.00	0.00	0.00	102.71	0.00	102.71	0.38	0.12	0.992
S898	103.50	0.00	0.00	0.00	102.33	0.00	102.33	0.04	0.01	0.989
S899	103.50	0.00	0.00	8.39	78.10	16.23	94.33	0.02	0.01	0.911
S9	48.00	0.00	0.00	36.33	2.34	8.09	10.43	0.05	0.01	0.217
S90	48.00	0.00	0.00	36.78	2.35	7.64	9.99	0.14	0.01	0.208
S900	103.50	0.00	0.00	8.40	78.14	16.20	94.34	0.11	0.04	0.912
S901_2	103.50	0.00	0.00	0.00	102.71	0.00	102.71	0.42	0.14	0.992
S902	103.50	0.00	0.00	8.40	78.14	16.20	94.34	0.13	0.05	0.912
S903	103.50	0.00	0.00	8.40	78.14	16.20	94.34	0.16	0.06	0.912
S904_3	103.50	0.00	0.00	0.00	102.71	0.00	102.71	0.28	0.09	0.992
S905_2	103.50	0.00	0.00	0.00	102.78	0.00	102.78	0.05	0.02	0.993
S908_3	103.50	77.64	0.00	0.00	180.15	0.00	180.15	0.04	0.02	0.995
S91	48.00	0.00	0.00	36.39	2.34	8.02	10.37	0.04	0.00	0.216
S910_2	48.00	0.00	0.00	6.40	35.65	4.88	40.53	0.08	0.03	0.844
S911_2	48.00	0.00	0.00	6.40	35.65	4.88	40.53	0.06	0.02	0.844
S912_3	48.00	0.00	0.00	6.40	35.65	4.88	40.53	0.05	0.02	0.844
S915_2	48.00	0.00	0.00	6.40	35.65	4.88	40.53	0.07	0.02	0.844
S916_2	48.00	0.00	0.00	6.40	35.65	4.88	40.53	0.08	0.03	0.844
S92	48.00	0.00	0.00	37.93	2.35	6.49	8.84	0.08	0.01	0.184

S93	48.00	0.00	0.00	37.09	2.35	7.32	9.67	0.11	0.01	0.202
S94	48.00	0.00	0.00	36.40	2.34	8.01	10.35	0.04	0.00	0.216
S95	48.00	0.00	0.00	36.28	2.34	8.14	10.48	0.11	0.01	0.218
S96	48.00	0.00	0.00	36.35	2.34	8.07	10.41	0.05	0.00	0.217
S97	48.00	0.00	0.00	36.60	2.35	7.80	10.15	0.03	0.00	0.211
S98	48.00	0.00	0.00	35.90	2.34	8.52	10.86	0.02	0.00	0.226
S99	48.00	0.00	0.00	36.75	2.35	7.66	10.01	0.06	0.01	0.208

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
15017	JUNCTION	0.05	0.09	95.50	0 13:30	0.09
15023	JUNCTION	0.02	0.06	95.50	0 13:31	0.06
15115	JUNCTION	0.02	0.08	96.10	0 12:11	0.08
15169	JUNCTION	0.00	0.00	95.50	0 00:00	0.00
15183	JUNCTION	0.05	0.09	95.50	0 13:31	0.09
15526	JUNCTION	0.01	0.03	95.41	0 13:33	0.03
15536	JUNCTION	0.01	0.05	95.32	0 13:39	0.05
16468	JUNCTION	0.01	0.05	96.28	0 12:00	0.05
16472	JUNCTION	0.00	0.00	96.77	0 00:00	0.00
16496	JUNCTION	0.01	0.07	96.34	0 12:00	0.07
16553	JUNCTION	0.00	0.00	96.37	0 00:00	0.00
16555	JUNCTION	0.00	0.00	96.79	0 00:00	0.00
16576	JUNCTION	0.00	0.00	96.48	0 00:00	0.00
16611	JUNCTION	0.01	0.05	96.45	0 12:00	0.05
16639	JUNCTION	0.01	0.04	96.21	0 12:01	0.04
16641	JUNCTION	0.00	0.00	96.41	0 00:00	0.00
16677	JUNCTION	0.04	0.17	96.09	0 13:26	0.17
16797	JUNCTION	0.02	0.08	96.67	0 12:24	0.08
16799	JUNCTION	0.00	0.00	97.10	0 00:00	0.00
16815	JUNCTION	0.01	0.07	96.76	0 12:16	0.07
16874	JUNCTION	0.02	0.06	97.00	0 12:15	0.06
16876	JUNCTION	0.00	0.00	97.44	0 00:00	0.00
16902	JUNCTION	0.01	0.06	97.08	0 12:14	0.06
17000	JUNCTION	0.02	0.07	97.30	0 12:07	0.07
17050	JUNCTION	0.02	0.12	97.43	0 12:06	0.12
17077	JUNCTION	0.00	0.00	97.47	0 00:00	0.00
17111	JUNCTION	0.00	0.00	97.14	0 00:00	0.00
17114	JUNCTION	0.00	0.00	98.13	0 00:00	0.00
17125	JUNCTION	0.00	0.00	97.51	0 00:00	0.00
17181	JUNCTION	0.00	0.00	97.98	0 00:00	0.00
17189	JUNCTION	0.00	0.00	97.80	0 00:00	0.00
17196	JUNCTION	0.00	0.00	98.42	0 00:00	0.00
17316	JUNCTION	0.01	0.06	94.91	0 12:01	0.06
30259	JUNCTION	0.04	0.18	92.31	0 12:33	0.18
30475	JUNCTION	0.06	0.23	93.07	0 13:00	0.23
30654	JUNCTION	0.00	0.00	93.32	0 00:00	0.00
30690	JUNCTION	0.00	0.03	93.27	0 12:00	0.03
30703	JUNCTION	0.01	0.07	93.07	0 12:01	0.07
30723	JUNCTION	0.01	0.09	93.06	0 13:05	0.09
30741	JUNCTION	0.02	0.14	93.06	0 13:05	0.14
30776	JUNCTION	0.10	0.38	93.06	0 13:36	0.38
30790	JUNCTION	0.01	0.05	93.09	0 12:05	0.05
30821	JUNCTION	0.02	0.11	93.29	0 12:03	0.11
30846	JUNCTION	0.01	0.03	93.54	0 12:00	0.03
30874	JUNCTION	0.00	0.00	94.14	0 00:00	0.00
30901	JUNCTION	0.00	0.00	95.23	0 00:00	0.00
30961	JUNCTION	0.02	0.08	93.86	0 12:02	0.08
31055	JUNCTION	0.03	0.10	93.45	0 12:06	0.10
31056	JUNCTION	0.00	0.00	94.36	0 00:00	0.00
31282	JUNCTION	0.13	0.25	93.76	0 14:05	0.25
31294	JUNCTION	0.06	0.18	93.76	0 14:04	0.18
31330	JUNCTION	0.05	0.17	93.77	0 14:17	0.17
31346	JUNCTION	0.06	0.18	93.77	0 14:17	0.18
31478	JUNCTION	0.04	0.15	93.77	0 14:23	0.15
31499	JUNCTION	0.04	0.14	93.77	0 14:22	0.14
31616	JUNCTION	0.04	0.18	93.75	0 12:03	0.18
31659	JUNCTION	0.12	0.38	93.20	0 15:01	0.38
31679	JUNCTION	0.06	0.22	93.46	0 15:04	0.22
31692	JUNCTION	0.16	0.42	93.60	0 15:04	0.42
31717	JUNCTION	0.14	0.41	93.60	0 15:03	0.41
31727	JUNCTION	0.09	0.12	94.55	0 12:13	0.12
31735	JUNCTION	0.01	0.08	94.61	0 12:03	0.08
33074	JUNCTION	0.01	0.03	94.55	0 12:13	0.03
33088	JUNCTION	0.01	0.05	94.21	0 12:21	0.05
33102	JUNCTION	0.01	0.05	94.18	0 12:14	0.05
33116	JUNCTION	0.02	0.07	94.12	0 12:41	0.07
33130	JUNCTION	0.00	0.01	93.94	0 12:42	0.01
33147	JUNCTION	0.04	0.15	93.83	0 15:02	0.15
33161	JUNCTION	0.05	0.17	93.74	0 15:02	0.17
35248	JUNCTION	0.01	0.07	96.15	0 12:03	0.07
35262	JUNCTION	0.02	0.09	96.21	0 12:02	0.09
ARDJ01	JUNCTION	0.04	0.11	97.94	0 17:29	0.11
ARDJ02	JUNCTION	0.04	0.12	97.90	0 17:28	0.12
ARDJ03	JUNCTION	0.04	0.12	97.85	0 17:28	0.12
ARDJ04	JUNCTION	0.04	0.15	97.69	0 12:00	0.15
ARDJ05	JUNCTION	0.04	0.16	97.61	0 12:00	0.16
ARDJ06	JUNCTION	0.04	0.19	97.47	0 12:01	0.19
ARDJ07	JUNCTION	0.05	0.22	97.27	0 12:01	0.22
ARDJ08	JUNCTION	0.04	0.20	97.19	0 12:02	0.20
ARDJ09	JUNCTION	0.05	0.23	96.82	0 12:03	0.23
ARDJ10	JUNCTION	0.05	0.24	96.56	0 12:04	0.24
ARDJ11	JUNCTION	0.05	0.24	96.32	0 12:06	0.24
ARDJ12	JUNCTION	0.04	0.20	96.05	0 12:03	0.20
ARDJ13	JUNCTION	0.03	0.14	95.64	0 12:04	0.14
ARDJ14	JUNCTION	0.04	0.19	95.55	0 12:03	0.19

DDJ01	JUNCTION	0.03	0.16	95.63	0	12:02	0.16
DDJ02	JUNCTION	0.01	0.07	95.50	0	12:03	0.07
DDJ03	JUNCTION	0.01	0.07	95.45	0	12:04	0.07
DDJ04	JUNCTION	0.01	0.08	95.41	0	12:07	0.08
DDJ05	JUNCTION	0.01	0.09	95.33	0	12:11	0.09
DDJ06	JUNCTION	0.01	0.09	95.26	0	12:25	0.09
J1	JUNCTION	0.00	0.05	93.75	0	12:03	0.05
J100	JUNCTION	0.00	0.04	98.42	0	12:01	0.04
J1010	JUNCTION	0.06	0.24	93.94	0	13:25	0.24
J102	JUNCTION	0.00	0.03	98.28	0	12:01	0.03
J1036	JUNCTION	0.05	0.17	93.68	0	12:23	0.17
J109	JUNCTION	0.00	0.04	98.39	0	12:03	0.04
J11	JUNCTION	0.04	0.18	95.85	0	13:33	0.18
J112	JUNCTION	0.00	0.03	97.57	0	12:00	0.03
J114	JUNCTION	0.00	0.02	97.68	0	12:08	0.02
J1142	JUNCTION	0.02	0.11	93.59	0	12:02	0.11
J116	JUNCTION	0.00	0.03	96.49	0	12:00	0.03
J12_1	JUNCTION	0.00	0.00	96.33	0	12:03	0.00
J1209	JUNCTION	0.07	0.28	94.96	0	15:00	0.28
J1210	JUNCTION	0.01	0.06	97.44	0	12:02	0.06
J1213	JUNCTION	0.03	0.11	94.91	0	12:04	0.11
J1216	JUNCTION	0.02	0.09	96.74	0	13:48	0.09
J1219	JUNCTION	0.03	0.13	96.32	0	13:22	0.13
J1222	JUNCTION	0.01	0.05	96.03	0	12:30	0.05
J1225	JUNCTION	0.02	0.08	98.31	0	13:30	0.08
J1227	JUNCTION	0.01	0.07	98.57	0	12:03	0.07
J1229	JUNCTION	0.01	0.06	97.25	0	13:08	0.06
J1231	JUNCTION	0.03	0.15	97.59	0	12:41	0.15
J1232	JUNCTION	0.01	0.08	96.89	0	12:03	0.08
J1233	JUNCTION	0.12	0.30	93.10	0	14:52	0.30
J124	JUNCTION	0.00	0.01	97.68	0	12:01	0.01
J1240	JUNCTION	0.03	0.17	94.87	0	13:04	0.17
J1241	JUNCTION	0.03	0.14	95.32	0	14:37	0.14
J1249	JUNCTION	0.06	0.25	95.05	0	14:50	0.25
J1254	JUNCTION	0.02	0.11	96.85	0	13:39	0.11
J1258	JUNCTION	0.00	0.02	96.18	0	12:02	0.02
J1259	JUNCTION	0.01	0.07	95.61	0	12:17	0.07
J126	JUNCTION	0.03	0.12	97.43	0	12:50	0.12
J1260	JUNCTION	0.02	0.16	95.68	0	12:00	0.16
J1268	JUNCTION	0.03	0.15	95.35	0	12:47	0.15
J1270	JUNCTION	0.05	0.23	95.21	0	14:41	0.23
J1272	JUNCTION	0.04	0.21	93.89	0	12:03	0.21
J1273	JUNCTION	0.04	0.20	97.03	0	13:12	0.20
J1276	JUNCTION	0.01	0.13	93.91	0	12:00	0.13
J1277	JUNCTION	0.01	0.07	97.25	0	12:23	0.07
J1278	JUNCTION	0.05	0.22	94.28	0	13:17	0.22
J1279	JUNCTION	0.01	0.05	97.50	0	12:23	0.05
J1280	JUNCTION	0.01	0.07	97.32	0	12:14	0.07
J1294	JUNCTION	0.02	0.10	97.12	0	13:29	0.10
J1299	JUNCTION	0.01	0.08	95.22	0	12:02	0.08
J13	JUNCTION	0.02	0.11	98.35	0	12:00	0.11
J1300	JUNCTION	0.06	0.12	97.29	0	12:14	0.12
J1301	JUNCTION	0.05	0.25	95.86	0	14:32	0.25
J1306	JUNCTION	0.01	0.04	97.56	0	12:10	0.04
J1308	JUNCTION	0.01	0.07	94.88	0	12:02	0.07
J1314	JUNCTION	0.02	0.10	95.94	0	12:05	0.10
J1318	JUNCTION	0.05	0.23	95.59	0	12:34	0.23
J1322	JUNCTION	0.01	0.07	94.02	0	12:00	0.07
J1324	JUNCTION	0.03	0.16	97.71	0	12:34	0.16
J1325	JUNCTION	0.03	0.20	93.89	0	12:03	0.20
J1329	JUNCTION	0.06	0.25	94.83	0	13:06	0.25
J1330	JUNCTION	0.02	0.09	93.62	0	12:27	0.09
J1331	JUNCTION	0.03	0.17	94.76	0	12:22	0.17
J1332	JUNCTION	0.03	0.14	95.96	0	13:37	0.14
J1334	JUNCTION	0.02	0.09	94.56	0	14:07	0.09
J1335	JUNCTION	0.03	0.12	93.26	0	12:35	0.12
J1338	JUNCTION	0.02	0.12	97.20	0	13:08	0.12
J1344	JUNCTION	0.07	0.27	97.01	0	13:14	0.27
J1348	JUNCTION	0.06	0.23	94.67	0	13:07	0.23
J135	JUNCTION	0.00	0.01	97.18	0	12:03	0.01
J1352	JUNCTION	0.06	0.26	93.44	0	13:34	0.26
J1355	JUNCTION	0.04	0.17	94.72	0	15:00	0.17
J138	JUNCTION	0.01	0.03	98.50	0	12:08	0.03
J140	JUNCTION	0.01	0.03	98.33	0	12:23	0.03
J142	JUNCTION	0.03	0.14	96.79	0	13:20	0.14
J15	JUNCTION	0.01	0.05	96.40	0	12:02	0.05
J153	JUNCTION	0.00	0.04	97.10	0	12:04	0.04
J159	JUNCTION	0.01	0.06	96.85	0	13:38	0.06
J161	JUNCTION	0.00	0.02	97.76	0	12:00	0.02
J165	JUNCTION	0.01	0.05	96.59	0	12:01	0.05
J167	JUNCTION	0.00	0.02	97.53	0	12:01	0.02
J169	JUNCTION	0.02	0.09	97.08	0	13:37	0.09
J17	JUNCTION	0.08	0.18	98.35	0	13:03	0.18
J172	JUNCTION	0.00	0.02	96.78	0	12:01	0.02
J18	JUNCTION	0.01	0.12	95.22	0	05:28	0.12
J19	JUNCTION	0.01	0.12	93.38	0	12:02	0.12
J199	JUNCTION	0.00	0.01	97.56	0	12:05	0.01
J2	JUNCTION	0.06	0.23	94.12	0	15:01	0.23
J20	JUNCTION	0.04	0.13	98.35	0	12:01	0.13
J205	JUNCTION	0.05	0.14	97.14	0	13:25	0.14
J209	JUNCTION	0.02	0.10	96.43	0	13:51	0.10
J217	JUNCTION	0.00	0.04	97.28	0	12:01	0.04
J219	JUNCTION	0.01	0.05	97.44	0	12:42	0.05
J221	JUNCTION	0.13	0.31	95.36	0	13:44	0.31
J225	JUNCTION	0.02	0.05	97.28	0	12:01	0.05
J229	JUNCTION	0.01	0.06	96.45	0	12:00	0.06
J23	JUNCTION	0.14	0.23	98.34	0	13:05	0.23
J241	JUNCTION	0.00	0.03	96.41	0	12:04	0.03
J254	JUNCTION	0.00	0.03	97.13	0	12:00	0.03
J273	JUNCTION	0.01	0.06	97.19	0	12:01	0.06
J275	JUNCTION	0.01	0.04	96.20	0	12:12	0.04
J28	JUNCTION	0.05	0.14	98.34	0	13:06	0.14
J283	JUNCTION	0.02	0.10	96.21	0	13:58	0.10

