

Evolugen

South March BESS

Ottawa, ON

Technical Report

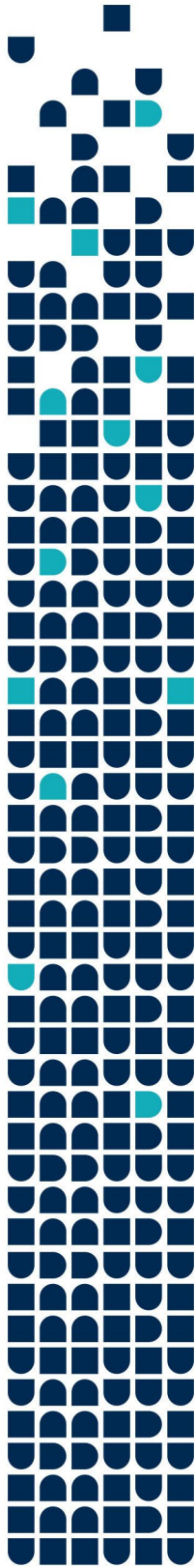
Stormwater Management Report and Water Budget Assessment

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FOR PERMIT

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1. Introduction

Fitzroy BESS Inc., a subsidiary of Evolugen by Brookfield Renewable (Brookfield) in partnership with the Algonquins of Pikwàkanagàn, is proposing to develop the South March Battery Energy Storage System (BESS) Project (the Project). The Project will be in the West Carleton-March Ward in the City of Ottawa, Ontario. The Project is located on two leased parcels of land at 2555 and 2625 Marchurst Road, Ottawa, Ontario, and situated south of Thomas A. Dolan Parkway, west of Marchurst Road, and north of John Aselford Drive. The Project has a Development Area of approximately 9.0 hectares on approximately 84.5 hectares of property. The leased rural lots currently include two residential buildings with an access lane, naturalized areas with woodland and wetland, as well as limited non-commercial pasture use.

The Project is a 250 megawatt (MW) energy storage facility that uses lithium ion (lithium iron phosphate) technology and is designed to store up to 1,000 megawatt hours of energy, providing four hours of continuous discharge at full capacity.

The Project will consist of 256 BESS containers at the start of commercial operations and will progressively increase to 307 BESS containers over the duration of the IESO Offtake Agreement. The additional BESS containers will be added through the augmentation process to maintain the required 250 MW capacity. This process is further detailed within the Augmentation Process Memo.

This report considers the full Augmentation Process (a total of 307 BESS containers). Its findings and conclusions are not affected by any stage of augmentation, from 256 to 307 BESS containers.

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) and water budget assessment 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;
- Water budget assessment;
- Erosion and sediment control; and
- 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
MVCA	Mississippi Valley Conservation Authority
SCS CN	Soil Conservation Service Curve Number
SWMM	Stormwater Management Model
SWMP	Stormwater Management Plan
WBA	Water Budget Assessment
TSS	Total Suspended Solids
US EPA	United States Environmental Protection Agency
USDA	United States Department of Agriculture

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	Metres below ground surface
masl	Metres 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
City of Ottawa	Official Plan (November 2022)
City of Ottawa	Ottawa Sewer Design Guidelines, 2025
City of Ottawa	Sewer Use Bylaw (Bylaw No. 2003-514) (January 2004)
City of Ottawa	Technical Bulletin ISDTB-2014-01, Revisions to Ottawa Design Guidelines – Sewer (February 2014)
City of Ottawa	Technical Bulletin PIEDTB-2016-01, Revisions to Ottawa Design Guidelines – Sewer (September 2016)
City of Ottawa	Technical Bulletin ISDTB-2018-01, Revisions to Ottawa Design Guidelines – Sewer (March 2018)
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)
City of Ottawa	Technical Bulletin IWSDB-2024-04, Revisions to Ottawa Design Guidelines – Sewer (April 2024)
City of Ottawa	City of Ottawa Water Budget Assessment guidelines
IEEE 980	Guide for Containment and Control of Oil Spills in Substations
MVC	Mississippi Valley Conservation
Mississippi Valley Conservation Authority (MVCA)	MVCA Regulation Policies (April 2024)
The Mississippi-Rideau Source Protection Region	Mississippi Valley Source Protection Area Assessment report, Chapter 3 water budget, August 2022.
MNR	Ontario Ministry of Natural Resources
Ontario MOE	Design Guidelines for Sewage Works (2008)
Ontario MOE	Stormwater Management Planning and Design Manual (March 2003)
Ontario MTO	MTO Drainage Management Manual (1997)
Province of Ontario	Conservation Authorities Act – Ontario Regulation 41/24
Environment Canada 2005	Environment Canada 2005
US Department of the Interior (H.J. Tracy)	Discharge Characteristics of Broad-Crested Weirs (1957)
US EPA (Lewis A. Rossman)	Storm Water Management Model User's Manual Version 5.1 (September 2015)
USDA	Urban Hydrology for Small Watersheds TR-55 (June 1986)
Ontario Technical Guide to Renewable Energy Approval (REA) under O. Reg. 359/09 of the Environmental Protection Act	

1.4. Reference documents

The reference documents are summarized in Table 4.

Table 4: Reference documents

Document code/Author	Document title
Tulloch	Topographic Plan of Survey of Part of the East ½ Lot 25 and Part of the Southeast ½ Lot 26 Concession 1 Geographic Township of March (241451-South March_BEES-MTM9-Rev0), dated March 11, 2025)
Hatch Ltd.	South March BESS Site Geotechnical Investigation - Hydrogeological and Terrain Analysis Study (H375142-0000-2A4-030-0001Rev. 1)

Document code/Author	Document title
Hatch Ltd.	South March Battery Energy Storage System (BESS) Geotechnical Investigation Report (H375142-0000-2A0-230-0001, Rev. 3)
Hatch Ltd.	South March Battery Energy Storage System (BESS) Fluvial Geomorphology Assessment (H375142-0000-2B0-066-0001, Rev.2)

2. Background

2.1. Site description

The proposed development (Figure 2) consists of the BESS area, substation, stormwater pond, and an access road. The substation and wet pond are located on the south and north ends of the site, respectively. Access to the site is provided via road from Marchurst Road.

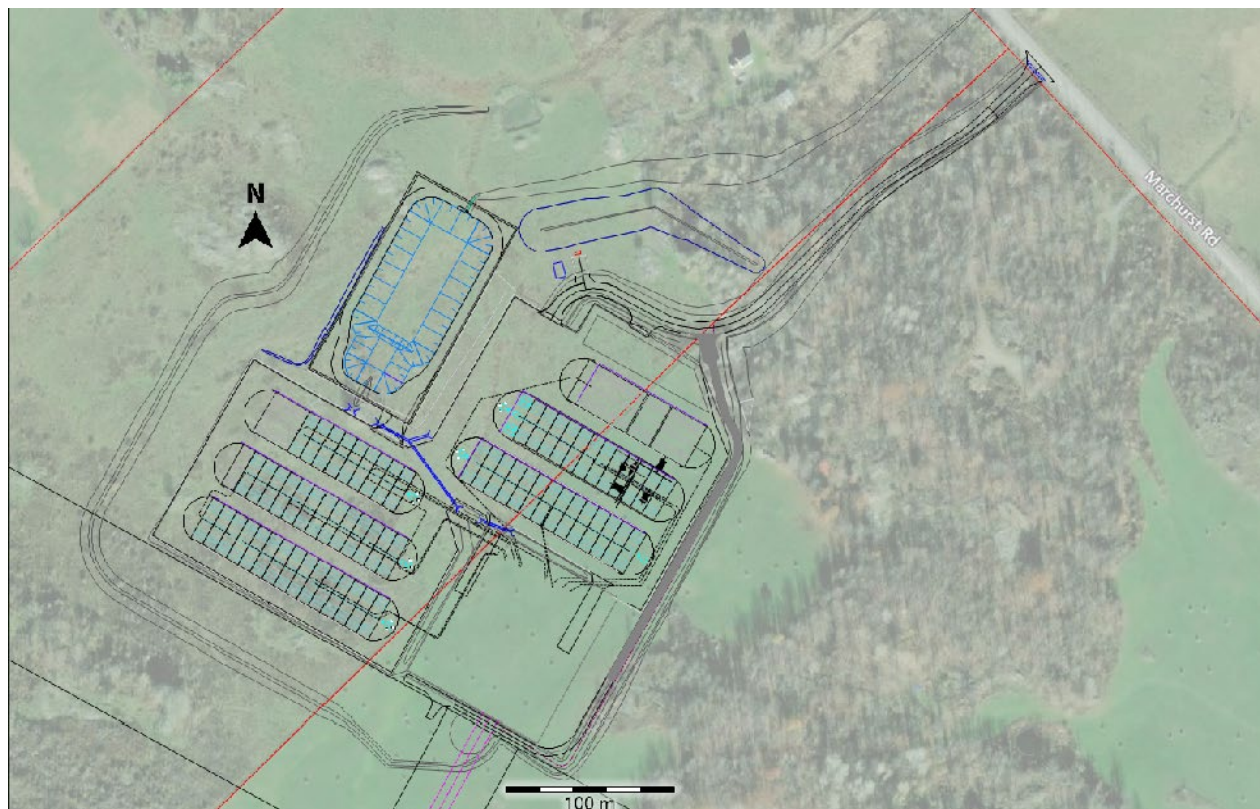


Figure 2: Developed areas for the BESS site (source: Google Earth)



The site is relatively flat with an elevation change of approximately 99 to 104 masl across the site based on MTM zone 9 (horizontal datum) CGDV28 (vertical datum) from the Tulloch site survey. The BESS site runoff is planned to drain north to a proposed stormwater pond in the post-development situation.

The project site is located within the Ottawa River Watershed. The existing watercourse that runs through the site will be redirected through a vegetated diversion watercourse around the site to exit the developed area and discharge its water to the natural pond located on the north side. The proposed watercourse's new arrangement is shown in Figure 3.

The nearby Old Carp Road, located south of the site, 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. This project follows the policy by having the site located away from Old Carp Road and remaining hidden by existing trees.





The stormwater detention wet pond will be used as the end-of-pipe control to manage quantity, quality, and erosion controls. A storm pipe will be installed at the pond outlet that connects to a proposed surface water feature that conveys stormwater from the wet pond to the ditch along the Marchurst road and then drains to watercourses leading to Constance Lake. This is done to ensure the destination of the water will not change with the construction of the development.

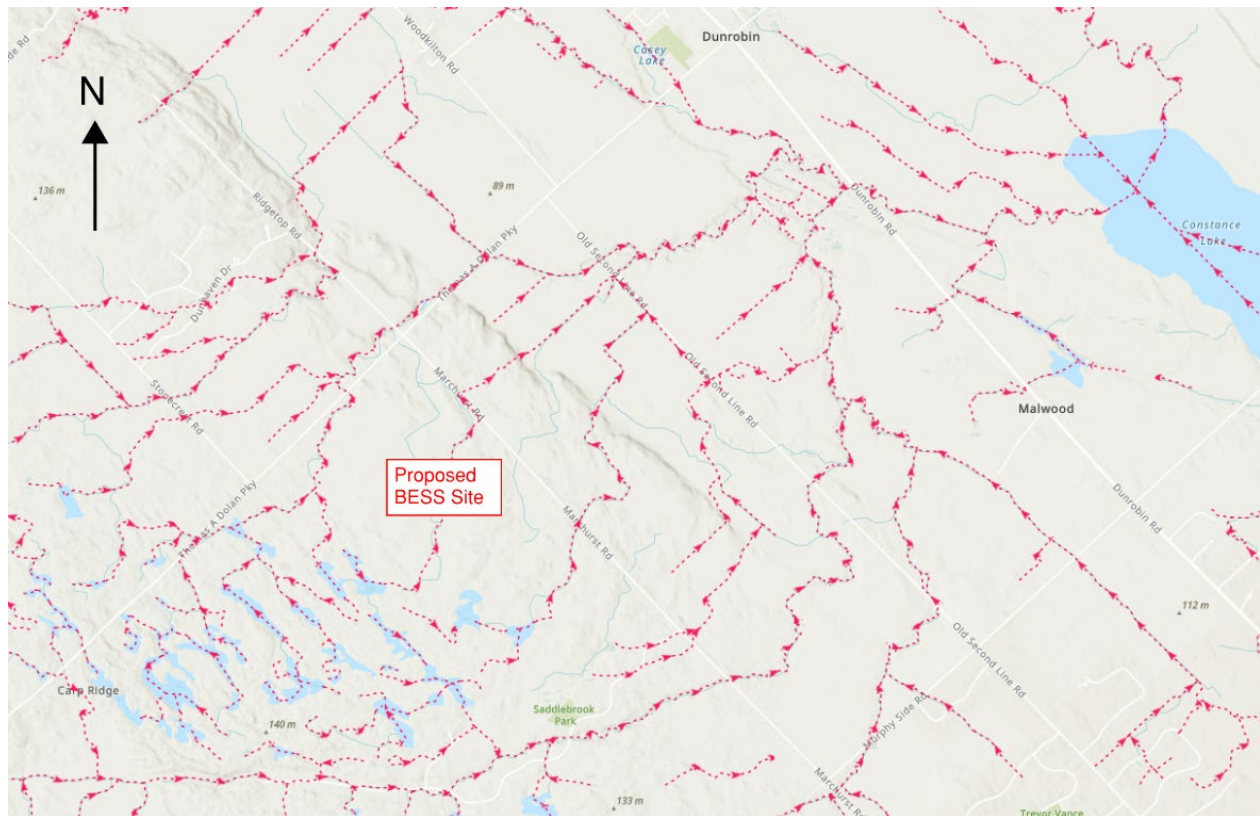


Figure 4: Overland Flow direction (source: GeoOttawa)

2.2. Regulation area and flooding hazard

The Regulation Limit Boundary, obtained from the MVCA Regulation Map, is shown in Figure 5 and Figure 6. Ontario Regulation 41/24 applies to the lot due to the presence of a waterway (Figure 5). The yellow line shows the regulated zones, which are defined in MVCA Regulation Policies as 30 m from wetlands (green line) and 15 m from the 100-yr flood area (red line). The actual setback of the developed area is approximately 150 m from non-Provincially Significant wetlands and 950 m from the 100-year flood line. As the South March BESS site is located outside of the setback of the 100-year flood and wetland area, no flooding hazard is present.

Following MVCA Regulation Policies, the existing watercourse will be redirected through a vegetated diversion watercourse to maintain the base flow throughout the construction and operation of the site.

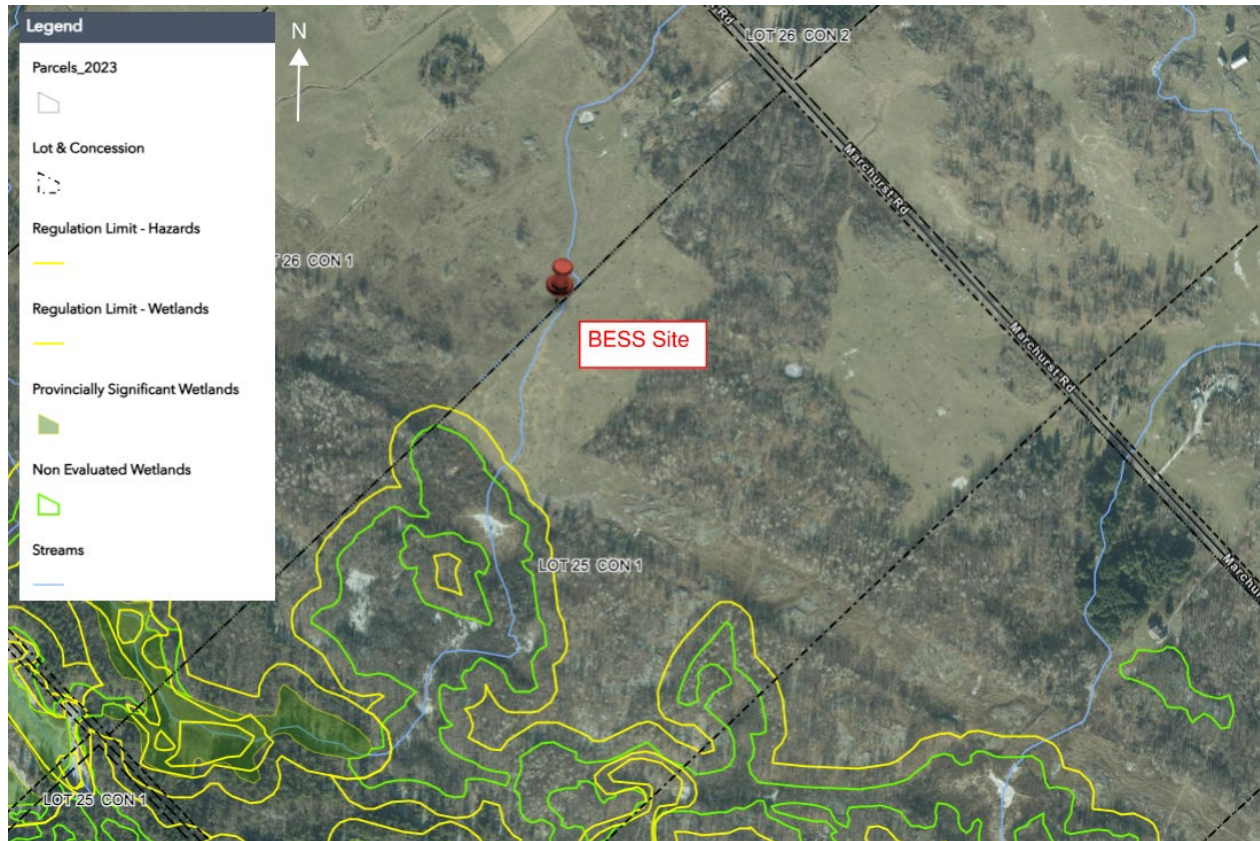


Figure 5: Close up of MVCA regulated areas
(source: MVCA Regulation Public Mapping Browser)

A Provincially Significant Wetland (PSW) is present on the southwest edge of the lot. These wetlands have been determined as being valuable to the environment through acting as a wildlife habitat and a source of clean water through the Ontario Wetland Evaluation System. No groundwater was observed at the surface. This indicates that the wetlands are not fed by the groundwater level (underground) and relies on surface runoff during precipitation (above ground water).



No further assessment of the Provincially Significant Wetland is required as it is approximately 600 m from any developed area. The required setback is 30 m, according to MVCA policies. Furthermore, the site development will not affect provincial significant wetlands, given the distance and lack of interaction since the wetlands are upstream of the proposed project development.

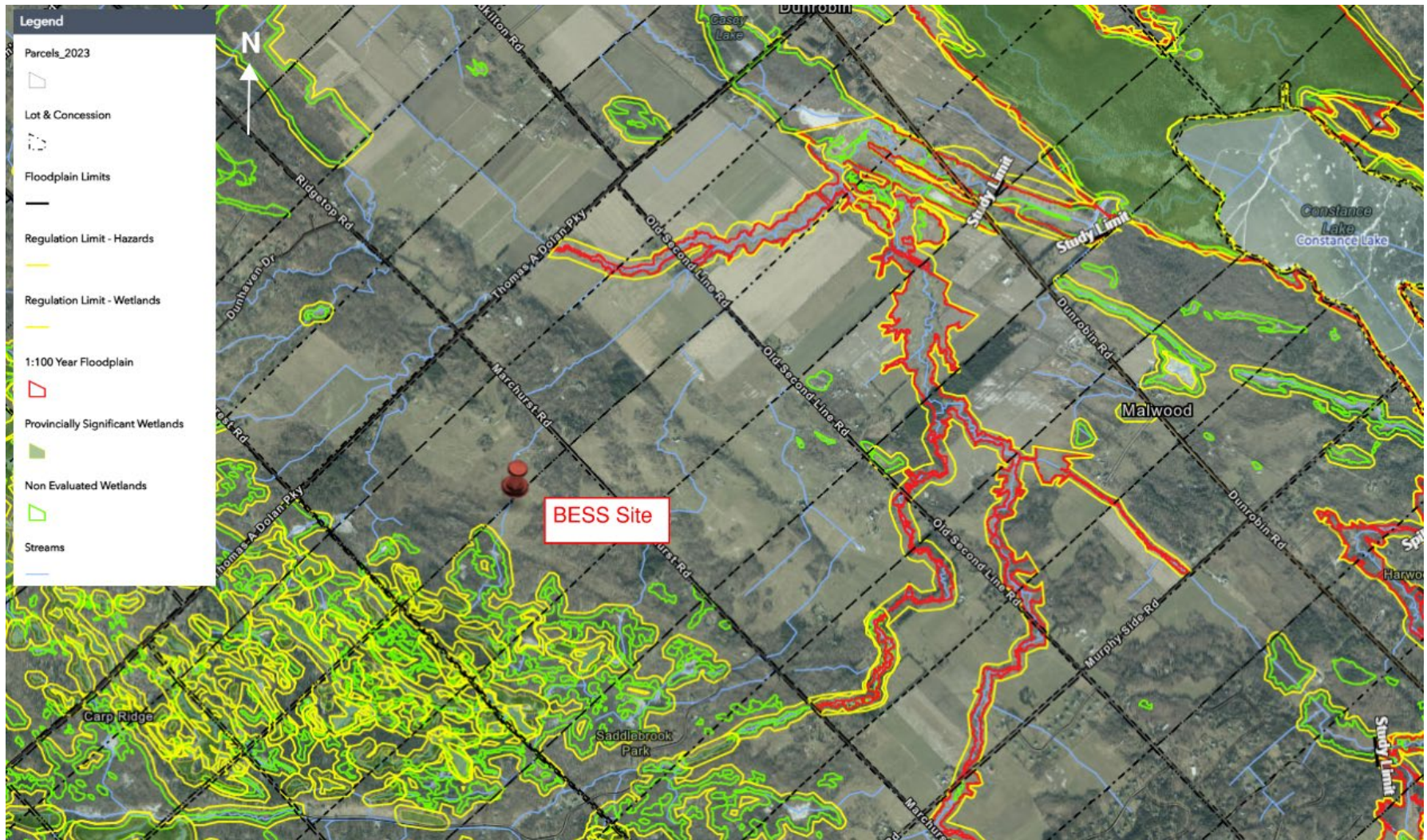


Figure 6: MVCA regulated areas (source: MVCA Regulation Public Mapping Browser)



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, 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 as the only source of water to the watersheds in the Mississippi 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 7 shows average annual precipitation across the MRSPR and the climate stations used to develop these models. For the South March site, 876-900 mm is considered for the mean total annual precipitation for both pre- and post-development situations.

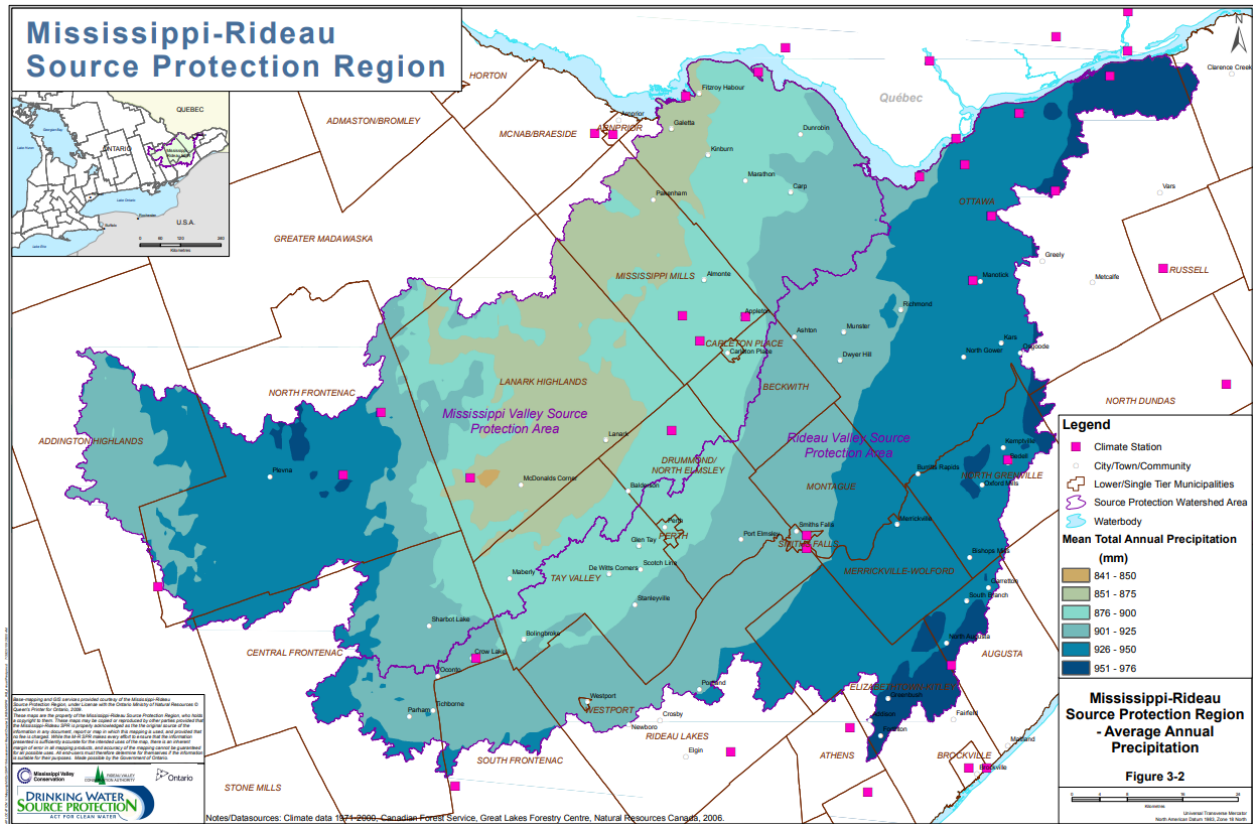


Figure 7: Average annual precipitation across the MRSPR and the climate stations used to develop these models

The average temperature was calculated from the Canadian Forest Service data as the average of minimum and maximum temperatures. Average annual temperature varies across the MRSPR from 4°C in the west to 7°C in the southeast. Figure 8 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.

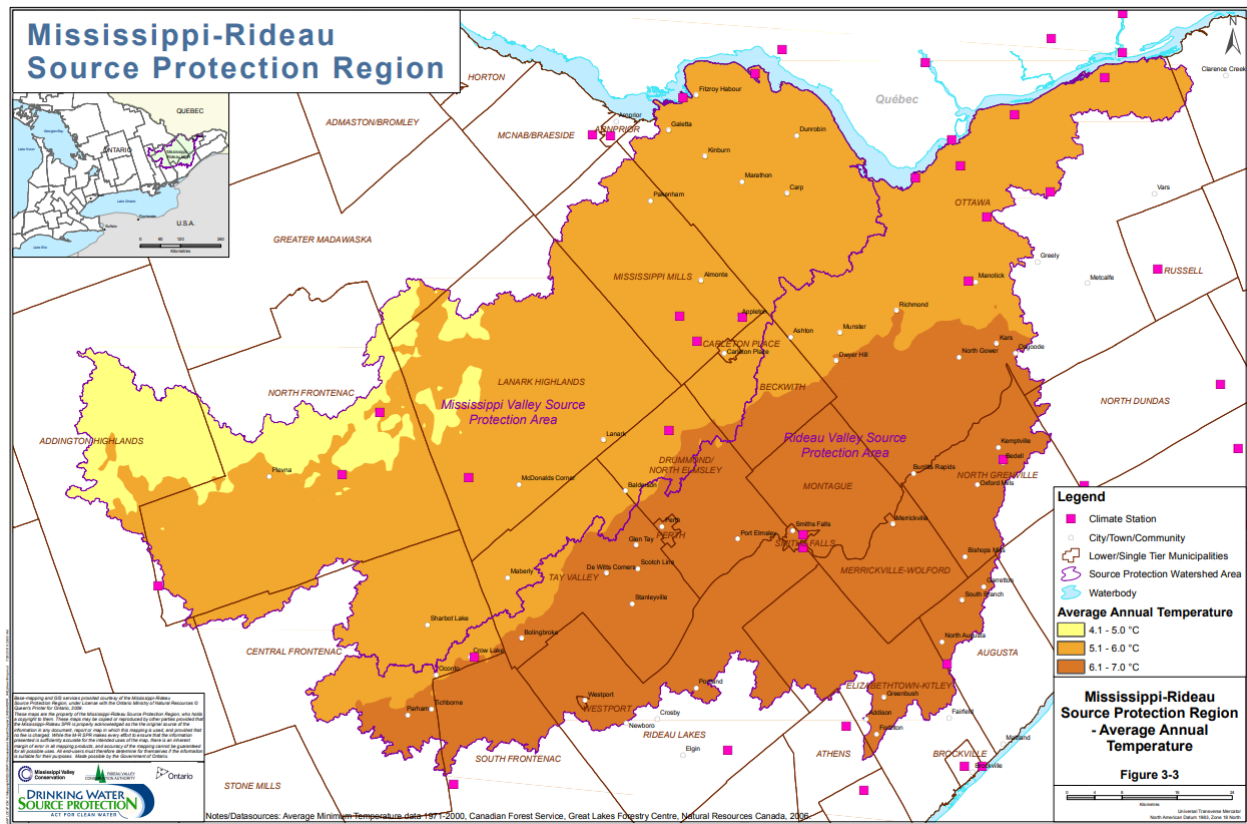


Figure 8: Average annual temperature - Environment Canada Great Lakes Forestry Study (McKenney et al., 2006)

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 lies in the Ottawa Valley Clay Plain physiographic region. This region commonly has thick layers of sensitive marine clay, silty clay, and silt from the Champlain Sea Basin. These layers typically lie on top of a relatively thin layer of glacial till and glaciofluvial deposits that overlie bedrock (Hatch, 2025).

Geotechnical site investigations were conducted by Hatch Ltd. at the BESS site. Soil conditions consist of 100 to 600 mm thick layer of non-organic topsoil. Localized areas of different topsoil thicknesses with varying organic content are expected throughout the site, depending on the topography. A layer of 0.5 m to 0.6 m silty sand was encountered at two of the nine boreholes, which was underlain by silty clay. The remaining boreholes encountered a layer of silty clay, 0.2 m to 4.8 m thick, underneath the topsoil. A bedrock core was taken at 6.1 m below ground surface underneath the silty clay layer at Borehole FY24-1 (located at the south end of the proposed developed area). Additionally, bedrock outcrops were observed throughout the site, which will be challenging to excavate due to the strength of the rock. Large hydraulic rock breakers with enough percussive force to break the rock should be used if blasting techniques are not allowed (Hatch, 2025). The bedrock surface is verified using ground-penetrating radar (GPR) scanning.



The Creek in the Project site drains a watershed area of approximately 0.59 km² in the area upstream (west) of the Project site and is located at the beginning of the watershed (the headwater zone of the watershed), which drains into Constance Lake. Note that the headwater streams have relatively steeper slopes compared to the downstream zones, with a V-shaped valley. Hydrological analysis, including catchment and stream delineation, was performed using ArcGIS to assess surface flow directions. Figure 9 shows the drainage patterns within the study area using the topographic data (Hatch, 2025).