J294	JUNCTION	0.02	0.08	96.28	0	13:53	0.08
J299	JUNCTION	0.00	0.03	96.11	0	12:03	0.03
J3	JUNCTION	0.31	0.43	93.84	0	15:01	0.43
J30	JUNCTION	0.01	0.06	97.69	0	12:00	0.06
J304	JUNCTION	0.01	0.06	96.03	0	12:00	0.06
J319	JUNCTION	0.02	0.09	95.97	0	13:38	0.09
J32	JUNCTION	0.08	0.16	98.34	0	13:07	0.16
J329	JUNCTION	0.00	0.03	95.19	0	12:00	0.03
J35	JUNCTION	0.20	0.30	98.34	0	13:07	0.30
J355	JUNCTION	0.00	0.02	94.32	0	14:07	0.02
J36	JUNCTION	0.01	0.06	93.48	0	12:04	0.06
J360	JUNCTION	0.00	0.03	95.94	0	12:00	0.03
J362	JUNCTION	0.01	0.06	96.35	0	12:08	0.06
J37	JUNCTION	0.01	0.08	99.00	0	12:00	0.08
J372	JUNCTION	0.01	0.06	96.64	0	12:05	0.06
J384	JUNCTION	0.01	0.07	94.93	0	12:03	0.07
J39	JUNCTION	0.01	0.05	97.83	0	12:02	0.05
J392	JUNCTION	0.00	0.04	95.38	0	12:00	0.04
J394	JUNCTION	0.00	0.04	95.18	0	12:00	0.04
J396	JUNCTION	0.01	0.05	95.05	0	12:01	0.05
J398	JUNCTION	0.02	0.15	95.86	0	14:32	0.15
J41	JUNCTION	0.00	0.04	98.14	0	12:00	0.04
J419	JUNCTION	0.02	0.10	95.99	0	12:09	0.10
J43	JUNCTION	0.26	0.33	98.31	0	13:30	0.33
J433	JUNCTION	0.01	0.07	95.77	0	12:00	0.07
J443	JUNCTION	0.02	0.14	95.80	0	11:53	0.14
J447	JUNCTION	0.00	0.04	95.44	0	12:00	0.04
J449	JUNCTION	0.02	0.12	94.86	0	12:12	0.12
J451	JUNCTION	0.01	0.08	95.33	0	12:01	0.08
J453	JUNCTION	0.01	0.06	94.87	0	12:04	0.06
J455	JUNCTION	0.02	0.09	95.65	0	12:05	0.09
J458	JUNCTION	0.02	0.17	95.67	0	12:01	0.17
J46	JUNCTION	0.01	0.07	95.73	0	12:00	0.07
J462	JUNCTION	0.04	0.16	94.73	0	14:49	0.16
J467	JUNCTION	0.01	0.10	95.37	0	12:00	0.10
J47	JUNCTION	0.00	0.01	95.76	0	12:11	0.01
J472	JUNCTION	0.01	0.10	95.37	0	12:00	0.10
J475	JUNCTION	0.01	0.10	95.26	0	12:02	0.10
J479	JUNCTION	0.12	0.25	94.86	0	12:11	0.25
J48	JUNCTION	0.01	0.07	97.51	0	12:01	0.07
J491	JUNCTION	0.06	0.19	94.81	0	12:29	0.19
J50	JUNCTION	0.02	0.15	94.85	0	12:13	0.15
J51	JUNCTION	0.04	0.19	95.77	0	13:35	0.19
J52	JUNCTION	0.01	0.07	98.67	0	12:07	0.07
J523	JUNCTION	0.05	0.17	94.60	0	12:39	0.17
J525	JUNCTION	0.04	0.20	95.60	0	12:33	0.20
J54	JUNCTION	0.02	0.08	97.44	0	12:02	0.08
J55	JUNCTION	0.08	0.25	95.35	0	12:23	0.25
J56	JUNCTION	0.01	0.06	97.46	0	12:07	0.06
J562	JUNCTION	0.09	0.35	94.92	0	15:05	0.35
J57	JUNCTION	0.00	0.00	95.59	0	00:00	0.00
J576	JUNCTION	0.02	0.15	95.21	0	14:41	0.15
J58	JUNCTION	0.01	0.06	93.77	0	14:20	0.06
J580	JUNCTION	0.00	0.03	94.52	0	12:01	0.03
J584	JUNCTION	0.03	0.16	95.43	0	12:34	0.16
J59	JUNCTION	0.01	0.08	98.97	0	12:00	0.08
J596	JUNCTION	0.01	0.09	95.37	0	12:00	0.09
J598	JUNCTION	0.04	0.20	94.12	0	15:01	0.20
J602	JUNCTION	0.00	0.02	95.24	0	12:03	0.02
J61	JUNCTION	0.00	0.03	98.65	0	12:01	0.03
J611	JUNCTION	0.00	0.04	95.17	0	12:00	0.04
J623	JUNCTION	0.01	0.08	95.11	0	12:00	0.08
J63	JUNCTION	0.02	0.08	97.44	0	12:02	0.08
J633	JUNCTION	0.09	0.23	93.87	0	15:02	0.23
J644	JUNCTION	0.00	0.04	95.01	0	12:02	0.04
J646	JUNCTION	0.01	0.06	95.05	0	12:02	0.06
J650	JUNCTION	0.05	0.21	95.07	0	12:58	0.21
J658	JUNCTION	0.01	0.08	95.10	0	12:02	0.08
J66	JUNCTION	0.00	0.02	98.99	0	12:00	0.02
J660	JUNCTION	0.01	0.06	95.05	0	12:03	0.06
J664	JUNCTION	0.01	0.07	95.06	0	12:04	0.07
J668	JUNCTION	0.02	0.10	94.06	0	12:13	0.10
J673	JUNCTION	0.25	0.38	93.85	0	15:01	0.38
J676	JUNCTION	0.03	0.14	94.92	0	13:02	0.14
J68	JUNCTION	0.01	0.06	97.73	0	12:00	0.06
J684	JUNCTION	0.01	0.05	95.01	0	12:02	0.05
J686	JUNCTION	0.02	0.10	94.96	0	12:00	0.10
J693	JUNCTION	0.04	0.17	95.04	0	13:00	0.17
J70	JUNCTION	0.04	0.19	95.65	0	13:41	0.19
J703	JUNCTION	0.01	0.05	94.99	0	13:10	0.05
J710	JUNCTION	0.01	0.04	94.42	0	12:03	0.04
J712	JUNCTION	0.04	0.17	95.01	0	13:00	0.17
J718	JUNCTION	0.01	0.05	94.98	0	13:24	0.05
J72	JUNCTION	0.01	0.08	98.20	0	12:09	0.08
J728	JUNCTION	0.01	0.07	94.94	0	12:00	0.07
J744	JUNCTION	0.01	0.10	94.60	0	12:05	0.10
J746	JUNCTION	0.01	0.09	94.69	0	12:04	0.09
J748	JUNCTION	0.02	0.12	94.66	0	12:04	0.12
J75	JUNCTION	0.01	0.08	97.72	0	12:34	0.08
J757	JUNCTION	0.01	0.10	94.83	0	12:01	0.10
J76	JUNCTION	0.15	0.33	95.74	0	14:34	0.33
J761	JUNCTION	0.02	0.11	94.94	0	12:03	0.11
J77	JUNCTION	0.01	0.05	97.45	0	12:00	0.05
J777	JUNCTION	0.05	0.24	94.84	0	13:05	0.24
J779	JUNCTION	0.01	0.04	94.96	0	12:02	0.04
J797	JUNCTION	0.01	0.09	94.80	0	12:02	0.09
J803	JUNCTION	0.01	0.10	94.37	0	12:00	0.10
J81	JUNCTION	0.16	0.38	95.86	0	14:32	0.38
J82	JUNCTION	0.00	0.02	100.51	0	12:03	0.02
J834	JUNCTION	0.04	0.13	94.93	0	12:09	0.13
J84	JUNCTION	0.00	0.02	98.36	0	11:51	0.02
J86	JUNCTION	0.03	0.19	97.01	0	13:14	0.19
J87	JUNCTION	0.03	0.14	94.99	0	12:53	0.14

J88	JUNCTION	0.03	0.13	96.88	0	13:19	0.13
J9	JUNCTION	0.06	0.15	98.35	0	12:02	0.15
J9_1	JUNCTION	0.00	0.04	96.34	0	12:00	0.04
J90	JUNCTION	0.01	0.05	97.28	0	12:16	0.05
J92	JUNCTION	0.00	0.01	101.19	0	12:00	0.01
J923	JUNCTION	0.01	0.11	94.23	0	12:02	0.11
J925	JUNCTION	0.02	0.09	94.56	0	14:12	0.09
J929	JUNCTION	0.02	0.11	94.55	0	12:04	0.11
J95	JUNCTION	0.00	0.03	97.26	0	11:53	0.03
J954	JUNCTION	0.00	0.00	94.70	0	00:00	0.00
J964	JUNCTION	0.02	0.08	94.56	0	14:04	0.08
Mesure_point	JUNCTION	0.04	0.17	95.12	0	12:44	0.17
NOF1_1	JUNCTION	0.08	0.30	92.49	0	12:33	0.30
PDJ01	JUNCTION	0.09	0.38	96.43	0	12:00	0.38
PDJ02	JUNCTION	0.10	0.42	96.43	0	12:00	0.42
PDJ03	JUNCTION	0.10	0.41	96.41	0	12:00	0.41
PDJ04	JUNCTION	0.12	0.44	96.40	0	12:00	0.44
PDJ05	JUNCTION	0.16	0.55	96.40	0	16:11	0.55
PDJ06	JUNCTION	0.18	0.60	96.40	0	16:11	0.60
PDJ07	JUNCTION	0.17	0.58	96.40	0	16:11	0.58
PDJ08	JUNCTION	0.13	0.49	96.41	0	12:00	0.49
PDJ09	JUNCTION	0.12	0.55	96.52	0	12:00	0.55
PDJ10	JUNCTION	0.08	0.44	96.52	0	12:00	0.44
NOF1	OUTFALL	0.02	0.13	92.13	0	12:33	0.13
NOF2	OUTFALL	0.02	0.10	93.10	0	12:06	0.10
Outfall_A	OUTFALL	0.07	0.29	92.93	0	13:36	0.29
Outfall_B	OUTFALL	0.06	0.17	92.97	0	14:52	0.17
POND	STORAGE	1.34	2.00	96.40	0	16:12	2.00