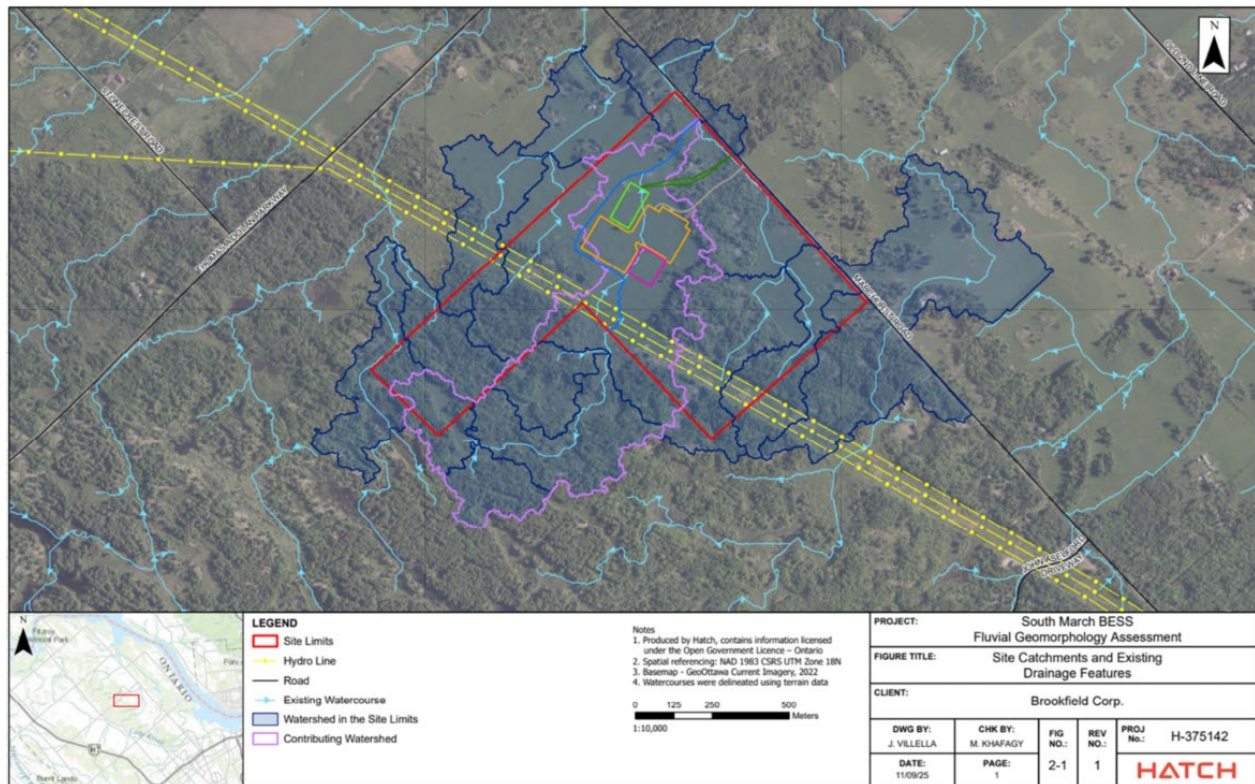


Figure 9: Catchments Within the study area with existing drainage features and general drainage patterns

Hatch installed a monitoring well in Borehole FY24-1. Groundwater was measured at depths ranging from 1.0 m to 1.3 m below ground surface in the middle of the site and is expected to fluctuate with the seasons (Hatch, 2025). Moreover, based on the site visit, the BBA team observed saturated soils along the Creek corridor, the presence of stagnant water zones, and high groundwater levels (as identified in the geotechnical investigation) in the proposed development area. This means that infiltration-based SWM storage facilities may not be suitable for this site.



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.

As mentioned before, within the proposed development area, there is an existing stream that will be filled and replaced with a vegetated diversion watercourse on the west side of the batteries pad. Moreover, an impervious geomembrane will be laid down across the whole site (except the substation area, which does not have any batteries). 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 existing stream during construction, so the water that flows into this diversion watercourse will be clean and can be discharged to the right-of-way without any contamination. After construction and during the operation period, the runoff flow will be drained to the proposed ditches around the site (these ditches are separated from the diversion watercourse). 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 gate 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 gate valve can block any contamination that may be discharged to the right-of-way in case of emergency.

3.4. Climate change

Technically, climate change study is in two ways: by documenting current climate change information available for the region for the next 25 years, and by considering how climate change may affect results found in the Assessment Report. Trend data for the region shows that some changes in temperature and precipitation patterns have already occurred over the past



fifty years, and these patterns continue to change in the MRSPR during the next thirty years (chapter 7 of the Mississippi Valley Source Protection Area Climate Change Assessment Report, 2022).

The list of the major changes is as follows:

- An increase in air temperatures in both warm and cold seasons in the range of 0-2°C by 2040 is projected for eastern Ontario;
- Minimum temperatures are projected to increase at a faster rate than maximum temperatures;
- Monthly precipitation patterns and amounts are projected to change;
- Evapotranspiration (ET) is anticipated to increase. Approximately 60% of water is currently lost through ET, the remainder leaving as surface water flow; and
- Weather variability is projected to increase, with increased frequency of weather extremes and events.

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			(0C/30yr)		
Summer			Fall		
	tmax	tmin		tmax	tmin
June	0.9	0.9	September	0.9	0.6
July	1.2	1.5	October	0	0.3
August	0.9	0.9	November	1.2	0.3
average	1	1.1	average	0.7	0.4
Winter			Spring		
	tmax	tmin		tmax	tmin
December	0.6	1.2	March	0.3	1.5
January	2.4	5.1	April	0.6	1.5
February	0.9	1.8	May	2.1	1.2
average	1.3	2.7	average	1	1.4

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 Hydrologic models (PCSWMM model) confirm that total runoff combined peak flows under post-development conditions are lower than the pre-development condition at measured points. Refer to section 5 for stormwater management results. Evapotranspiration is maintained where possible through using vegetated surface water feature 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. SWM concept

The South March BESS site stormwater management concept is to collect and discharge the runoff from the developed area to a proposed stormwater pond north of the developed area to manage the stormwater quantity and quality and provide erosion control for the site. This concept is to prevent discharging the stormwater to the existing watercourse and adjacent properties.

The proposed stormwater system consists of a network of culverts and ditches, which collect all the surface runoff and discharge to the wet pond. The storm system is designed for the 100-year (major storm) 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.

The increased runoff resulting from using an impervious geomembrane across the entire battery pad will be directed to ditches around the substation and the battery container area, which eventually flows to the wet pond; this protects the development from flooding as required by Section 4.7.1 policy 6 of Ottawa's Official Plan.



The entire storm network, including the pond and pond outlet structure, is sized to manage the stormwater demand from the BESS site and meet all applicable standards and guidelines; these are described further in Section 6.3.4.

There will be no change in the drainage pattern for the rest of the site (undisturbed areas). It should be mentioned that the existing stream will be replaced with a vegetated diversion watercourse on the west side of the site to drain the runoff flow coming from the upstream of the watershed.

The surface materials of the proposed BESS site are composed of gravel for the roads, substation and BESS area; concrete for substation equipment, building foundations and for miscellaneous equipment in the BESS area; as well as grass and vegetation elsewhere. A geomembrane will be laid down across the entire site, except the substation area, to protect underground water. The proposed wet pond will also be equipped with the geomembrane.

4.2. 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 of the design criteria and the 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	Site-specific conditions limit the use of L.I.D. features, namely: high groundwater table and exposed bedrock in some locations No additional volume control measures are required
	Major-minor system conveyance	A system of culverts and ditches will collect the BESS site's surface runoff and discharge the major storm (100-yr) to the wet pond
	External drainage conveyance	Not applicable
Water Quality	Suspended Solids	The proposed stormwater detention pond will be used for quality control



SWM Criteria	Subcomponent	Control measures
	Temperature	Landscape around the wet pond will help reduce sun exposure on the permanent water within the wet pond
	Other contaminants	Oil-water system (Petro pipe) will be implemented to manage the risk of oil spills from the oil-filled transformer in the substation area. This prevents any oil from the transformer basin to be discharged within the wet pond.
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
Water balance/groundwater recharge		Water balance study and the groundwater quality and quantity assessment are discussed in this report and in Hatch's Hydrogeological report
Erosion and sediment control		Erosion and sediment control plan to reduce, contain, and treat sediment-laden runoff

Water quantity

The stormwater detention wet pond will be used for water quantity control under normal operational and emergency conditions. For normal operational conditions, the proposed pond size has been evaluated to ensure that the 100-yr post-development peak flow rates of the BESS site do not exceed the 2-year pre-development flow values. The pond is equipped with a weir and reverse-sloped pipe to pass these design storm flow rates. An emergency gate valve will be installed in the control structure to protect the right-of-way from any potential contamination that may be discharged to the ditch along the Marchurst Road.

In general, culverts must be designed to convey design flows when full or when the hydraulic grade line (HGL) is at or below the crown of the pipe. However, in some instances, the HGL may be elevated due to boundary conditions. In this project, the on-site stormwater network is designed to have the maximum hydraulic grade line elevation min. 0.3 m below the finished grades of concrete foundations for the 100-year event (Ottawa Sewer Design Guidelines). Culvert and ditches (including diversion watercourse) in general are kept at an 80% fullness maximum in the 100-year 24h storm event.





Water quality

Wet ponds usually require a minimum drainage area of about 5 hectares to sustain the permanent pool. In this site, due to the high local groundwater table, a wet pond will be used as an end-of-pipe stormwater storage facility. Wet ponds are the most common end-of-pipe stormwater management tool and are normally reliable in operation, especially during adverse conditions (e.g., winter/spring). The stormwater pond will be used for water quality control as the end-of-pipe SWM facility. The proposed pond has been 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 the resuspension and blockage of the outlet. Moreover, it provides extended settling and removes the biological pollutants. It should be mentioned that the runoff flow of the BESS site will not be mixed with the water from the existing streams (which will be replaced with the proposed vegetated diversion watercourse within the lots).

A sediment forebay facilitates maintenance and improves pollutant removal by trapping larger particles near the inlet of the pond. Furthermore, ditches within the site will provide water quality pretreatment upstream of the wet pond through the removal of suspended solids.

The potential release of oil to the environment from transformers will be managed to meet water quality objectives. The oil-filled substation transformer will have a secondary containment and a sump pit with an oil control system (Petro-pipe) to eliminate the risk of spills to the environment. See Section 7 for further details.

Stream erosion control

Erosion control is implemented to protect the receiving watercourses downstream of the site vulnerable to erosion. The stormwater pond has been evaluated for erosion control by controlling runoff from more frequent storm events. A 4-hour 25-mm Chicago storm, detained for 24 hours is a preferred rain to be used based on section 4.6.2 of the Stormwater Management Planning and Design Manual. The pond is equipped with a reverse-sloped pipe and an orifice plate to meet the detention time requirements.

Water balance

The groundwater level was measured during and after drilling at depths from 1.0 m to 1.3 m bgs. These shallow groundwater levels were found in boreholes located in the middle of the development area, which constitutes approximately 50% of the developed areas. In the remaining area, no groundwater was observed. Using the measurements of groundwater level, it appears that the groundwater generally moves towards the northeast and southwest of the site (Hatch, 2025).

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 10. Refer to Hatch's Hydrogeological and Terrain Analysis Study (H375142-0000-2A4-030-0001) for more information.

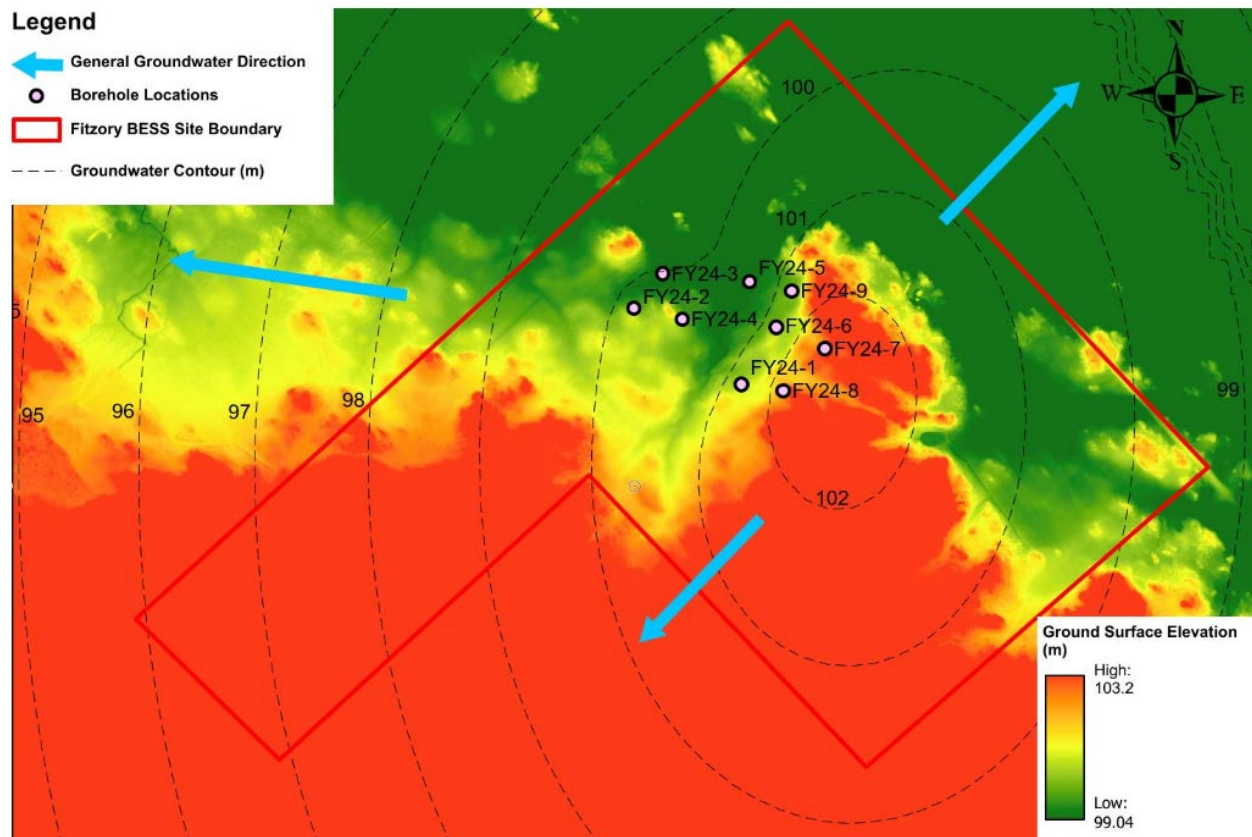


Figure 10: General groundwater flow
(source: Hydrogeological and Terrain Analysis Study: Figures 2-3 – Hatch, 2025)



As previously stated, an impervious geomembrane will be laid down across the whole site (except the substation area) to protect the groundwater from any potential contamination. Because there will be no battery in the substation area, a geomembrane is not needed for this area.

Erosion and sediment control

Erosion and sediment control (ESC) measures will be incorporated during the phases of the project: prior to construction (grubbing, pre-grading), construction, and post-construction, to reduce sediment-laden runoff.

Ditches within the BESS site will be lined with a geomembrane and designed such that velocities are within permissible velocities to prevent erosion.

Refer to drawing 7154023-100000-41-D70-0001-01 to 06 and 7154023-100000-41-D70-0002 for more details.

Planting strategy

A planting strategy is required for the wet pond to provide shading, aesthetics, safety, bird control, enhanced pollutant removal, and other benefits. The environmental consultant of the project will provide more details in the detailed design process.

5. SWM modelling

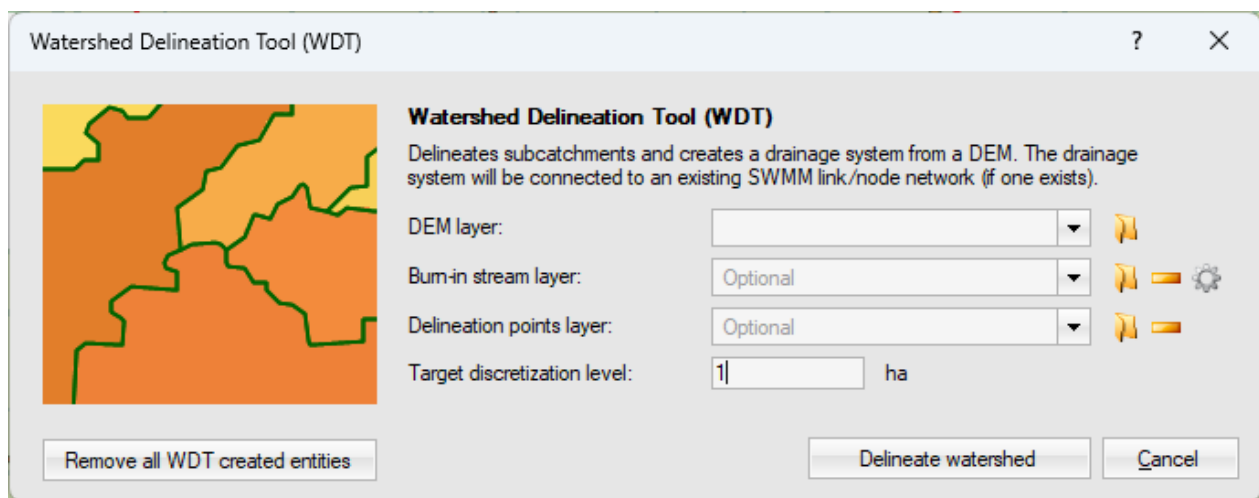
The Computation Hydraulics Inc. (CHI) PCSWMM software version 5.2.4 was used for modelling the pre- and post-development storm scenarios. SWMM is a dynamic rainfall-runoff simulation model used for single-event or long-term (continuous) simulation of runoff quantity and quality for primarily urban areas. 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. The calculations for the stormwater management infrastructure design are attached in Appendix D with the SWMM modelling results in Appendix B.



6. Parameters and assumptions

6.1.1. Topography

For the pre-development site, sub-catchment areas were delineated based on and Publicly available lidar data by Ontario Geohub and the topographic survey “241451-South March_BEES-MTM9-Rev0” received from Tulloch in March 2025, refer to Appendix C. The Natural sub catchment we're delineated true PCSWMM watershed delineation tool (WDT) through a DEM type file of the lidar. This tool also determines the flow length and slope of each sub catchment. The natural flow corridors were partially done using this tool. Alignment, slope and cross-sections were generated and then verified one by one. Roadside existing ditch were them adjusted with the latest provided survey.



For post-development conditions, sub-catchment and ditches areas were integrated in the simulation based on the layout of the proposed drainage system and the proposed grading design.

6.1.2. Storm events

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





IDF data was obtained from “Ottawa Sewer Design Guidelines. The 25-mm storm event using a 4-hour Chicago storm distribution was also simulated in the post-development condition for evaluating the erosion quality control.

6.1.3. 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 “Hydrogeological and Terrain Analysis Study (H375142-0000-2A4-030-0001)” (Hatch, 2025) and Geotechnical Investigation (Hatch, 2025). The findings of these two reports suggest that the site soils have decent infiltration capacity, but that the groundwater table is high.

The site consists of two main soil types that were identified using geological data from Geology Ontario: Till in the northwest and southeast and Offshore Marine Deposits in the centre. The till is composed of sandy and silty diamicton, which is calcareous when formed from sedimentary rocks that have not been leached. The calcareous composition indicates moderate drainage capacity; this means the area is suitable for surface-level construction without significant concerns for water retention or drainage issues. The Offshore Marine Deposits consist of clay, silty-clay and silt. The composition of the soil suggests low permeability in the area (Hydrogeological and Terrain Analysis Study – Hatch, 2025).

The hydrologic soil group is expected to be soil group “BC” with a CN value of 69 for the project site. The CN values are summarized in Table 9. For sub-catchments having mixed surfaces, a weighted average was used in the model.

Table 9: Curve number

Surface	Curve number
Native site soils / Grass	69
Gravel	80
Concrete and areas with geomembrane	98

General parameters used were taken from the “South March Battery Energy Storage System (BESS) Fluvial Geomorphology Assessment (H375142-0000-2B0-066-0001)” for better results comparison where possible. Where parameters do not overlap with the fluvial assessment, the values were obtained from the “EPA SWMM User's Manual Version 5.1” (Rossman, 2015) as well as Appendix 6-C.1 of “Ottawa Sewer Design Guidelines. These are presented in Table 10, Table 11 Table 12.





Table 10: General parameters

Parameter	Value
Roughness coefficient (N imperm) – impervious surfaces	0.013
Roughness coefficient (N perm) – pervious surfaces	0.25
% imperviousness of subcatchment – undeveloped area	7%
% imperviousness of subcatchment – access road and substation	80%
% imperviousness of subcatchment – areas with geomembrane	100%
Depth of depression – impervious surfaces	2 mm
Depth of depression – pervious surfaces	5 mm
Percent of impervious area with no depression	25%
Percent routed	100%
Drying time	7 days
Slope – Undeveloped areas	Varies based on 3D surface

Table 11: Manning's n

Surface	Manning's n
Vegetated channel	0.035
Rip-rap channel	0.04-0.07
CGSP (Culvert)	0.016
HDPE (Culvert)	0.010 -0.012

Table 12: Coefficient

Parameter	Discharge Coefficient
Culvert entry loss	0.6-0.7
Culvert exit loss	1.0
Orifice discharge	0.65



6.2. Pre-development analysis

The pre-development sub-catchments, within the property limits of the BESS site, are shown in Figure 11.

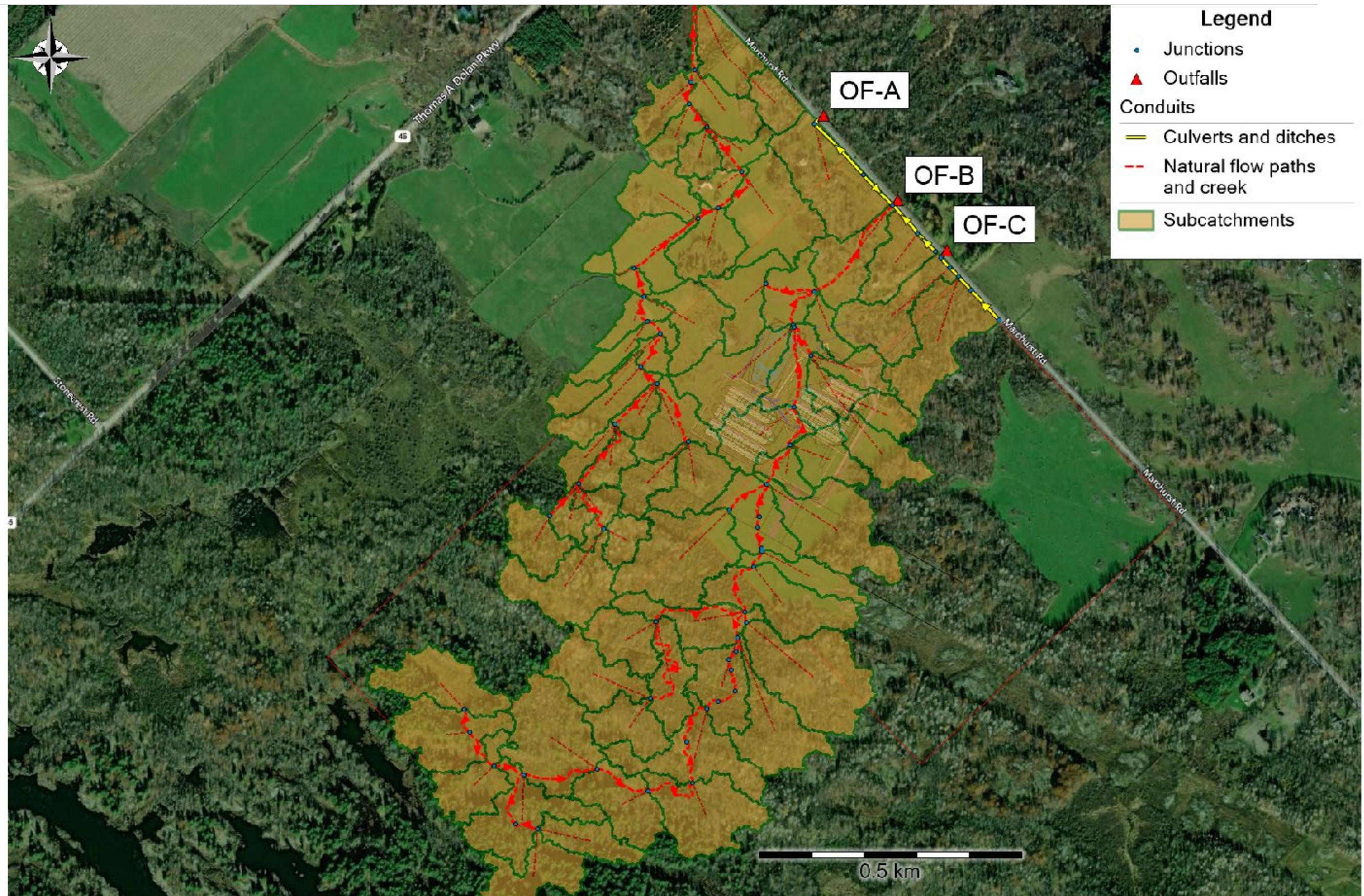


Figure 11: Pre-development sub-catchments (From PCSWMM model)



To meet quantity control requirements, the 100-year post-development-controlled outflow rates from the pond should be equal to or less than the 2-year pre-development flow rates of the site. The pre-development peak flow rates of the site are summarized in Table 13 for the SCS Type 2.

Both Chicago and SCS type 2 storm distribution were tested for this site. The SCS Type 2 storm distribution consistently results in higher runoff volumes and peak flow rates than the Chicago distribution storm. As such, the SCS Type 2 distribution will be used for the stormwater design and to evaluate the stormwater management controls. According to the City of Ottawa Sewer Design Guidelines, the minor system for local, collector, and rural arterial roads shall be designed to accommodate a 5-year return period. But to be more conservative and similar to some other projects located in the city of Ottawa, the 100-year post-development flow will be limited to a 2-year pre-development flow in this project.

In the analysis, two outfalls are observed since they both have sub catchment in the subject terrain for this project. These two outfalls will be referred to as B and C. Their results will allow to measure the impact of the proposed development. The culvert A shows no impact from pre-development compared to the post development. It is still included in the analysis as a reference.

Table 13: 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.
	Duration	m ³ /s	ML	m ³ /s	ML	m ³ /s	ML	m ³ /s	ML	m ³ /s	ML	m ³ /s	ML
A	24-hr	0.229	1.27	0.183	1.08	0.156	0.896	0.101	0.682	0.064	0.521	0.017	0.302
B	24-hr	0.911	27.9	0.811	23.6	0.707	19.6	0.569	14.9	0.436	11.3	0.202	6.44
C	24-hr	0.281	2.1	0.239	1.78	0.203	1.48	0.147	1.12	0.098	0.858	0.054	0.495

6.3. Post-development

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

6.3.1. Proposed pond description

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



- The performance of the pond does not depend on soil characteristics;
- The permanent pool minimizes re-suspension;
- The permanent pool minimizes blockage of the outlet;
- Biological removal of pollutants occurs with the settling of total suspended solids;
- The permanent pool provides extended settling.

The wet pond has a 12 m x 24 m forebay and 68.5 m x 24.5 m main A berm separates the forebay and main pond areas. The pond uses 5:1 side slope. The forebay length-to-width ratio is 2:1, and the overall pond length-to-width ratio is 3.6:1, which aligns with MOE guidelines.

The inlet structure to the pond is an open ditch to allow better flow when pond levels are higher in major storm event.

A 300-mm diameter reverse-sloped pipe (modelled as an orifice) and a weir are the outlet structures for the pond. These discharge to a concrete control structure, which has a 600-mm diameter pipe with a restrictive orifice of 100 mm and emergency weir as its outlets.

The reverse sloped pipe has an inlet invert elevation of 96.0 m and an outlet invert elevation of 96.8 m. The weir has a width of 1.5 m and invert elevations of 98.2 m. Under normal operating conditions, the 600 mm diameter HDPE pipe routes the pond outflow to the ditch located on the northeast side of the BESS site. Whereas in the emergency scenario, the overflow weir discharges the pond outflow onto that same ditch.

The wet pond will be constructed with an impervious geomembrane on the bottom and sides, which prevents any seepage from the forebay and the permanent pool.

To prevent any uplift of the geomembrane within the pond, a layer of 1.5m of impermeable material with a density of 2000kg/m³ will be installed under the pond. Refer to details on drawing 7154023-100000-41-D20-0004.

6.3.2. Pond downstream conditions

The pond outlet structure consists of a concrete box equipped with the primary and emergency weirs, a reverse sloped pipe (which acts as an orifice), and an outlet pipe as described in the Wet Pond – Plan & Sections drawing (7154023-100000-41-D20-0004) to regulate pond outflows. The outlet of the pond control structure is a 600-mm diameter pipe with a restrictive orifice of 100 mm that discharges the stormwater into a long-vegetated surface water feature that connects the roadside ditch along Marchurst Road.



The stormwater network was analyzed using a flow-controlled structure releasing into a discharge ditch free of debris directing stormwater to the public road ditch on the south side of Marchurst Road. This was modelled to ensure the whole storm network can meet pre-development flow rates and that any changes to infrastructure downstream of the ditch do not impact the pond's ability to maintain pre-development flows.

6.3.3. Sub-catchment areas

The BESS site is divided into 12 sub-catchment areas, based on the proposed finished grading of the site. The sub-catchments are labelled SC for Sub catchment followed by RP (retention pond), PAD01 to 07 (BESS area) and ST01 to 04 (Substation).

All post-development sub-catchment areas are shown in drawing 7154023-100000-41-D30-0002.

As mentioned before, the existing stream is to be redirected to a diversion watercourse on the west side of the development area. Based on the Fluvial report (South March Battery Energy Storage System (BESS) Fluvial Geomorphology Assessment prepared by HATCH 2025) the south march peak flow rates are 0.67 and 1.74 m³/s for the 2 and 100-year rainfall. For comparison, based on the PCSWMM simulation, the peak flows in the diversion ditch are 0.197 and 1.767m³/s for 2 and 100-year rainfall. Furthermore, the max velocity observed in diversion ditch PCSWMM is 0.68 and 1.39 m/s for 2 and 100-year rainfall. The differences in peak flows from the two models comes from the type of analysis that was preform. Hec-Ras model uses a constant flow along the entire watercourse and is then applied to the model. PCSWMM values obtained is specifically related to the diversion watercourse and the flows are dynamic. Therefore, the flow comparisons between the two model cannot be achieve by evaluating the peak flows, but by comparing the save IDF curves and watershed that is used during the analysis. The last two statement are true in the case of this project. The explanation of the uses of these two analyses is explained in the memo 7154023-100000-41-ELI-0003. The proposed vegetated diversion watercourse has a variable width of 2 to 3 m at the bottom with a variable depth depending on the existing ground elevation, and the capacity is adequate to convey the runoff flow coming from the upstream of the watershed. For a complete result of South March Creek and the diversion watercourse (flow, max velocity, etc.), refer to Appendix B. South March Creek can be found in the Link Flow Summary portion of the results under the names DD# for the diversion ditch; they are named from upstream to downstream. For better understanding of the modeling result, refer to the addendum of the stormwater management report (7154023-100000-41-ELI-0001).

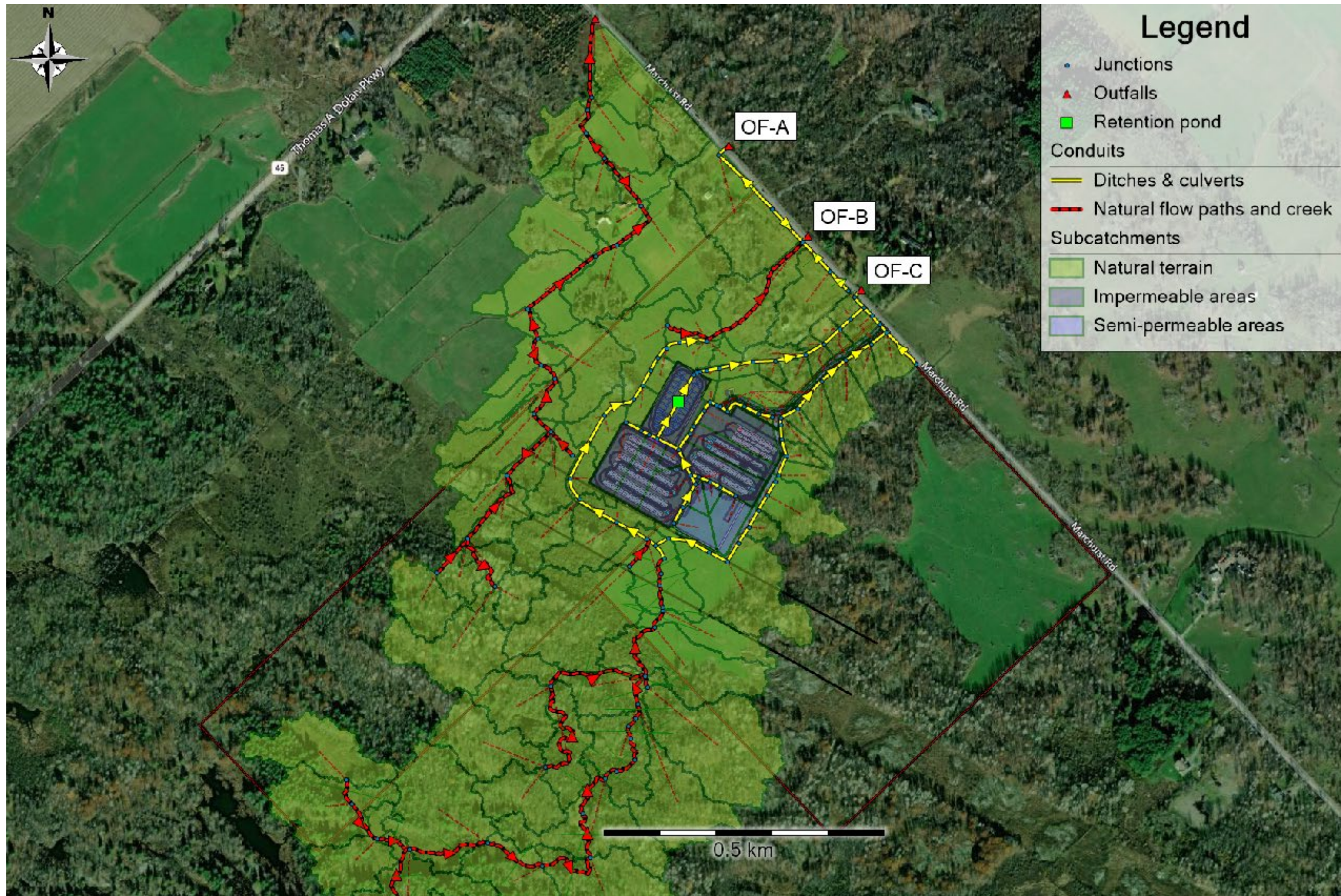


Figure 12: Post-development sub-catchment areas (from PCSWMM)



6.3.4. 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 14, including the runoff from the BESS site.

Table 14: 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)	287 m ³ /ha	543 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	3.6:1
Side slopes	3:1	5:1
Forebay	Minimum depth of 1 m Maximum 33% area of the total permanent pool	1.0 m depth 21% of the total permanent pool area
Permanent pool depth	Maximum depth of 3 m	1.3 m
Active storage depth	Maximum 1.5 m for water quality/erosion control Maximum 2 m, including quantity control	0.36 m for water quality/erosion control 1.3 m for 100-year quantity control.
Forebay length	Greater than or equal to the larger of the settling length and dispersion length: 15 m ⁽¹⁾	24 m
Freeboard	300 mm	300 mm under normal operating conditions
Orifice	75 mm	125 mm
Inlet	Minimum 450 mm diameter	1.2-meter-deep open ditch 0.5 m wide at the bottom
Outlet	Minimum 600 mm diameter	600 mm
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.		

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 287 m³/ha (based on 100% impervious level) for the storage volume, by linear extrapolation. The permanent pond volume is calculated to be 3,256 m³ to meet this requirement. Given the contributing developed areas of 6 ha for the BESS site, min. 1722 m³ of storage volume is required, which means the size of the permanent pool meeting the requirements of Table 3.2 (Figure 13) 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 13: 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 the 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 240 m³, and the erosion control volume is 1297 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 the post-development quantity is equal to or less than the 2-year pre-development while maintaining minimum 300 mm of freeboard to the top of the pond bank. To meet quantity control under normal operating conditions, weir width will be 1.5 m to reduce the outflow and meet peak flow requirements. See plan 7154023-100000-41-D20-0004 for more details.

6.3.5. Post-development flows

In table 15, the post-development flow at the culvert location is presented. The results meet MECP (formally MOE), and City of Ottawa guidelines' quantity control requirements and are less than the pre-development data from Table 13: SCS Type 2 storm pre-development flows.

Table 15: SCS Type 2 storm post-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.
	Duration	m ³ /s	ML	m ³ /s	ML	m ³ /s	ML	m ³ /s	ML	m ³ /s	ML	m ³ /s	ML
A	24-hr	0.229	1.27	0.183	1.08	0.156	0.896	0.101	0.683	0.064	0.522	0.017	0.302
B	24-hr	0.817	25.5	0.733	21.6	0.622	18.0	0.470	13.7	0.357	10.4	0.181	5.94
C	24-hr	0.299	8.05	0.253	7.30	0.212	6.55	0.160	5.58	0.12	4.8	0.067	3.52

To be able to compare the 100-year post development flows to the 2-year pre-development flows, the site area was isolated in both models. The figures 14 and 15 show the different sub catchment that was used to determine the 2 years pre-development flows. The area was reduced since most of the water in the watershed comes from the watercourse that is diverted around the site. To be more conservative, these areas were removed from the model to get a more accurate pre-development flow at the outfall of the wet pond.

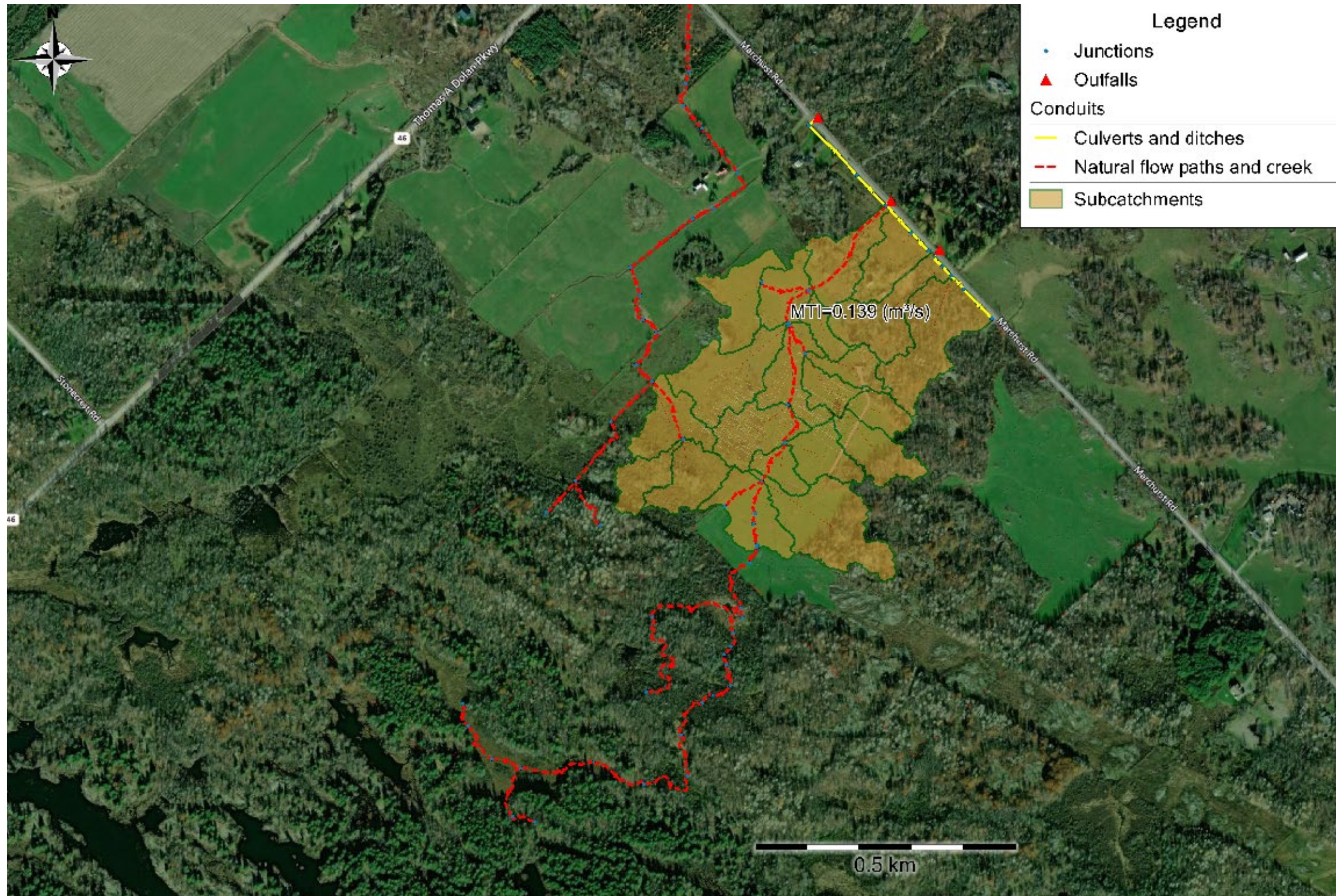


Figure 14: 2-year pre-development site only

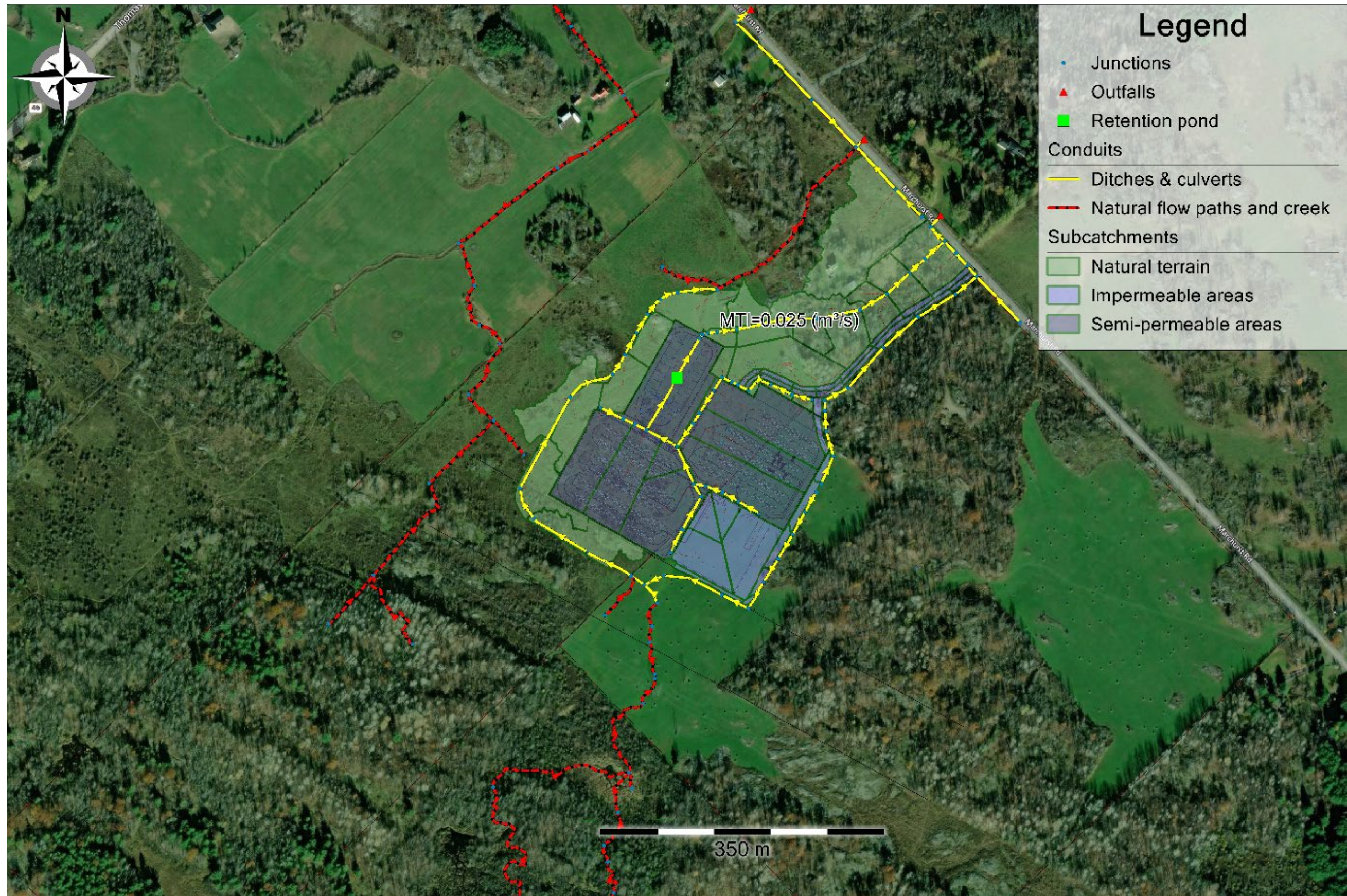


Figure 15: 100-year post-development site only

The following figure and table show the peak flows at the outfall of the pond

Table 16: 100y post-development vs. 2y pre-development flows

100-year post / 2-year pre
m ³ /s
0.025 / 0.139

Interpretation of the results indicates that the implementation of the retention pond reduces the peak flow at the junction, demonstrating that the proposed works do not result in any adverse impacts on peak flow conditions.

Although this comparison alone may suggest that the reduced peak flow is excessive, this peak-flow driven design is critical at the downstream conditions. Accordingly, peak flows were assessed at the multiple culverts crossing the public road, as presented earlier in this subsection. Given that these culverts are vulnerable under current conditions, evaluating post-development conditions at these locations provides the most appropriate basis for assessment.

6.3.6. Retention pond

Figure 16 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.

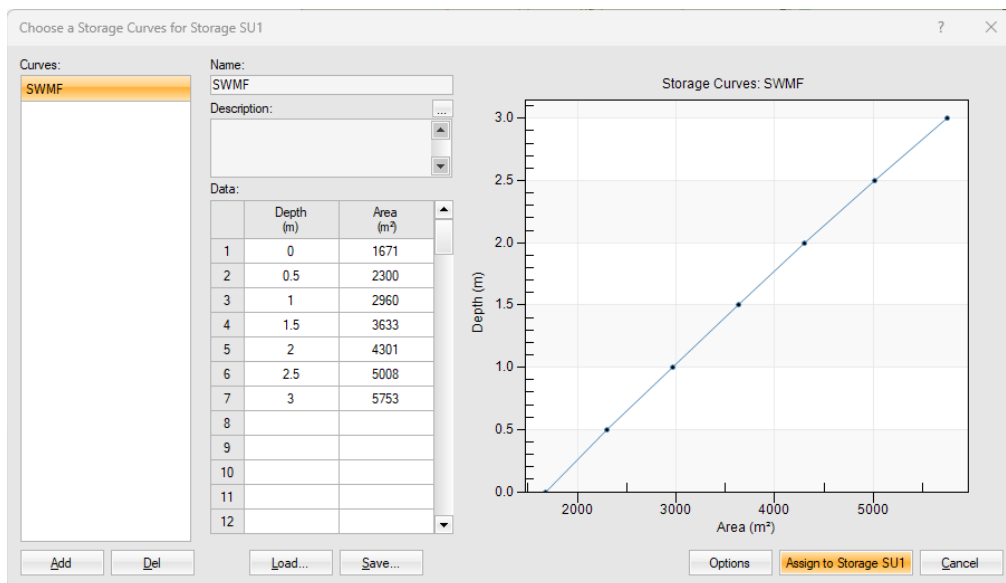


Figure 16: PCSWMM Storage curve

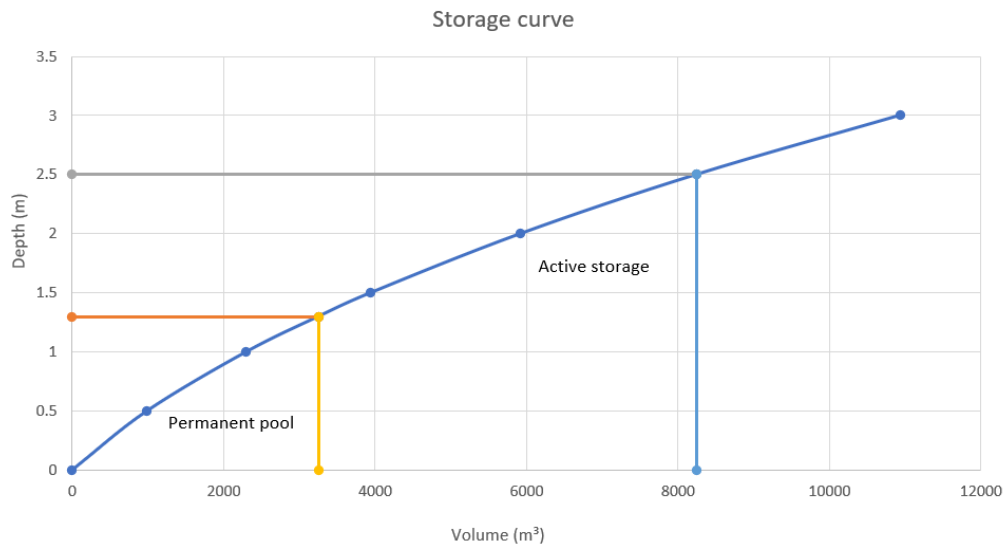


Figure 17: Storage curve

Table 17 illustrates every stage of storage for quality and quantity control.

Table 17: 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	Orifice
95.5	5	0.00	0	0.00	0.00	Permanent pool	N/A
95.8	5	0.30	566	0.30	566		N/A
96	5	0.20	440	0.50	1006		N/A
96.5	5	0.50	1315	1.00	2321		N/A
96.8	5	0.30	949	1.30	3269		0
97	5	0.20	700	1.50	3969	Quality control	N/A
97.18	5	0.18	664	1.68	4633	Chicago 4hr 25m	0.013
97.5	5	0.32	1349	2.00	5908	Quantity control 24hr 100 years	0.020
98.08	5	0.58	2739	2.58	8647		0.025
98.2	5	0.12	664	2.70	9311	Weir and overflow	N/A
98.5	5	0.30	1614	3.00	10925	Freeboard (0.5 m)	N/A



Table 18 shows wet pond water elevation and associated active storage volumes. Results are given assuming a free outfall condition downstream of the pond control structure (at the connection point of the outfall surface water feature and the ditch along the Marchurst Road).

Table 18: Maximum water elevation during various storm events

Return period		100y	50y	25y	10y	5y	2y
SCS Type 2 duration							
24-hr	Water elevation front pond bottom(m)	2.58	2.47	2.36	2.22	2.10	1.91
	Active storage volume (m ³)	5386	4837	4304	3636	3098	2287
4-hr Chicago	Water elevation (m)	1.68					
	Active storage volume (m ³)	1354					

7. Spill prevention and response

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. Pipes are sized to ensure the 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 52 100 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.

For the Main Power Transformer, it will undergo monthly maintenance, which will inspect for potential oil leaks, inspection of the transformer catch basin, verification of fluid volumes. Any spills observed will be remediated per the MOECC guidelines, which include removed spoiled fills and or potential water accumulation within the catch basin, potential testing of any soils or water contaminated outside of the containment system (extremely unlikely), and replacement of any fills as required. Any spills exceeding the threshold outlined by MOECC as reportable will be reported to the MOECC action centre.

8. 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 before construction, during construction, and extend to post-construction. The permanent post-construction erosion control measures are discussed in Section 4.2. 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 7154023-100000-41-D70-0001-03.

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.

Refer to the drawings 7154023-100000-41-D70-0001 to 0002 for more information on erosion and sediment control.

9. 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	20 000m ²
Snow pile volume for average annual snowfall	3500 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	1 478 m ² required

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

10. 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 functioning of the system.

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

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

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

- Check the permanent pool elevation 48 hrs 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 on an as-needed basis;
- Check pond structures such as forebay berm, orifices, and inlet/outlet pipes. Conducted monthly to quarterly or on an as-needed basis;
- Usage of herbicides and insecticides should be prohibited, and usage of fertilizer should be limited to reduce nutrient loading downstream of the pond;
- Monitor sediment buildup within the pond annually. Based on the predicted sediment loading of the pond per MOE guidelines, forebay sediment removal should occur once every 8 years or when 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 is 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 MOEE Sediment Disposal Guidelines;
- Effluent samples should be collected at the pond discharge point and be tested to ensure Provincial Water Quality Objectives are met.
- The re-aligned watercourse will be subject to visual inspections of bank stability quarterly by Owner. Revegetation and slope stabilization will be corrected to maintain the slopes with native fill and vegetation if erosion or scarification is observed with the appropriate mitigations required to perform that work as outlined in the EIS. The site, including the diversion watercourse, will be monitored for invasive and noxious weeds, which will be managed in accordance with the mitigations outlined within the EIS.

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

- Proposed effluent monitoring program:
- Sampling frequency = quarterly during the ice-free period, during periods of active discharge, within 24 hours of a significant rainfall event (>15 mm);
 - Sampling locations:
 - Inlet of the wet pond, outlet of the wet pond, terminus of the grassed discharge swale;
 - Sample type: grab;
 - Sample parameters:
 - Oil and grease (O/G);



- TSS, field pH;
 - Field temperature;
 - Total and dissolved metals, hardness, dissolved organic carbon;
- Effluent quality objectives:
 - Total suspended solids (TSS): maximum 25 mg/L;
 - Oil and grease: maximum 15 mg/L; and
 - pH between 6.5 to 8.5.

11. Recommendations and conclusion

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

- The BESS site surface runoff will be routed via a system of ditches and culverts. This system will discharge to a stormwater pond;
- The stormwater detention pond will be used as the SWM end-of-pipe control to meet quality, quantity, and erosion control requirements;
- 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;
- 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:

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

where:

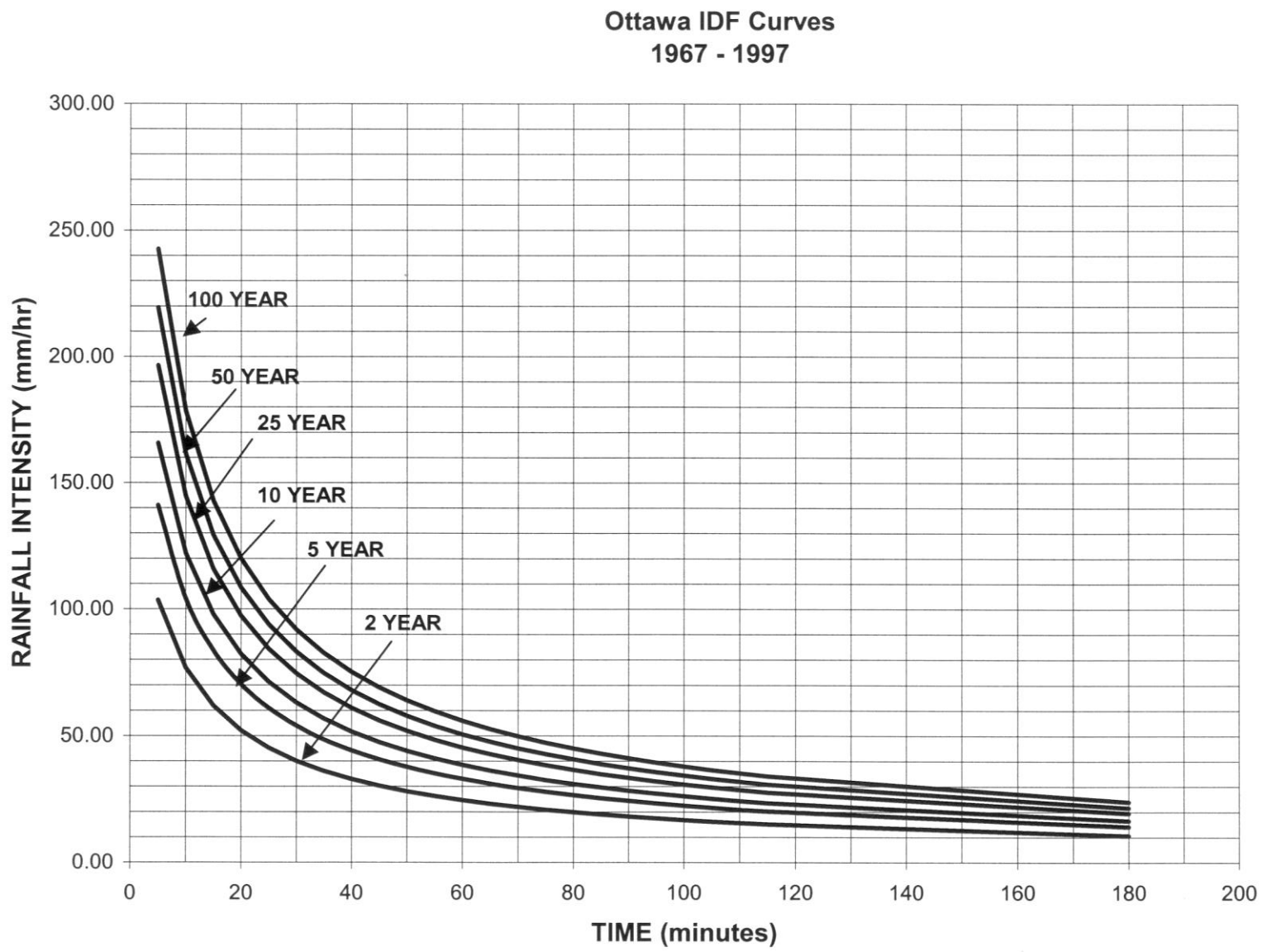
Intensity = mm/hr

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 8
Number of subcatchments ... 70
Number of nodes 69
Number of links 64
Number of pollutants 0
Number of land uses 0

Raingage Summary

Name	Data Source	Data Type	Recording Interval
100y_103.5mm	100y_103.5mm	INTENSITY	15 min.
10y_72mm	10y_72mm	INTENSITY	15 min.
25y_84mm	25y_84mm	INTENSITY	15 min.
2y_48mm	2y_48mm	INTENSITY	15 min.
50y_93.6mm	50y_93.6mm	INTENSITY	15 min.
5y_62.4mm	5y_62.4mm	INTENSITY	15 min.
Chicago_4h	Chicago_4h	INTENSITY	10 min.
SCS_Type_II_100y_12h_96mm	SCS_Type_II_96mm	INTENSITY	6 min.

Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
S1	1.90	157.97	7.00	10.8000	100y_103.5mm	26481
S61D	0.78	60.77	7.00	3.6030	100y_103.5mm	J80
SC02	1.52	145.82	7.00	10.8830	100y_103.5mm	16130
SC03	1.28	119.80	7.00	6.5590	100y_103.5mm	16017
SC05_1	1.10	179.89	7.00	6.1560	100y_103.5mm	J258
SC05_2	0.53	48.19	7.00	5.5430	100y_103.5mm	J258
SC07_1	2.18	137.54	7.00	4.4280	100y_103.5mm	J270
SC07_2	1.35	173.21	7.00	4.9200	100y_103.5mm	J270
SC08	1.46	100.97	7.00	4.4500	100y_103.5mm	J107
SC09_1	0.61	117.24	7.00	4.2070	100y_103.5mm	J111
SC09_2	1.09	105.53	7.00	5.3300	100y_103.5mm	J111
SC10_1	2.76	113.78	7.00	7.6470	100y_103.5mm	T009005
SC10_2	1.57	209.97	7.00	3.6030	100y_103.5mm	T009005
SC13	1.43	143.91	7.00	5.6990	100y_103.5mm	J53
SC14A	0.71	67.71	7.00	7.9820	100y_103.5mm	J86
SC14B	0.68	79.02	7.00	3.5540	100y_103.5mm	J86
SC14C	0.68	92.84	7.00	6.6690	100y_103.5mm	SC14B
SC14D	1.27	110.78	7.00	7.4640	100y_103.5mm	SC14B
SC15	3.05	152.73	7.00	6.8600	100y_103.5mm	T012001
SC20	0.95	73.90	7.00	6.1650	100y_103.5mm	T013006
SC21	2.35	142.04	7.00	7.6700	100y_103.5mm	T013007
SC22	1.45	146.91	7.00	6.9010	100y_103.5mm	T013012
SC23_1	1.98	107.13	7.00	8.0160	100y_103.5mm	T013016
SC23_2	1.52	158.50	7.00	5.9960	100y_103.5mm	T013016
SC29	2.21	201.26	7.00	7.5560	100y_103.5mm	T013024
SC31	2.38	208.79	7.00	8.2850	100y_103.5mm	T013031
SC32	1.68	172.87	7.00	9.8170	100y_103.5mm	T013032
SC33	2.85	228.75	7.00	8.4690	100y_103.5mm	T013033
SC34	2.18	256.38	7.00	9.5500	100y_103.5mm	T013037
SC35	1.40	109.31	7.00	9.0870	100y_103.5mm	T013042
SC36	2.05	276.27	7.00	10.5660	100y_103.5mm	T013044
SC37	1.86	185.18	7.00	8.5760	100y_103.5mm	T013045
SC38_1	1.28	124.61	7.00	7.3730	100y_103.5mm	T015001
SC38_2	1.25	75.83	7.00	4.9920	100y_103.5mm	T015001
SC39_1	1.59	125.65	7.00	8.3540	100y_103.5mm	T015003
SC39_2	1.22	145.02	7.00	8.5290	100y_103.5mm	T015003
SC40	3.34	162.46	7.00	8.9080	100y_103.5mm	T014001
SC42_1	1.02	83.26	7.00	9.0730	100y_103.5mm	T016003
SC42_2	1.65	89.45	7.00	9.2440	100y_103.5mm	T016003
SC48	2.54	141.06	7.00	11.0000	100y_103.5mm	25010
SC52	2.67	266.72	7.00	11.3200	100y_103.5mm	J5
SC54A	0.14	22.22	7.00	6.8700	100y_103.5mm	OF-EX
SC54B	1.32	84.06	7.00	4.7850	100y_103.5mm	OF-EX
SC54C	0.80	79.72	7.00	11.8730	100y_103.5mm	SC54B
SC55A	0.83	166.64	7.00	8.5600	100y_103.5mm	J274
SC55B	1.12	99.21	7.00	5.6280	100y_103.5mm	J8
SC55C	0.61	65.66	7.00	11.2500	100y_103.5mm	J14
SC55D	0.58	83.01	7.00	9.3820	100y_103.5mm	J17
SC55E	0.54	86.45	7.00	8.2240	100y_103.5mm	J17
SC55F	0.54	76.64	7.00	6.0420	100y_103.5mm	J43
SC55G	2.50	130.11	7.00	6.3060	100y_103.5mm	J43
SC55H	1.22	88.61	7.00	7.0290	100y_103.5mm	J33
SC55I	1.35	98.82	7.00	6.6690	100y_103.5mm	J35
SC61A	1.40	164.77	7.00	7.1970	100y_103.5mm	J33
SC61B	0.45	124.15	7.00	7.1480	100y_103.5mm	J276
SC61C	1.46	121.71	7.00	4.9010	100y_103.5mm	J64
SC61D	0.63	155.42	7.00	3.5050	100y_103.5mm	J64
SC61E	0.93	56.61	7.00	3.5920	100y_103.5mm	J92
SC61F	1.27	82.51	7.00	5.3450	100y_103.5mm	J101
SC70A	1.33	191.47	7.00	4.4170	100y_103.5mm	J259
SC70B	0.50	64.02	7.00	5.3700	100y_103.5mm	J259
SC70C	0.53	59.02	7.00	4.3430	100y_103.5mm	J117
SC70D	0.67	57.07	7.00	10.2410	100y_103.5mm	J117
SC70E	0.87	76.43	7.00	9.2800	100y_103.5mm	J137
SC70F	1.29	98.48	7.00	5.3410	100y_103.5mm	J137
SC70G	0.51	72.89	7.00	7.1560	100y_103.5mm	J253

SC70H	0.62	92.70	7.00	6.1840	100y_103.5mm	J253
SC70I	0.62	87.36	7.00	10.8400	100y_103.5mm	J160
SC70J	1.19	88.41	7.00	9.3970	100y_103.5mm	J152
SC70K	2.16	101.18	7.00	9.3820	100y_103.5mm	J160

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
16017	JUNCTION	93.42	3.31	0.0	
16094	JUNCTION	92.18	2.32	0.0	
16130	JUNCTION	93.42	1.58	0.0	
25010	JUNCTION	94.40	3.00	0.0	
25025	JUNCTION	94.64	1.40	0.0	
26419	JUNCTION	94.00	3.04	0.0	
26456	JUNCTION	94.23	1.01	0.0	
26481	JUNCTION	94.30	3.00	0.0	
26578	JUNCTION	95.36	1.40	0.0	
J101	JUNCTION	99.06	1.00	0.0	
J107	JUNCTION	98.16	1.00	0.0	
J111	JUNCTION	99.31	1.00	0.0	
J117	JUNCTION	100.45	1.00	0.0	
J137	JUNCTION	100.43	1.00	0.0	
J14	JUNCTION	92.06	1.50	0.0	
J152	JUNCTION	102.59	1.00	0.0	
J160	JUNCTION	103.54	1.00	0.0	
J17	JUNCTION	92.73	1.50	0.0	
J2	JUNCTION	96.92	1.00	0.0	
J253	JUNCTION	102.19	1.00	0.0	
J258	JUNCTION	96.27	2.31	0.0	
J259	JUNCTION	99.32	1.00	0.0	
J270	JUNCTION	96.96	1.00	0.0	
J274	JUNCTION	91.38	1.00	0.0	
J276	JUNCTION	96.26	1.00	0.0	
J3	JUNCTION	93.50	1.51	0.0	
J33	JUNCTION	94.89	1.00	0.0	
J35	JUNCTION	94.77	1.00	0.0	
J43	JUNCTION	94.81	1.00	0.0	
J5	JUNCTION	91.80	1.70	0.0	
J53	JUNCTION	97.11	1.00	0.0	
J64	JUNCTION	97.50	1.00	0.0	
J8	JUNCTION	90.51	1.00	0.0	
J80	JUNCTION	98.08	1.00	0.0	
J86	JUNCTION	98.10	1.00	0.0	
J92	JUNCTION	98.28	1.00	0.0	
T009005	JUNCTION	100.28	1.61	0.0	
T009007	JUNCTION	100.64	0.00	0.0	
T012001	JUNCTION	101.00	1.07	0.0	
T013002	JUNCTION	100.64	1.62	0.0	
T013003	JUNCTION	100.81	1.83	0.0	
T013006	JUNCTION	101.35	1.62	0.0	
T013007	JUNCTION	101.66	1.78	0.0	
T013012	JUNCTION	103.47	2.28	0.0	
T013016	JUNCTION	103.45	2.28	0.0	
T013019	JUNCTION	104.45	2.28	0.0	
T013020	JUNCTION	104.78	2.80	0.0	
T013021	JUNCTION	105.12	2.80	0.0	
T013022	JUNCTION	105.45	1.81	0.0	
T013023	JUNCTION	105.79	0.97	0.0	
T013024	JUNCTION	106.12	1.96	0.0	
T013025	JUNCTION	106.29	1.96	0.0	
T013031	JUNCTION	107.32	1.76	0.0	
T013032	JUNCTION	107.71	1.76	0.0	
T013033	JUNCTION	108.26	1.76	0.0	
T013037	JUNCTION	108.54	1.76	0.0	
T013042	JUNCTION	108.52	1.76	0.0	
T013044	JUNCTION	108.53	1.69	0.0	
T013045	JUNCTION	108.54	1.69	0.0	
T014001	JUNCTION	103.48	2.28	0.0	
T015001	JUNCTION	104.54	1.35	0.0	
T015003	JUNCTION	106.14	1.35	0.0	
T016001	JUNCTION	108.62	1.76	0.0	
T016003	JUNCTION	108.77	1.55	0.0	
T043003	JUNCTION	101.17	1.83	0.0	
OF-A	OUTFALL	91.50	0.70	0.0	
OF-B	OUTFALL	93.23	0.70	0.0	
OF-C	OUTFALL	94.15	0.70	0.0	
OF-EX	OUTFALL	89.62	0.36	0.0	

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
C10	J152	J253	CONDUIT	84.4	0.4739	0.0350
C100	J14	J274	CONDUIT	51.1	1.3304	0.0350
C101	J274	J8	CONDUIT	24.2	3.6035	0.0350
C103	J8	OF-EX	CONDUIT	143.4	0.6208	0.0350
C1450_1	T015001	T013012	CONDUIT	198.3	0.5395	0.0350
C20	J53	J258	CONDUIT	107.0	0.7853	0.0350
C25	J137	J259	CONDUIT	137.0	0.8103	0.0350
C45	J160	J253	CONDUIT	132.0	1.0225	0.0350
C50	J86	J270	CONDUIT	71.7	1.5911	0.0350
C57	J253	J117	CONDUIT	158.9	1.0950	0.0350
C70	J117	J259	CONDUIT	111.5	1.0136	0.0350
C75	J259	J101	CONDUIT	45.7	0.5694	0.0350
C81	J101	J92	CONDUIT	79.2	0.9847	0.0350
C86	J92	J80	CONDUIT	38.0	0.5257	0.0350
C87	J80	J64	CONDUIT	60.7	0.9559	0.0350

C89	J64	J276	CONDUIT	56.3	2.2037	0.0350
C91	J276	J33	CONDUIT	154.1	0.8892	0.0350
C93	J33	J35	CONDUIT	44.1	0.2719	0.0350
C95	J35	J43	CONDUIT	103.2	-0.0388	0.0350
C96	J43	J17	CONDUIT	109.8	1.8944	0.0350
C99	J17	J14	CONDUIT	56.1	1.1939	0.0350
PUB_RD_CULVERT-A	J5	OF-A	CONDUIT	24.5	1.2269	0.0160
PUB_RD_CULVERT-B	16130	OF-B	CONDUIT	14.1	1.3287	0.0160
PUB_RD_CULVERT-C	26456	OF-C	CONDUIT	18.5	0.4320	0.0160
PUB_rd_DC01	26578	25025	CONDUIT	78.4	0.9229	0.0350
PUB_rd_DC02	25025	25010	CONDUIT	34.3	0.6902	0.0350
PUB_rd_DC03	25010	26481	CONDUIT	24.2	0.4125	0.0350
PUB_rd_DC04	26481	26456	CONDUIT	24.8	0.2823	0.0350
PUB_rd_DC06	26419	16017	CONDUIT	46.7	1.2295	0.0350
PUB_rd_DC07	16017	16130	CONDUIT	71.4	0.0056	0.0350
PUB_rd_DC09	J3	16130	CONDUIT	80.1	0.0986	0.0350
PUB_rd_DC11	16094	J5	CONDUIT	133.6	0.2965	0.0350
SMC09	T009005	J111	CONDUIT	94.9	1.0221	0.0350
SMC10	J111	J107	CONDUIT	88.8	1.2946	0.0350
SMC11	J107	J270	CONDUIT	157.1	0.7639	0.0350
SMC12	J270	J2	CONDUIT	5.2	0.6955	0.0350
SMC13	J2	J258	CONDUIT	89.2	0.7335	0.0350
SMC14	J258	16130	CONDUIT	233.3	1.2211	0.0350
U012001	T012001	T009005	CONDUIT	92.1	0.7815	0.0350
U013002	T013002	T009005	CONDUIT	69.6	0.5132	0.0350
U013003	T013003	T013002	CONDUIT	22.4	0.7941	0.0350
U013004	T043003	T013003	CONDUIT	43.7	0.8177	0.0350
U013006_2	T013006	T043003	CONDUIT	5.7	3.1238	0.0350
U013007	T013007	T013006	CONDUIT	36.6	0.8478	0.0350
U013008	T013012	T013007	CONDUIT	125.0	1.4481	0.0350
U013015	T013016	T013012	CONDUIT	57.1	-0.0350	0.0350
U013019	T013019	T013016	CONDUIT	28.3	3.5416	0.0350
U013020	T013020	T013019	CONDUIT	23.0	1.4552	0.0350
U013021	T013021	T013020	CONDUIT	23.2	1.4391	0.0350
U013022	T013022	T013021	CONDUIT	53.4	0.6253	0.0350
U013023	T013023	T013022	CONDUIT	42.9	0.7765	0.0350
U013024	T013024	T013023	CONDUIT	28.5	1.1722	0.0350
U013025	T013025	T013024	CONDUIT	94.1	0.1817	0.0350
U013026	T013031	T013025	CONDUIT	95.9	1.0726	0.0350
U013032	T013032	T013031	CONDUIT	140.8	0.2771	0.0350
U013033	T013033	T013032	CONDUIT	117.1	0.4695	0.0350
U013034	T013037	T013033	CONDUIT	154.0	0.1818	0.0350
U013038	T013042	T013037	CONDUIT	63.3	-0.0316	0.0350
U013044	T013044	T013042	CONDUIT	91.4	0.0109	0.0350
U013045	T013045	T013044	CONDUIT	49.4	0.0202	0.0350
U014001	T014001	T013012	CONDUIT	20.8	0.0482	0.0350
U015002	T015003	T015001	CONDUIT	278.1	0.5752	0.0350
U016001	T016001	T013037	CONDUIT	114.9	0.0670	0.0350
U016002	T016003	T016001	CONDUIT	52.3	0.2928	0.0350

Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
C10	TRAPEZOIDAL	0.60	1.92	0.41	4.40	1	2.08
C100	C100	0.71	6.52	0.35	18.54	1	10.64
C101	C101	0.84	7.08	0.37	18.97	1	19.75
C103	C103	0.36	2.17	0.16	13.16	1	1.47
C1450_1	T-C1450_1	0.72	48.96	0.45	109.00	1	60.06
C20	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1	0.75
C25	C25	0.16	0.78	0.08	9.50	1	0.38
C45	TRAPEZOIDAL	0.60	1.92	0.41	4.40	1	3.06
C50	C50	0.32	1.46	0.17	8.24	1	1.65
C57	C57	0.25	1.13	0.15	7.56	1	0.94
C70	C70	0.95	25.32	0.62	40.00	1	52.78
C75	TRAPEZOIDAL	1.00	4.00	0.62	6.00	1	6.26
C81	C81	0.13	0.54	0.07	8.04	1	0.25
C86	TRAPEZOIDAL	1.00	4.00	0.62	6.00	1	6.01
C87	C87	0.60	5.37	0.36	14.68	1	7.64
C89	C89	0.68	5.95	0.38	15.45	1	13.32
C91	C91	0.83	4.29	0.43	9.35	1	6.54
C93	C93	0.74	4.44	0.28	16.58	1	2.84
C95	C95	0.60	3.11	0.23	13.46	1	0.65
C96	C96	1.00	11.25	0.62	17.88	1	32.28
C99	C99	1.02	10.34	0.56	18.28	1	21.92
PUB_RD_CULVERT-A	CIRCULAR	0.70	0.38	0.17	0.70	1	0.83
PUB_RD_CULVERT-B	CIRCULAR	0.70	0.38	0.17	0.70	1	0.87
PUB_RD_CULVERT-C	CIRCULAR	0.70	0.38	0.17	0.70	1	0.49
PUB_rd_DC01	T-C61	1.40	31.09	1.06	28.33	1	88.90
PUB_rd_DC02	T-C68	0.39	4.46	0.17	26.00	1	3.25
PUB_rd_DC03	T-C74	0.96	12.73	0.52	24.00	1	15.18
PUB_rd_DC04	T-C76	0.89	9.68	0.53	18.00	1	9.64
PUB_rd_DC06	T-C84	0.85	66.36	0.61	107.55	1	151.88
PUB_rd_DC07	T-C97	1.29	44.87	0.57	78.00	1	6.61
PUB_rd_DC09	T-C118	1.19	26.94	0.97	27.26	1	23.71
PUB_rd_DC11	T-C8	1.38	56.32	0.90	62.00	1	81.60
SMC09	C72	0.65	6.89	0.49	13.72	1	12.41
SMC10	C80	0.75	4.30	0.30	14.17	1	6.26
SMC11	C85	0.65	3.74	0.23	15.97	1	3.52
SMC12	C113	0.64	6.62	0.34	19.26	1	7.63
SMC13	C113	0.64	6.62	0.34	19.26	1	7.83
SMC14	T-SMC14	0.69	5.14	0.41	12.33	1	8.97
U012001	T-U012001	1.07	27.12	0.40	68.28	1	36.88
U013002	321	1.61	51.75	0.78	66.00	1	89.75
U013003	320	1.62	149.95	0.78	199.32	1	322.26
U013004	319	1.83	119.20	0.94	126.00	1	295.49
U013006_2	320	1.62	149.95	0.78	199.32	1	639.17
U013007	320	1.62	149.95	0.78	199.32	1	332.98
U013008	311	1.78	234.40	1.06	220.01	1	836.66
U013015	304	2.28	281.58	1.39	200.35	1	187.31

U013019	301	2.28	281.58	1.39	200.35	1	1884.05
U013020	300	2.28	281.58	1.39	200.35	1	1207.68
U013021	299	2.80	352.47	1.56	223.17	1	1627.10
U013022	297	1.81	249.24	1.08	228.85	1	592.24
U013023	295	0.97	74.28	0.49	151.00	1	116.20
U013024	295	0.97	74.28	0.49	151.00	1	142.76
U013025	288	1.96	244.18	1.27	191.00	1	348.79
U013026	287	1.76	182.44	1.04	174.00	1	554.91
U013032	287	1.76	182.44	1.04	174.00	1	282.04
U013033	257	1.76	197.17	1.53	129.00	1	512.48
U013034	257	1.76	197.17	1.53	129.00	1	318.92
U013038	257	1.76	197.17	1.53	129.00	1	132.94
U013044	248	1.69	187.98	1.05	177.16	1	58.19
U013045	248	1.69	187.98	1.05	177.16	1	79.15
U014001	304	2.28	281.58	1.39	200.35	1	219.71
U015002	293	1.35	173.02	0.99	173.00	1	372.97
U016001	257	1.76	197.17	1.53	129.00	1	193.61
U016002	261	1.55	116.51	1.32	87.00	1	216.45

Transect Summary

Transect 248

Area:	0.0012	0.0050	0.0106	0.0178	0.0259
	0.0340	0.0429	0.0542	0.0667	0.0796
	0.0931	0.1071	0.1213	0.1358	0.1505
	0.1653	0.1805	0.1959	0.2117	0.2280
	0.2450	0.2628	0.2814	0.3011	0.3217
	0.3427	0.3643	0.3862	0.4085	0.4313
	0.4544	0.4779	0.5019	0.5264	0.5514
	0.5777	0.6051	0.6334	0.6623	0.6915
	0.7212	0.7514	0.7817	0.8122	0.8430
	0.8740	0.9053	0.9367	0.9683	1.0000
Hrad:	0.0147	0.0360	0.0555	0.0720	0.1021
	0.1321	0.1589	0.1781	0.1982	0.2216
	0.2454	0.2692	0.2933	0.3185	0.3437
	0.3688	0.3925	0.4125	0.4361	0.4582
	0.4791	0.4996	0.5155	0.5068	0.5203
	0.5389	0.5419	0.5629	0.5886	0.6148
	0.6408	0.6633	0.6801	0.7022	0.7193
	0.7297	0.7480	0.7373	0.7611	0.7846
	0.7929	0.8217	0.8502	0.8783	0.9060
	0.9332	0.9215	0.9501	0.9783	1.0000
Width:	0.0896	0.1428	0.2058	0.2484	0.2537
	0.2600	0.3086	0.3782	0.4019	0.4134
	0.4288	0.4432	0.4496	0.4564	0.4630
	0.4698	0.4780	0.4903	0.4994	0.5213
	0.5446	0.5717	0.5967	0.6361	0.6522
	0.6688	0.6790	0.6951	0.7034	0.7191
	0.7301	0.7426	0.7603	0.7731	0.8026
	0.8412	0.8758	0.8973	0.9097	0.9217
	0.9413	0.9473	0.9533	0.9597	0.9668
	0.9755	0.9824	0.9859	0.9897	1.0000

Transect 257

Area:	0.0009	0.0043	0.0155	0.0326	0.0513
	0.0705	0.0900	0.1096	0.1293	0.1491
	0.1689	0.1889	0.2089	0.2290	0.2493
	0.2695	0.2899	0.3103	0.3308	0.3515
	0.3722	0.3930	0.4139	0.4349	0.4559
	0.4771	0.4983	0.5195	0.5408	0.5622
	0.5836	0.6050	0.6265	0.6481	0.6696
	0.6913	0.7129	0.7346	0.7564	0.7782
	0.8000	0.8219	0.8439	0.8659	0.8880
	0.9101	0.9323	0.9546	0.9772	1.0000
Hrad:	0.0127	0.0220	0.0268	0.0418	0.0625
	0.0832	0.1057	0.1281	0.1504	0.1726
	0.1947	0.2166	0.2384	0.2604	0.2824
	0.3042	0.3258	0.3473	0.3687	0.3899
	0.4110	0.4319	0.4528	0.4740	0.4951
	0.5162	0.5378	0.5594	0.5809	0.6024
	0.6239	0.6453	0.6669	0.6884	0.7098
	0.7312	0.7526	0.7739	0.7952	0.8162
	0.8371	0.8578	0.8785	0.8991	0.9196
	0.9389	0.9582	0.9758	0.9856	1.0000
Width:	0.0755	0.2466	0.6479	0.7914	0.8230
	0.8434	0.8478	0.8515	0.8552	0.8589
	0.8629	0.8673	0.8717	0.8749	0.8776
	0.8811	0.8847	0.8883	0.8922	0.8961
	0.9002	0.9045	0.9086	0.9119	0.9153
	0.9186	0.9207	0.9228	0.9250	0.9271
	0.9293	0.9313	0.9332	0.9351	0.9369
	0.9388	0.9406	0.9425	0.9443	0.9465
	0.9487	0.9511	0.9534	0.9558	0.9583
	0.9619	0.9656	0.9708	0.9839	1.0000

Transect 261

Area:	0.0008	0.0049	0.0157	0.0315	0.0488
	0.0664	0.0840	0.1018	0.1196	0.1376
	0.1558	0.1743	0.1935	0.2136	0.2338
	0.2541	0.2745	0.2950	0.3157	0.3366
	0.3578	0.3791	0.4005	0.4221	0.4436
	0.4652	0.4869	0.5086	0.5303	0.5521
	0.5739	0.5958	0.6178	0.6398	0.6619

Hrad:	0.6840	0.7062	0.7284	0.7507	0.7731
	0.7955	0.8179	0.8404	0.8630	0.8857
	0.9084	0.9311	0.9540	0.9769	1.0000
	0.0094	0.0196	0.0284	0.0442	0.0654
	0.0881	0.1110	0.1338	0.1564	0.1789
	0.2007	0.2219	0.2336	0.2478	0.2699
	0.2919	0.3136	0.3352	0.3555	0.3749
	0.3926	0.4141	0.4355	0.4573	0.4795
	0.5017	0.5238	0.5458	0.5678	0.5896
	0.6110	0.6322	0.6534	0.6745	0.6959
Width:	0.7172	0.7385	0.7597	0.7809	0.8018
	0.8225	0.8432	0.8638	0.8843	0.9045
	0.9247	0.9447	0.9641	0.9821	1.0000
	0.1045	0.3072	0.6073	0.7380	0.7556
	0.7620	0.7661	0.7701	0.7741	0.7816
	0.7945	0.8097	0.8553	0.8719	0.8762
	0.8805	0.8852	0.8902	0.8979	0.9077
	0.9213	0.9251	0.9289	0.9319	0.9337
	0.9356	0.9374	0.9392	0.9411	0.9431
	0.9458	0.9486	0.9513	0.9540	0.9562
Transect 287	0.9584	0.9606	0.9628	0.9650	0.9675
	0.9701	0.9727	0.9752	0.9779	0.9808
	0.9837	0.9866	0.9901	0.9951	1.0000
	0.0007	0.0025	0.0050	0.0094	0.0150
	0.0223	0.0312	0.0412	0.0518	0.0631
	0.0748	0.0868	0.0993	0.1126	0.1265
	0.1407	0.1560	0.1732	0.1910	0.2097
	0.2296	0.2501	0.2709	0.2923	0.3143
	0.3369	0.3597	0.3827	0.4060	0.4294
	0.4533	0.4776	0.5023	0.5272	0.5524
Hrad:	0.5781	0.6048	0.6325	0.6611	0.6903
	0.7198	0.7496	0.7796	0.8100	0.8406
	0.8715	0.9028	0.9344	0.9669	1.0000
	0.0174	0.0403	0.0624	0.0700	0.0863
	0.1043	0.1231	0.1412	0.1615	0.1871
	0.2153	0.2428	0.2691	0.2752	0.3036
	0.3286	0.3363	0.3340	0.3621	0.3777
	0.3923	0.4087	0.4310	0.4572	0.4820
	0.4972	0.5269	0.5566	0.5871	0.6174
	0.6471	0.6655	0.6946	0.7232	0.7508
Width:	0.7776	0.8016	0.7850	0.7803	0.8050
	0.8333	0.8613	0.8893	0.8900	0.9189
	0.9497	0.9802	0.9925	0.9932	1.0000
	0.0388	0.0622	0.1001	0.1472	0.1932
	0.2439	0.2840	0.3062	0.3277	0.3432
	0.3525	0.3629	0.3840	0.4107	0.4181
	0.4292	0.4928	0.5252	0.5392	0.5788
	0.6051	0.6133	0.6294	0.6481	0.6639
	0.6780	0.6829	0.6894	0.6960	0.7026
	0.7203	0.7310	0.7387	0.7463	0.7564
Transect 288	0.7833	0.8082	0.8416	0.8655	0.8768
	0.8839	0.8911	0.9005	0.9100	0.9179
	0.9267	0.9355	0.9539	0.9783	1.0000
	0.0010	0.0041	0.0080	0.0120	0.0166
	0.0221	0.0281	0.0356	0.0450	0.0559
	0.0679	0.0809	0.0946	0.1096	0.1256
	0.1424	0.1601	0.1785	0.1973	0.2166
	0.2362	0.2562	0.2767	0.2976	0.3190
	0.3408	0.3630	0.3854	0.4081	0.4313
	0.4551	0.4794	0.5046	0.5303	0.5570
Hrad:	0.5842	0.6121	0.6408	0.6699	0.6991
	0.7284	0.7581	0.7882	0.8183	0.8485
	0.8787	0.9089	0.9392	0.9695	1.0000
	0.0152	0.0357	0.0624	0.0906	0.1150
	0.1343	0.1474	0.1574	0.1727	0.1854
	0.1964	0.2125	0.2323	0.2523	0.2716
	0.2912	0.3094	0.3223	0.3397	0.3603
	0.3816	0.4027	0.4234	0.4433	0.4642
	0.4773	0.5019	0.5261	0.5490	0.5716
	0.5843	0.6050	0.6063	0.6281	0.6415
Width:	0.6642	0.6855	0.7086	0.7021	0.7300
	0.7578	0.7764	0.8003	0.8300	0.8597
	0.8893	0.9189	0.9476	0.9756	1.0000
	0.0712	0.1182	0.1278	0.1435	0.1608
	0.1880	0.2146	0.2825	0.3407	0.3743
	0.4091	0.4352	0.4718	0.5087	0.5359
	0.5661	0.5886	0.6099	0.6231	0.6356
	0.6484	0.6618	0.6765	0.6914	0.7048
	0.7199	0.7286	0.7376	0.7480	0.7684
	0.7854	0.8099	0.8356	0.8533	0.8810
Transect 293	0.8972	0.9292	0.9437	0.9542	0.9578
	0.9614	0.9781	0.9849	0.9860	0.9870
	0.9881	0.9891	0.9911	0.9938	1.0000
	0.0002	0.0017	0.0076	0.0180	0.0315
	0.0464	0.0618	0.0777	0.0941	0.1106
	0.1274	0.1444	0.1616	0.1788	0.1961
	0.2134	0.2308	0.2482	0.2657	0.2835
	0.3019	0.3211	0.3410	0.3615	0.3822

Hrad:	0.4035	0.4256	0.4481	0.4709	0.4941
	0.5176	0.5414	0.5655	0.5897	0.6140
	0.6384	0.6629	0.6876	0.7125	0.7379
	0.7633	0.7888	0.8144	0.8401	0.8661
	0.8925	0.9193	0.9461	0.9730	1.0000
	0.0122	0.0174	0.0286	0.0426	0.0596
	0.0841	0.1083	0.1314	0.1552	0.1800
	0.2047	0.2290	0.2554	0.2816	0.3078
	0.3339	0.3599	0.3859	0.4116	0.4365
Width:	0.4603	0.4522	0.4721	0.4782	0.4958
	0.5115	0.5194	0.5446	0.5692	0.5932
	0.5929	0.6124	0.6356	0.6601	0.6832
	0.7072	0.7314	0.7553	0.7635	0.7873
	0.8113	0.8358	0.8602	0.8838	0.9065
	0.9044	0.9287	0.9532	0.9771	1.0000
	0.0201	0.1337	0.2971	0.4551	0.5431
	0.5612	0.5780	0.5961	0.6082	0.6168
	0.6247	0.6328	0.6349	0.6370	0.6391
Transect 295 Area:	0.6411	0.6430	0.6450	0.6525	0.6634
	0.6964	0.7225	0.7489	0.7581	0.7730
	0.8025	0.8218	0.8377	0.8487	0.8649
	0.8755	0.8866	0.8920	0.8954	0.9007
	0.9046	0.9081	0.9118	0.9347	0.9386
	0.9420	0.9449	0.9477	0.9514	0.9687
	0.9875	0.9903	0.9928	0.9960	1.0000
	0.0003	0.0010	0.0019	0.0030	0.0042
	0.0056	0.0069	0.0084	0.0100	0.0117
Hrad:	0.0135	0.0155	0.0190	0.0252	0.0351
	0.0484	0.0646	0.0820	0.1003	0.1191
	0.1385	0.1583	0.1787	0.1995	0.2207
	0.2424	0.2646	0.2869	0.3101	0.3335
	0.3572	0.3810	0.4053	0.4311	0.4591
	0.4887	0.5195	0.5513	0.5851	0.6198
	0.6554	0.6919	0.7293	0.7673	0.8055
	0.8439	0.8826	0.9215	0.9606	1.0000
	0.0211	0.0474	0.0750	0.1022	0.1327
Width:	0.1618	0.1896	0.2165	0.2421	0.2666
	0.2906	0.3103	0.3012	0.2603	0.2014
	0.1965	0.2057	0.2230	0.2483	0.2749
	0.3032	0.3311	0.3443	0.3772	0.4068
	0.4361	0.4694	0.5028	0.5239	0.5590
	0.5943	0.6263	0.6511	0.6805	0.6970
	0.7239	0.7510	0.7757	0.7070	0.7411
	0.7726	0.8025	0.7645	0.7946	0.8302
	0.8655	0.8985	0.9321	0.9655	1.0000
Transect 297 Area:	0.0138	0.0211	0.0257	0.0296	0.0319
	0.0343	0.0366	0.0389	0.0413	0.0438
	0.0463	0.0592	0.1186	0.1969	0.3025
	0.3850	0.4315	0.4577	0.4699	0.4830
	0.4954	0.5102	0.5230	0.5313	0.5434
	0.5560	0.5635	0.5706	0.5917	0.5966
	0.6009	0.6083	0.6272	0.6747	0.7351
	0.7626	0.7934	0.8281	0.8739	0.8887
	0.9079	0.9393	0.9541	0.9657	0.9703
	0.9751	0.9822	0.9885	0.9949	1.0000
Hrad:					
	0.0003	0.0012	0.0025	0.0040	0.0056
	0.0084	0.0120	0.0159	0.0200	0.0249
	0.0313	0.0386	0.0469	0.0565	0.0668
	0.0778	0.0900	0.1032	0.1195	0.1387
	0.1595	0.1808	0.2027	0.2253	0.2481
	0.2714	0.2950	0.3189	0.3435	0.3692
	0.3961	0.4243	0.4536	0.4832	0.5135
	0.5445	0.5759	0.6077	0.6400	0.6723
	0.7046	0.7371	0.7697	0.8025	0.8353
Width:	0.8682	0.9010	0.9340	0.9670	1.0000
	0.0210	0.0338	0.0615	0.0872	0.1125
	0.0821	0.1107	0.1387	0.1656	0.1848
	0.1868	0.2053	0.2169	0.2088	0.2319
	0.2502	0.2638	0.2868	0.3016	0.3125
	0.3199	0.3376	0.3557	0.3394	0.3683
	0.3942	0.4227	0.4496	0.4683	0.4932
	0.5153	0.5361	0.5195	0.5481	0.5728
	0.5993	0.6271	0.6498	0.6594	0.6909
Transect 299 Area:	0.7226	0.7542	0.7812	0.8128	0.8449
	0.8770	0.9091	0.9407	0.9721	1.0000
	0.0130	0.0367	0.0414	0.0458	0.0582
	0.1068	0.1141	0.1201	0.1271	0.1706
	0.2122	0.2290	0.2743	0.3010	0.3178
	0.3550	0.3772	0.4301	0.5442	0.6067
	0.6343	0.6511	0.6704	0.6844	0.6929
	0.7066	0.7157	0.7272	0.7583	0.7983
	0.8248	0.8727	0.8866	0.9028	0.9286
Transect 299 Area:	0.9365	0.9548	0.9672	0.9722	0.9745
	0.9765	0.9784	0.9865	0.9883	0.9894
	0.9905	0.9916	0.9931	0.9948	1.0000
	0.0012	0.0034	0.0066	0.0105	0.0152
	0.0213	0.0281	0.0355	0.0439	0.0533
	0.0647	0.0768	0.0897	0.1033	0.1182