Node Inflow Summary

Node	Type	Maximum Lateral Inflow CMS	Maximum Total Inflow CMS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent
15017	JUNCTION	0.003	0.003	0 12:00	0.0298	0.0418	1.573
15023	JUNCTION	0.000	0.002	0 12:00	0	0.0404	0.230
15115	JUNCTION	0.000	0.010	0 12:04	0	0.132	0.200
15169	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
15183	JUNCTION	0.001	0.001	0 11:51	0.0121	0.0128	6.671
15526	JUNCTION	0.000	0.001	0 13:32	0	0.0403	-0.004
15536	JUNCTION	0.000	0.001	0 13:33	0	0.0403	0.320
16468	JUNCTION	0.000	0.006	0 12:00	0	0.0713	-0.032
16472	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16496	JUNCTION	0.007	0.007	0 12:00	0.0714	0.072	-0.021
16553	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16555	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16576	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16611	JUNCTION	0.006	0.006	0 12:00	0.0602	0.0602	-0.002
16639	JUNCTION	0.000	0.006	0 12:00	0	0.0602	-0.581
16641	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16677	JUNCTION	0.002	0.104	0 13:20	0.0258	3.34	0.016
16797	JUNCTION	0.000	0.014	0 12:16	0	0.244	-0.025
16799	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16815	JUNCTION	0.000	0.014	0 12:15	0	0.244	0.006
16874	JUNCTION	0.000	0.014	0 12:14	0	0.244	-0.004
16876	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
16902	JUNCTION	0.000	0.014	0 12:11	0	0.244	0.047
17000	JUNCTION	0.004	0.014	0 12:06	0.0342	0.244	0.003
17050	JUNCTION	0.000	0.018	0 12:01	0	0.21	0.061
17077	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17111	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17114	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17125	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17181	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17189	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17196	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
17316	JUNCTION	0.008	0.008	0 12:00	0.0896	0.13	-0.025
30259	JUNCTION	0.000	0.107	0 12:33	0	2.46	0.038
30475	JUNCTION	0.034	0.088	0 12:00	0.363	1.6	0.339
30654	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
30690	JUNCTION	0.020	0.020	0 12:00	0.204	0.204	-0.014
30703	JUNCTION	0.000	0.020	0 12:00	0	0.204	-0.016
30723	JUNCTION	0.000	0.018	0 12:01	0	0.208	-0.017
30741	JUNCTION	0.006	0.022	0 12:04	0.0645	0.277	0.023
30776	JUNCTION	0.017	0.260	0 13:31	0.18	9.29	0.079
30790	JUNCTION	0.000	0.057	0 12:04	0	1.03	-0.015
30821	JUNCTION	0.019	0.059	0 12:01	0.19	1.03	-0.003
30846	JUNCTION	0.009	0.009	0 12:00	0.102	0.102	-0.007
30874	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
30901	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
30961	JUNCTION	0.044	0.044	0 12:00	0.466	0.466	0.001
31055	JUNCTION	0.036	0.090	0 12:00	0.372	2.44	0.019
31056	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
31282	JUNCTION	0.031	0.033	0 12:00	0.328	0.878	0.738
31294	JUNCTION	0.030	0.065	0 12:00	0.315	1.62	0.285
31330	JUNCTION	0.000	0.025	0 12:02	0	0.263	-0.039
31346	JUNCTION	0.004	0.038	0 12:00	0.044	0.581	0.049
31478	JUNCTION	0.002	0.017	0 12:00	0.0216	0.169	0.443
31499	JUNCTION	0.020	0.021	0 12:00	0.22	0.221	0.233
31616	JUNCTION	0.001	0.060	0 12:00	0.0111	0.752	-0.034
31659	JUNCTION	0.011	0.236	0 15:03	0.116	8.73	0.010
31679	JUNCTION	0.000	0.215	0 15:04	0	7.87	0.001
31692	JUNCTION	0.000	0.215	0 15:03	0	7.87	0.006
31717	JUNCTION	0.000	0.215	0 15:02	0	7.87	0.011
31727	JUNCTION	0.000	0.009	0 12:03	0	0.185	3.907
31735	JUNCTION	0.005	0.012	0 12:00	0.0543	0.184	0.057
33074	JUNCTION	0.000	0.007	0 12:07	0	0.178	0.534

33088	JUNCTION	0.000	0.007	0	12:13	0	0.176	0.044
33102	JUNCTION	0.000	0.006	0	12:15	0	0.176	-0.258
33116	JUNCTION	0.000	0.008	0	12:16	0	0.177	0.330
33130	JUNCTION	0.000	0.006	0	12:42	0	0.176	0.011
33147	JUNCTION	0.000	0.215	0	15:01	0	7.87	0.005
33161	JUNCTION	0.000	0.215	0	15:02	0	7.87	-0.000
35248	JUNCTION	0.000	0.006	0	12:03	0	0.0713	0.028
35262	JUNCTION	0.000	0.006	0	12:00	0	0.0714	0.038
ARDJ01	JUNCTION	0.000	0.025	0	17:20	0	2.75	-0.002
ARDJ02	JUNCTION	0.011	0.026	0	17:21	0.0291	2.77	0.001
ARDJ03	JUNCTION	0.009	0.025	0	17:31	0.0238	2.8	-0.005
ARDJ04	JUNCTION	0.029	0.048	0	12:00	0.0803	2.88	0.005
ARDJ05	JUNCTION	0.000	0.047	0	12:00	0	2.88	-0.010
ARDJ06	JUNCTION	0.025	0.071	0	12:00	0.0676	2.95	0.006
ARDJ07	JUNCTION	0.031	0.095	0	12:00	0.084	3.03	0.005
ARDJ08	JUNCTION	0.000	0.090	0	12:00	0	3.03	-0.016
ARDJ09	JUNCTION	0.029	0.109	0	12:00	0.08	3.11	0.006
ARDJ10	JUNCTION	0.024	0.111	0	12:01	0.0647	3.17	-0.000
ARDJ11	JUNCTION	0.019	0.112	0	12:02	0.0528	3.23	0.010
ARDJ12	JUNCTION	0.021	0.112	0	12:02	0.0592	3.29	-0.001
ARDJ13	JUNCTION	0.000	0.111	0	12:04	0	3.29	0.001
ARDJ14	JUNCTION	0.009	0.127	0	12:02	0.0252	3.6	-0.000
DDJ01	JUNCTION	0.000	0.032	0	12:01	0	0.43	0.003
DDJ02	JUNCTION	0.000	0.032	0	12:02	0	0.43	-0.006
DDJ03	JUNCTION	0.000	0.032	0	12:03	0	0.43	-0.001
DDJ04	JUNCTION	0.007	0.034	0	12:03	0.0613	0.491	-0.005
DDJ05	JUNCTION	0.008	0.034	0	12:07	0.0899	0.581	-0.009
DDJ06	JUNCTION	0.016	0.040	0	12:13	0.136	0.717	0.099
J1	JUNCTION	0.000	0.014	0	11:51	0	0.0891	-0.501
J100	JUNCTION	0.006	0.027	0	12:00	0.0592	0.311	-0.002
J1010	JUNCTION	0.022	0.175	0	13:17	0.242	6.09	-0.015
J102	JUNCTION	0.006	0.016	0	12:00	0.0674	0.171	-0.016
J1036	JUNCTION	0.015	0.056	0	12:00	0.157	1.34	0.274
J109	JUNCTION	0.008	0.033	0	12:00	0.0791	0.39	-0.024
J11	JUNCTION	0.000	0.108	0	13:27	0	3.5	0.026
J112	JUNCTION	0.018	0.018	0	12:00	0.187	0.187	-0.040
J114	JUNCTION	0.003	0.015	0	12:01	0.0344	0.205	0.014
J1142	JUNCTION	0.041	0.041	0	12:00	0.449	0.449	-0.208
J116	JUNCTION	0.016	0.016	0	12:00	0.167	0.167	-0.008
J12_1	JUNCTION	0.000	0.000	0	12:00	0	1.56e-05	9.638 ltr
J1209	JUNCTION	0.012	0.144	0	14:46	0.132	5.07	0.003
J1210	JUNCTION	0.003	0.014	0	12:00	0.0292	0.158	-0.103
J1213	JUNCTION	0.006	0.027	0	12:00	0.0515	0.346	0.348
J1216	JUNCTION	0.008	0.091	0	13:40	0.0863	2.88	0.006
J1219	JUNCTION	0.006	0.094	0	13:20	0.0548	3.01	-0.003
J1222	JUNCTION	0.013	0.030	0	12:00	0.137	0.624	0.001
J1225	JUNCTION	0.004	0.026	0	12:43	0.0452	0.761	0.018
J1227	JUNCTION	0.004	0.038	0	12:01	0.0376	0.533	0.024
J1229	JUNCTION	0.003	0.031	0	12:40	0.0306	0.84	0.019
J1231	JUNCTION	0.011	0.060	0	12:32	0.115	1.79	0.013
J1232	JUNCTION	0.009	0.029	0	12:00	0.0964	0.328	0.034
J1233	JUNCTION	0.029	0.372	0	14:47	0.289	16.7	0.045
J124	JUNCTION	0.002	0.002	0	12:00	0.0261	0.0261	0.006
J1240	JUNCTION	0.011	0.079	0	13:00	0.112	2.45	0.009
J1241	JUNCTION	0.010	0.124	0	14:35	0.109	4.22	0.000
J1249	JUNCTION	0.040	0.138	0	14:40	0.437	4.81	-0.006
J1254	JUNCTION	0.004	0.086	0	13:33	0.0465	2.7	0.006
J1258	JUNCTION	0.016	0.016	0	12:00	0.163	0.163	-0.367
J1259	JUNCTION	0.007	0.015	0	12:00	0.065	0.252	-0.042
J126	JUNCTION	0.013	0.063	0	12:45	0.137	1.92	-0.017
J1260	JUNCTION	0.033	0.033	0	12:00	0.352	0.352	-0.037
J1268	JUNCTION	0.006	0.068	0	12:32	0.062	2.06	0.008
J1270	JUNCTION	0.002	0.128	0	14:37	0.0119	4.37	0.009
J1272	JUNCTION	0.017	0.054	0	12:00	0.134	0.675	0.007
J1273	JUNCTION	0.004	0.065	0	12:51	0.0428	1.97	0.012
J1276	JUNCTION	0.046	0.046	0	12:00	0.501	0.501	-0.051
J1277	JUNCTION	0.000	0.047	0	12:15	0	0.981	-0.005
J1278	JUNCTION	0.029	0.171	0	12:00	0.318	5.85	0.004
J1279	JUNCTION	0.005	0.025	0	12:03	0.0417	0.602	0.007
J1280	JUNCTION	0.007	0.045	0	12:09	0.0648	0.794	-0.001
J1294	JUNCTION	0.006	0.076	0	13:19	0.0678	2.33	0.006
J1299	JUNCTION	0.005	0.041	0	12:01	0.0456	0.47	-0.047
J13	JUNCTION	0.012	0.012	0	12:00	0.133	0.133	-0.018
J1300	JUNCTION	0.003	0.023	0	12:03	0.0304	0.404	2.402
J1301	JUNCTION	0.013	0.122	0	14:03	0.14	4.06	0.022
J1306	JUNCTION	0.000	0.041	0	12:06	0	0.596	0.016
J1308	JUNCTION	0.032	0.040	0	12:00	0.343	0.728	-0.061
J1314	JUNCTION	0.000	0.042	0	12:00	0	0.734	-0.056
J1318	JUNCTION	0.018	0.069	0	12:00	0.182	1.68	0.018
J1322	JUNCTION	0.025	0.025	0	12:00	0.269	0.269	-0.094
J1324	JUNCTION	0.007	0.053	0	12:28	0.0775	1.5	0.034
J1325	JUNCTION	0.004	0.047	0	12:00	0.0402	0.542	0.037
J1329	JUNCTION	0.012	0.147	0	13:00	0.1	4.65	0.000
J1330	JUNCTION	0.002	0.041	0	12:24	0.0243	1.36	0.009
J1331	JUNCTION	0.005	0.049	0	12:13	0.049	0.997	0.028
J1332	JUNCTION	0.000	0.114	0	13:56	0	3.67	0.007
J1334	JUNCTION	0.012	0.012	0	12:00	0.162	0.187	-0.021
J1335	JUNCTION	0.028	0.053	0	12:00	0.3	0.75	0.226
J1338	JUNCTION	0.023	0.072	0	12:30	0.228	2.05	0.009
J1344	JUNCTION	0.004	0.082	0	13:02	0.0428	2.54	0.049
J1348	JUNCTION	0.094	0.164	0	12:00	0.887	5.53	-0.010
J135	JUNCTION	0.004	0.004	0	12:00	0.0423	0.0423	-0.136
J1352	JUNCTION	0.035	0.218	0	13:25	0.357	7.81	0.005
J1355	JUNCTION	0.000	0.176	0	14:56	0	6.33	0.002
J138	JUNCTION	0.016	0.028	0	12:00	0.172	0.375	0.006
J140	JUNCTION	0.013	0.025	0	12:00	0.134	0.509	-0.007
J142	JUNCTION	0.000	0.088	0	13:19	0	2.78	0.005
J15	JUNCTION	0.015	0.015	0	12:00	0.165	0.165	-0.520
J153	JUNCTION	0.000	0.016	0	12:00	0	0.163	-0.073
J159	JUNCTION	0.016	0.016	0	12:00	0.164	0.164	-0.012
J161	JUNCTION	0.005	0.005	0	12:00	0.052	0.052	-0.017
J165	JUNCTION	0.029	0.029	0	12:00	0.313	0.313	-0.046
J167	JUNCTION	0.012	0.014	0	12:00	0.107	0.133	-0.019

J169	JUNCTION	0.000	0.080	0	13:30	0	2.49	0.012
J17	JUNCTION	0.011	0.046	0	12:00	0.11	0.528	1.232
J172	JUNCTION	0.009	0.009	0	12:00	0.0922	0.0922	-0.078
J18	JUNCTION	0.000	0.025	0	05:20	0	1.08	-0.075
J19	JUNCTION	0.060	0.060	0	12:00	0.488	0.488	-0.360
J199	JUNCTION	0.000	0.005	0	12:01	0	0.052	0.013
J2	JUNCTION	0.000	0.183	0	15:00	0	6.64	-0.002
J20	JUNCTION	0.024	0.035	0	12:00	0.251	0.384	0.068
J205	JUNCTION	0.017	0.073	0	13:08	0.179	2.23	0.384
J209	JUNCTION	0.003	0.092	0	13:47	0.03	2.91	0.006
J217	JUNCTION	0.008	0.015	0	12:00	0.0819	0.175	-0.019
J219	JUNCTION	0.003	0.025	0	12:24	0.0323	0.634	-0.001
J221	JUNCTION	0.010	0.111	0	13:40	0.0995	3.65	0.185
J225	JUNCTION	0.009	0.009	0	12:00	0.0941	0.0943	0.792
J229	JUNCTION	0.006	0.006	0	12:00	0.0604	0.0604	-0.026
J23	JUNCTION	0.005	0.039	0	12:01	0.0234	0.546	2.976
J241	JUNCTION	0.000	0.006	0	12:00	0	0.0604	-0.068
J254	JUNCTION	0.006	0.006	0	12:00	0.0638	0.0638	-0.060
J273	JUNCTION	0.017	0.017	0	12:00	0.168	0.168	-0.058
J275	JUNCTION	0.005	0.026	0	12:01	0.0524	0.366	0.033
J28	JUNCTION	0.005	0.027	0	12:02	0.0542	0.584	0.438
J283	JUNCTION	0.000	0.093	0	13:54	0	2.94	0.004
J294	JUNCTION	0.003	0.093	0	13:52	0.0341	2.94	0.001
J299	JUNCTION	0.011	0.011	0	12:00	0.122	0.122	-0.057
J3	JUNCTION	0.000	0.215	0	14:59	0	7.9	0.417
J30	JUNCTION	0.016	0.016	0	12:00	0.165	0.165	-0.026
J304	JUNCTION	0.019	0.019	0	12:00	0.199	0.199	-0.027
J319	JUNCTION	0.010	0.026	0	12:30	0.1	0.724	-0.000
J32	JUNCTION	0.000	0.021	0	13:03	0	0.631	0.403
J329	JUNCTION	0.003	0.003	0	12:00	0.0329	0.0329	-0.009
J35	JUNCTION	0.006	0.023	0	12:03	0.0605	0.642	1.890
J355	JUNCTION	0.006	0.008	0	12:00	0.062	0.283	-0.038
J36	JUNCTION	0.005	0.050	0	12:01	0.0581	0.836	0.009
J360	JUNCTION	0.008	0.008	0	12:00	0.091	0.091	-0.012
J362	JUNCTION	0.004	0.025	0	12:06	0.0408	0.416	0.006
J37	JUNCTION	0.024	0.024	0	12:00	0.259	0.259	-0.092
J372	JUNCTION	0.005	0.024	0	12:02	0.0474	0.376	0.004
J384	JUNCTION	0.004	0.015	0	12:00	0.0463	0.179	0.000
J39	JUNCTION	0.007	0.017	0	12:00	0.0707	0.176	-0.011
J392	JUNCTION	0.011	0.011	0	12:00	0.115	0.115	-0.088
J394	JUNCTION	0.004	0.007	0	12:00	0.0434	0.0763	-0.010
J396	JUNCTION	0.005	0.012	0	12:00	0.0559	0.132	-0.008
J398	JUNCTION	0.008	0.118	0	13:56	0.0849	3.75	0.013
J41	JUNCTION	0.010	0.010	0	12:00	0.105	0.105	-0.038
J419	JUNCTION	0.011	0.029	0	12:00	0.119	0.536	-0.006
J43	JUNCTION	0.010	0.010	0	12:00	0.09	0.0908	3.308
J433	JUNCTION	0.018	0.018	0	12:00	0.187	0.187	-0.083
J443	JUNCTION	0.038	0.038	0	12:00	0.408	0.408	-0.088
J447	JUNCTION	0.005	0.013	0	12:00	0.0566	0.148	-0.003
J449	JUNCTION	0.000	0.023	0	12:04	0	0.372	-0.008
J451	JUNCTION	0.005	0.025	0	12:00	0.044	0.265	-0.001
J453	JUNCTION	0.003	0.023	0	12:03	0.0271	0.372	-0.003
J455	JUNCTION	0.000	0.016	0	12:00	0	0.187	0.051
J458	JUNCTION	0.007	0.036	0	12:00	0.0771	0.43	0.027
J46	JUNCTION	0.013	0.016	0	12:00	0.153	0.284	-0.008
J462	JUNCTION	0.013	0.051	0	12:21	0.123	1.12	-0.016
J467	JUNCTION	0.010	0.021	0	12:00	0.11	0.22	-0.012
J47	JUNCTION	0.000	0.008	0	12:11	0	0.131	0.001
J472	JUNCTION	0.011	0.011	0	12:00	0.11	0.11	0.008
J475	JUNCTION	0.002	0.025	0	12:01	0.0127	0.277	0.010
J479	JUNCTION	0.004	0.041	0	12:02	0.0393	0.512	1.810
J48	JUNCTION	0.004	0.020	0	12:00	0.0449	0.21	-0.030
J491	JUNCTION	0.007	0.141	0	12:26	0.0642	7.29	0.017
J50	JUNCTION	0.010	0.054	0	12:05	0.0758	0.95	-0.033
J51	JUNCTION	0.000	0.108	0	13:33	0	3.5	-0.003
J52	JUNCTION	0.004	0.019	0	12:00	0.0401	0.236	0.132
J523	JUNCTION	0.005	0.142	0	12:32	0.031	7.32	0.008
J525	JUNCTION	0.009	0.075	0	12:00	0.102	1.24	0.063
J54	JUNCTION	0.005	0.005	0	12:00	0.0525	0.0525	0.199
J55	JUNCTION	0.000	0.140	0	12:16	0	7.24	-0.016
J56	JUNCTION	0.004	0.017	0	12:00	0.0382	0.214	-0.023
J562	JUNCTION	0.014	0.147	0	14:55	0.142	5.22	0.034
J57	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
J576	JUNCTION	0.013	0.013	0	12:00	0.139	0.139	-0.019
J58	JUNCTION	0.006	0.006	0	12:00	0.0585	0.0586	-0.078
J580	JUNCTION	0.008	0.008	0	12:00	0.0839	0.0839	-0.570
J584	JUNCTION	0.010	0.061	0	12:32	0.107	1.78	-0.004
J59	JUNCTION	0.018	0.018	0	12:00	0.196	0.196	-0.130
J596	JUNCTION	0.020	0.020	0	12:00	0.217	0.217	-0.160
J598	JUNCTION	0.031	0.183	0	14:58	0.306	6.64	-0.001
J602	JUNCTION	0.002	0.002	0	12:00	0.0172	0.0172	-0.064
J61	JUNCTION	0.007	0.023	0	12:00	0.0794	0.252	0.002
J611	JUNCTION	0.012	0.012	0	12:00	0.13	0.13	-0.193
J623	JUNCTION	0.008	0.008	0	12:00	0.0882	0.0882	-0.030
J63	JUNCTION	0.000	0.007	0	12:00	0	0.0771	0.433
J633	JUNCTION	0.007	0.185	0	15:01	0.074	6.72	0.071
J644	JUNCTION	0.003	0.003	0	12:00	0.035	0.035	-0.156
J646	JUNCTION	0.012	0.019	0	12:00	0.125	0.261	-0.008
J650	JUNCTION	0.010	0.070	0	12:48	0.104	2.17	0.043
J658	JUNCTION	0.005	0.012	0	12:00	0.0479	0.136	0.028
J66	JUNCTION	0.016	0.016	0	12:00	0.173	0.173	-0.007
J660	JUNCTION	0.004	0.008	0	12:00	0.043	0.129	0.008
J664	JUNCTION	0.007	0.008	0	12:00	0.0685	0.0857	0.290
J668	JUNCTION	0.007	0.054	0	12:04	0.0674	0.972	-0.053
J673	JUNCTION	0.008	0.210	0	14:58	0.0798	7.76	0.497
J676	JUNCTION	0.000	0.075	0	13:00	0	2.34	0.002
J68	JUNCTION	0.016	0.016	0	12:00	0.174	0.174	-0.147
J684	JUNCTION	0.005	0.011	0	12:00	0.0577	0.186	0.010
J686	JUNCTION	0.014	0.014	0	12:00	0.145	0.145	0.040
J693	JUNCTION	0.005	0.072	0	12:57	0.0493	2.22	0.001
J70	JUNCTION	0.003	0.109	0	13:35	0.033	3.53	0.011
J703	JUNCTION	0.000	0.004	0	12:01	0	0.0363	0.230
J710	JUNCTION	0.003	0.018	0	12:01	0.034	0.295	-0.003

J712	JUNCTION	0.012	0.075	0	13:00	0.125	2.34	-0.001
J718	JUNCTION	0.006	0.006	0	12:00	0.0692	0.105	-0.003
J72	JUNCTION	0.000	0.035	0	12:04	0	0.532	-0.062
J728	JUNCTION	0.007	0.021	0	12:00	0.0747	0.22	-0.007
J744	JUNCTION	0.015	0.041	0	12:00	0.157	0.609	-0.050
J746	JUNCTION	0.003	0.027	0	12:01	0.0359	0.338	0.014
J748	JUNCTION	0.011	0.032	0	12:00	0.114	0.452	-0.009
J75	JUNCTION	0.012	0.030	0	12:30	0.127	0.886	-0.015
J757	JUNCTION	0.008	0.027	0	12:00	0.0818	0.302	0.004
J76	JUNCTION	0.002	0.122	0	14:32	0.0191	4.11	-0.009
J761	JUNCTION	0.013	0.019	0	12:00	0.138	0.294	-0.005
J77	JUNCTION	0.007	0.007	0	12:00	0.0771	0.0771	-0.023
J777	JUNCTION	0.008	0.063	0	12:54	0.0869	2.09	0.024
J779	JUNCTION	0.005	0.008	0	12:00	0.0527	0.157	-0.025
J797	JUNCTION	0.000	0.025	0	12:01	0	0.302	-0.009
J803	JUNCTION	0.060	0.060	0	12:00	0.652	0.652	-0.068
J81	JUNCTION	0.004	0.121	0	14:30	0.0401	4.1	0.006
J82	JUNCTION	0.010	0.019	0	12:00	0.108	0.203	-0.007
J834	JUNCTION	0.010	0.025	0	12:00	0.0914	0.386	0.281
J84	JUNCTION	0.010	0.010	0	12:00	0.103	0.103	-0.007
J86	JUNCTION	0.002	0.023	0	12:16	0.0221	0.532	0.015
J87	JUNCTION	0.002	0.062	0	12:45	0.0219	2.01	-0.016
J88	JUNCTION	0.023	0.088	0	13:16	0.246	2.78	-0.009
J9	JUNCTION	0.004	0.037	0	12:00	0.0351	0.419	0.129
J9_1	JUNCTION	0.000	0.001	0	11:51	0	0.000714	3.690
J90	JUNCTION	0.011	0.022	0	12:15	0.116	0.511	-0.033
J92	JUNCTION	0.010	0.010	0	12:00	0.0955	0.0955	-0.007
J923	JUNCTION	0.051	0.051	0	12:00	0.444	0.444	-0.322
J925	JUNCTION	0.003	0.012	0	12:00	0.036	0.221	0.080
J929	JUNCTION	0.042	0.071	0	12:00	0.454	1.18	-0.073
J95	JUNCTION	0.017	0.017	0	12:00	0.163	0.163	-0.014
J954	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
J964	JUNCTION	0.003	0.004	0	11:56	0.0227	0.0247	0.076
Mesure_point	JUNCTION	0.000	0.059	0	12:25	0	1.8	-0.006
NOF1_1	JUNCTION	0.107	0.133	0	12:00	0.865	2.46	-0.076
PDJ01	JUNCTION	0.139	0.139	0	12:00	0.412	0.412	-0.018
PDJ02	JUNCTION	0.000	0.139	0	12:00	0	0.412	0.007
PDJ03	JUNCTION	0.000	0.138	0	12:00	0	0.412	-0.005
PDJ04	JUNCTION	0.195	0.332	0	12:00	0.579	0.992	-0.034
PDJ05	JUNCTION	0.175	0.502	0	12:00	0.519	1.51	0.015
PDJ06	JUNCTION	0.180	1.079	0	12:00	0.54	3.34	0.142
PDJ07	JUNCTION	0.167	0.410	0	12:00	0.504	1.29	-0.001
PDJ08	JUNCTION	0.000	0.248	0	12:00	0	0.787	-0.013
PDJ09	JUNCTION	0.201	0.254	0	12:00	0.607	0.787	-0.003
PDJ10	JUNCTION	0.060	0.060	0	12:00	0.18	0.18	-0.024
NOF1	OUTFALL	0.000	0.107	0	12:33	0	2.46	0.000
NOF2	OUTFALL	0.000	0.070	0	12:06	0	2.44	0.000
Outfall_A	OUTFALL	0.000	0.259	0	13:36	0	9.28	0.000
Outfall_B	OUTFALL	0.000	0.372	0	14:52	0	16.7	0.000
POND	STORAGE	0.167	1.238	0	12:00	0.486	5.28	-0.057

Node Surcharge Summary

Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Meters	Min. Depth Below Rim Meters
16472	JUNCTION	96.00	0.000	0.000
16555	JUNCTION	96.00	0.000	0.000
16641	JUNCTION	96.00	0.000	0.000
16799	JUNCTION	96.00	0.000	0.000
16876	JUNCTION	96.00	0.000	0.000
17114	JUNCTION	96.00	0.000	0.000
17196	JUNCTION	96.00	0.000	0.000
31056	JUNCTION	96.00	0.000	0.000

Node Flooding Summary

No nodes were flooded.