Hrad:	0.1342	0.1506	0.1678	0.1853	0.2031
	0.2211	0.2392	0.2578	0.2769	0.2961
	0.3155	0.3352	0.3552	0.3764	0.3984
	0.4209	0.4439	0.4675	0.4916	0.5163
	0.5415	0.5678	0.5961	0.6271	0.6596
	0.6925	0.7257	0.7592	0.7930	0.8271
	0.8615	0.8959	0.9304	0.9650	1.0000
	0.0242	0.0503	0.0648	0.0936	0.1047
	0.1163	0.1443	0.1697	0.1867	0.1934
	0.1940	0.2191	0.2371	0.2672	0.2672
Width:	0.2946	0.3210	0.3428	0.3737	0.4051
	0.4362	0.4670	0.4970	0.5137	0.5459
	0.5756	0.6023	0.6299	0.6304	0.6575
	0.6840	0.7094	0.7310	0.7536	0.7783
	0.8023	0.8189	0.8270	0.7493	0.7678
	0.7962	0.8250	0.8540	0.8295	0.8543
	0.8870	0.9207	0.9545	0.9882	1.0000
	0.0555	0.0731	0.1023	0.1203	0.1465
	0.1846	0.2006	0.2183	0.2488	0.2908
	0.3354	0.3527	0.3805	0.3890	0.4448
Transect 300 Area:	0.4581	0.4719	0.4924	0.4989	0.5043
	0.5097	0.5160	0.5317	0.5420	0.5455
	0.5512	0.5597	0.5715	0.6152	0.6280
	0.6421	0.6562	0.6732	0.6900	0.7031
	0.7240	0.7646	0.8355	0.9069	0.9248
	0.9340	0.9416	0.9482	0.9573	0.9693
	0.9721	0.9737	0.9752	0.9787	1.0000
	0.0002	0.0016	0.0049	0.0095	0.0159
	0.0235	0.0316	0.0402	0.0492	0.0594
	0.0709	0.0849	0.0998	0.1151	0.1306
Hrad:	0.1464	0.1626	0.1791	0.1963	0.2145
	0.2332	0.2525	0.2725	0.2931	0.3149
	0.3386	0.3632	0.3885	0.4140	0.4399
	0.4661	0.4924	0.5190	0.5456	0.5723
	0.5991	0.6260	0.6532	0.6806	0.7081
	0.7357	0.7633	0.7912	0.8195	0.8480
	0.8769	0.9065	0.9369	0.9680	1.0000
	0.0147	0.0234	0.0418	0.0632	0.0735
	0.0960	0.1250	0.1494	0.1752	0.1952
	0.2107	0.2035	0.2149	0.2444	0.2731
Width:	0.2992	0.3241	0.3521	0.3706	0.3960
	0.4204	0.4450	0.4580	0.4832	0.5058
	0.5265	0.5471	0.5680	0.5894	0.6109
	0.5773	0.6054	0.6342	0.6644	0.6951
	0.7257	0.7526	0.7752	0.8046	0.8346
	0.8649	0.8951	0.9235	0.9519	0.9803
	0.9872	0.9783	0.9914	1.0160	1.0000
	0.0188	0.0841	0.1258	0.1720	0.2175
	0.2469	0.2552	0.2710	0.2902	0.3340
	0.4055	0.4463	0.4680	0.4746	0.4818
Transect 301 Area:	0.4931	0.5056	0.5161	0.5487	0.5680
	0.5868	0.6042	0.6281	0.6434	0.7090
	0.7494	0.7699	0.7843	0.7929	0.8031
	0.8103	0.8161	0.8208	0.8235	0.8255
	0.8274	0.8335	0.8442	0.8472	0.8496
	0.8516	0.8542	0.8671	0.8754	0.8829
	0.9011	0.9267	0.9470	0.9711	1.0000
	0.0002	0.0016	0.0049	0.0095	0.0159
	0.0235	0.0316	0.0402	0.0492	0.0594
	0.0709	0.0849	0.0998	0.1151	0.1306
Hrad:	0.1464	0.1626	0.1791	0.1963	0.2145
	0.2332	0.2525	0.2725	0.2931	0.3149
	0.3386	0.3632	0.3885	0.4140	0.4399
	0.4661	0.4924	0.5190	0.5456	0.5723
	0.5991	0.6260	0.6532	0.6806	0.7081
	0.7357	0.7633	0.7912	0.8195	0.8480
	0.8769	0.9065	0.9369	0.9680	1.0000
	0.0147	0.0234	0.0418	0.0632	0.0735
	0.0960	0.1250	0.1494	0.1752	0.1952
	0.2107	0.2035	0.2149	0.2444	0.2731
Width:	0.2992	0.3241	0.3521	0.3706	0.3960
	0.4204	0.4450	0.4580	0.4832	0.5058
	0.5265	0.5471	0.5680	0.5894	0.6109
	0.5773	0.6054	0.6342	0.6644	0.6951
	0.7257	0.7526	0.7752	0.8046	0.8346
	0.8649	0.8951	0.9235	0.9519	0.9803
	0.9872	0.9783	0.9914	1.0160	1.0000
	0.0188	0.0841	0.1258	0.1720	0.2175
	0.2469	0.2552	0.2710	0.2902	0.3340
	0.4055	0.4463	0.4680	0.4746	0.4818
Transect 304 Area:	0.4931	0.5056	0.5161	0.5487	0.5680
	0.5868	0.6042	0.6281	0.6434	0.7090
	0.7494	0.7699	0.7843	0.7929	0.8031
	0.8103	0.8161	0.8208	0.8235	0.8255
	0.8274	0.8335	0.8442	0.8472	0.8496
	0.8516	0.8542	0.8671	0.8754	0.8829
	0.9011	0.9267	0.9470	0.9711	1.0000
	0.0002	0.0016	0.0049	0.0095	0.0159

Hrad:	0.0235	0.0316	0.0402	0.0492	0.0594
	0.0709	0.0849	0.0998	0.1151	0.1306
	0.1464	0.1626	0.1791	0.1963	0.2145
	0.2332	0.2525	0.2725	0.2931	0.3149
	0.3386	0.3632	0.3885	0.4140	0.4399
	0.4661	0.4924	0.5190	0.5456	0.5723
	0.5991	0.6260	0.6532	0.6806	0.7081
	0.7357	0.7633	0.7912	0.8195	0.8480
	0.8769	0.9065	0.9369	0.9680	1.0000
Width:	0.0147	0.0234	0.0418	0.0632	0.0735
	0.0960	0.1250	0.1494	0.1752	0.1952
	0.2107	0.2035	0.2149	0.2444	0.2731
	0.2992	0.3241	0.3521	0.3706	0.3960
	0.4204	0.4450	0.4580	0.4832	0.5058
	0.5265	0.5471	0.5680	0.5894	0.6109
	0.5773	0.6054	0.6342	0.6644	0.6951
	0.7257	0.7526	0.7752	0.8046	0.8346
	0.8649	0.8951	0.9235	0.9519	0.9803
Transect 311	0.9872	0.9783	0.9914	1.0160	1.0000
	0.0188	0.0841	0.1258	0.1720	0.2175
	0.2469	0.2552	0.2710	0.2902	0.3340
	0.4055	0.4463	0.4680	0.4746	0.4818
	0.4931	0.5056	0.5161	0.5487	0.5680
	0.5868	0.6042	0.6281	0.6434	0.7090
	0.7494	0.7699	0.7843	0.7929	0.8031
	0.8103	0.8161	0.8208	0.8235	0.8255
	0.8274	0.8335	0.8442	0.8472	0.8496
Area:	0.8516	0.8542	0.8671	0.8754	0.8829
	0.9011	0.9267	0.9470	0.9711	1.0000
	0.0002	0.0013	0.0029	0.0049	0.0072
	0.0100	0.0131	0.0167	0.0209	0.0261
	0.0327	0.0401	0.0483	0.0577	0.0681
	0.0797	0.0920	0.1048	0.1185	0.1340
	0.1515	0.1710	0.1921	0.2151	0.2395
	0.2644	0.2898	0.3163	0.3438	0.3721
	0.4009	0.4303	0.4603	0.4905	0.5209
Hrad:	0.5515	0.5825	0.6136	0.6449	0.6763
	0.7079	0.7396	0.7716	0.8036	0.8359
	0.8683	0.9009	0.9338	0.9668	1.0000
	0.0134	0.0290	0.0533	0.0776	0.0918
	0.1125	0.1349	0.1442	0.1657	0.1587
	0.1521	0.1791	0.2024	0.2036	0.2252
	0.2475	0.2700	0.2807	0.3006	0.3202
	0.3352	0.3479	0.3618	0.3295	0.3253
	0.3553	0.3835	0.4081	0.4328	0.4586
Width:	0.4601	0.4883	0.5113	0.5412	0.5716
	0.5975	0.6273	0.6581	0.6883	0.7178
	0.7467	0.7756	0.8058	0.8349	0.8635
	0.8927	0.9192	0.9462	0.9755	1.0000
	0.0185	0.0446	0.0548	0.0631	0.0784
	0.0891	0.0975	0.1163	0.1360	0.1732
	0.2156	0.2243	0.2644	0.2941	0.3339
	0.3574	0.3747	0.3932	0.4417	0.4959
	0.5548	0.6122	0.6577	0.7166	0.7384
Transect 319	0.7542	0.7712	0.8118	0.8365	0.8536
	0.8737	0.8904	0.9025	0.9085	0.9134
	0.9250	0.9305	0.9342	0.9385	0.9436
	0.9493	0.9548	0.9585	0.9634	0.9688
	0.9732	0.9806	0.9871	0.9912	1.0000
	0.0012	0.0045	0.0089	0.0142	0.0200
	0.0265	0.0345	0.0436	0.0539	0.0650
	0.0765	0.0885	0.1010	0.1141	0.1278
	0.1418	0.1564	0.1714	0.1868	0.2027
Area:	0.2191	0.2361	0.2535	0.2714	0.2897
	0.3085	0.3278	0.3476	0.3679	0.3893
	0.4124	0.4361	0.4608	0.4862	0.5123
	0.5391	0.5667	0.5951	0.6242	0.6542
	0.6858	0.7185	0.7518	0.7856	0.8198
	0.8544	0.8893	0.9252	0.9621	1.0000
	0.0186	0.0448	0.0711	0.0997	0.1271
	0.1351	0.1555	0.1745	0.1941	0.2229
	0.2529	0.2817	0.3046	0.3313	0.3582
Hrad:	0.3854	0.4116	0.4370	0.4624	0.4868
	0.5113	0.5335	0.5573	0.5806	0.6063
	0.6301	0.6509	0.6737	0.6944	0.6639
	0.6837	0.7004	0.7141	0.7330	0.7507
	0.7718	0.7853	0.8030	0.8234	0.8206
	0.8284	0.8441	0.8703	0.8957	0.9245
	0.9538	0.9838	0.9803	0.9995	1.0000
	0.0645	0.1000	0.1258	0.1424	0.1574
	0.1966	0.2225	0.2508	0.2783	0.2922
Width:	0.3032	0.3148	0.3323	0.3453	0.3574
	0.3688	0.3807	0.3930	0.4048	0.4173
	0.4295	0.4434	0.4557	0.4684	0.4789
	0.4906	0.5046	0.5170	0.5308	0.5875
	0.6044	0.6239	0.6465	0.6646	0.6838
	0.6999	0.7231	0.7427	0.7597	0.7989
	0.8297	0.8530	0.8656	0.8785	0.8880
	0.8967	0.9046	0.9443	0.9628	1.0000
Transect 320					

Area:					
	0.0007	0.0025	0.0053	0.0086	0.0123
	0.0165	0.0214	0.0268	0.0328	0.0395
	0.0467	0.0546	0.0632	0.0723	0.0817
	0.0913	0.1012	0.1113	0.1218	0.1340
	0.1473	0.1613	0.1766	0.1942	0.2129
	0.2326	0.2531	0.2743	0.2968	0.3206
	0.3456	0.3720	0.3991	0.4277	0.4577
	0.4883	0.5195	0.5514	0.5840	0.6174
	0.6515	0.6870	0.7241	0.7620	0.8004
	0.8393	0.8785	0.9181	0.9582	1.0000
Hrad:					
	0.0209	0.0430	0.0724	0.1010	0.1301
	0.1533	0.1719	0.1956	0.2171	0.2366
	0.2598	0.2732	0.2956	0.3258	0.3583
	0.3906	0.4217	0.4504	0.4718	0.4310
	0.4482	0.4672	0.4771	0.4546	0.4786
	0.5004	0.5267	0.5544	0.5576	0.5757
	0.5951	0.5776	0.6080	0.6038	0.6298
	0.6586	0.6875	0.7119	0.7396	0.7612
	0.7890	0.7786	0.8059	0.8305	0.8627
	0.8969	0.9295	0.9622	0.9926	1.0000
Width:					
	0.0304	0.0568	0.0705	0.0821	0.0916
	0.1042	0.1202	0.1325	0.1461	0.1613
	0.1738	0.1930	0.2066	0.2144	0.2203
	0.2258	0.2318	0.2388	0.2495	0.3003
	0.3174	0.3336	0.3890	0.4223	0.4439
	0.4657	0.4834	0.5012	0.5405	0.5675
	0.5938	0.6222	0.6351	0.6843	0.7020
	0.7163	0.7300	0.7482	0.7628	0.7836
	0.7977	0.8524	0.8681	0.8863	0.8963
	0.9040	0.9131	0.9218	0.9433	1.0000
Transect 321					
Area:					
	0.0004	0.0017	0.0038	0.0067	0.0103
	0.0146	0.0196	0.0252	0.0314	0.0383
	0.0459	0.0541	0.0630	0.0725	0.0827
	0.0936	0.1051	0.1173	0.1303	0.1443
	0.1593	0.1750	0.1916	0.2090	0.2272
	0.2463	0.2666	0.2876	0.3097	0.3325
	0.3563	0.3810	0.4065	0.4328	0.4599
	0.4885	0.5185	0.5498	0.5825	0.6163
	0.6509	0.6864	0.7226	0.7599	0.7986
	0.8382	0.8781	0.9184	0.9590	1.0000
Hrad:					
	0.0206	0.0412	0.0617	0.0835	0.1074
	0.1304	0.1527	0.1747	0.1964	0.2179
	0.2392	0.2604	0.2816	0.3026	0.3236
	0.3445	0.3654	0.3832	0.3958	0.4101
	0.4278	0.4459	0.4642	0.4828	0.5016
	0.5121	0.5314	0.5496	0.5675	0.5866
	0.6052	0.6247	0.6470	0.6683	0.6837
	0.6858	0.6959	0.7090	0.7180	0.7412
	0.7661	0.7872	0.8126	0.8219	0.8362
	0.8682	0.9012	0.9350	0.9678	1.0000
Width:					
	0.0204	0.0408	0.0611	0.0803	0.0962
	0.1121	0.1280	0.1440	0.1599	0.1758
	0.1918	0.2077	0.2236	0.2396	0.2555
	0.2714	0.2873	0.3058	0.3291	0.3518
	0.3721	0.3922	0.4125	0.4326	0.4527
	0.4808	0.5015	0.5232	0.5455	0.5668
	0.5887	0.6097	0.6282	0.6474	0.6725
	0.7122	0.7450	0.7754	0.8112	0.8315
	0.8496	0.8719	0.8892	0.9244	0.9551
	0.9655	0.9744	0.9823	0.9909	1.0000
Transect 324					
Area:					
	0.0017	0.0045	0.0077	0.0116	0.0160
	0.0210	0.0268	0.0333	0.0405	0.0490
	0.0582	0.0680	0.0787	0.0900	0.1022
	0.1149	0.1282	0.1420	0.1575	0.1746
	0.1922	0.2104	0.2294	0.2492	0.2709
	0.2950	0.3203	0.3461	0.3720	0.3980
	0.4242	0.4506	0.4772	0.5040	0.5310
	0.5583	0.5857	0.6135	0.6416	0.6700
	0.6988	0.7279	0.7573	0.7887	0.8215
	0.8547	0.8897	0.9257	0.9625	1.0000
Hrad:					
	0.0242	0.0534	0.0786	0.1001	0.1222
	0.1377	0.1562	0.1755	0.1809	0.1959
	0.2205	0.2366	0.2552	0.2736	0.2939
	0.3163	0.3378	0.3554	0.3433	0.3583
	0.3851	0.4009	0.4256	0.4289	0.4216
	0.4306	0.4451	0.4784	0.5115	0.5442
	0.5760	0.6071	0.6375	0.6678	0.6979
	0.7270	0.7559	0.7817	0.8087	0.8341
	0.8589	0.8852	0.9137	0.8955	0.8868
	0.9148	0.9373	0.9558	0.9814	1.0000
Width:					
	0.0662	0.0790	0.0924	0.1087	0.1227
	0.1433	0.1611	0.1779	0.2103	0.2346
	0.2476	0.2696	0.2891	0.3087	0.3262
	0.3407	0.3559	0.3749	0.4304	0.4570
	0.4681	0.4923	0.5056	0.5450	0.6176
	0.6428	0.6749	0.6782	0.6817	0.6852
	0.6897	0.6949	0.7005	0.7061	0.7116
	0.7179	0.7243	0.7333	0.7411	0.7501
	0.7595	0.7674	0.7837	0.8544	0.8644
	0.8882	0.9329	0.9587	0.9738	1.0000

Transect C100

Area:	0.0007	0.0026	0.0059	0.0106	0.0160
	0.0221	0.0289	0.0363	0.0445	0.0535
	0.0633	0.0739	0.0849	0.0963	0.1084
	0.1218	0.1376	0.1555	0.1742	0.1936
	0.2135	0.2339	0.2548	0.2761	0.2979
	0.3201	0.3428	0.3659	0.3895	0.4134
	0.4378	0.4625	0.4877	0.5133	0.5393
	0.5657	0.5926	0.6201	0.6480	0.6765
	0.7055	0.7350	0.7650	0.7956	0.8267
	0.8583	0.8909	0.9248	0.9606	1.0000
Hrad:	0.0204	0.0408	0.0612	0.0838	0.1127
	0.1399	0.1657	0.1907	0.2114	0.2314
	0.2515	0.2783	0.3090	0.3360	0.3527
	0.3681	0.3790	0.3454	0.3711	0.4013
	0.4315	0.4614	0.4916	0.5213	0.5507
	0.5797	0.6087	0.6383	0.6675	0.6965
	0.7251	0.7534	0.7815	0.8094	0.8367
	0.8626	0.8863	0.9100	0.9335	0.9570
	0.9803	1.0035	1.0262	1.0485	1.0708
	1.0916	1.0909	1.0916	1.0530	1.0000
Width:	0.0325	0.0650	0.0975	0.1263	0.1424
	0.1586	0.1748	0.1909	0.2108	0.2315
	0.2522	0.2659	0.2751	0.2868	0.3075
	0.3589	0.4202	0.4509	0.4702	0.4832
	0.4956	0.5076	0.5189	0.5302	0.5415
	0.5528	0.5636	0.5737	0.5838	0.5939
	0.6039	0.6140	0.6241	0.6342	0.6445
	0.6557	0.6685	0.6812	0.6940	0.7067
	0.7194	0.7322	0.7452	0.7585	0.7717
	0.7860	0.8165	0.8509	0.9279	1.0000

Transect C101

Area:	0.0010	0.0042	0.0091	0.0150	0.0217
	0.0292	0.0372	0.0457	0.0547	0.0642
	0.0743	0.0848	0.0958	0.1072	0.1192
	0.1315	0.1444	0.1577	0.1714	0.1856
	0.2001	0.2149	0.2301	0.2457	0.2617
	0.2780	0.2947	0.3118	0.3292	0.3470
	0.3652	0.3838	0.4027	0.4227	0.4461
	0.4746	0.5042	0.5339	0.5639	0.5947
	0.6273	0.6618	0.6985	0.7394	0.7812
	0.8237	0.8669	0.9106	0.9550	1.0000
Hrad:	0.0228	0.0456	0.0760	0.1086	0.1390
	0.1705	0.2041	0.2364	0.2677	0.2980
	0.3276	0.3565	0.3860	0.4150	0.4435
	0.4716	0.4992	0.5265	0.5534	0.5845
	0.6164	0.6454	0.6742	0.7026	0.7307
	0.7586	0.7862	0.8136	0.8408	0.8677
	0.8945	0.9211	0.9461	0.9483	0.9238
	0.7291	0.7686	0.8077	0.8467	0.8841
	0.9183	0.9499	0.9613	0.8062	0.8385
	0.8706	0.9033	0.9358	0.9680	1.0000
Width:	0.0462	0.0923	0.1208	0.1387	0.1567
	0.1716	0.1826	0.1936	0.2047	0.2157
	0.2267	0.2378	0.2479	0.2581	0.2682
	0.2784	0.2886	0.2987	0.3089	0.3165
	0.3234	0.3316	0.3399	0.3481	0.3563
	0.3646	0.3728	0.3810	0.3893	0.3975
	0.4057	0.4140	0.4228	0.4703	0.5891
	0.6494	0.6544	0.6593	0.6643	0.7003
	0.7403	0.7830	0.8510	0.9167	0.9313
	0.9459	0.9595	0.9730	0.9865	1.0000

Transect C103

Area:	0.0019	0.0076	0.0153	0.0236	0.0324
	0.0418	0.0518	0.0623	0.0733	0.0847
	0.0966	0.1088	0.1214	0.1344	0.1478
	0.1616	0.1758	0.1904	0.2054	0.2208
	0.2366	0.2527	0.2693	0.2863	0.3038
	0.3216	0.3399	0.3587	0.3778	0.3974
	0.4175	0.4379	0.4588	0.4802	0.5019
	0.5241	0.5467	0.5698	0.5937	0.6190
	0.6458	0.6754	0.7106	0.7501	0.7902
	0.8307	0.8720	0.9140	0.9566	1.0000
Hrad:	0.0219	0.0450	0.0841	0.1210	0.1561
	0.1896	0.2219	0.2530	0.2854	0.3187
	0.3512	0.3830	0.4142	0.4448	0.4749
	0.5046	0.5338	0.5626	0.5910	0.6191
	0.6469	0.6744	0.7006	0.7261	0.7514
	0.7766	0.8016	0.8264	0.8511	0.8757
	0.9001	0.9245	0.9487	0.9729	0.9969
	1.0209	1.0447	1.0654	1.0536	1.0382
	1.0266	0.9715	0.8843	0.8231	0.8577
	0.8879	0.9162	0.9444	0.9723	1.0000
Width:	0.0873	0.1701	0.1828	0.1955	0.2082
	0.2209	0.2336	0.2463	0.2570	0.2660
	0.2750	0.2841	0.2931	0.3021	0.3112
	0.3202	0.3292	0.3382	0.3473	0.3563
	0.3653	0.3744	0.3839	0.3938	0.4037
	0.4136	0.4235	0.4334	0.4433	0.4532
	0.4631	0.4729	0.4828	0.4927	0.5026
	0.5125	0.5224	0.5339	0.5626	0.5954

	0.6285	0.7360	0.8739	0.9112	0.9211
	0.9355	0.9516	0.9677	0.9839	1.0000
Transect C109					
Area:					
	0.0006	0.0025	0.0057	0.0102	0.0159
	0.0225	0.0298	0.0377	0.0463	0.0555
	0.0653	0.0757	0.0866	0.0982	0.1103
	0.1231	0.1364	0.1504	0.1650	0.1804
	0.1965	0.2133	0.2308	0.2490	0.2679
	0.2876	0.3080	0.3292	0.3511	0.3738
	0.3972	0.4215	0.4469	0.4735	0.5012
	0.5299	0.5591	0.5887	0.6187	0.6494
	0.6809	0.7133	0.7466	0.7806	0.8153
	0.8508	0.8870	0.9239	0.9616	1.0000
Hrad:					
	0.0183	0.0367	0.0550	0.0733	0.0939
	0.1190	0.1429	0.1666	0.1909	0.2144
	0.2373	0.2597	0.2817	0.3032	0.3245
	0.3455	0.3663	0.3857	0.4026	0.4196
	0.4367	0.4546	0.4728	0.4909	0.5091
	0.5256	0.5423	0.5591	0.5760	0.5930
	0.6101	0.6220	0.6294	0.6378	0.6471
	0.6700	0.6965	0.7229	0.7489	0.7743
	0.7986	0.8173	0.8404	0.8643	0.8878
	0.9109	0.9337	0.9561	0.9782	1.0000
Width:					
	0.0329	0.0658	0.0986	0.1315	0.1601
	0.1785	0.1968	0.2140	0.2293	0.2446
	0.2598	0.2751	0.2904	0.3057	0.3210
	0.3363	0.3516	0.3680	0.3869	0.4057
	0.4246	0.4428	0.4608	0.4788	0.4968
	0.5164	0.5360	0.5556	0.5752	0.5948
	0.6144	0.6396	0.6701	0.7006	0.7311
	0.7465	0.7576	0.7686	0.7826	0.8021
	0.8220	0.8471	0.8673	0.8863	0.9052
	0.9242	0.9431	0.9621	0.9810	1.0000
Transect C113					
Area:					
	0.0010	0.0035	0.0067	0.0107	0.0154
	0.0208	0.0270	0.0339	0.0415	0.0500
	0.0592	0.0690	0.0793	0.0902	0.1016
	0.1136	0.1261	0.1392	0.1528	0.1670
	0.1818	0.1971	0.2140	0.2342	0.2555
	0.2776	0.3006	0.3244	0.3489	0.3737
	0.3987	0.4240	0.4498	0.4761	0.5030
	0.5307	0.5593	0.5902	0.6216	0.6534
	0.6857	0.7184	0.7516	0.7854	0.8198
	0.8548	0.8904	0.9264	0.9630	1.0000
Hrad:					
	0.0189	0.0455	0.0703	0.0931	0.1147
	0.1361	0.1560	0.1751	0.1941	0.2131
	0.2342	0.2585	0.2818	0.3048	0.3273
	0.3495	0.3713	0.3925	0.4135	0.4343
	0.4550	0.4694	0.4639	0.4241	0.4433
	0.4635	0.4840	0.5044	0.5326	0.5652
	0.5975	0.6224	0.6468	0.6709	0.6926
	0.7057	0.7034	0.7077	0.7348	0.7617
	0.7884	0.8138	0.8358	0.8576	0.8793
	0.9025	0.9255	0.9484	0.9729	1.0000
Width:					
	0.0524	0.0777	0.0972	0.1167	0.1363
	0.1553	0.1753	0.1962	0.2171	0.2380
	0.2565	0.2708	0.2854	0.3001	0.3148
	0.3295	0.3443	0.3594	0.3746	0.3897
	0.4049	0.4256	0.5056	0.5599	0.5843
	0.6073	0.6297	0.6521	0.6638	0.6693
	0.6747	0.6882	0.7020	0.7158	0.7320
	0.7575	0.8007	0.8395	0.8509	0.8623
	0.8737	0.8862	0.9024	0.9186	0.9347
	0.9491	0.9635	0.9779	0.9903	1.0000
Transect C114					
Area:					
	0.0028	0.0095	0.0168	0.0246	0.0327
	0.0413	0.0503	0.0598	0.0697	0.0800
	0.0908	0.1020	0.1136	0.1257	0.1382
	0.1515	0.1655	0.1802	0.1956	0.2117
	0.2285	0.2465	0.2659	0.2864	0.3077
	0.3295	0.3518	0.3747	0.3980	0.4219
	0.4463	0.4712	0.4966	0.5224	0.5484
	0.5748	0.6016	0.6288	0.6563	0.6842
	0.7125	0.7411	0.7701	0.8000	0.8308
	0.8627	0.8955	0.9293	0.9641	1.0000
Hrad:					
	0.0187	0.0502	0.0835	0.1151	0.1454
	0.1745	0.2025	0.2298	0.2562	0.2820
	0.3073	0.3320	0.3562	0.3801	0.3973
	0.4129	0.4288	0.4448	0.4610	0.4775
	0.4892	0.4907	0.4944	0.5067	0.5310
	0.5550	0.5788	0.6024	0.6257	0.6488
	0.6718	0.6945	0.7209	0.7480	0.7734
	0.7986	0.8235	0.8482	0.8727	0.8970
	0.9211	0.9449	0.9631	0.9670	0.9718
	0.9775	0.9847	0.9926	1.0010	1.0000
Width:					
	0.1519	0.1934	0.2052	0.2171	0.2289
	0.2407	0.2526	0.2644	0.2762	0.2881
	0.2999	0.3118	0.3236	0.3354	0.3529
	0.3722	0.3915	0.4109	0.4303	0.4497
	0.4740	0.5099	0.5457	0.5738	0.5881
	0.6024	0.6167	0.6310	0.6454	0.6597