Storage Volume Summary

Storage Unit	Average Volume 1000 m ³	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m ³	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CMS
POND	2.175	43.5	0.0	0.0	3.632	72.6	0 16:12	0.025

Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 10 ⁶ ltr
NOF1	62.55	0.019	0.107	2.462
NOF2	84.90	0.014	0.070	2.444
Outfall_A	78.27	0.056	0.259	9.278

Outfall_B	95.79	0.077	0.372	16.693
System	80.38	0.166	0.763	30.877

Link Flow Summary

Link	Type	Maximum Flow CMS	Time of Max Occurrence days hr:min	Maximum Veloc m/sec	Max/ Full Flow	Max/ Full Depth
AR_culvert450	CONDUIT	0.016	0 12:00	0.60	0.06	0.29
ARDC01	CONDUIT	0.026	0 17:21	0.27	0.02	0.16
ARDC02_Culvert450	CONDUIT	0.025	0 17:31	1.45	0.16	0.26
ARDC03	CONDUIT	0.027	0 17:30	0.24	0.02	0.16
ARDC04_Culvert450	CONDUIT	0.047	0 12:00	1.03	0.24	0.34
ARDC05	CONDUIT	0.047	0 12:01	0.25	0.04	0.23
ARDC06	CONDUIT	0.066	0 12:01	0.27	0.05	0.24
ARDC07_Culvert450	CONDUIT	0.090	0 12:00	1.24	0.55	0.47
ARDC08	CONDUIT	0.086	0 12:02	0.33	0.05	0.25
ARDC09	CONDUIT	0.097	0 12:03	0.33	0.06	0.26
ARDC10	CONDUIT	0.104	0 12:04	0.34	0.06	0.25
ARDC11	CONDUIT	0.105	0 12:06	0.38	0.05	0.22
ARDC12	CONDUIT	0.111	0 12:04	0.56	0.02	0.15
ARDC13	CONDUIT	0.110	0 12:04	0.50	0.01	0.11
ARDC14_Culvert600	CONDUIT	0.126	0 12:03	1.65	0.22	0.35
C1_1	CHANNEL	0.055	0 13:00	0.24	0.00	0.18
C1_2	CHANNEL	0.107	0 12:33	0.52	0.01	0.17
C10	CHANNEL	0.006	0 12:01	0.06	0.00	0.13
C103	CONDUIT	0.014	0 12:00	0.13	0.01	0.08
C105	CONDUIT	0.002	0 12:01	0.04	0.00	0.02
C113	CONDUIT	0.001	0 12:03	0.02	0.00	0.04
C115	CONDUIT	1.075	0 12:00	1.19	0.24	0.50
C116	CONDUIT	0.006	0 12:00	0.09	0.00	0.06
C12_1	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C124	CONDUIT	0.016	0 12:00	0.11	0.00	0.09
C128	CONDUIT	0.046	0 12:04	0.23	0.01	0.13
C132	CONDUIT	0.011	0 12:05	0.11	0.01	0.08
C134	CONDUIT	0.019	0 12:00	0.17	0.00	0.09
C137	CONDUIT	0.014	0 12:14	1.04	0.04	0.14
C138	CONDUIT	0.022	0 12:03	0.15	0.00	0.04
C142	CHANNEL	0.372	0 14:52	0.52	0.19	0.17
C144	CONDUIT	0.236	0 15:04	0.82	0.27	0.24
C145	CONDUIT	0.014	0 12:02	0.21	0.00	0.06
C147	CONDUIT	0.259	0 13:36	1.21	0.26	0.37
C153	CONDUIT	0.018	0 12:00	0.13	0.01	0.12
C155	CONDUIT	0.008	0 12:00	0.20	0.00	0.04
C156	CONDUIT	0.013	0 12:00	0.17	0.00	0.19
C16	CONDUIT	0.011	0 12:00	0.08	0.01	0.10
C163	CONDUIT	0.001	0 13:33	0.24	0.01	0.08
C165	CONDUIT	0.017	0 12:00	0.13	0.00	0.04
C167	CONDUIT	0.004	0 12:05	0.05	0.00	0.03
C172	CONDUIT	0.012	0 12:01	0.09	0.00	0.04
C176	CONDUIT	0.020	0 12:00	0.16	0.01	0.09
C180	CONDUIT	0.016	0 12:02	0.27	0.00	0.05
C186	CONDUIT	0.025	0 12:01	0.20	0.01	0.09
C189	CONDUIT	0.008	0 12:11	0.04	0.00	0.02
C190	CONDUIT	0.022	0 12:04	0.23	0.00	0.07
C196	CONDUIT	0.057	0 12:34	0.33	0.04	0.20
C199	CONDUIT	0.012	0 12:07	0.14	0.00	0.07
C2	CHANNEL	0.012	0 12:24	0.10	0.00	0.18
C200	CONDUIT	0.037	0 11:56	0.35	0.01	0.15
C202	CONDUIT	0.023	0 12:01	0.19	0.01	0.09
C207	CONDUIT	0.025	0 12:02	0.21	0.01	0.09
C213	CONDUIT	0.059	0 12:00	0.29	0.01	0.14
C213_1	CONDUIT	0.010	0 12:02	0.10	0.00	0.11
C213_3	CONDUIT	0.108	0 13:33	0.34	0.02	0.18
C213_4	CONDUIT	0.108	0 13:35	0.33	0.02	0.19
C214	CONDUIT	0.002	0 12:03	0.02	0.00	0.05
C218	CHANNEL	0.000	0 00:00	0.00	0.00	0.03
C22	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C221	CONDUIT	0.013	0 12:00	0.20	0.00	0.06
C223	CONDUIT	0.015	0 12:00	0.16	0.00	0.03
C225	CONDUIT	0.012	0 12:07	0.10	0.00	0.09
C226	CONDUIT	0.010	0 12:02	0.06	0.00	0.13
C23	CONDUIT	0.010	0 12:00	0.11	0.00	0.07
C230	CONDUIT	0.000	0 00:00	0.00	0.00	0.00
C231_1	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C231_2	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C233	CONDUIT	0.004	0 12:04	0.05	0.00	0.06
C234	CONDUIT	0.002	0 12:02	0.06	0.00	0.04
C239	CONDUIT	0.033	0 12:00	0.19	0.01	0.14
C24	CONDUIT	0.009	0 12:00	0.15	0.00	0.02
C241	CONDUIT	0.011	0 12:08	0.10	0.00	0.03
C245	CONDUIT	0.024	0 12:02	0.21	0.01	0.09
C248	CONDUIT	0.036	0 12:00	0.17	0.01	0.16
C25	CHANNEL	0.000	0 00:00	0.00	0.00	0.02
C251	CONDUIT	0.006	0 12:03	0.09	0.00	0.05
C256	CONDUIT	0.035	0 12:01	0.10	0.02	0.20
C259	CONDUIT	0.039	0 12:02	0.16	0.00	0.16
C262	CONDUIT	0.025	0 12:04	0.17	0.01	0.11
C263	CONDUIT	0.023	0 12:06	0.29	0.00	0.06
C266	CONDUIT	0.016	0 12:00	0.15	0.00	0.03
C267	CONDUIT	0.021	0 12:01	0.17	0.00	0.03
C268	CONDUIT	0.018	0 12:03	0.24	0.00	0.07
C27	CONDUIT	0.107	0 12:33	0.74	0.09	0.19
C27_1	CHANNEL	0.009	0 12:00	0.10	0.00	0.10
C27_2	CONDUIT	0.047	0 12:04	0.21	0.00	0.04
C271	CONDUIT	0.019	0 12:00	0.25	0.00	0.08
C272	CHANNEL	0.006	0 12:00	0.24	0.00	0.04

C275	CONDUIT	0.029	0	12:04	0.18	0.01	0.11
C276	CONDUIT	0.035	0	12:04	0.37	0.00	0.08
C277	CHANNEL	0.000	0	00:00	0.00	0.00	0.13
C279	CHANNEL	0.006	0	12:00	0.11	0.00	0.05
C282	CONDUIT	0.048	0	12:13	0.12	0.01	0.23
C283	CHANNEL	0.012	0	12:07	0.15	0.03	0.25
C284	CONDUIT	0.011	0	12:17	0.05	0.00	0.15
C285	CONDUIT	0.018	0	12:12	0.12	0.00	0.04
C287	CHANNEL	0.006	0	12:03	0.12	0.00	0.05
C287_1	CONDUIT	0.009	0	12:02	0.09	0.01	0.18
C287_2	CONDUIT	0.061	0	12:53	0.19	0.03	0.28
C288	CONDUIT	0.011	0	12:04	0.08	0.00	0.06
C289	CONDUIT	0.002	0	12:00	0.03	0.00	0.05
C29	CONDUIT	0.007	0	12:01	0.06	0.00	0.05
C291	CONDUIT	0.024	0	12:08	0.21	0.00	0.08
C292	CHANNEL	0.006	0	12:04	0.17	0.00	0.04
C294	CONDUIT	0.026	0	12:01	0.18	0.00	0.04
C296	CONDUIT	0.029	0	12:00	0.12	0.01	0.16
C297_1	CONDUIT	0.028	0	12:05	0.08	0.01	0.20
C299	CHANNEL	0.008	0	12:11	0.59	0.00	0.03
C3	CONDUIT	0.039	0	12:03	0.27	0.07	0.28
C30	CONDUIT	0.016	0	12:00	0.17	0.00	0.08
C300	CONDUIT	0.031	0	12:05	0.22	0.00	0.04
C305	CONDUIT	0.027	0	12:03	0.18	0.01	0.11
C308	CONDUIT	0.035	0	12:09	0.25	0.01	0.10
C309	CONDUIT	0.030	0	12:09	0.19	0.01	0.11
C31	CONDUIT	0.016	0	12:02	0.18	0.00	0.07
C310_1	CONDUIT	0.000	0	00:00	0.00	0.00	0.16
C310_2	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C311	CONDUIT	0.043	0	12:00	0.21	0.01	0.16
C313	CONDUIT	0.016	0	12:10	0.14	0.00	0.03
C314	CHANNEL	0.000	0	00:00	0.00	0.00	0.03
C319	CONDUIT	0.024	0	12:04	0.08	0.01	0.19
C32	CONDUIT	0.009	0	12:00	0.18	0.00	0.05
C320	CONDUIT	0.003	0	13:30	0.07	0.00	0.05
C322	CHANNEL	0.000	0	11:51	0.02	0.00	0.06
C324	CONDUIT	0.022	0	12:30	0.11	0.00	0.07
C326	CHANNEL	0.014	0	12:11	0.16	0.00	0.04
C327	CONDUIT	0.027	0	12:10	0.19	0.01	0.10
C329	CHANNEL	0.002	0	12:00	0.03	0.00	0.04
C33	CONDUIT	0.057	0	12:04	0.27	0.00	0.04
C331	CONDUIT	0.021	0	12:05	0.06	0.00	0.22
C333	CHANNEL	0.001	0	13:32	0.12	0.00	0.03
C334	CONDUIT	0.006	0	12:00	0.63	0.01	0.07
C335	CONDUIT	0.019	0	12:23	0.16	0.00	0.04
C34	CONDUIT	0.056	0	12:05	0.11	0.00	0.10
C340	CONDUIT	0.034	0	12:05	0.15	0.01	0.14
C341	CONDUIT	0.006	0	12:02	0.07	0.00	0.07
C346	CHANNEL	0.001	0	13:32	0.14	0.00	0.05
C35	CONDUIT	0.020	0	17:05	0.05	0.00	0.13
C350	CHANNEL	0.007	0	12:01	0.11	0.00	0.06
C352	CONDUIT	0.021	0	13:03	0.05	0.00	0.23
C353	CHANNEL	0.000	0	00:00	0.00	0.00	0.05
C355	CONDUIT	0.063	0	13:03	0.15	0.06	0.32
C356	CONDUIT	0.041	0	12:23	0.21	0.03	0.13
C359	CONDUIT	0.035	0	12:10	0.17	0.00	0.05
C36	CONDUIT	0.020	0	12:04	0.17	0.00	0.06
C361	CONDUIT	0.009	0	12:03	0.37	0.08	0.24
C363	CONDUIT	0.015	0	12:00	0.10	0.01	0.12
C365	CHANNEL	0.007	0	12:07	0.01	0.00	0.06
C367	CONDUIT	0.023	0	12:26	0.09	0.00	0.11
C371	CHANNEL	0.007	0	12:13	17.31	0.00	0.04
C372	CONDUIT	0.004	0	12:02	0.14	0.00	0.11
C374	CONDUIT	0.026	0	12:42	0.26	0.00	0.08
C375	CONDUIT	0.042	0	12:16	0.16	0.01	0.07
C376	CONDUIT	0.010	0	12:09	0.08	0.03	0.10
C377	CHANNEL	0.006	0	12:15	0.09	0.00	0.04
C378	CHANNEL	0.008	0	12:16	0.11	0.00	0.14
C379	CHANNEL	0.006	0	12:42	0.17	0.00	0.13
C38	CONDUIT	0.016	0	12:00	0.26	0.00	0.07
C381_1	CHANNEL	0.006	0	12:43	0.00	0.00	0.20
C381_2	CHANNEL	0.215	0	15:01	0.11	0.00	0.26
C384	CHANNEL	0.215	0	15:02	0.36	0.01	0.14
C385	CHANNEL	0.215	0	15:02	0.24	0.01	0.23
C388	CONDUIT	0.215	0	15:03	0.61	0.14	0.33
C391	CONDUIT	0.043	0	12:23	0.14	0.01	0.09
C397	CHANNEL	0.215	0	15:04	0.55	0.01	0.20
C398	CHANNEL	0.215	0	15:04	0.48	0.00	0.18
C399	CONDUIT	0.048	0	12:02	0.16	0.02	0.21
C4	CONDUIT	0.015	0	12:00	0.21	0.00	0.06
C401	CONDUIT	0.109	0	13:41	0.22	0.03	0.25
C403	CONDUIT	0.007	0	12:00	0.09	0.00	0.06
C405	CHANNEL	0.045	0	12:03	0.37	0.00	0.12
C407	CHANNEL	0.003	0	14:23	0.05	0.00	0.06
C408	CONDUIT	0.006	0	12:01	0.08	0.00	0.07
C409	CONDUIT	0.024	0	12:42	0.12	0.00	0.06
C41	CONDUIT	0.007	0	12:00	0.09	0.01	0.08
C413	CONDUIT	0.011	0	12:02	0.09	0.00	0.09
C416	CONDUIT	0.031	0	12:47	0.22	0.00	0.12
C42	CONDUIT	0.018	0	12:01	0.12	0.00	0.04
C420	CONDUIT	0.061	0	12:34	0.24	0.02	0.15
C423	CONDUIT	0.052	0	12:36	0.21	0.02	0.15
C425	CHANNEL	0.013	0	12:00	0.06	0.00	0.13
C429	CONDUIT	0.067	0	12:47	0.22	0.02	0.18
C43	CONDUIT	0.020	0	12:00	0.17	0.00	0.03
C432	CONDUIT	0.059	0	12:44	0.28	0.01	0.14
C433	CONDUIT	0.019	0	12:14	0.15	0.00	0.09
C437	CONDUIT	0.022	0	12:16	0.23	0.00	0.12
C439_1	CONDUIT	0.111	0	13:47	0.19	0.03	0.28
C439_2	CONDUIT	0.138	0	12:26	0.33	0.04	0.22
C44	CONDUIT	0.006	0	12:03	0.05	0.00	0.04
C444_2	CONDUIT	0.027	0	05:34	0.27	0.04	0.30
C445	CONDUIT	0.019	0	12:20	0.08	0.00	0.23

C447	CONDUIT	0.063	0	12:50	0.27	0.01	0.16
C448	CONDUIT	0.030	0	13:08	0.08	0.01	0.09
C451	CONDUIT	0.055	0	12:46	0.22	0.14	0.36
C452	CONDUIT	0.070	0	12:57	0.21	0.06	0.19
C455	CONDUIT	0.072	0	12:59	0.25	0.02	0.17
C457	CHANNEL	0.006	0	12:14	0.03	0.05	0.47
C460	CONDUIT	0.075	0	13:00	0.29	0.02	0.16
C465	CONDUIT	0.064	0	13:04	0.14	0.02	0.23
C466	CONDUIT	0.068	0	13:08	0.13	0.02	0.13
C468	CONDUIT	0.075	0	13:02	0.30	0.03	0.20
C469	CONDUIT	0.079	0	13:02	0.21	0.03	0.27
C47	CONDUIT	0.000	0	00:00	0.00	0.00	0.01
C472	CONDUIT	0.082	0	13:15	0.23	0.15	0.20
C474	CHANNEL	0.021	0	12:02	0.07	0.01	0.25
C475	CONDUIT	0.073	0	13:19	0.15	0.01	0.12
C478	CONDUIT	0.146	0	13:06	0.30	0.08	0.30
C481	CONDUIT	0.076	0	13:26	0.20	0.01	0.10
C485	CONDUIT	0.141	0	12:33	0.46	0.02	0.18
C486	CONDUIT	0.088	0	13:19	0.41	0.01	0.14
C49	CONDUIT	0.009	0	12:00	0.03	0.00	0.20
C490	CONDUIT	0.088	0	13:21	0.42	0.01	0.14
C491	CONDUIT	0.139	0	12:39	0.31	0.02	0.23
C493	CHANNEL	0.014	0	14:57	0.04	0.01	0.28
C498	CONDUIT	0.086	0	13:41	0.22	0.01	0.10
C499	CONDUIT	0.094	0	13:22	0.39	0.01	0.15
C5	CONDUIT	0.012	0	12:00	0.11	0.00	0.15
C50	CHANNEL	0.000	0	00:00	0.00	0.00	0.10
C505	CONDUIT	0.091	0	13:48	0.25	0.01	0.09
C507	CONDUIT	0.159	0	13:10	0.37	0.04	0.23
C513	CONDUIT	0.092	0	13:52	0.26	0.01	0.09
C514	CHANNEL	0.021	0	14:55	0.03	0.01	0.41
C517	CONDUIT	0.168	0	13:17	0.40	0.03	0.23
C518	CONDUIT	0.093	0	13:54	0.26	0.01	0.09
C52	CONDUIT	0.011	0	12:00	0.08	0.00	0.12
C520	CONDUIT	0.007	0	14:07	0.04	0.00	0.16
C521	CONDUIT	0.006	0	12:00	0.11	0.00	0.04
C522	CONDUIT	0.093	0	13:58	0.20	0.01	0.12
C524	CONDUIT	0.006	0	14:11	0.09	0.00	0.05
C525	CHANNEL	0.041	0	14:01	0.21	0.00	0.13
C525_3	CONDUIT	0.004	0	12:04	0.08	0.00	0.05
C528	CONDUIT	0.174	0	13:25	0.37	0.04	0.25
C53	CONDUIT	0.024	0	12:01	0.25	0.00	0.08
C530	CONDUIT	0.116	0	13:56	0.21	0.02	0.14
C535	CONDUIT	0.113	0	14:11	0.16	0.01	0.20
C537_2	CONDUIT	0.122	0	14:35	0.37	0.03	0.19
C537_3	CONDUIT	0.120	0	14:30	0.09	0.02	0.27
C540	CONDUIT	0.003	0	12:00	0.09	0.00	0.03
C541	CONDUIT	0.009	0	12:02	0.11	0.02	0.09
C542	CONDUIT	0.007	0	12:00	0.13	0.00	0.04
C543	CONDUIT	0.003	0	12:06	0.04	0.00	0.08
C545	CONDUIT	0.011	0	12:01	0.15	0.00	0.06
C546	CONDUIT	0.000	0	00:00	0.00	0.00	0.04
C547	CONDUIT	0.012	0	12:03	0.10	0.00	0.09
C548	CONDUIT	0.124	0	14:37	0.37	0.02	0.19
C550	CONDUIT	0.022	0	12:04	0.20	0.01	0.08
C551	CONDUIT	0.128	0	14:41	0.27	0.04	0.24
C552	CONDUIT	0.023	0	12:04	0.22	0.00	0.09
C553_1	CONDUIT	0.021	0	12:05	0.12	0.01	0.13
C553_2	CONDUIT	0.048	0	12:13	0.20	0.02	0.15
C555	CONDUIT	0.046	0	12:20	0.18	0.02	0.16
C556	CONDUIT	0.050	0	12:24	0.22	0.02	0.17
C557	CONDUIT	0.143	0	14:56	0.20	0.05	0.31
C558	CONDUIT	0.146	0	15:04	0.28	0.13	0.26
C559	CONDUIT	0.175	0	15:00	0.53	0.02	0.19
C560_1	CONDUIT	0.183	0	15:00	0.45	0.01	0.22
C560_2	CONDUIT	0.183	0	15:01	0.41	0.04	0.23
C561	CONDUIT	0.185	0	15:03	0.27	0.03	0.31
C562	CONDUIT	0.210	0	15:00	0.20	0.05	0.41
C569	CONDUIT	0.024	0	12:00	0.19	0.00	0.10
C57	CONDUIT	0.009	0	12:00	0.13	0.00	0.02
C575	CHANNEL	0.028	0	12:02	0.51	0.00	0.08
C58	CONDUIT	0.014	0	12:02	0.11	0.00	0.04
C580	CHANNEL	0.000	0	00:00	0.00	0.00	0.04
C584	CONDUIT	0.038	0	12:01	0.14	0.02	0.21
C586	CONDUIT	0.041	0	12:27	0.15	0.01	0.17
C587_1	CONDUIT	0.217	0	13:34	0.30	0.05	0.32
C6	CONDUIT	0.005	0	12:00	0.08	0.00	0.07
C60	CONDUIT	0.015	0	12:00	0.15	0.00	0.09
C600	CONDUIT	0.018	0	12:01	0.15	0.00	0.09
C614_2	CONDUIT	0.045	0	12:02	0.19	0.01	0.16
C615	CONDUIT	0.021	0	13:05	0.12	0.01	0.12
C617	CONDUIT	0.024	0	12:24	0.14	0.00	0.05
C62	CONDUIT	0.015	0	12:01	0.17	0.00	0.07
C621	CONDUIT	0.038	0	12:02	0.19	0.01	0.13
C622	CONDUIT	0.080	0	13:37	0.20	0.01	0.10
C624	CONDUIT	0.138	0	14:47	0.26	0.04	0.26
C63_1	CHANNEL	0.014	0	11:51	0.05	0.00	0.10
C66	CONDUIT	0.007	0	12:01	0.04	0.00	0.16
C7	CONDUIT	0.031	0	12:02	0.39	0.01	0.18
C7_1	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C7_2	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C70	CONDUIT	0.070	0	12:06	1.75	0.02	0.10
C72	CONDUIT	0.032	0	12:01	0.24	0.11	0.33
C78	CHANNEL	0.021	0	12:35	0.08	0.00	0.15
C80	CONDUIT	0.014	0	12:16	1.00	0.06	0.17
C81	CHANNEL	0.014	0	12:15	0.26	0.00	0.14
C82	CONDUIT	0.013	0	12:03	0.14	0.00	0.02
C85	CONDUIT	0.008	0	12:02	0.10	0.00	0.07
C88	CONDUIT	0.005	0	12:01	0.09	0.00	0.01
C9	CONDUIT	0.008	0	12:00	0.05	0.00	0.05
C9_1	CHANNEL	0.000	0	12:00	0.01	0.00	0.02
C9_2	CHANNEL	0.001	0	11:51	0.08	0.00	0.06
C93	CONDUIT	0.104	0	13:26	1.16	0.08	0.20

C96	CONDUIT	0.013	0	12:03	0.14	0.00	0.03
DDC01_CULVERT_600	CONDUIT	0.032	0	12:02	0.83	0.22	0.19
DDC02	CONDUIT	0.032	0	12:03	0.19	0.06	0.21
DDC03	CONDUIT	0.031	0	12:04	0.17	0.05	0.21
DDC04	CONDUIT	0.032	0	12:07	0.16	0.06	0.24
DDC05	CONDUIT	0.032	0	12:13	0.16	0.06	0.23
DDC06	CONDUIT	0.034	0	12:25	0.10	0.05	0.30
MD_AR_Culvert700mm	CONDUIT	0.121	0	14:32	0.74	0.44	0.43
PDC01	CONDUIT	0.139	0	12:00	0.22	0.04	0.38
PDC02_CULVERT450	CONDUIT	0.138	0	12:00	0.90	1.57	0.92
PDC03	CONDUIT	0.138	0	12:00	0.18	0.04	0.39
PDC04	CONDUIT	0.328	0	12:00	0.34	0.10	0.46
PDC05	CONDUIT	0.499	0	12:00	0.44	0.10	0.48
PDC06	CONDUIT	0.410	0	12:01	0.35	0.26	0.48
PDC07	CONDUIT	0.251	0	12:01	0.24	0.08	0.47
PDC08_CULVERT450	CONDUIT	0.248	0	12:00	1.56	1.47	1.00
PDC09	CONDUIT	0.064	0	12:02	0.09	0.02	0.49
P1	PUMP	0.025	0	17:20		1.00	
P2	PUMP	0.025	0	05:20		1.00	

Flow Classification Summary

Conduit	Adjusted /Actual Length	----- Fraction of Time in Flow Class -----								
		Up Dry	Down Dry	Sub Dry	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl	
AR_culvert450	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.93	0.00
ARDC01	1.00	0.00	0.61	0.00	0.39	0.00	0.00	0.00	0.56	0.00
ARDC02_Culvert450	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.51	0.00
ARDC03	1.00	0.00	0.36	0.00	0.64	0.00	0.00	0.00	1.00	0.00
ARDC04_Culvert450	1.00	0.00	0.00	0.00	0.85	0.15	0.00	0.00	0.41	0.00
ARDC05	1.00	0.12	0.17	0.00	0.70	0.00	0.00	0.00	0.75	0.00
ARDC06	1.00	0.00	0.12	0.00	0.88	0.00	0.00	0.00	1.00	0.00
ARDC07_Culvert450	1.00	0.00	0.00	0.00	0.88	0.12	0.00	0.00	0.25	0.00
ARDC08	1.00	0.00	0.09	0.00	0.91	0.00	0.00	0.00	0.99	0.00
ARDC09	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
ARDC10	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
ARDC11	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.19	0.00
ARDC12	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
ARDC13	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
ARDC14_Culvert600	1.00	0.00	0.00	0.00	0.77	0.23	0.00	0.00	0.93	0.00
C1_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C1_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C10	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.98	0.00
C103	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.06	0.00
C105	1.00	0.56	0.07	0.00	0.37	0.00	0.00	0.00	0.41	0.00
C113	1.00	0.00	0.51	0.00	0.49	0.00	0.00	0.00	1.00	0.00
C115	1.00	0.00	0.00	0.00	0.30	0.00	0.00	0.70	0.02	0.00
C116	1.00	0.25	0.37	0.00	0.37	0.00	0.00	0.00	0.70	0.00
C12_1	1.00	0.12	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C124	1.00	0.00	0.63	0.00	0.37	0.00	0.00	0.00	0.82	0.00
C128	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
C132	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.34	0.00
C134	1.00	0.38	0.07	0.00	0.55	0.00	0.00	0.00	0.97	0.00
C137	1.00	0.03	0.00	0.00	0.83	0.14	0.00	0.00	0.94	0.00
C138	1.00	0.07	0.27	0.00	0.67	0.00	0.00	0.00	0.72	0.00
C142	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C144	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C145	1.00	0.10	0.29	0.00	0.62	0.00	0.00	0.00	0.85	0.00
C147	1.00	0.00	0.00	0.00	0.91	0.09	0.00	0.00	0.00	0.36
C153	1.00	0.00	0.41	0.00	0.59	0.00	0.00	0.00	0.87	0.00
C155	1.00	0.54	0.09	0.00	0.37	0.00	0.00	0.00	0.39	0.00
C156	1.00	0.00	0.64	0.00	0.36	0.00	0.00	0.00	0.82	0.00
C16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C163	1.00	0.10	0.00	0.00	0.90	0.00	0.00	0.00	0.88	0.00
C165	1.00	0.00	0.53	0.00	0.46	0.00	0.00	0.00	0.96	0.00
C167	1.00	0.00	0.56	0.00	0.44	0.00	0.00	0.00	0.99	0.00
C172	1.00	0.00	0.55	0.00	0.44	0.00	0.00	0.00	0.97	0.00
C176	1.00	0.48	0.03	0.00	0.49	0.00	0.00	0.00	0.18	0.00
C180	1.00	0.11	0.05	0.00	0.84	0.00	0.00	0.00	0.00	0.00
C186	1.00	0.36	0.02	0.00	0.62	0.00	0.00	0.00	0.30	0.00
C189	1.00	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.95	0.00
C190	1.00	0.24	0.02	0.00	0.74	0.00	0.00	0.00	0.43	0.00
C196	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C199	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.06	0.00
C2	1.00	0.00	0.06	0.00	0.94	0.00	0.00	0.00	0.52	0.00
C200	1.00	0.00	0.42	0.00	0.58	0.00	0.00	0.00	0.96	0.00
C202	1.00	0.39	0.10	0.00	0.51	0.00	0.00	0.00	0.58	0.00
C207	1.00	0.32	0.04	0.00	0.64	0.00	0.00	0.00	0.76	0.00
C213	1.00	0.00	0.48	0.00	0.52	0.00	0.00	0.00	0.99	0.00
C213_1	1.00	0.00	0.17	0.00	0.83	0.00	0.00	0.00	0.97	0.00
C213_3	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.88	0.00
C213_4	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.90	0.00
C214	1.00	0.00	0.31	0.00	0.69	0.00	0.00	0.00	1.00	0.00
C218	1.00	0.71	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C22	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C221	1.00	0.37	0.17	0.00	0.46	0.00	0.00	0.00	0.57	0.00
C223	1.00	0.51	0.12	0.00	0.36	0.00	0.00	0.00	0.40	0.00
C225	1.00	0.00	0.10	0.00	0.90	0.00	0.00	0.00	0.98	0.00
C226	1.00	0.00	0.39	0.00	0.61	0.00	0.00	0.00	0.98	0.00
C23	1.00	0.00	0.57	0.00	0.43	0.00	0.00	0.00	0.99	0.00
C230	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C231_1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C231_2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C233	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.00
C234	1.00	0.00	0.40	0.00	0.60	0.00	0.00	0.00	0.93	0.00
C239	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.11	0.00
C24	1.00	0.39	0.29	0.00	0.32	0.00	0.00	0.00	0.57	0.00
C241	1.00	0.17	0.09	0.00	0.73	0.00	0.00	0.00	0.69	0.00