	0.6740	0.6883	0.6982	0.7068	0.7169
	0.7269	0.7370	0.7470	0.7570	0.7671
	0.7771	0.7872	0.8019	0.8293	0.8566
	0.8838	0.9103	0.9368	0.9633	1.0000
Transect C116					
Area:					
	0.0004	0.0017	0.0038	0.0068	0.0106
	0.0149	0.0198	0.0254	0.0315	0.0382
	0.0455	0.0532	0.0614	0.0698	0.0786
	0.0876	0.0970	0.1066	0.1165	0.1267
	0.1372	0.1480	0.1591	0.1705	0.1841
	0.1992	0.2151	0.2317	0.2491	0.2673
	0.2883	0.3124	0.3384	0.3665	0.3964
	0.4283	0.4617	0.4958	0.5307	0.5663
	0.6042	0.6444	0.6858	0.7279	0.7708
	0.8146	0.8593	0.9048	0.9514	1.0000
Hrad:					
	0.0248	0.0495	0.0743	0.0991	0.1297
	0.1595	0.1881	0.2160	0.2433	0.2701
	0.2966	0.3310	0.3650	0.4011	0.4365
	0.4711	0.5052	0.5386	0.5715	0.6040
	0.6360	0.6676	0.6988	0.7297	0.7500
	0.7665	0.7840	0.8020	0.8149	0.8228
	0.8252	0.8245	0.8203	0.8165	0.8151
	0.8160	0.6861	0.7192	0.7519	0.7843
	0.7543	0.7812	0.8100	0.8455	0.8790
	0.9122	0.9452	0.9779	0.9917	1.0000
Width:					
	0.0172	0.0345	0.0517	0.0690	0.0815
	0.0935	0.1054	0.1173	0.1292	0.1412
	0.1531	0.1606	0.1679	0.1738	0.1796
	0.1855	0.1914	0.1973	0.2032	0.2091
	0.2150	0.2209	0.2267	0.2326	0.2994
	0.3137	0.3280	0.3423	0.3586	0.3769
	0.4660	0.5055	0.5464	0.5853	0.6242
	0.6631	0.6811	0.6963	0.7115	0.7267
	0.8000	0.8228	0.8436	0.8582	0.8753
	0.8925	0.9097	0.9268	0.9605	1.0000
Transect C16					
Area:					
	0.0011	0.0048	0.0125	0.0220	0.0320
	0.0425	0.0534	0.0649	0.0769	0.0894
	0.1028	0.1169	0.1318	0.1475	0.1640
	0.1815	0.2000	0.2192	0.2391	0.2596
	0.2807	0.3024	0.3248	0.3477	0.3708
	0.3941	0.4175	0.4412	0.4650	0.4890
	0.5132	0.5375	0.5619	0.5865	0.6113
	0.6362	0.6612	0.6864	0.7117	0.7372
	0.7628	0.7885	0.8144	0.8405	0.8667
	0.8930	0.9195	0.9461	0.9728	1.0000
Hrad:					
	0.0139	0.0261	0.0378	0.0631	0.0872
	0.1105	0.1329	0.1546	0.1757	0.1924
	0.2086	0.2246	0.2404	0.2551	0.2682
	0.2816	0.2950	0.3120	0.3301	0.3479
	0.3654	0.3828	0.4000	0.4208	0.4450
	0.4691	0.4930	0.5167	0.5403	0.5636
	0.5874	0.6113	0.6350	0.6586	0.6821
	0.7054	0.7286	0.7516	0.7746	0.7974
	0.8201	0.8426	0.8651	0.8874	0.9096
	0.9317	0.9537	0.9756	0.9973	1.0000
Width:					
	0.0802	0.2058	0.3363	0.3541	0.3719
	0.3898	0.4076	0.4254	0.4433	0.4711
	0.4992	0.5274	0.5555	0.5857	0.6198
	0.6534	0.6868	0.7120	0.7342	0.7563
	0.7785	0.8006	0.8228	0.8370	0.8435
	0.8499	0.8564	0.8629	0.8694	0.8759
	0.8815	0.8867	0.8919	0.8971	0.9024
	0.9076	0.9128	0.9180	0.9233	0.9285
	0.9337	0.9389	0.9442	0.9494	0.9546
	0.9598	0.9651	0.9703	0.9756	1.0000
Transect C25					
Area:					
	0.0069	0.0156	0.0246	0.0340	0.0439
	0.0541	0.0648	0.0759	0.0874	0.0993
	0.1116	0.1243	0.1374	0.1510	0.1649
	0.1793	0.1941	0.2093	0.2249	0.2409
	0.2573	0.2742	0.2915	0.3093	0.3278
	0.3468	0.3664	0.3866	0.4074	0.4288
	0.4508	0.4733	0.4965	0.5203	0.5447
	0.5698	0.5955	0.6220	0.6491	0.6770
	0.7055	0.7347	0.7646	0.7952	0.8265
	0.8584	0.8915	0.9261	0.9623	1.0000
Hrad:					
	0.0316	0.0675	0.1019	0.1350	0.1670
	0.1979	0.2280	0.2573	0.2858	0.3137
	0.3410	0.3678	0.3942	0.4201	0.4456
	0.4707	0.4955	0.5199	0.5438	0.5675
	0.5910	0.6142	0.6359	0.6527	0.6696
	0.6867	0.7039	0.7212	0.7386	0.7561
	0.7737	0.7914	0.8091	0.8269	0.8422
	0.8571	0.8723	0.8876	0.9032	0.9189
	0.9348	0.9508	0.9670	0.9833	0.9997
	1.0139	1.0082	1.0004	0.9949	1.0000
Width:					
	0.2198	0.2306	0.2413	0.2521	0.2628
	0.2735	0.2843	0.2950	0.3057	0.3165
	0.3272	0.3379	0.3487	0.3594	0.3702
	0.3809	0.3916	0.4025	0.4135	0.4244

	0.4354	0.4464	0.4583	0.4738	0.4893
	0.5049	0.5204	0.5359	0.5514	0.5669
	0.5825	0.5980	0.6135	0.6290	0.6466
	0.6646	0.6826	0.7006	0.7186	0.7366
	0.7546	0.7726	0.7906	0.8086	0.8266
	0.8465	0.8842	0.9257	0.9672	1.0000
Transect C36					
Area:	0.0014	0.0049	0.0097	0.0158	0.0227
	0.0302	0.0381	0.0468	0.0582	0.0717
	0.0868	0.1026	0.1188	0.1354	0.1525
	0.1701	0.1881	0.2066	0.2255	0.2449
	0.2648	0.2851	0.3058	0.3269	0.3484
	0.3704	0.3927	0.4155	0.4386	0.4621
	0.4860	0.5102	0.5348	0.5598	0.5851
	0.6108	0.6368	0.6631	0.6898	0.7167
	0.7440	0.7716	0.7995	0.8277	0.8562
	0.8848	0.9134	0.9422	0.9710	1.0000
Hrad:	0.0147	0.0345	0.0517	0.0685	0.0918
	0.1144	0.1360	0.1552	0.1673	0.1780
	0.1624	0.1864	0.2100	0.2330	0.2554
	0.2773	0.2989	0.3201	0.3410	0.3616
	0.3827	0.4037	0.4244	0.4448	0.4650
	0.4851	0.5049	0.5253	0.5458	0.5661
	0.5863	0.6063	0.6261	0.6457	0.6653
	0.6850	0.7056	0.7261	0.7464	0.7665
	0.7866	0.8065	0.8263	0.8460	0.8710
	0.8969	0.9228	0.9486	0.9744	1.0000
Width:	0.0973	0.1425	0.1877	0.2305	0.2479
	0.2639	0.2799	0.3451	0.4309	0.4991
	0.5350	0.5505	0.5659	0.5813	0.5973
	0.6134	0.6294	0.6455	0.6615	0.6776
	0.6921	0.7064	0.7208	0.7351	0.7494
	0.7637	0.7780	0.7911	0.8038	0.8164
	0.8290	0.8417	0.8543	0.8669	0.8796
	0.8917	0.9026	0.9134	0.9243	0.9351
	0.9460	0.9568	0.9677	0.9785	0.9831
	0.9865	0.9898	0.9932	0.9966	1.0000
Transect C50					
Area:	0.0020	0.0078	0.0169	0.0267	0.0369
	0.0476	0.0587	0.0703	0.0824	0.0950
	0.1080	0.1215	0.1354	0.1498	0.1647
	0.1800	0.1958	0.2120	0.2288	0.2460
	0.2636	0.2818	0.3005	0.3196	0.3393
	0.3595	0.3802	0.4013	0.4230	0.4452
	0.4678	0.4910	0.5147	0.5388	0.5635
	0.5887	0.6144	0.6408	0.6678	0.6952
	0.7230	0.7513	0.7799	0.8090	0.8385
	0.8684	0.8988	0.9308	0.9647	1.0000
Hrad:	0.0181	0.0362	0.0642	0.0966	0.1277
	0.1576	0.1866	0.2147	0.2420	0.2687
	0.2947	0.3202	0.3452	0.3698	0.3940
	0.4177	0.4412	0.4643	0.4870	0.5092
	0.5311	0.5523	0.5733	0.5941	0.6148
	0.6354	0.6558	0.6762	0.6964	0.7165
	0.7365	0.7565	0.7764	0.7961	0.8159
	0.8355	0.8507	0.8652	0.8845	0.9062
	0.9278	0.9492	0.9705	0.9917	1.0127
	1.0336	1.0387	1.0111	0.9916	1.0000
Width:	0.1094	0.2187	0.2663	0.2792	0.2922
	0.3052	0.3181	0.3311	0.3441	0.3571
	0.3700	0.3830	0.3960	0.4089	0.4219
	0.4349	0.4478	0.4608	0.4739	0.4873
	0.5008	0.5147	0.5287	0.5426	0.5566
	0.5706	0.5846	0.5985	0.6125	0.6265
	0.6404	0.6544	0.6684	0.6823	0.6963
	0.7103	0.7280	0.7466	0.7606	0.7722
	0.7837	0.7952	0.8067	0.8182	0.8298
	0.8413	0.8659	0.9211	0.9733	1.0000
Transect C57					
Area:	0.0025	0.0100	0.0195	0.0296	0.0402
	0.0514	0.0631	0.0753	0.0881	0.1014
	0.1153	0.1297	0.1446	0.1601	0.1761
	0.1927	0.2098	0.2274	0.2455	0.2641
	0.2831	0.3023	0.3218	0.3416	0.3617
	0.3821	0.4027	0.4237	0.4449	0.4665
	0.4883	0.5105	0.5332	0.5562	0.5797
	0.6036	0.6279	0.6526	0.6778	0.7033
	0.7293	0.7559	0.7835	0.8121	0.8417
	0.8722	0.9033	0.9350	0.9672	1.0000
Hrad:	0.0169	0.0365	0.0673	0.0967	0.1247
	0.1518	0.1778	0.2031	0.2277	0.2516
	0.2751	0.2980	0.3205	0.3426	0.3643
	0.3861	0.4078	0.4293	0.4506	0.4738
	0.4995	0.5249	0.5499	0.5747	0.5992
	0.6234	0.6474	0.6711	0.6946	0.7179
	0.7395	0.7582	0.7768	0.7953	0.8138
	0.8321	0.8504	0.8685	0.8867	0.9047
	0.9227	0.9240	0.9240	0.9252	0.9273
	0.9359	0.9519	0.9679	0.9840	1.0000
Width:	0.1525	0.2798	0.2962	0.3127	0.3291
	0.3455	0.3619	0.3783	0.3947	0.4111

	0.4275	0.4439	0.4603	0.4767	0.4932
	0.5091	0.5246	0.5402	0.5557	0.5682
	0.5769	0.5857	0.5944	0.6032	0.6119
	0.6207	0.6294	0.6382	0.6469	0.6556
	0.6658	0.6784	0.6910	0.7036	0.7162
	0.7288	0.7415	0.7541	0.7667	0.7793
	0.7919	0.8195	0.8493	0.8792	0.9090
	0.9331	0.9498	0.9665	0.9833	1.0000
Transect C70					
Area:					
	0.0002	0.0007	0.0015	0.0027	0.0051
	0.0099	0.0173	0.0278	0.0433	0.0599
	0.0768	0.0939	0.1114	0.1291	0.1472
	0.1657	0.1846	0.2038	0.2233	0.2431
	0.2632	0.2836	0.3044	0.3256	0.3471
	0.3690	0.3911	0.4135	0.4363	0.4593
	0.4826	0.5063	0.5303	0.5546	0.5793
	0.6045	0.6303	0.6571	0.6846	0.7124
	0.7404	0.7685	0.7968	0.8253	0.8540
	0.8828	0.9118	0.9409	0.9702	1.0000
Hrad:					
	0.0153	0.0305	0.0458	0.0610	0.0635
	0.0641	0.0718	0.0807	0.0801	0.1091
	0.1376	0.1656	0.1927	0.2194	0.2442
	0.2682	0.2940	0.3194	0.3446	0.3697
	0.3945	0.4163	0.4378	0.4607	0.4833
	0.5066	0.5298	0.5526	0.5750	0.5972
	0.6188	0.6401	0.6609	0.6812	0.6990
	0.7134	0.7278	0.7253	0.7441	0.7684
	0.7932	0.8177	0.8422	0.8671	0.8920
	0.9168	0.9414	0.9660	0.9835	1.0000
Width:					
	0.0114	0.0229	0.0343	0.0457	0.1145
	0.2010	0.2939	0.4215	0.5507	0.5591
	0.5676	0.5763	0.5866	0.5969	0.6111
	0.6262	0.6360	0.6459	0.6555	0.6647
	0.6740	0.6879	0.7018	0.7131	0.7243
	0.7341	0.7438	0.7536	0.7637	0.7738
	0.7845	0.7952	0.8064	0.8180	0.8324
	0.8510	0.8695	0.9098	0.9238	0.9304
	0.9364	0.9424	0.9484	0.9538	0.9589
	0.9641	0.9692	0.9744	0.9867	1.0000
Transect C72					
Area:					
	0.0006	0.0025	0.0056	0.0106	0.0184
	0.0282	0.0398	0.0523	0.0656	0.0799
	0.0948	0.1103	0.1265	0.1436	0.1621
	0.1818	0.2025	0.2239	0.2457	0.2680
	0.2908	0.3138	0.3370	0.3603	0.3836
	0.4071	0.4307	0.4543	0.4781	0.5019
	0.5259	0.5500	0.5741	0.5984	0.6227
	0.6472	0.6718	0.6964	0.7212	0.7460
	0.7710	0.7960	0.8212	0.8464	0.8718
	0.8972	0.9228	0.9484	0.9742	1.0000
Hrad:					
	0.0131	0.0263	0.0394	0.0409	0.0546
	0.0689	0.0866	0.1061	0.1247	0.1440
	0.1636	0.1826	0.2012	0.2108	0.2221
	0.2358	0.2521	0.2723	0.2922	0.3118
	0.3312	0.3557	0.3802	0.4045	0.4287
	0.4528	0.4768	0.5007	0.5244	0.5481
	0.5716	0.5950	0.6184	0.6416	0.6647
	0.6877	0.7106	0.7334	0.7562	0.7788
	0.8013	0.8238	0.8461	0.8683	0.8905
	0.9126	0.9346	0.9565	0.9783	1.0000
Width:					
	0.0481	0.0963	0.1444	0.2622	0.3419
	0.4157	0.4657	0.4998	0.5340	0.5625
	0.5875	0.6125	0.6375	0.6907	0.7402
	0.7817	0.8144	0.8330	0.8517	0.8704
	0.8890	0.8928	0.8967	0.9005	0.9043
	0.9081	0.9120	0.9158	0.9196	0.9234
	0.9273	0.9311	0.9349	0.9388	0.9426
	0.9464	0.9502	0.9541	0.9579	0.9617
	0.9656	0.9694	0.9732	0.9770	0.9809
	0.9847	0.9885	0.9923	0.9962	1.0000
Transect C80					
Area:					
	0.0012	0.0046	0.0105	0.0182	0.0264
	0.0351	0.0441	0.0536	0.0635	0.0739
	0.0846	0.0958	0.1074	0.1193	0.1318
	0.1446	0.1578	0.1713	0.1853	0.1997
	0.2144	0.2296	0.2451	0.2610	0.2774
	0.2943	0.3115	0.3293	0.3474	0.3660
	0.3851	0.4045	0.4246	0.4452	0.4663
	0.4881	0.5103	0.5333	0.5573	0.5824
	0.6085	0.6378	0.6779	0.7213	0.7656
	0.8106	0.8565	0.9033	0.9512	1.0000
Hrad:					
	0.0248	0.0497	0.0745	0.1123	0.1550
	0.1959	0.2352	0.2732	0.3100	0.3459
	0.3808	0.4149	0.4483	0.4810	0.5134
	0.5462	0.5785	0.6103	0.6416	0.6726
	0.7032	0.7334	0.7623	0.7897	0.8168
	0.8438	0.8707	0.8974	0.9241	0.9506
	0.9770	1.0011	1.0214	1.0420	1.0628
	1.0837	1.1049	1.1126	1.1112	1.1120
	1.1148	0.8397	0.7821	0.8106	0.8453
	0.8796	0.9116	0.9413	0.9707	1.0000
Width:					

	0.0471	0.0942	0.1413	0.1628	0.1712
	0.1797	0.1881	0.1966	0.2050	0.2135
	0.2220	0.2304	0.2389	0.2473	0.2556
	0.2635	0.2713	0.2792	0.2870	0.2949
	0.3027	0.3106	0.3189	0.3278	0.3367
	0.3457	0.3546	0.3635	0.3724	0.3814
	0.3903	0.4001	0.4116	0.4231	0.4345
	0.4460	0.4575	0.4749	0.4972	0.5195
	0.5418	0.7575	0.8656	0.8889	0.9049
	0.9209	0.9390	0.9593	0.9797	1.0000

Transect C81

Area:	0.0005	0.0021	0.0047	0.0084	0.0132
	0.0190	0.0258	0.0337	0.0427	0.0527
	0.0637	0.0759	0.0890	0.1031	0.1180
	0.1336	0.1499	0.1671	0.1851	0.2038
	0.2233	0.2435	0.2646	0.2864	0.3090
	0.3323	0.3561	0.3801	0.4044	0.4290
	0.4538	0.4789	0.5043	0.5300	0.5560
	0.5822	0.6087	0.6354	0.6625	0.6898
	0.7174	0.7453	0.7735	0.8022	0.8316
	0.8621	0.8942	0.9278	0.9631	1.0000

Hrad:	0.0190	0.0380	0.0570	0.0760	0.0950
	0.1139	0.1329	0.1519	0.1709	0.1899
	0.2089	0.2279	0.2469	0.2711	0.2943
	0.3171	0.3395	0.3616	0.3835	0.4051
	0.4265	0.4477	0.4688	0.4897	0.5105
	0.5346	0.5659	0.5969	0.6276	0.6580
	0.6882	0.7181	0.7477	0.7770	0.8061
	0.8350	0.8637	0.8921	0.9203	0.9483
	0.9761	1.0037	1.0245	1.0396	1.0549
	1.0696	1.0829	1.0950	1.1063	1.0000

Width:	0.0280	0.0559	0.0839	0.1118	0.1398
	0.1677	0.1957	0.2236	0.2516	0.2795
	0.3075	0.3355	0.3634	0.3832	0.4039
	0.4245	0.4451	0.4657	0.4863	0.5069
	0.5275	0.5481	0.5687	0.5893	0.6099
	0.6264	0.6337	0.6409	0.6482	0.6555
	0.6628	0.6701	0.6774	0.6847	0.6920
	0.6993	0.7066	0.7138	0.7211	0.7284
	0.7357	0.7430	0.7553	0.7718	0.7883
	0.8295	0.8721	0.9148	0.9574	1.0000

Transect C85

Area:	0.0026	0.0095	0.0171	0.0249	0.0332
	0.0417	0.0505	0.0597	0.0692	0.0790
	0.0892	0.0996	0.1104	0.1215	0.1329
	0.1447	0.1568	0.1692	0.1819	0.1949
	0.2083	0.2221	0.2362	0.2507	0.2655
	0.2807	0.2962	0.3122	0.3287	0.3457
	0.3631	0.3809	0.3993	0.4181	0.4374
	0.4574	0.4784	0.5006	0.5237	0.5484
	0.5764	0.6084	0.6480	0.6914	0.7376
	0.7866	0.8375	0.8904	0.9448	1.0000

Hrad:	0.0280	0.0717	0.1233	0.1728	0.2206
	0.2668	0.3115	0.3551	0.3974	0.4388
	0.4792	0.5188	0.5576	0.5958	0.6333
	0.6702	0.7066	0.7425	0.7779	0.8111
	0.8439	0.8764	0.9086	0.9406	0.9724
	1.0039	1.0315	1.0560	1.0807	1.1055
	1.1305	1.1556	1.1809	1.2062	1.2316
	1.2253	1.2197	1.2172	1.2174	1.1584
	1.0671	1.0067	0.8601	0.8570	0.8597
	0.8749	0.8963	0.9182	0.9586	1.0000

Width:	0.0937	0.1334	0.1391	0.1449	0.1507
	0.1565	0.1623	0.1681	0.1739	0.1797
	0.1855	0.1913	0.1971	0.2029	0.2087
	0.2144	0.2202	0.2260	0.2318	0.2382
	0.2446	0.2510	0.2574	0.2638	0.2702
	0.2766	0.2840	0.2925	0.3009	0.3093
	0.3177	0.3261	0.3345	0.3430	0.3514
	0.3696	0.3887	0.4077	0.4268	0.4703
	0.5376	0.6453	0.7529	0.8068	0.8584
	0.8998	0.9354	0.9711	0.9864	1.0000

Transect C87

Area:	0.0010	0.0041	0.0092	0.0158	0.0235
	0.0324	0.0423	0.0531	0.0650	0.0778
	0.0915	0.1060	0.1212	0.1372	0.1540
	0.1712	0.1889	0.2070	0.2254	0.2444
	0.2637	0.2834	0.3036	0.3241	0.3451
	0.3664	0.3882	0.4102	0.4327	0.4555
	0.4787	0.5022	0.5261	0.5504	0.5750
	0.6001	0.6256	0.6514	0.6777	0.7044
	0.7316	0.7593	0.7874	0.8160	0.8452
	0.8749	0.9052	0.9361	0.9677	1.0000

Hrad:	0.0163	0.0327	0.0511	0.0723	0.0921
	0.1125	0.1330	0.1527	0.1720	0.1915
	0.2126	0.2331	0.2532	0.2730	0.2956
	0.3207	0.3454	0.3697	0.3936	0.4173
	0.4408	0.4642	0.4874	0.5103	0.5329
	0.5554	0.5786	0.6017	0.6245	0.6472
	0.6696	0.6919	0.7132	0.7342	0.7551
	0.7758	0.7964	0.8165	0.8348	0.8530
	0.8711	0.8892	0.9065	0.9218	0.9372

	0.9527	0.9672	0.9779	0.9888	1.0000
Width:	0.0631	0.1263	0.1811	0.2180	0.2550
	0.2880	0.3181	0.3481	0.3782	0.4066
	0.4307	0.4547	0.4788	0.5028	0.5210
	0.5341	0.5470	0.5599	0.5728	0.5857
	0.5983	0.6106	0.6230	0.6353	0.6476
	0.6599	0.6709	0.6819	0.6928	0.7038
	0.7148	0.7258	0.7376	0.7496	0.7615
	0.7735	0.7854	0.7977	0.8117	0.8257
	0.8398	0.8538	0.8685	0.8851	0.9017
	0.9183	0.9358	0.9572	0.9786	1.0000
Transect C89					
Area:	0.0005	0.0018	0.0041	0.0073	0.0114
	0.0171	0.0254	0.0350	0.0458	0.0576
	0.0703	0.0839	0.0984	0.1138	0.1303
	0.1477	0.1657	0.1841	0.2031	0.2225
	0.2422	0.2623	0.2828	0.3037	0.3249
	0.3465	0.3685	0.3909	0.4136	0.4368
	0.4603	0.4842	0.5086	0.5335	0.5588
	0.5846	0.6108	0.6375	0.6646	0.6922
	0.7202	0.7487	0.7777	0.8074	0.8376
	0.8685	0.9001	0.9324	0.9655	1.0000
Hrad:	0.0176	0.0352	0.0528	0.0703	0.0882
	0.0784	0.1002	0.1209	0.1424	0.1656
	0.1881	0.2099	0.2312	0.2515	0.2703
	0.2933	0.3201	0.3464	0.3723	0.3999
	0.4274	0.4545	0.4813	0.5077	0.5339
	0.5594	0.5845	0.6094	0.6340	0.6584
	0.6826	0.7048	0.7265	0.7480	0.7693
	0.7906	0.8122	0.8337	0.8552	0.8765
	0.8977	0.9154	0.9317	0.9481	0.9645
	0.9781	0.9914	1.0049	1.0056	1.0000
Width:	0.0259	0.0517	0.0776	0.1034	0.1288
	0.2185	0.2541	0.2897	0.3217	0.3477
	0.3737	0.3997	0.4257	0.4528	0.4821
	0.5037	0.5176	0.5316	0.5455	0.5563
	0.5667	0.5772	0.5876	0.5981	0.6085
	0.6194	0.6303	0.6413	0.6523	0.6632
	0.6742	0.6869	0.7000	0.7131	0.7262
	0.7393	0.7519	0.7645	0.7770	0.7895
	0.8021	0.8177	0.8345	0.8514	0.8683
	0.8878	0.9078	0.9277	0.9601	1.0000
Transect C91					
Area:	0.0066	0.0151	0.0241	0.0337	0.0438
	0.0545	0.0658	0.0776	0.0899	0.1028
	0.1163	0.1303	0.1448	0.1599	0.1756
	0.1918	0.2084	0.2254	0.2426	0.2603
	0.2782	0.2965	0.3151	0.3340	0.3532
	0.3729	0.3930	0.4135	0.4345	0.4559
	0.4778	0.5001	0.5229	0.5461	0.5699
	0.5942	0.6190	0.6443	0.6702	0.6967
	0.7237	0.7513	0.7795	0.8084	0.8380
	0.8682	0.8990	0.9311	0.9647	1.0000
Hrad:	0.0311	0.0668	0.1004	0.1324	0.1629
	0.1923	0.2207	0.2482	0.2750	0.3010
	0.3266	0.3516	0.3761	0.3997	0.4228
	0.4476	0.4750	0.5018	0.5281	0.5540
	0.5795	0.6046	0.6293	0.6536	0.6776
	0.6978	0.7176	0.7372	0.7568	0.7762
	0.7955	0.8147	0.8338	0.8520	0.8679
	0.8838	0.8998	0.9159	0.9320	0.9482
	0.9642	0.9768	0.9896	1.0027	1.0160
	1.0295	1.0399	1.0279	1.0185	1.0000
Width:	0.2260	0.2411	0.2562	0.2713	0.2864
	0.3015	0.3166	0.3318	0.3469	0.3620
	0.3771	0.3922	0.4073	0.4230	0.4390
	0.4521	0.4612	0.4703	0.4794	0.4885
	0.4976	0.5067	0.5158	0.5249	0.5340
	0.5461	0.5584	0.5707	0.5830	0.5953
	0.6076	0.6199	0.6322	0.6451	0.6600
	0.6748	0.6897	0.7045	0.7194	0.7343
	0.7493	0.7673	0.7853	0.8033	0.8213
	0.8394	0.8602	0.9027	0.9452	1.0000
Transect C93					
Area:	0.0014	0.0055	0.0109	0.0174	0.0246
	0.0322	0.0402	0.0486	0.0574	0.0666
	0.0763	0.0863	0.0968	0.1076	0.1189
	0.1306	0.1427	0.1552	0.1682	0.1816
	0.1955	0.2098	0.2245	0.2397	0.2555
	0.2717	0.2883	0.3055	0.3234	0.3422
	0.3619	0.3826	0.4043	0.4283	0.4544
	0.4819	0.5110	0.5424	0.5766	0.6116
	0.6471	0.6830	0.7195	0.7565	0.7941
	0.8321	0.8708	0.9107	0.9519	1.0000
Hrad:	0.0261	0.0570	0.0955	0.1305	0.1729
	0.2141	0.2537	0.2919	0.3289	0.3648
	0.3999	0.4342	0.4678	0.5007	0.5331
	0.5651	0.5965	0.6258	0.6549	0.6838
	0.7124	0.7409	0.7691	0.7961	0.8217
	0.8473	0.8729	0.8985	0.9069	0.9123
	0.9196	0.9286	0.9157	0.8737	0.8736

	0.8781	0.8738	0.8563	0.8515	0.8971
	0.9355	0.9736	1.0113	1.0487	1.0857
	1.1225	1.1449	1.1607	1.1658	1.0000
Width:					
	0.0504	0.0908	0.1084	0.1259	0.1341
	0.1415	0.1490	0.1564	0.1638	0.1713
	0.1787	0.1862	0.1936	0.2010	0.2085
	0.2159	0.2234	0.2315	0.2396	0.2477
	0.2558	0.2640	0.2721	0.2806	0.2897
	0.2987	0.3077	0.3168	0.3323	0.3497
	0.3670	0.3844	0.4123	0.4583	0.4865
	0.5136	0.5476	0.5936	0.6349	0.6392
	0.6485	0.6579	0.6672	0.6766	0.6860
	0.6953	0.7136	0.7364	0.7666	1.0000
Transect C95					
Area:					
	0.0009	0.0035	0.0080	0.0142	0.0222
	0.0317	0.0418	0.0525	0.0636	0.0752
	0.0873	0.0999	0.1128	0.1260	0.1396
	0.1535	0.1677	0.1823	0.1971	0.2123
	0.2279	0.2438	0.2600	0.2765	0.2934
	0.3106	0.3281	0.3459	0.3641	0.3826
	0.4015	0.4209	0.4409	0.4616	0.4830
	0.5052	0.5282	0.5519	0.5764	0.6017
	0.6294	0.6601	0.6934	0.7290	0.7667
	0.8074	0.8517	0.8992	0.9488	1.0000
Hrad:					
	0.0262	0.0524	0.0785	0.1047	0.1309
	0.1680	0.2109	0.2522	0.2921	0.3308
	0.3684	0.4086	0.4494	0.4893	0.5286
	0.5672	0.6051	0.6425	0.6793	0.7156
	0.7515	0.7868	0.8218	0.8564	0.8906
	0.9244	0.9580	0.9912	1.0241	1.0568
	1.0828	1.1010	1.1197	1.1319	1.1431
	1.1554	1.1686	1.1826	1.1973	1.1899
	1.1149	1.0695	1.0405	1.0343	1.0216
	0.9852	0.9639	0.9601	0.9798	1.0000
Width:					
	0.0341	0.0682	0.1023	0.1364	0.1704
	0.1898	0.1993	0.2088	0.2183	0.2279
	0.2374	0.2447	0.2510	0.2573	0.2637
	0.2700	0.2764	0.2827	0.2890	0.2954
	0.3017	0.3080	0.3144	0.3207	0.3271
	0.3334	0.3397	0.3461	0.3524	0.3588
	0.3673	0.3788	0.3902	0.4042	0.4189
	0.4337	0.4484	0.4631	0.4778	0.5022
	0.5615	0.6144	0.6639	0.7025	0.7485
	0.8181	0.8827	0.9361	0.9681	1.0000
Transect C96					
Area:					
	0.0005	0.0020	0.0045	0.0080	0.0126
	0.0179	0.0236	0.0296	0.0360	0.0426
	0.0496	0.0569	0.0645	0.0724	0.0807
	0.0940	0.1107	0.1319	0.1535	0.1755
	0.1979	0.2206	0.2438	0.2673	0.2914
	0.3159	0.3408	0.3661	0.3916	0.4175
	0.4438	0.4703	0.4972	0.5244	0.5519
	0.5798	0.6080	0.6365	0.6652	0.6943
	0.7237	0.7533	0.7832	0.8134	0.8439
	0.8746	0.9056	0.9368	0.9683	1.0000
Hrad:					
	0.0160	0.0319	0.0479	0.0639	0.0798
	0.1030	0.1284	0.1527	0.1762	0.1989
	0.2210	0.2425	0.2636	0.2842	0.3038
	0.3043	0.2334	0.1960	0.2243	0.2522
	0.2798	0.3069	0.3325	0.3576	0.3824
	0.4069	0.4332	0.4592	0.4850	0.5105
	0.5357	0.5609	0.5858	0.6105	0.6350
	0.6594	0.6836	0.7084	0.7330	0.7574
	0.7816	0.8057	0.8296	0.8544	0.8790
	0.9035	0.9278	0.9520	0.9761	1.0000
Width:					
	0.0315	0.0631	0.0946	0.1262	0.1577
	0.1742	0.1841	0.1940	0.2039	0.2138
	0.2237	0.2336	0.2435	0.2534	0.3065
	0.4567	0.6405	0.6734	0.6848	0.6962
	0.7077	0.7191	0.7333	0.7479	0.7625
	0.7768	0.7872	0.7976	0.8079	0.8183
	0.8287	0.8389	0.8491	0.8593	0.8695
	0.8797	0.8897	0.8988	0.9079	0.9171
	0.9262	0.9353	0.9444	0.9523	0.9603
	0.9682	0.9762	0.9841	0.9921	1.0000
Transect C99					
Area:					
	0.0003	0.0013	0.0030	0.0053	0.0082
	0.0117	0.0157	0.0202	0.0253	0.0308
	0.0370	0.0439	0.0516	0.0601	0.0690
	0.0783	0.0881	0.0983	0.1089	0.1199
	0.1360	0.1539	0.1732	0.1942	0.2187
	0.2444	0.2705	0.2970	0.3239	0.3512
	0.3790	0.4073	0.4361	0.4655	0.4955
	0.5262	0.5576	0.5897	0.6221	0.6549
	0.6880	0.7214	0.7551	0.7891	0.8235
	0.8581	0.8931	0.9284	0.9641	1.0000
Hrad:					
	0.0180	0.0360	0.0540	0.0720	0.0922
	0.1126	0.1324	0.1518	0.1709	0.1902
	0.2042	0.2156	0.2284	0.2485	0.2719
	0.2948	0.3173	0.3394	0.3611	0.3825
	0.3866	0.3920	0.3998	0.3804	0.3081