C245	1.00	0.37	0.02	0.00	0.61	0.00	0.00	0.00	0.09	0.00
C248	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.08	0.00
C25	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C251	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.00
C256	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.00
C259	1.00	0.00	0.37	0.00	0.63	0.00	0.00	0.00	0.99	0.00
C262	1.00	0.21	0.11	0.00	0.68	0.00	0.00	0.00	0.79	0.00
C263	1.00	0.22	0.03	0.00	0.74	0.00	0.00	0.00	0.70	0.00
C266	1.00	0.22	0.40	0.00	0.39	0.00	0.00	0.00	0.70	0.00
C267	1.00	0.45	0.06	0.00	0.48	0.00	0.00	0.00	0.48	0.00
C268	1.00	0.00	0.15	0.00	0.85	0.00	0.00	0.00	0.98	0.00
C27	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.11
C27_1	1.00	0.00	0.00	0.00	0.65	0.35	0.00	0.00	0.23	0.00
C27_2	1.00	0.08	0.09	0.00	0.83	0.00	0.00	0.00	0.90	0.00
C271	1.00	0.00	0.54	0.00	0.46	0.00	0.00	0.00	0.98	0.00
C272	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.65	0.00
C275	1.00	0.07	0.14	0.00	0.79	0.00	0.00	0.00	0.65	0.00
C276	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
C277	1.00	0.01	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C279	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.96	0.00
C282	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C283	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.22	0.00
C284	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C285	1.00	0.00	0.08	0.00	0.92	0.00	0.00	0.00	1.00	0.00
C287	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.01	0.00
C287_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
C287_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C288	1.00	0.00	0.22	0.00	0.78	0.00	0.00	0.00	0.89	0.00
C289	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.78	0.00
C29	1.00	0.00	0.49	0.00	0.51	0.00	0.00	0.00	0.96	0.00
C291	1.00	0.10	0.13	0.00	0.78	0.00	0.00	0.00	0.90	0.00
C292	1.00	0.02	0.01	0.00	0.97	0.00	0.00	0.00	0.92	0.00
C294	1.00	0.39	0.07	0.00	0.54	0.00	0.00	0.00	0.51	0.00
C296	1.00	0.12	0.27	0.00	0.61	0.00	0.00	0.00	0.60	0.00
C297_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.08	0.00
C299	1.00	0.02	0.00	0.00	0.03	0.95	0.00	0.00	0.00	0.00
C3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C30	1.00	0.00	0.53	0.00	0.47	0.00	0.00	0.00	0.97	0.00
C300	1.00	0.18	0.22	0.00	0.60	0.00	0.00	0.00	0.68	0.00
C305	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
C308	1.00	0.00	0.07	0.00	0.93	0.00	0.00	0.00	0.94	0.00
C309	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.99	0.00
C31	1.00	0.00	0.36	0.00	0.64	0.00	0.00	0.00	0.95	0.00
C310_1	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C310_2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C311	1.00	0.23	0.30	0.00	0.47	0.00	0.00	0.00	0.56	0.00
C313	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.86	0.00
C314	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C319	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07	0.00
C32	1.00	0.38	0.18	0.00	0.44	0.00	0.00	0.00	0.53	0.00
C320	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C322	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C324	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C326	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C327	1.00	0.00	0.10	0.00	0.90	0.00	0.00	0.00	0.88	0.00
C329	1.00	0.00	0.10	0.00	0.90	0.00	0.00	0.00	0.00	0.00
C33	1.00	0.06	0.02	0.00	0.92	0.00	0.00	0.00	0.03	0.00
C331	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.11	0.00
C333	1.00	0.10	0.00	0.00	0.90	0.01	0.00	0.00	0.00	0.00
C334	1.00	0.00	0.71	0.00	0.29	0.01	0.00	0.00	0.97	0.00
C335	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
C34	1.00	0.00	0.12	0.00	0.88	0.00	0.00	0.00	1.00	0.00
C340	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C341	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C346	1.00	0.00	0.11	0.00	0.89	0.00	0.00	0.00	0.72	0.00
C35	1.00	0.00	0.31	0.00	0.69	0.00	0.00	0.00	0.90	0.00
C350	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.20	0.00
C352	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.09	0.00
C353	1.00	0.65	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C355	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.74	0.00
C356	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.00
C359	1.00	0.00	0.18	0.00	0.82	0.00	0.00	0.00	1.00	0.00
C36	1.00	0.27	0.07	0.00	0.66	0.00	0.00	0.00	0.03	0.00
C361	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
C363	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.71	0.00
C365	1.00	0.01	0.11	0.00	0.89	0.00	0.00	0.00	0.00	0.00
C367	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.77	0.00
C371	1.00	0.11	0.00	0.00	0.88	0.01	0.00	0.00	0.87	0.00
C372	1.00	0.00	0.65	0.00	0.35	0.00	0.00	0.00	0.84	0.00
C374	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.12	0.00
C375	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
C376	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C377	1.00	0.12	0.00	0.00	0.88	0.00	0.00	0.00	0.69	0.00
C378	1.00	0.12	0.00	0.00	0.88	0.00	0.00	0.00	0.87	0.00
C379	1.00	0.12	0.00	0.00	0.88	0.00	0.00	0.00	0.00	0.00
C38	1.00	0.00	0.59	0.00	0.41	0.00	0.00	0.00	0.99	0.00
C381_1	1.00	0.01	0.12	0.00	0.87	0.00	0.00	0.00	0.87	0.00
C381_2	1.00	0.01	0.10	0.00	0.90	0.00	0.00	0.00	0.00	0.00
C384	1.00	0.10	0.00	0.00	0.90	0.00	0.00	0.00	0.89	0.00
C385	1.00	0.10	0.00	0.00	0.89	0.00	0.00	0.00	0.89	0.00
C388	1.00	0.11	0.00	0.00	0.89	0.00	0.00	0.00	0.00	0.00
C391	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.97	0.00
C397	1.00	0.11	0.00	0.00	0.89	0.00	0.00	0.00	0.00	0.00
C398	1.00	0.00	0.11	0.00	0.81	0.08	0.00	0.00	0.75	0.00
C399	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.80	0.00
C4	1.00	0.37	0.21	0.00	0.43	0.00	0.00	0.00	0.51	0.00
C401	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C403	1.00	0.00	0.62	0.00	0.38	0.00	0.00	0.00	0.97	0.00
C405	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.94	0.00
C407	1.00	0.00	0.81	0.00	0.19	0.00	0.00	0.00	0.72	0.00
C408	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.13	0.00
C409	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
C41	1.00	0.00	0.39	0.00	0.61	0.00	0.00	0.00	0.70	0.00

C413	1.00	0.00	0.18	0.00	0.82	0.00	0.00	0.00	1.00	0.00
C416	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
C42	1.00	0.13	0.01	0.00	0.86	0.00	0.00	0.00	0.32	0.00
C420	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.66	0.00
C423	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.77	0.00
C425	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.57	0.00
C429	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C43	1.00	0.13	0.40	0.00	0.47	0.00	0.00	0.00	0.63	0.00
C432	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C433	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07	0.00
C437	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.99	0.00
C439_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C439_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C44	1.00	0.00	0.19	0.00	0.81	0.00	0.00	0.00	0.95	0.00
C444_2	1.00	0.02	0.75	0.00	0.23	0.00	0.00	0.00	0.94	0.00
C445	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.81	0.00
C447	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
C448	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.99	0.00
C451	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.03	0.00
C452	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C455	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.84	0.00
C457	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.22	0.00
C460	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C465	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.83	0.00
C466	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C468	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.97	0.00
C469	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
C47	1.00	0.53	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C472	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
C474	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.46	0.00
C475	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07	0.00
C478	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.24	0.00
C481	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.56	0.00
C485	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.12	0.00
C486	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
C49	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.09	0.00
C490	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.07	0.00
C491	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.99	0.00
C493	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.21	0.00
C498	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C499	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C5	1.00	0.00	0.61	0.00	0.39	0.00	0.00	0.00	0.99	0.00
C50	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C505	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
C507	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.00
C513	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07	0.00
C514	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.00
C517	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
C518	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
C52	1.00	0.00	0.55	0.00	0.44	0.00	0.00	0.00	0.78	0.00
C520	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C521	1.00	0.46	0.06	0.00	0.48	0.00	0.00	0.00	0.23	0.00
C522	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
C524	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C525	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C525_3	1.00	0.01	0.46	0.00	0.53	0.00	0.00	0.00	0.95	0.00
C528	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
C53	1.00	0.00	0.50	0.00	0.50	0.00	0.00	0.00	0.95	0.00
C530	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.07	0.00
C535	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.88	0.00
C537_2	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.01	0.00
C537_3	1.00	0.00	0.00	0.00	0.97	0.00	0.00	0.03	0.75	0.00
C540	1.00	0.58	0.07	0.00	0.35	0.00	0.00	0.00	0.39	0.00
C541	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.41	0.00
C542	1.00	0.48	0.10	0.00	0.42	0.00	0.00	0.00	0.48	0.00
C543	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.69	0.00
C545	1.00	0.37	0.11	0.00	0.52	0.00	0.00	0.00	0.59	0.00
C546	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C547	1.00	0.00	0.37	0.00	0.63	0.00	0.00	0.00	0.98	0.00
C548	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C550	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.09	0.00
C551	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C552	1.00	0.25	0.11	0.00	0.64	0.00	0.00	0.00	0.97	0.00
C553_1	1.00	0.00	0.25	0.00	0.75	0.00	0.00	0.00	0.83	0.00
C553_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
C555	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.81	0.00
C556	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.67	0.00
C557	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.80	0.00
C558	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C559	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.19	0.00
C560_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.79	0.00
C560_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
C561	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.08	0.00
C562	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C569	1.00	0.00	0.57	0.00	0.43	0.00	0.00	0.00	0.99	0.00
C57	1.00	0.47	0.19	0.00	0.34	0.00	0.00	0.00	0.49	0.00
C575	1.00	0.00	0.00	0.00	0.90	0.10	0.00	0.00	0.76	0.00
C58	1.00	0.00	0.45	0.00	0.55	0.00	0.00	0.00	0.93	0.00
C580	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C584	1.00	0.00	0.24	0.00	0.76	0.00	0.00	0.00	0.74	0.00
C586	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C587_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C6	1.00	0.00	0.15	0.00	0.85	0.00	0.00	0.00	0.19	0.00
C60	1.00	0.00	0.53	0.00	0.47	0.00	0.00	0.00	0.98	0.00
C600	1.00	0.00	0.37	0.00	0.63	0.00	0.00	0.00	0.98	0.00
C614_2	1.00	0.00	0.34	0.00	0.66	0.00	0.00	0.00	0.98	0.00
C615	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C617	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
C62	1.00	0.25	0.28	0.00	0.46	0.00	0.00	0.00	0.69	0.00
C621	1.00	0.00	0.32	0.00	0.68	0.00	0.00	0.00	0.98	0.00
C622	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.98	0.00
C624	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
C63_1	1.00	0.00	0.80	0.00	0.19	0.00	0.00	0.00	0.87	0.00

C66	1.00	0.00	0.48	0.00	0.52	0.00	0.00	0.00	1.00	0.00
C7	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C7_1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C7_2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C70	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.14	0.00
C72	1.00	0.00	0.13	0.00	0.87	0.00	0.00	0.00	0.81	0.00
C78	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C80	1.00	0.06	0.00	0.00	0.88	0.07	0.00	0.00	0.93	0.00
C81	1.00	0.05	0.00	0.00	0.53	0.42	0.00	0.00	0.00	0.00
C82	1.00	0.27	0.20	0.00	0.53	0.00	0.00	0.00	0.60	0.00
C85	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C88	1.00	0.55	0.08	0.00	0.37	0.00	0.00	0.00	0.15	0.00
C9	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.11	0.00
C9_1	1.00	0.12	0.00	0.00	0.88	0.00	0.00	0.00	0.87	0.00
C9_2	1.00	0.00	0.12	0.00	0.88	0.00	0.00	0.00	0.72	0.00
C93	1.00	0.00	0.00	0.00	0.66	0.33	0.00	0.00	0.29	0.00
C96	1.00	0.04	0.36	0.00	0.60	0.00	0.00	0.00	0.90	0.00
DDC01_CULVERT_600	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
DDC02	1.00	0.10	0.21	0.00	0.69	0.00	0.00	0.00	0.91	0.00
DDC03	1.00	0.01	0.10	0.00	0.89	0.00	0.00	0.00	0.92	0.00
DDC04	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.98	0.00
DDC05	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
DDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
MD_AR_Culvert700mm	1.00	0.03	0.00	0.00	0.96	0.00	0.00	0.01	0.00	0.96
PDC01	1.00	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.77	0.00
PDC02_CULVERT450	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.00	0.00
PDC03	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.76	0.00
PDC04	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.75	0.00
PDC05	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.62	0.00
PDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.27	0.00
PDC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.73	0.00
PDC08_CULVERT450	1.00	0.00	0.00	0.00	0.89	0.11	0.00	0.00	0.02	0.00
PDC09	1.00	0.00	0.08	0.00	0.92	0.00	0.00	0.00	0.79	0.00

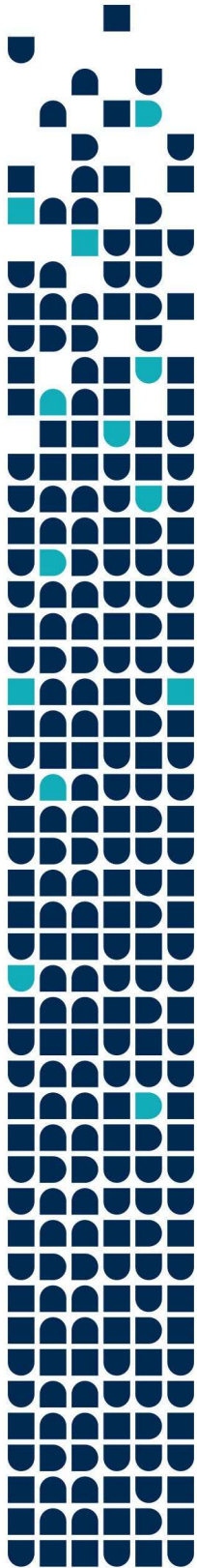
Conduit Surcharge Summary

Conduit	Hours Full			Hours	Hours
	Both Ends	Upstream	Dnstream	Above Full Normal Flow	Capacity Limited
PDC02_CULVERT450	0.01	0.01	0.01	0.23	0.01
PDC08_CULVERT450	0.14	0.17	6.61	0.22	0.14

Pumping Summary

Pump	Percent Utilized	Number of Start-Ups	Min	Avg	Max	Total	Power Usage Kw-hr	% Time Off Pump Curve	
			Flow CMS	Flow CMS	Flow CMS	Volume 10^6 ltr		Low	High
P1	31.78	1	0.00	0.02	0.03	2.745	14.40	0.0	100.0
P2	12.50	1	0.00	0.02	0.03	1.080	2.07	0.0	100.0

Analysis begun on: Thu Jan 22 16:03:06 2026
Analysis ended on: Thu Jan 22 16:03:20 2026
Total elapsed time: 00:00:14



Appendix C: Topographic Survey

INTEGRATION COORDINATE TABLE		
OBSERVED REFERENCE POINTS ARE DERIVED FROM REAL TIME KINEMATIC (RTK) GNSS OBSERVATIONS USING SPECIFIED CONTROL POINTS AND ARE REFERRED TO MTM ZONE 9, (76°30' WEST LONGITUDE) NAD83 (CSRS) (2010). COORDINATES TO URBAN ACCURACY PER SEC. 14(2) OF O.REG. 216/10		
SCP	NORTHING	EASTING
00820010121	5008677.646	364395.215
00820010122	5009052.237	364187.418
ORP	NORTHING	EASTING
A	5008379.46	363251.12
B	5008622.24	363659.53
C	5008871.69	364109.19
D	5008768.72	364213.48
COORDINATES CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH THE CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.		

TOPOGRAPHIC PLAN OF SURVEY OF
PART OF THE SOUTHEAST 1/4 LOT 3
CONCESSION 4 RIDEAU FRONT
GEOGRAPHIC TOWNSHIP OF NEPEAN
CITY OF OTTAWA
TULLOCH GEOMATICS INC.
2025
SCALE 1:2000



THE INTENDED PLOT SIZE OF THIS PLAN IS 914mm IN WIDTH BY 565mm IN HEIGHT WHEN PLOTTED AT A SCALE OF 1:2000.

METRIC:
DISTANCES AND COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

DISTANCE NOTE:
GROUND DISTANCES SHOWN HEREON CAN BE CONVERTED TO MTM GRID BY MULTIPLYING BY A COMBINED SCALE FACTOR OF 0.999933.

BEARING NOTE:
BEARINGS ARE MTM GRID DERIVED FROM REAL TIME KINEMATIC (RTK) GNSS OBSERVATIONS USING SPECIFIED CONTROL POINTS 00820010121 AND 00820010122 ARE REFERRED TO THE CENTRAL MERIDIAN OF MTM ZONE 9 (76°30' WEST LONGITUDE) NAD83 (CSRS) (2010.0).

ROTATION NOTE:
A ROTATION OF 0°58'30" COUNTER CLOCKWISE HAS BEEN APPLIED TO THE ASTRONOMIC BEARINGS OF UNDERLYING PLANS P1 AND P2 TO ACCOUNT FOR DIFFERENT REFERENCE MERIDIANS.
NO ROTATION HAS BEEN APPLIED TO THE MTM GRID BEARINGS OF UNDERLYING PLANS P3, P4, P5 OR P6.

- LEGEND:**
- DENOTES FOUND MONUMENT
 - DENOTES PLANTED MONUMENT
 - DENOTES FOUND SPECIFIED CONTROL POINT
 - DENOTES PLANTED SPECIFIED CONTROL POINT
 - DENOTES STANDARD IRON BAR
 - DENOTES SHORT STANDARD IRON BAR
 - DENOTES IRON BAR
 - DENOTES ROUND IRON BAR
 - DENOTES SPECIFIED REFERENCE POINT
 - DENOTES OBSERVED REFERENCE POINT
 - DENOTES PROPERTY IDENTIFICATION NUMBER
 - M DENOTES MEASURED
 - S DENOTES SET
 - WT DENOTES WITNESS
 - BM DENOTES BENCHMARK
 - ELEV DENOTES ELEVATION
 - FNE DENOTES FOUND NO EVIDENCE
 - FD DENOTES FOUND
 - EST DENOTES ESTABLISHED
 - INT DENOTES INTERSECTION
 - AOG DENOTES ANNIS, O'SULLIVAN & GOLTZ INC., O.L.S.
 - 725 DENOTES ARNETT, KENNEDY, RIDDELL & JASON SURVEYING LTD., O.L.S.
 - 1152 DENOTES J.E. KIH, O.L.S.
 - 1236 DENOTES P.A. RIDDELL, O.L.S.
 - 1697 DENOTES H.A. KEN SHIPMAN SURVEYING LTD., O.L.S.
 - P1 DENOTES PLAN 4R-1203
 - P2 DENOTES PLAN 4R-1041
 - P3 DENOTES PLAN 4R-21685
 - P4 DENOTES PLAN 4R-14661
 - P5 DENOTES EXPROPRIATION PLAN N-568147
 - P6 DENOTES PLAN 4R-16095
 - NTS DENOTES NOT TO SCALE

- TOPOGRAPHIC LEGEND:**
- PWF DENOTES POST AND WIRE FENCE
 - CPP DENOTES CORRUGATED PLASTIC PIPE
 - CSP DENOTES CORRUGATED STEEL PIPE
 - UM DENOTES UNDERGROUND UTILITY MARKER
 - TB DENOTES TERMINAL BOX
 - HP DENOTES HYDRO POLE
 - AN DENOTES ANCHOR POLE
 - MW DENOTES MONITORING WELL
 - T DENOTES T POST
 - φ DENOTES DIAMETER
 - ~ DENOTES TREE LINE
 - DENOTES BOTTOM OF DITCH
 - DENOTES POST AND WIRE FENCE LINE
 - DENOTES OVERHEAD WIRES
 - BT DENOTES BURIED TELECOMMUNICATIONS
 - BE DENOTES BURIED ELECTRIC
 - DENOTES QUALITY LEVEL "B"
 - DENOTES 1.00m MAJOR CONTOUR LINE
 - DENOTES 0.25m MINOR CONTOUR LINE

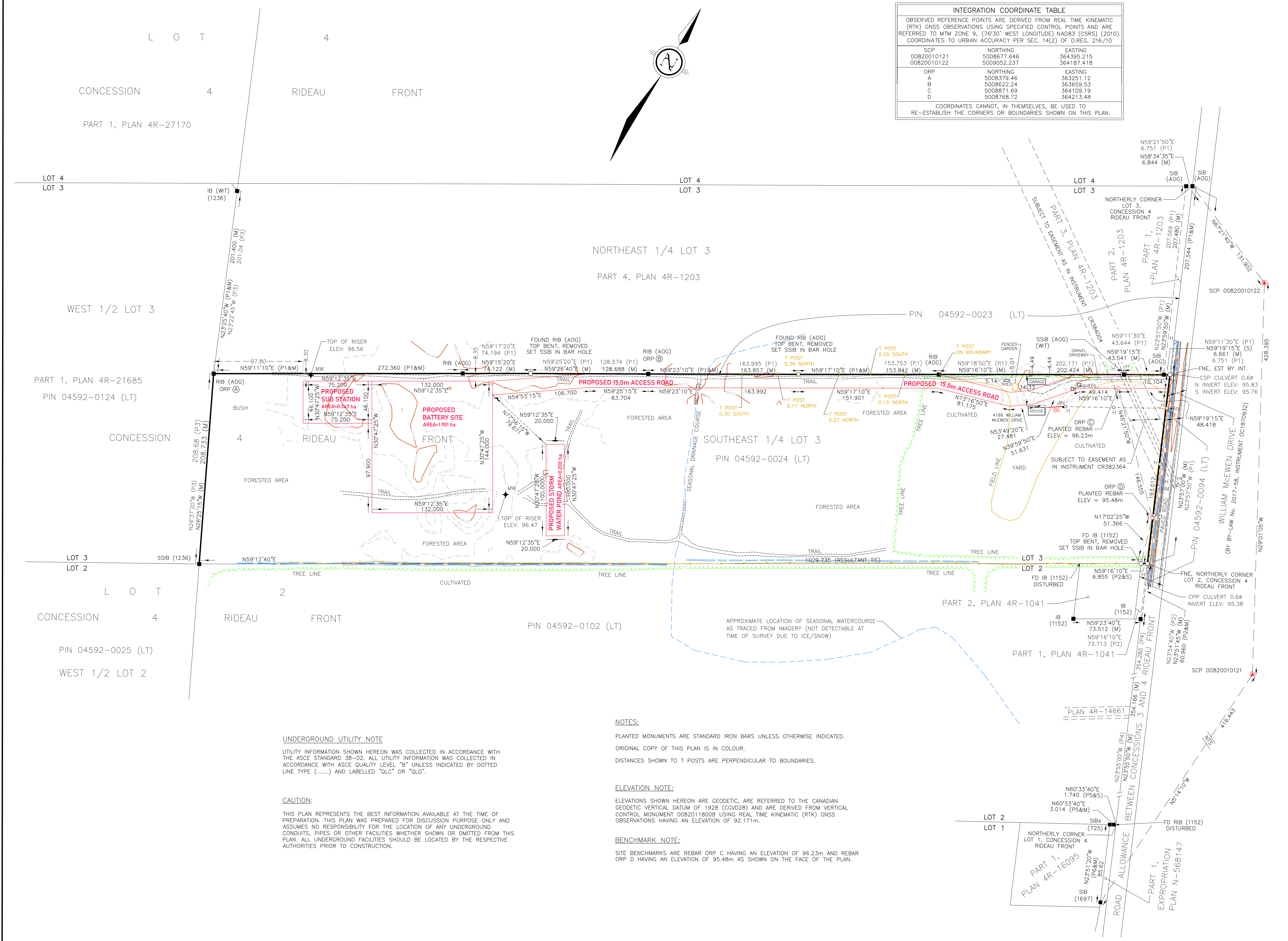
SURVEYOR'S CERTIFICATE
I CERTIFY THAT:
(1) THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT AND THE SURVEYORS ACT AND THE REGULATIONS MADE UNDER THEM.
(2) THE SURVEY WAS COMPLETED ON THE 24th DAY OF FEBRUARY, 2025.

MARCH 12, 2025
DATE
THOMAS J. CORTENS
ONTARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-97473.

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DRAWN BY: MAL | 241437



- NOTES:**
PLANTED MONUMENTS ARE STANDARD IRON BARS UNLESS OTHERWISE INDICATED.
ORIGINAL COPY OF THIS PLAN IS IN COLOUR.
DISTANCES SHOWN TO T POSTS ARE PERPENDICULAR TO BOUNDARIES.
- ELEVATION NOTE:**
ELEVATIONS SHOWN HEREON ARE GEODETIC, ARE REFERRED TO THE CANADIAN GEODETIC VERTICAL DATUM OF 1928 (CGVD28) AND ARE DERIVED FROM VERTICAL CONTROL MONUMENT 00820118008 USING REAL TIME KINEMATIC (RTK) GNSS OBSERVATIONS HAVING AN ELEVATION OF 92.171m.
- BENCHMARK NOTE:**
SITE BENCHMARKS ARE REBAR ORP C HAVING AN ELEVATION OF 96.23m AND REBAR ORP D HAVING AN ELEVATION OF 95.48m AS SHOWN ON THE FACE OF THE PLAN.

UNDERGROUND UTILITY NOTE
UTILITY INFORMATION SHOWN HEREON WAS COLLECTED IN ACCORDANCE WITH THE ASCE STANDARD 38-02. ALL UTILITY INFORMATION WAS COLLECTED IN ACCORDANCE WITH ASCE QUALITY LEVEL "B" UNLESS INDICATED BY DOTTED LINE TYPE (.....) AND LABELLED "QLC" OR "QLD".

CAUTION:
THIS PLAN REPRESENTS THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION. THIS PLAN WAS PREPARED FOR DISCUSSION PURPOSE ONLY AND ASSUMES NO RESPONSIBILITY FOR THE LOCATION OF ANY UNDERGROUND CONDUITS, PIPES OR OTHER FACILITIES WHETHER SHOWN OR OMITTED FROM THIS PLAN. ALL UNDERGROUND FACILITIES SHOULD BE LOCATED BY THE RESPECTIVE AUTHORITIES PRIOR TO CONSTRUCTION.

LOT 4
CONCESSION 4 RIDEAU FRONT
PART 1, PLAN 4R-27170

LOT 4
LOT 3

NORTHEAST 1/4 LOT 3
PART 4, PLAN 4R-1203

WEST 1/2 LOT 3

PART 1, PLAN 4R-21685
PIN 04592-0124 (LT)

CONCESSION 4 RIDEAU FRONT

LOT 3
LOT 2

CONCESSION 4 RIDEAU FRONT
WEST 1/2 LOT 2
PIN 04592-0025 (LT)

PIN 04592-0102 (LT)

SOUTHEAST 1/4 LOT 3
PIN 04592-0024 (LT)

PART 2, PLAN 4R-1041

PART 1, PLAN 4R-1041

PLAN 4R-14661

PART 1, PLAN 4R-16095