Width:	0.3404	0.3723	0.4019	0.4309	0.4597
	0.4881	0.5148	0.5404	0.5657	0.5903
	0.6123	0.6342	0.6594	0.6890	0.7183
	0.7474	0.7763	0.8050	0.8335	0.8617
	0.8897	0.9176	0.9452	0.9727	1.0000
	0.0183	0.0366	0.0548	0.0731	0.0889
	0.1035	0.1181	0.1327	0.1473	0.1615
	0.1804	0.2028	0.2252	0.2409	0.2526
	0.2644	0.2762	0.2880	0.2998	0.3325
	0.4767	0.5157	0.5519	0.6187	0.7095
Hrad:	0.7178	0.7262	0.7386	0.7511	0.7637
	0.7762	0.7909	0.8068	0.8228	0.8395
	0.8594	0.8794	0.8944	0.9031	0.9119
	0.9206	0.9293	0.9380	0.9468	0.9557
	0.9645	0.9734	0.9823	0.9911	1.0000
Transect T-C108					
Area:					
Hrad:	0.0013	0.0048	0.0106	0.0188	0.0302
	0.0442	0.0606	0.0787	0.0970	0.1156
	0.1344	0.1534	0.1729	0.1928	0.2128
	0.2329	0.2531	0.2733	0.2936	0.3139
	0.3344	0.3548	0.3754	0.3960	0.4168
	0.4377	0.4587	0.4798	0.5011	0.5225
	0.5441	0.5659	0.5882	0.6112	0.6345
	0.6579	0.6815	0.7052	0.7290	0.7529
	0.7768	0.8009	0.8251	0.8495	0.8740
	0.8986	0.9235	0.9486	0.9741	1.0000
Width:	0.0162	0.0312	0.0423	0.0573	0.0637
	0.0812	0.0920	0.1177	0.1431	0.1682
	0.1930	0.2177	0.2382	0.2618	0.2876
	0.3133	0.3387	0.3641	0.3892	0.4142
	0.4391	0.4638	0.4881	0.5113	0.5343
	0.5572	0.5799	0.6024	0.6246	0.6446
	0.6644	0.6841	0.6805	0.6995	0.7183
	0.7382	0.7604	0.7826	0.8046	0.8265
	0.8483	0.8700	0.8913	0.9104	0.9295
	0.9484	0.9673	0.9784	0.9873	1.0000
Hrad:	0.0867	0.1737	0.2631	0.3522	0.5094
	0.5810	0.6884	0.6979	0.7074	0.7169
	0.7264	0.7349	0.7567	0.7670	0.7695
	0.7720	0.7744	0.7769	0.7793	0.7818
	0.7843	0.7867	0.7897	0.7942	0.7988
	0.8034	0.8080	0.8126	0.8174	0.8249
	0.8325	0.8401	0.8778	0.8865	0.8953
	0.9026	0.9065	0.9104	0.9143	0.9182
	0.9221	0.9260	0.9302	0.9367	0.9431
	0.9495	0.9560	0.9703	0.9871	1.0000
Transect T-C118					
Area:					
Hrad:	0.0033	0.0077	0.0127	0.0185	0.0259
	0.0358	0.0465	0.0582	0.0711	0.0868
	0.1055	0.1252	0.1454	0.1660	0.1870
	0.2083	0.2300	0.2519	0.2739	0.2961
	0.3183	0.3407	0.3633	0.3859	0.4087
	0.4316	0.4546	0.4777	0.5010	0.5243
	0.5478	0.5713	0.5948	0.6183	0.6419
	0.6655	0.6892	0.7129	0.7366	0.7604
	0.7842	0.8080	0.8319	0.8558	0.8797
	0.9037	0.9277	0.9518	0.9759	1.0000
Width:	0.0196	0.0400	0.0586	0.0718	0.0671
	0.0848	0.1011	0.1159	0.1250	0.1171
	0.1337	0.1523	0.1737	0.1948	0.2156
	0.2360	0.2563	0.2790	0.3017	0.3242
	0.3465	0.3688	0.3909	0.4129	0.4348
	0.4566	0.4782	0.4997	0.5212	0.5427
	0.5660	0.5892	0.6124	0.6355	0.6586
	0.6817	0.7047	0.7277	0.7506	0.7735
	0.7963	0.8191	0.8419	0.8646	0.8873
	0.9099	0.9325	0.9550	0.9775	1.0000
Hrad:	0.1708	0.1953	0.2198	0.2604	0.3900
	0.4258	0.4641	0.5073	0.5744	0.7492
	0.7967	0.8302	0.8452	0.8603	0.8753
	0.8904	0.9052	0.9102	0.9153	0.9203
	0.9254	0.9304	0.9355	0.9406	0.9456
	0.9507	0.9557	0.9608	0.9658	0.9705
	0.9720	0.9734	0.9749	0.9764	0.9779
	0.9793	0.9808	0.9823	0.9838	0.9852
	0.9867	0.9882	0.9897	0.9911	0.9926
	0.9941	0.9956	0.9970	0.9985	1.0000
Transect T-C1450_1					
Area:					
Hrad:	0.0002	0.0006	0.0014	0.0024	0.0040
	0.0066	0.0105	0.0155	0.0212	0.0274
	0.0347	0.0439	0.0545	0.0663	0.0792
	0.0926	0.1064	0.1212	0.1374	0.1554
	0.1746	0.1949	0.2163	0.2391	0.2629
	0.2874	0.3126	0.3387	0.3655	0.3926
	0.4199	0.4473	0.4749	0.5031	0.5322
	0.5623	0.5926	0.6231	0.6538	0.6846
	0.7155	0.7465	0.7777	0.8090	0.8405
	0.8723	0.9041	0.9360	0.9680	1.0000
Hrad:	0.0160	0.0321	0.0507	0.0653	0.0631
	0.0636	0.0799	0.0944	0.1141	0.1408
	0.1615	0.1649	0.1830	0.1944	0.2030

Width:	0.2275	0.2523	0.2746	0.2856	0.2640
	0.2934	0.3207	0.3460	0.3696	0.3927
	0.4155	0.4382	0.4574	0.4340	0.4639
	0.4933	0.5226	0.5451	0.5716	0.5981
	0.5973	0.6252	0.6535	0.6825	0.7117
	0.7409	0.7700	0.7989	0.8278	0.8489
	0.8794	0.9096	0.9398	0.9699	1.0000
	0.0097	0.0194	0.0274	0.0364	0.0641
	0.1036	0.1413	0.1647	0.1861	0.2072
Hrad:	0.2554	0.3060	0.3489	0.3898	0.4106
	0.4237	0.4428	0.4823	0.5284	0.5892
	0.6188	0.6451	0.6941	0.7289	0.7519
	0.7792	0.7960	0.8286	0.8430	0.8472
	0.8518	0.8566	0.8720	0.8891	0.9290
	0.9421	0.9486	0.9542	0.9587	0.9626
	0.9664	0.9703	0.9742	0.9780	0.9907
	0.9925	0.9943	0.9962	0.9981	1.0000
	0.0027	0.0075	0.0149	0.0282	0.0418
Width:	0.0557	0.0698	0.0842	0.0989	0.1139
	0.1292	0.1449	0.1612	0.1780	0.1955
	0.2134	0.2316	0.2502	0.2692	0.2886
	0.3084	0.3287	0.3495	0.3706	0.3921
	0.4139	0.4362	0.4589	0.4822	0.5060
	0.5300	0.5540	0.5781	0.6023	0.6266
	0.6510	0.6754	0.6999	0.7245	0.7492
	0.7739	0.7987	0.8236	0.8485	0.8736
	0.8987	0.9239	0.9492	0.9745	1.0000
Hrad:	0.0161	0.0376	0.0298	0.0551	0.0799
	0.1041	0.1280	0.1514	0.1744	0.1970
	0.2193	0.2371	0.2541	0.2709	0.2883
	0.3089	0.3292	0.3490	0.3666	0.3840
	0.4012	0.4182	0.4351	0.4542	0.4735
	0.4908	0.5056	0.5203	0.5350	0.5515
	0.5751	0.5986	0.6220	0.6453	0.6684
	0.6914	0.7144	0.7372	0.7598	0.7824
	0.8049	0.8272	0.8495	0.8716	0.8937
Width:	0.9156	0.9374	0.9584	0.9792	1.0000
	0.1718	0.2047	0.5155	0.5265	0.5375
	0.5486	0.5596	0.5707	0.5817	0.5927
	0.6038	0.6261	0.6497	0.6734	0.6948
	0.7077	0.7206	0.7340	0.7517	0.7693
	0.7869	0.8046	0.8222	0.8352	0.8473
	0.8627	0.8824	0.9022	0.9219	0.9380
	0.9410	0.9439	0.9469	0.9499	0.9528
	0.9558	0.9588	0.9618	0.9647	0.9677
Hrad:	0.9707	0.9736	0.9766	0.9796	0.9825
	0.9855	0.9885	0.9923	0.9962	1.0000
	0.0071	0.0144	0.0220	0.0298	0.0378
Width:	0.0461	0.0546	0.0634	0.0724	0.0817
	0.0911	0.1009	0.1108	0.1211	0.1315
	0.1422	0.1531	0.1643	0.1757	0.1874
	0.1993	0.2118	0.2247	0.2382	0.2521
	0.2666	0.2815	0.2970	0.3130	0.3296
	0.3468	0.3647	0.3851	0.4096	0.4373
	0.4664	0.4961	0.5266	0.5579	0.5901
	0.6232	0.6571	0.6935	0.7328	0.7748
	0.8195	0.8645	0.9096	0.9548	1.0000
Hrad:	0.0446	0.0877	0.1295	0.1702	0.2098
	0.2483	0.2860	0.3229	0.3590	0.3944
	0.4291	0.4633	0.4969	0.5299	0.5625
	0.5947	0.6264	0.6577	0.6886	0.7192
	0.7393	0.7542	0.7697	0.7856	0.8021
	0.8190	0.8362	0.8538	0.8678	0.8803
	0.8936	0.9075	0.9158	0.9154	0.6899
	0.7179	0.7456	0.7712	0.7949	0.8185
	0.8420	0.8579	0.8254	0.8179	0.8027
Width:	0.8247	0.8686	0.9125	0.9563	1.0000
	0.1592	0.1645	0.1698	0.1751	0.1804
	0.1857	0.1911	0.1964	0.2017	0.2070
	0.2123	0.2176	0.2230	0.2283	0.2336
	0.2389	0.2442	0.2495	0.2549	0.2602
	0.2692	0.2804	0.2916	0.3027	0.3139
	0.3251	0.3362	0.3474	0.3602	0.3739
	0.3877	0.4014	0.5055	0.5793	0.6337
	0.6495	0.6652	0.6826	0.7017	0.7208
Hrad:	0.7399	0.7658	0.8401	0.8959	0.9654
	0.9938	0.9954	0.9969	0.9985	1.0000
	0.0006	0.0026	0.0057	0.0095	0.0138
Width:	0.0186	0.0240	0.0298	0.0362	0.0430
	0.0505	0.0589	0.0686	0.0793	0.0911
	0.1039	0.1177	0.1330	0.1500	0.1681
	0.1870	0.2067	0.2271	0.2483	0.2701
	0.2924	0.3152	0.3386	0.3625	0.3870
	0.4120	0.4375	0.4635	0.4902	0.5174
	0.5451	0.5734	0.6023	0.6318	0.6618
	0.6926	0.7242	0.7566	0.7897	0.8236
	0.8582	0.8932	0.9285	0.9641	1.0000
Hrad:	0.0181	0.0362	0.0582	0.0848	0.1094

	0.1327	0.1550	0.1766	0.1977	0.2183
	0.2306	0.2350	0.2425	0.2538	0.2678
	0.2825	0.2970	0.2977	0.3064	0.3288
	0.3508	0.3726	0.3936	0.4176	0.4432
	0.4684	0.4932	0.5178	0.5420	0.5660
	0.5898	0.6131	0.6358	0.6583	0.6806
	0.7027	0.7247	0.7465	0.7682	0.7855
	0.8021	0.8187	0.8353	0.8520	0.8688
	0.8895	0.9175	0.9452	0.9727	1.0000
Width:					
	0.0355	0.0711	0.0984	0.1126	0.1267
	0.1409	0.1551	0.1692	0.1834	0.1976
	0.2193	0.2515	0.2836	0.3136	0.3414
	0.3692	0.3978	0.4483	0.4915	0.5133
	0.5350	0.5568	0.5792	0.5969	0.6117
	0.6266	0.6415	0.6563	0.6712	0.6860
	0.7009	0.7159	0.7315	0.7471	0.7627
	0.7783	0.7939	0.8094	0.8250	0.8452
	0.8664	0.8876	0.9088	0.9300	0.9512
	0.9678	0.9759	0.9839	0.9920	1.0000
Transect T-C76					
Area:					
	0.0005	0.0020	0.0044	0.0079	0.0123
	0.0177	0.0241	0.0315	0.0400	0.0497
	0.0608	0.0731	0.0861	0.1000	0.1146
	0.1300	0.1462	0.1630	0.1804	0.1984
	0.2171	0.2363	0.2561	0.2765	0.2976
	0.3196	0.3423	0.3658	0.3902	0.4152
	0.4406	0.4664	0.4925	0.5189	0.5457
	0.5728	0.6002	0.6281	0.6566	0.6855
	0.7150	0.7449	0.7754	0.8064	0.8379
	0.8698	0.9019	0.9343	0.9670	1.0000
Hrad:					
	0.0166	0.0332	0.0498	0.0664	0.0830
	0.0996	0.1161	0.1327	0.1459	0.1587
	0.1722	0.1913	0.2124	0.2331	0.2534
	0.2733	0.2935	0.3157	0.3376	0.3591
	0.3803	0.4012	0.4219	0.4423	0.4588
	0.4746	0.4905	0.5065	0.5225	0.5451
	0.5708	0.5962	0.6213	0.6463	0.6710
	0.6955	0.7180	0.7378	0.7575	0.7771
	0.7966	0.8160	0.8353	0.8545	0.8740
	0.8995	0.9248	0.9500	0.9751	1.0000
Width:					
	0.0298	0.0595	0.0893	0.1191	0.1488
	0.1786	0.2084	0.2381	0.2747	0.3143
	0.3540	0.3831	0.4065	0.4299	0.4534
	0.4768	0.4991	0.5173	0.5354	0.5536
	0.5717	0.5898	0.6080	0.6261	0.6496
	0.6742	0.6987	0.7232	0.7478	0.7626
	0.7728	0.7829	0.7931	0.8032	0.8134
	0.8235	0.8359	0.8513	0.8667	0.8821
	0.8975	0.9129	0.9282	0.9436	0.9586
	0.9669	0.9752	0.9834	0.9917	1.0000
Transect T-C78					
Area:					
	0.0009	0.0050	0.0106	0.0189	0.0288
	0.0391	0.0498	0.0609	0.0724	0.0843
	0.0969	0.1103	0.1256	0.1416	0.1581
	0.1752	0.1929	0.2111	0.2300	0.2497
	0.2702	0.2912	0.3128	0.3349	0.3575
	0.3807	0.4043	0.4286	0.4532	0.4783
	0.5035	0.5288	0.5542	0.5797	0.6053
	0.6310	0.6567	0.6826	0.7085	0.7346
	0.7607	0.7869	0.8132	0.8396	0.8661
	0.8927	0.9194	0.9462	0.9730	1.0000
Hrad:					
	0.0136	0.0277	0.0457	0.0545	0.0781
	0.1019	0.1249	0.1472	0.1690	0.1884
	0.2053	0.2215	0.2195	0.2385	0.2571
	0.2753	0.2936	0.3117	0.3259	0.3400
	0.3548	0.3734	0.3917	0.4097	0.4276
	0.4449	0.4611	0.4793	0.4974	0.5194
	0.5445	0.5694	0.5942	0.6189	0.6435
	0.6680	0.6923	0.7166	0.7408	0.7648
	0.7888	0.8126	0.8364	0.8601	0.8836
	0.9071	0.9305	0.9537	0.9769	1.0000
Width:					
	0.0782	0.1825	0.2362	0.3519	0.3736
	0.3887	0.4038	0.4189	0.4339	0.4535
	0.4782	0.5353	0.5795	0.6011	0.6228
	0.6444	0.6652	0.6859	0.7147	0.7437
	0.7711	0.7900	0.8089	0.8277	0.8466
	0.8664	0.8880	0.9053	0.9226	0.9320
	0.9354	0.9388	0.9422	0.9456	0.9490
	0.9524	0.9558	0.9592	0.9626	0.9660
	0.9694	0.9728	0.9762	0.9796	0.9830
	0.9864	0.9898	0.9932	0.9966	1.0000
Transect T-C8					
Area:					
	0.0020	0.0042	0.0065	0.0089	0.0114
	0.0141	0.0169	0.0198	0.0228	0.0260
	0.0296	0.0342	0.0416	0.0496	0.0591
	0.0706	0.0864	0.1054	0.1266	0.1508
	0.1766	0.2026	0.2288	0.2552	0.2817
	0.3085	0.3354	0.3625	0.3897	0.4171
	0.4447	0.4724	0.5003	0.5284	0.5567
	0.5852	0.6139	0.6427	0.6717	0.7009
	0.7302	0.7596	0.7892	0.8190	0.8489
	0.8789	0.9091	0.9393	0.9696	1.0000

Hrad:	0.0296	0.0575	0.0840	0.1092	0.1334
	0.1567	0.1792	0.2011	0.2223	0.2431
	0.2294	0.2008	0.1638	0.1826	0.1987
	0.2100	0.1723	0.1752	0.1960	0.1797
	0.2084	0.2370	0.2656	0.2943	0.3228
	0.3511	0.3793	0.4072	0.4351	0.4629
	0.4907	0.5183	0.5451	0.5718	0.5983
	0.6247	0.6509	0.6775	0.7045	0.7313
	0.7580	0.7845	0.8110	0.8374	0.8636
	0.8897	0.9174	0.9450	0.9726	1.0000
Width:	0.0687	0.0729	0.0771	0.0813	0.0855
	0.0897	0.0939	0.0981	0.1023	0.1065
	0.1283	0.2159	0.2541	0.2811	0.3420
	0.4525	0.5612	0.6751	0.7321	0.8428
	0.8504	0.8579	0.8645	0.8701	0.8758
	0.8815	0.8871	0.8928	0.8984	0.9037
	0.9087	0.9139	0.9202	0.9265	0.9328
	0.9390	0.9453	0.9509	0.9557	0.9606
	0.9654	0.9703	0.9752	0.9800	0.9849
	0.9897	0.9923	0.9948	0.9974	1.0000
Transect T-C84					
Area:	0.0003	0.0026	0.0071	0.0122	0.0176
	0.0231	0.0288	0.0348	0.0412	0.0485
	0.0567	0.0660	0.0785	0.0926	0.1075
	0.1243	0.1447	0.1673	0.1902	0.2136
	0.2372	0.2610	0.2849	0.3090	0.3334
	0.3582	0.3831	0.4086	0.4343	0.4601
	0.4860	0.5121	0.5383	0.5646	0.5912
	0.6181	0.6450	0.6720	0.6990	0.7261
	0.7533	0.7805	0.8078	0.8351	0.8625
	0.8899	0.9174	0.9449	0.9724	1.0000
Hrad:	0.0104	0.0196	0.0398	0.0647	0.0894
	0.1133	0.1357	0.1569	0.1781	0.1977
	0.2147	0.2281	0.2308	0.2288	0.2368
	0.2390	0.1995	0.2078	0.2328	0.2575
	0.2757	0.3020	0.3282	0.3516	0.3741
	0.3976	0.4201	0.4397	0.4653	0.4908
	0.5160	0.5410	0.5660	0.5881	0.6096
	0.6345	0.6606	0.6866	0.7126	0.7384
	0.7643	0.7900	0.8158	0.8415	0.8680
	0.8945	0.9209	0.9473	0.9737	1.0000
Width:	0.0385	0.1357	0.1792	0.1892	0.1965
	0.2038	0.2124	0.2219	0.2457	0.2808
	0.3134	0.3859	0.4940	0.5273	0.5576
	0.6514	0.7981	0.8252	0.8387	0.8521
	0.8608	0.8646	0.8684	0.8792	0.8916
	0.9011	0.9124	0.9295	0.9336	0.9378
	0.9423	0.9467	0.9512	0.9603	0.9701
	0.9743	0.9766	0.9788	0.9811	0.9834
	0.9857	0.9880	0.9903	0.9924	0.9937
	0.9950	0.9962	0.9975	0.9987	1.0000
Transect T-C97					
Area:	0.0002	0.0007	0.0016	0.0028	0.0043
	0.0062	0.0085	0.0110	0.0140	0.0173
	0.0209	0.0248	0.0291	0.0336	0.0385
	0.0436	0.0490	0.0547	0.0608	0.0691
	0.0783	0.0885	0.1010	0.1166	0.1354
	0.1562	0.1777	0.2003	0.2253	0.2515
	0.2795	0.3086	0.3387	0.3697	0.4018
	0.4354	0.4698	0.5053	0.5415	0.5791
	0.6183	0.6581	0.6985	0.7396	0.7816
	0.8242	0.8675	0.9113	0.9554	1.0000
Hrad:	0.0223	0.0446	0.0669	0.0892	0.1115
	0.1337	0.1560	0.1783	0.2006	0.2229
	0.2452	0.2695	0.2948	0.3198	0.3444
	0.3687	0.3928	0.4168	0.3812	0.3484
	0.3620	0.3727	0.3624	0.3351	0.2956
	0.3308	0.3601	0.3833	0.3939	0.4120
	0.4365	0.4642	0.4961	0.5260	0.5402
	0.5730	0.5992	0.6290	0.6632	0.6685
	0.6993	0.7332	0.7659	0.7949	0.8251
	0.8559	0.8906	0.9263	0.9616	1.0000
Width:	0.0077	0.0155	0.0232	0.0309	0.0386
	0.0464	0.0541	0.0618	0.0696	0.0773
	0.0850	0.0920	0.0984	0.1049	0.1114
	0.1178	0.1243	0.1308	0.1591	0.1978
	0.2158	0.2493	0.3105	0.3924	0.4580
	0.4719	0.4932	0.5225	0.5719	0.6103
	0.6402	0.6648	0.6827	0.7027	0.7437
	0.7597	0.7839	0.8033	0.8164	0.8663
	0.8841	0.8975	0.9119	0.9305	0.9472
	0.9630	0.9741	0.9838	0.9936	1.0000
Transect T-SMC14					
Area:	0.0044	0.0103	0.0168	0.0237	0.0311
	0.0390	0.0473	0.0561	0.0654	0.0751
	0.0853	0.0962	0.1078	0.1201	0.1331
	0.1469	0.1616	0.1777	0.1950	0.2128
	0.2312	0.2500	0.2694	0.2892	0.3095
	0.3303	0.3514	0.3730	0.3950	0.4175
	0.4404	0.4637	0.4876	0.5119	0.5366
	0.5619	0.5883	0.6160	0.6450	0.6751

	0.7064	0.7385	0.7708	0.8032	0.8358
	0.8684	0.9011	0.9340	0.9669	1.0000
Hrad:					
	0.0254	0.0555	0.0838	0.1105	0.1359
	0.1602	0.1837	0.2065	0.2286	0.2503
	0.2710	0.2851	0.2997	0.3148	0.3300
	0.3454	0.3486	0.3529	0.3677	0.3906
	0.4131	0.4353	0.4572	0.4789	0.5003
	0.5228	0.5460	0.5689	0.5899	0.6106
	0.6311	0.6515	0.6717	0.6917	0.7117
	0.7233	0.7209	0.7205	0.7246	0.7296
	0.7334	0.7595	0.7899	0.8202	0.8505
	0.8806	0.9106	0.9405	0.9703	1.0000
Width:					
	0.1735	0.1877	0.2019	0.2161	0.2303
	0.2445	0.2587	0.2729	0.2871	0.3013
	0.3159	0.3385	0.3607	0.3827	0.4047
	0.4267	0.4652	0.5054	0.5322	0.5469
	0.5616	0.5763	0.5910	0.6057	0.6204
	0.6335	0.6452	0.6570	0.6709	0.6849
	0.6988	0.7128	0.7268	0.7407	0.7547
	0.7775	0.8169	0.8559	0.8912	0.9265
	0.9644	0.9736	0.9769	0.9802	0.9835
	0.9868	0.9901	0.9934	0.9967	1.0000
Transect T-SMC14_2					
Area:					
	0.0004	0.0016	0.0037	0.0066	0.0103
	0.0148	0.0202	0.0263	0.0333	0.0411
	0.0498	0.0593	0.0695	0.0806	0.0924
	0.1048	0.1180	0.1317	0.1460	0.1609
	0.1763	0.1923	0.2088	0.2260	0.2436
	0.2619	0.2807	0.3000	0.3200	0.3405
	0.3615	0.3831	0.4055	0.4288	0.4529
	0.4778	0.5036	0.5302	0.5578	0.5870
	0.6180	0.6508	0.6863	0.7251	0.7674
	0.8122	0.8579	0.9044	0.9518	1.0000
Hrad:					
	0.0245	0.0489	0.0734	0.0979	0.1223
	0.1468	0.1713	0.1957	0.2202	0.2447
	0.2691	0.2936	0.3180	0.3454	0.3732
	0.4006	0.4288	0.4595	0.4897	0.5195
	0.5489	0.5779	0.6067	0.6351	0.6633
	0.6913	0.7190	0.7466	0.7740	0.8012
	0.8283	0.8522	0.8685	0.8855	0.9029
	0.9209	0.9392	0.9580	0.9768	0.9942
	1.0103	1.0119	0.9886	0.9586	0.9354
	0.8738	0.9058	0.9375	0.9689	1.0000
Width:					
	0.0169	0.0339	0.0508	0.0677	0.0846
	0.1016	0.1185	0.1354	0.1523	0.1693
	0.1862	0.2031	0.2200	0.2348	0.2491
	0.2633	0.2768	0.2884	0.2999	0.3115
	0.3231	0.3346	0.3462	0.3578	0.3693
	0.3809	0.3925	0.4040	0.4156	0.4272
	0.4387	0.4519	0.4694	0.4868	0.5042
	0.5216	0.5390	0.5565	0.5825	0.6188
	0.6551	0.6999	0.7625	0.8340	0.9056
	0.9312	0.9484	0.9656	0.9828	1.0000
Transect T-U012001					
Area:					
	0.0001	0.0004	0.0009	0.0015	0.0024
	0.0035	0.0047	0.0062	0.0078	0.0096
	0.0116	0.0139	0.0165	0.0205	0.0258
	0.0322	0.0396	0.0480	0.0574	0.0677
	0.0791	0.0922	0.1076	0.1244	0.1430
	0.1632	0.1850	0.2082	0.2330	0.2592
	0.2861	0.3136	0.3424	0.3730	0.4042
	0.4358	0.4679	0.5005	0.5351	0.5708
	0.6072	0.6443	0.6823	0.7213	0.7613
	0.8046	0.8503	0.8975	0.9475	1.0000
Hrad:					
	0.0265	0.0529	0.0794	0.1059	0.1323
	0.1588	0.1853	0.2118	0.2382	0.2647
	0.2912	0.3176	0.2664	0.2352	0.2350
	0.2492	0.2688	0.2902	0.3126	0.3360
	0.3505	0.3422	0.3577	0.3822	0.3952
	0.4166	0.4419	0.4670	0.4885	0.5236
	0.5667	0.6017	0.6108	0.6470	0.6913
	0.7352	0.7791	0.8103	0.8183	0.8511
	0.8879	0.9240	0.9535	0.9847	1.0043
	0.9575	0.9878	0.9996	0.9849	1.0000
Width:					
	0.0036	0.0072	0.0107	0.0143	0.0179
	0.0215	0.0250	0.0286	0.0322	0.0358
	0.0394	0.0429	0.0613	0.0867	0.1092
	0.1286	0.1468	0.1649	0.1829	0.2008
	0.2250	0.2689	0.3002	0.3250	0.3613
	0.3913	0.4182	0.4454	0.4766	0.4947
	0.5044	0.5209	0.5602	0.5762	0.5844
	0.5925	0.6003	0.6175	0.6537	0.6704
	0.6837	0.6971	0.7154	0.7323	0.7579
	0.8403	0.8608	0.8979	0.9621	1.0000

Analysis Options

Flow Units CMS
Process Models:
 Rainfall/Runoff YES
 RDII NO

Snowmelt NO
Groundwater NO
Flow Routing YES
Ponding Allowed NO
Water Quality NO
Infiltration Method CURVE_NUMBER
Flow Routing Method DYNWAVE
Surcharge Method EXTRAN
Starting Date 04/10/2025 00:00:00
Ending Date 04/12/2025 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	9.869	103.500
Evaporation Loss	0.000	0.000
Infiltration Loss	5.241	54.966
Surface Runoff	4.514	47.347
Final Storage	0.121	1.272
Continuity Error (%)	-0.082	

	Volume	Volume
Flow Routing Continuity	hectare-m	10^6 ltr
*****	-----	-----
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	4.514	45.141
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	4.488	44.876
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.006	0.061
Continuity Error (%)	0.455	

Highest Continuity Errors

Node T015001 (2.23%)
Node T013042 (1.33%)
Node T013044 (1.09%)

Time-Step Critical Elements

Link SMC12 (35.74%)
Link PUB_RD_CULVERT-B (25.95%)

Highest Flow Instability Indexes

Link PUB_RD_CULVERT-C (4)
Link PUB_RD_CULVERT-A (3)
Link PUB_rd_DC06 (1)

Most Frequent Nonconverging Nodes

Convergence obtained at all time steps.

Routing Time Step Summary

Minimum Time Step : 0.00 sec
Average Time Step : 3.21 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 : 49.70 %
3.155 - 1.991 sec : 20.32 %
1.991 - 1.256 sec : 19.79 %
1.256 - 0.792 sec : 7.24 %
0.792 - 0.500 sec : 2.95 %

Subcatchment Runoff Summary

	Total Precip	Total Runon	Total Evap	Total Infil	Imperv Runoff	Perv Runoff	Total Runoff	Total Runoff	Peak Runoff	Runoff Coeff
Subcatchment	mm	mm	mm	mm	mm	mm	mm	10^6 ltr	CMS	

S1	103.50	0.00	0.00	54.82	7.14	40.36	47.50	0.90	0.24	0.459
S61D	103.50	0.00	0.00	55.22	7.14	39.93	47.08	0.37	0.07	0.455
SC02	103.50	0.00	0.00	54.74	7.14	40.44	47.58	0.72	0.21	0.460
SC03	103.50	0.00	0.00	54.90	7.14	40.28	47.42	0.61	0.15	0.458
SC05_1	103.50	0.00	0.00	54.63	7.14	40.57	47.71	0.52	0.17	0.461
SC05_2	103.50	0.00	0.00	54.95	7.14	40.20	47.35	0.25	0.06	0.457
SC07_1	103.50	0.00	0.00	55.29	7.14	39.84	46.99	1.02	0.19	0.454
SC07_2	103.50	0.00	0.00	54.79	7.14	40.38	47.52	0.64	0.17	0.459
SC08	103.50	0.00	0.00	55.22	7.14	39.92	47.06	0.69	0.14	0.455
SC09_1	103.50	0.00	0.00	54.66	7.14	40.56	47.70	0.29	0.09	0.461
SC09_2	103.50	0.00	0.00	54.92	7.14	40.23	47.37	0.52	0.13	0.458
SC10_1	103.50	0.00	0.00	55.43	7.14	39.70	46.85	1.29	0.22	0.453
SC10_2	103.50	0.00	0.00	54.87	7.14	40.31	47.46	0.74	0.19	0.459
SC13	103.50	0.00	0.00	54.90	7.14	40.28	47.42	0.68	0.17	0.458
SC14A	103.50	0.00	0.00	54.82	7.14	40.35	47.49	0.34	0.09	0.459
SC14B	103.50	135.42	0.00	55.53	16.62	165.68	182.30	1.25	0.21	0.763
SC14C	103.50	0.00	0.00	54.71	7.14	40.50	47.64	0.33	0.10	0.460
SC14D	103.50	0.00	0.00	54.90	7.14	40.28	47.42	0.60	0.15	0.458
SC15	103.50	0.00	0.00	55.32	7.14	39.83	46.97	1.43	0.27	0.454
SC20	103.50	0.00	0.00	55.03	7.14	40.13	47.28	0.45	0.10	0.457
SC21	103.50	0.00	0.00	55.11	7.14	40.03	47.17	1.11	0.23	0.456
SC22	103.50	0.00	0.00	54.84	7.14	40.34	47.48	0.69	0.18	0.459
SC23_1	103.50	0.00	0.00	55.19	7.15	39.96	47.11	0.93	0.19	0.455
SC23_2	103.50	0.00	0.00	54.84	7.14	40.32	47.46	0.72	0.19	0.459
SC29	103.50	0.00	0.00	54.87	7.14	40.31	47.45	1.05	0.27	0.458
SC31	103.50	0.00	0.00	54.87	7.14	40.31	47.45	1.13	0.29	0.458
SC32	103.50	0.00	0.00	54.74	7.14	40.45	47.59	0.80	0.23	0.460
SC33	103.50	0.00	0.00	54.90	7.14	40.26	47.40	1.35	0.34	0.458
SC34	103.50	0.00	0.00	54.69	7.14	40.51	47.65	1.04	0.31	0.460
SC35	103.50	0.00	0.00	54.90	7.14	40.27	47.41	0.66	0.17	0.458
SC36	103.50	0.00	0.00	54.61	7.14	40.61	47.75	0.98	0.32	0.461
SC37	103.50	0.00	0.00	54.79	7.14	40.40	47.54	0.88	0.24	0.459
SC38_1	103.50	0.00	0.00	54.84	7.14	40.34	47.48	0.61	0.16	0.459
SC38_2	103.50	0.00	0.00	55.27	7.14	39.86	47.00	0.59	0.11	0.454
SC39_1	103.50	0.00	0.00	54.92	7.14	40.25	47.39	0.75	0.19	0.458
SC39_2	103.50	0.00	0.00	54.71	7.14	40.49	47.63	0.58	0.17	0.460
SC40	103.50	0.00	0.00	55.22	7.14	39.92	47.06	1.57	0.31	0.455
SC42_1	103.50	0.00	0.00	54.87	7.14	40.29	47.44	0.48	0.12	0.458
SC42_2	103.50	0.00	0.00	55.14	7.14	40.02	47.16	0.78	0.16	0.456
SC48	103.50	0.00	0.00	55.06	7.14	40.10	47.24	1.20	0.27	0.456
SC52	103.50	0.00	0.00	54.71	7.14	40.47	47.62	1.27	0.37	0.460
SC54A	103.50	0.00	0.00	54.63	7.14	40.58	47.72	0.07	0.02	0.461
SC54B	103.50	28.67	0.00	55.51	9.15	66.31	75.46	1.00	0.16	0.571
SC54C	103.50	0.00	0.00	54.71	7.14	40.49	47.63	0.38	0.11	0.460
SC55A	103.50	0.00	0.00	54.50	7.14	40.73	47.88	0.40	0.14	0.463
SC55B	103.50	0.00	0.00	54.98	7.14	40.19	47.34	0.53	0.13	0.457
SC55C	103.50	0.00	0.00	54.69	7.14	40.51	47.65	0.29	0.09	0.460
SC55D	103.50	0.00	0.00	54.61	7.14	40.61	47.75	0.28	0.09	0.461
SC55E	103.50	0.00	0.00	54.58	7.14	40.63	47.77	0.26	0.08	0.462
SC55F	103.50	0.00	0.00	54.71	7.14	40.50	47.64	0.26	0.08	0.460
SC55G	103.50	0.00	0.00	55.32	7.14	39.83	46.97	1.17	0.22	0.454
SC55H	103.50	0.00	0.00	55.03	7.14	40.13	47.27	0.58	0.13	0.457
SC55I	103.50	0.00	0.00	55.03	7.14	40.12	47.26	0.64	0.14	0.457
SC61A	103.50	0.00	0.00	54.74	7.14	40.44	47.59	0.67	0.19	0.460
SC61B	103.50	0.00	0.00	54.42	7.14	40.82	47.96	0.21	0.08	0.463
SC61C	103.50	0.00	0.00	55.06	7.14	40.10	47.25	0.69	0.15	0.456
SC61D	103.50	0.00	0.00	54.58	7.14	40.63	47.77	0.30	0.10	0.462
SC61E	103.50	0.00	0.00	55.43	7.14	39.71	46.86	0.44	0.08	0.453
SC61F	103.50	0.00	0.00	55.19	7.14	39.95	47.09	0.60	0.12	0.455
SC70A	103.50	0.00	0.00	54.77	7.14	40.42	47.56	0.63	0.18	0.459
SC70B	103.50	0.00	0.00	54.79	7.14	40.40	47.54	0.24	0.07	0.459
SC70C	103.50	0.00	0.00	54.92	7.14	40.26	47.40	0.25	0.06	0.458
SC70D	103.50	0.00	0.00	54.82	7.14	40.35	47.49	0.32	0.09	0.459
SC70E	103.50	0.00	0.00	54.84	7.14	40.34	47.48	0.42	0.11	0.459
SC70F	103.50	0.00	0.00	55.08	7.14	40.07	47.21	0.61	0.13	0.456
SC70G	103.50	0.00	0.00	54.66	7.14	40.54	47.68	0.24	0.07	0.461
SC70H	103.50	0.00	0.00	54.69	7.14	40.52	47.66	0.30	0.09	0.461
SC70I	103.50	0.00	0.00	54.58	7.14	40.63	47.77	0.30	0.10	0.462
SC70J	103.50	0.00	0.00	54.92	7.14	40.25	47.39	0.56	0.14	0.458
SC70K	103.50	0.00	0.00	55.24	7.14	39.91	47.05	1.02	0.20	0.455

Node Depth Summary

Node	Type	Average	Maximum	Maximum	Time of Max		Reported
		Depth	Depth	HGL	Occurrence		Max Depth
		Meters	Meters	Meters	days	hr:min	Meters
16017	JUNCTION	0.36	1.12	94.55	0	14:24	1.12
16094	JUNCTION	0.02	0.03	92.21	0	12:07	0.03
16130	JUNCTION	0.36	1.12	94.55	0	14:24	1.12
25010	JUNCTION	0.04	0.34	94.74	0	12:10	0.34
25025	JUNCTION	0.00	0.10	94.74	0	12:10	0.10
26419	JUNCTION	0.10	0.55	94.55	0	14:24	0.55
26456	JUNCTION	0.09	0.51	94.74	0	12:10	0.51
26481	JUNCTION	0.07	0.44	94.74	0	12:10	0.44
26578	JUNCTION	0.00	0.00	95.36	0	00:00	0.00
J101	JUNCTION	0.11	0.84	99.90	0	12:49	0.84
J107	JUNCTION	0.12	0.48	98.64	0	12:30	0.48
J111	JUNCTION	0.11	0.39	99.70	0	12:29	0.39
J117	JUNCTION	0.06	0.18	100.63	0	12:03	0.18
J137	JUNCTION	0.02	0.12	100.55	0	12:01	0.12
J14	JUNCTION	0.08	0.30	92.36	0	12:07	0.30
J152	JUNCTION	0.01	0.13	102.72	0	12:00	0.13
J160	JUNCTION	0.02	0.16	103.70	0	12:00	0.16
J17	JUNCTION	0.12	0.39	93.12	0	12:07	0.39
J2	JUNCTION	0.13	0.39	97.31	0	12:27	0.39
J253	JUNCTION	0.03	0.18	102.37	0	12:02	0.18
J258	JUNCTION	0.10	0.38	96.65	0	12:12	0.38

J259	JUNCTION	0.08	0.58	99.90	0	12:49	0.58
J270	JUNCTION	0.12	0.39	97.35	0	12:26	0.39
J274	JUNCTION	0.06	0.25	91.63	0	12:06	0.25
J276	JUNCTION	0.05	0.25	96.51	0	12:03	0.25
J3	JUNCTION	0.30	1.05	94.55	0	14:23	1.05
J33	JUNCTION	0.11	0.51	95.40	0	12:06	0.51
J35	JUNCTION	0.18	0.59	95.36	0	12:07	0.59
J43	JUNCTION	0.08	0.29	95.10	0	12:07	0.29
J5	JUNCTION	0.07	0.41	92.21	0	12:08	0.41
J53	JUNCTION	0.01	0.13	97.24	0	12:00	0.12
J64	JUNCTION	0.07	0.19	97.69	0	12:01	0.19
J8	JUNCTION	0.10	0.56	91.07	0	12:17	0.56
J80	JUNCTION	0.05	0.16	98.24	0	12:17	0.16
J86	JUNCTION	0.02	0.13	98.23	0	12:01	0.13
J92	JUNCTION	0.06	0.24	98.52	0	12:31	0.24
T009005	JUNCTION	0.09	0.26	100.54	0	12:28	0.26
T009007	JUNCTION	0.00	0.00	100.64	0	00:00	0.00
T012001	JUNCTION	0.06	0.29	101.29	0	12:00	0.29
T013002	JUNCTION	0.12	0.36	101.00	0	12:32	0.36
T013003	JUNCTION	0.06	0.20	101.01	0	12:32	0.20
T013006	JUNCTION	0.04	0.13	101.48	0	12:28	0.13
T013007	JUNCTION	0.06	0.19	101.85	0	12:29	0.19
T013012	JUNCTION	0.06	0.17	103.64	0	12:30	0.17
T013016	JUNCTION	0.12	0.25	103.70	0	12:20	0.25
T013019	JUNCTION	0.05	0.11	104.56	0	13:04	0.11
T013020	JUNCTION	0.06	0.14	104.92	0	13:03	0.14
T013021	JUNCTION	0.03	0.10	105.22	0	13:03	0.10
T013022	JUNCTION	0.07	0.21	105.66	0	13:02	0.21
T013023	JUNCTION	0.06	0.20	105.99	0	13:01	0.20
T013024	JUNCTION	0.06	0.19	106.31	0	13:00	0.19
T013025	JUNCTION	0.04	0.13	106.42	0	13:00	0.13
T013031	JUNCTION	0.04	0.12	107.44	0	12:57	0.12
T013032	JUNCTION	0.05	0.17	107.88	0	12:56	0.17
T013033	JUNCTION	0.04	0.09	108.35	0	12:36	0.09
T013037	JUNCTION	0.04	0.11	108.65	0	12:34	0.11
T013042	JUNCTION	0.06	0.14	108.66	0	12:22	0.14
T013044	JUNCTION	0.05	0.14	108.67	0	12:09	0.14
T013045	JUNCTION	0.05	0.14	108.68	0	12:09	0.14
T014001	JUNCTION	0.06	0.16	103.64	0	12:28	0.16
T015001	JUNCTION	0.04	0.12	104.66	0	12:39	0.12
T015003	JUNCTION	0.03	0.08	106.22	0	12:06	0.08
T016001	JUNCTION	0.03	0.09	108.71	0	12:11	0.09
T016003	JUNCTION	0.03	0.09	108.86	0	12:00	0.09
T043003	JUNCTION	0.05	0.17	101.34	0	12:28	0.17
OF-A	OUTFALL	0.04	0.25	91.75	0	12:01	0.24
OF-B	OUTFALL	0.22	0.59	93.83	0	14:24	0.59
OF-C	OUTFALL	0.06	0.33	94.48	0	12:10	0.33
OF-EX	OUTFALL	0.05	0.23	89.85	0	12:17	0.23

Node Inflow Summary

		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
Node	Type							
16017	JUNCTION	0.153	0.990	0	12:20	0.606	5.4	-0.006
16094	JUNCTION	0.000	0.012	0	12:05	0	0.00213	-53.414
16130	JUNCTION	0.207	2.303	0	12:11	0.725	32.7	0.267
25010	JUNCTION	0.266	0.266	0	12:00	1.2	1.23	-0.010
25025	JUNCTION	0.000	0.080	0	11:58	0	0.0356	0.460
26419	JUNCTION	0.000	0.401	0	12:14	0	1.04	1.294
26456	JUNCTION	0.000	0.285	0	12:00	0	2.1	0.041
26481	JUNCTION	0.242	0.350	0	12:00	0.9	2.1	-0.006
26578	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
J101	JUNCTION	0.119	0.749	0	12:03	0.597	5.46	0.023
J107	JUNCTION	0.135	1.703	0	12:28	0.689	21.9	0.019
J111	JUNCTION	0.217	1.642	0	12:27	0.807	21.3	0.004
J117	JUNCTION	0.148	0.665	0	12:01	0.572	2.99	-0.721
J137	JUNCTION	0.242	0.242	0	12:00	1.02	1.02	-0.229
J14	JUNCTION	0.088	1.207	0	12:07	0.29	11.6	0.005
J152	JUNCTION	0.139	0.139	0	12:00	0.564	0.564	-0.018
J160	JUNCTION	0.296	0.296	0	12:00	1.31	1.31	-0.016
J17	JUNCTION	0.174	1.161	0	12:06	0.533	11.3	0.004
J2	JUNCTION	0.000	2.017	0	12:24	0	25.2	-0.002
J253	JUNCTION	0.165	0.578	0	12:00	0.539	2.42	-0.009
J258	JUNCTION	0.225	2.217	0	12:08	0.776	26.6	-0.165
J259	JUNCTION	0.244	1.050	0	12:02	0.874	4.91	0.959
J270	JUNCTION	0.367	2.018	0	12:23	1.66	25.2	0.009
J274	JUNCTION	0.141	1.276	0	12:06	0.398	12	-0.004
J276	JUNCTION	0.081	0.678	0	12:00	0.215	7.46	-0.002
J3	JUNCTION	0.000	0.363	0	12:02	0	0.94	0.194
J33	JUNCTION	0.321	0.923	0	12:01	1.24	8.71	0.015
J35	JUNCTION	0.144	0.944	0	12:02	0.64	9.35	0.046
J43	JUNCTION	0.295	1.073	0	12:06	1.43	10.8	-0.004
J5	JUNCTION	0.372	0.372	0	12:00	1.27	1.27	0.262
J53	JUNCTION	0.171	0.171	0	12:00	0.678	0.678	-0.112
J64	JUNCTION	0.252	0.616	0	12:00	0.988	7.25	-0.009
J8	JUNCTION	0.125	1.359	0	12:04	0.529	12.5	0.006
J80	JUNCTION	0.073	0.397	0	12:17	0.366	6.26	0.009
J86	JUNCTION	0.276	0.276	0	12:00	1.59	1.59	-0.103
J92	JUNCTION	0.076	0.364	0	12:30	0.436	5.9	0.031
T009005	JUNCTION	0.417	1.572	0	12:27	2.04	20.5	-0.001
T009007	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
T012001	JUNCTION	0.267	0.267	0	12:00	1.43	1.43	-0.227
T013002	JUNCTION	0.000	1.271	0	12:30	0	17	0.045
T013003	JUNCTION	0.000	1.273	0	12:28	0	17	0.007
T013006	JUNCTION	0.102	1.273	0	12:28	0.45	17	0.003
T013007	JUNCTION	0.234	1.233	0	12:27	1.11	16.5	0.019

T013012	JUNCTION	0.182	1.151	0	12:19	0.688	15.4	0.034
T013016	JUNCTION	0.375	0.760	0	12:16	1.65	10.7	0.045
T013019	JUNCTION	0.000	0.627	0	13:03	0	9.02	0.050
T013020	JUNCTION	0.000	0.627	0	13:03	0	9.02	0.048
T013021	JUNCTION	0.000	0.627	0	13:02	0	9.03	0.008
T013022	JUNCTION	0.000	0.627	0	13:01	0	9.03	0.020
T013023	JUNCTION	0.000	0.628	0	13:00	0	9.03	0.006
T013024	JUNCTION	0.270	0.629	0	12:57	1.05	9.03	0.042
T013025	JUNCTION	0.000	0.581	0	12:57	0	8	0.213
T013031	JUNCTION	0.292	0.583	0	12:53	1.13	7.99	-0.102
T013032	JUNCTION	0.230	0.590	0	12:30	0.801	6.91	0.636
T013033	JUNCTION	0.337	0.547	0	12:29	1.35	6.09	-0.337
T013037	JUNCTION	0.314	0.597	0	12:11	1.04	4.79	0.969
T013042	JUNCTION	0.166	0.407	0	12:02	0.663	2.51	1.351
T013044	JUNCTION	0.317	0.475	0	12:00	0.977	1.86	1.105
T013045	JUNCTION	0.244	0.244	0	12:00	0.885	0.885	0.393
T014001	JUNCTION	0.309	0.309	0	12:00	1.57	1.57	-0.124
T015001	JUNCTION	0.272	0.457	0	12:00	1.19	2.57	2.282
T015003	JUNCTION	0.358	0.358	0	12:00	1.33	1.33	-3.398
T016001	JUNCTION	0.000	0.279	0	12:02	0	1.27	-0.271
T016003	JUNCTION	0.287	0.287	0	12:00	1.26	1.26	-0.449
T043003	JUNCTION	0.000	1.273	0	12:28	0	17	0.006
OF-A	OUTFALL	0.000	0.229	0	12:01	0	1.27	0.000
OF-B	OUTFALL	0.000	0.911	0	14:24	0	27.9	0.000
OF-C	OUTFALL	0.000	0.281	0	12:10	0	2.1	0.000
OF-EX	OUTFALL	0.178	1.325	0	12:15	1.07	13.6	0.000

Node Surcharge Summary

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

Node	Type	Hours Surcharged	Max. Height	Min. Depth
			Above Crown Meters	Below Rim Meters
T009007	JUNCTION	48.00	0.000	0.000

Node Flooding Summary

No nodes were flooded.

Outfall Loading Summary

Outfall Node	Flow	Avg	Max	Total
	Freq Pcnt	Flow CMS	Flow CMS	Volume 10^6 ltr
OF-A	81.52	0.016	0.229	1.269
OF-B	97.10	0.288	0.911	27.921
OF-C	74.51	0.029	0.281	2.099
OF-EX	99.93	0.142	1.325	13.587
System	88.26	0.475	2.406	44.876

Link Flow Summary

Link	Type	Maximum	Time of Max	Maximum	Max/	Max/
		Flow CMS	Occurrence days hr:min	Veloc m/sec	Full Flow	Full Depth
C10	CONDUIT	0.133	0 12:00	0.37	0.06	0.26
C100	CHANNEL	1.206	0 12:07	1.05	0.11	0.38
C101	CHANNEL	1.276	0 12:06	1.05	0.06	0.47
C103	CHANNEL	1.202	0 12:17	0.85	0.82	0.83
C1450_1	CHANNEL	0.208	0 12:39	0.16	0.00	0.20
C20	CONDUIT	0.164	0 12:00	0.32	0.22	0.71
C25	CHANNEL	0.220	0 12:01	0.35	0.58	0.88
C45	CONDUIT	0.285	0 12:00	0.72	0.09	0.29
C50	CHANNEL	0.273	0 12:01	0.33	0.17	0.71
C57	CHANNEL	0.536	0 12:02	0.75	0.57	0.74
C70	CHANNEL	0.639	0 12:03	0.37	0.01	0.38
C75	CONDUIT	0.659	0 12:03	0.73	0.11	0.71
C81	CHANNEL	0.331	0 12:50	0.62	1.33	1.00
C86	CONDUIT	0.363	0 12:30	0.75	0.06	0.20
C87	CHANNEL	0.397	0 12:17	0.54	0.05	0.29
C89	CHANNEL	0.606	0 12:01	0.71	0.05	0.32
C91	CHANNEL	0.650	0 12:03	0.50	0.10	0.45
C93	CHANNEL	0.830	0 12:03	0.39	0.29	0.75
C95	CHANNEL	0.887	0 12:07	0.55	1.36	0.73
C96	CHANNEL	1.069	0 12:07	0.87	0.03	0.34
C99	CHANNEL	1.158	0 12:07	1.27	0.05	0.34
PUB_RD_CULVERT-A	CONDUIT	0.229	0 12:01	1.34	0.27	0.46
PUB_RD_CULVERT-B	CONDUIT	0.911	0 14:24	2.45	1.05	0.92
PUB_RD_CULVERT-C	CONDUIT	0.281	0 12:10	1.18	0.57	0.60
PUB_rd_DC01	CHANNEL	0.000	0 00:00	0.00	0.00	0.04
PUB_rd_DC02	CHANNEL	0.080	0 11:58	0.10	0.02	0.57
PUB_rd_DC03	CHANNEL	0.160	0 12:16	0.21	0.01	0.41
PUB_rd_DC04	CHANNEL	0.285	0 12:00	0.19	0.03	0.53
PUB_rd_DC06	CHANNEL	0.401	0 12:14	0.04	0.00	0.82

PUB_rd_DC07	CHANNEL	0.926	0	12:20	0.30	0.14	0.87
PUB_rd_DC09	CHANNEL	0.363	0	12:02	0.09	0.02	0.91
PUB_rd_DC11	CHANNEL	0.012	0	12:05	0.01	0.00	0.15
SMC09	CHANNEL	1.571	0	12:28	0.59	0.13	0.50
SMC10	CHANNEL	1.641	0	12:29	1.12	0.26	0.58
SMC11	CHANNEL	1.699	0	12:30	1.12	0.48	0.67
SMC12	CHANNEL	2.017	0	12:24	0.80	0.26	0.61
SMC13	CHANNEL	2.015	0	12:25	0.82	0.26	0.60
SMC14	CHANNEL	2.204	0	12:12	0.97	0.25	0.77
U012001	CHANNEL	0.253	0	12:01	0.66	0.01	0.25
U013002	CHANNEL	1.269	0	12:31	0.68	0.01	0.19
U013003	CHANNEL	1.271	0	12:30	0.30	0.00	0.17
U013004	CHANNEL	1.273	0	12:28	0.54	0.00	0.10
U013006_2	CHANNEL	1.273	0	12:28	0.76	0.00	0.09
U013007	CHANNEL	1.232	0	12:29	0.66	0.00	0.10
U013008	CHANNEL	1.133	0	12:30	17.40	0.00	0.10
U013015	CHANNEL	0.751	0	12:20	37.69	0.00	0.09
U013019	CHANNEL	0.627	0	13:04	0.24	0.00	0.08
U013020	CHANNEL	0.627	0	13:03	>50.00	0.00	0.05
U013021	CHANNEL	0.627	0	13:03	0.46	0.00	0.04
U013022	CHANNEL	0.627	0	13:02	6.92	0.00	0.09
U013023	CHANNEL	0.627	0	13:01	0.66	0.01	0.21
U013024	CHANNEL	0.628	0	13:00	0.72	0.00	0.20
U013025	CHANNEL	0.580	0	13:00	0.55	0.00	0.08
U013026	CHANNEL	0.581	0	12:57	0.49	0.00	0.07
U013032	CHANNEL	0.527	0	12:56	0.28	0.00	0.08
U013033	CHANNEL	0.529	0	12:36	20.69	0.00	0.08
U013034	CHANNEL	0.432	0	12:35	14.20	0.00	0.06
U013038	CHANNEL	0.289	0	12:15	22.42	0.00	0.07
U013044	CHANNEL	0.284	0	12:05	0.09	0.00	0.08
U013045	CHANNEL	0.166	0	12:01	0.28	0.00	0.08
U014001	CHANNEL	0.301	0	12:00	0.19	0.00	0.07
U015002	CHANNEL	0.222	0	12:06	8.83	0.00	0.07
U016001	CHANNEL	0.176	0	12:11	18.65	0.00	0.06
U016002	CHANNEL	0.279	0	12:02	>50.00	0.00	0.06

Flow Classification Summary

Conduit	Adjusted /Actual Length	----- Fraction of Time in Flow Class -----								
		Up		Down	Sub	Sup	Up	Down	Norm	Inlet
		Dry	Dry	Dry	Crit	Crit	Crit	Crit	Ltd	Ctrl
C10	1.00	0.00	0.26	0.00	0.74	0.00	0.00	0.00	0.98	0.00
C100	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C101	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.96	0.00
C103	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C1450_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
C20	1.00	0.00	0.26	0.00	0.74	0.00	0.00	0.00	0.97	0.00
C25	1.00	0.00	0.07	0.00	0.93	0.00	0.00	0.00	0.98	0.00
C45	1.00	0.00	0.22	0.00	0.78	0.00	0.00	0.00	0.98	0.00
C50	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
C57	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C70	1.00	0.00	0.00	0.00	0.68	0.32	0.00	0.00	0.07	0.00
C75	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.88	0.00
C81	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.20	0.00
C86	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.82	0.00
C87	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C89	1.00	0.00	0.00	0.00	0.20	0.80	0.00	0.00	0.07	0.00
C91	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C93	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.73	0.00
C95	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C96	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.98	0.00
C99	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.00	0.00
PUB_RD_CULVERT-A	1.00	0.00	0.00	0.00	0.71	0.29	0.00	0.00	0.00	0.42
PUB_RD_CULVERT-B	1.00	0.00	0.00	0.00	0.22	0.78	0.00	0.00	0.00	0.00
PUB_RD_CULVERT-C	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.00	0.45
PUB_rd_DC01	1.00	0.74	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC02	1.00	0.00	0.74	0.00	0.26	0.00	0.00	0.00	0.74	0.00
PUB_rd_DC03	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
PUB_rd_DC04	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.47	0.00
PUB_rd_DC06	1.00	0.00	0.25	0.00	0.75	0.00	0.00	0.00	0.60	0.00
PUB_rd_DC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC09	1.00	0.00	0.20	0.00	0.80	0.00	0.00	0.00	0.40	0.00
PUB_rd_DC11	1.00	0.00	0.59	0.00	0.41	0.00	0.00	0.00	0.75	0.00
SMC09	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
SMC10	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.27	0.00
SMC11	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
SMC12	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.60	0.00
SMC13	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.02	0.00
SMC14	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
U012001	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.89	0.00
U013002	1.00	0.00	0.06	0.00	0.94	0.00	0.00	0.00	0.04	0.00
U013003	1.00	0.05	0.00	0.00	0.93	0.02	0.00	0.00	0.88	0.00
U013004	1.00	0.01	0.00	0.00	0.98	0.02	0.00	0.00	0.91	0.00
U013006_2	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.94	0.00
U013007	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
U013008	1.00	0.00	0.00	0.00	0.72	0.28	0.00	0.00	0.44	0.00
U013015	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.00
U013019	1.00	0.00	0.10	0.00	0.90	0.00	0.00	0.00	0.90	0.00
U013020	1.00	0.05	0.00	0.00	0.61	0.34	0.00	0.00	0.01	0.00
U013021	1.00	0.05	0.01	0.00	0.93	0.00	0.00	0.00	0.91	0.00
U013022	1.00	0.06	0.00	0.00	0.55	0.39	0.00	0.00	0.01	0.00
U013023	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.88	0.00
U013024	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
U013025	1.00	0.00	0.04	0.00	0.93	0.03	0.00	0.00	0.49	0.00
U013026	1.00	0.00	0.00	0.00	0.93	0.07	0.00	0.00	0.84	0.00
U013032	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.12	0.00
U013033	1.00	0.00	0.00	0.00	0.82	0.18	0.00	0.00	0.73	0.00
U013034	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.30	0.00

U013038	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.17	0.00
U013044	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
U013045	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.00
U014001	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.40	0.00
U015002	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.93	0.00
U016001	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.81	0.00
U016002	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.78	0.00

Conduit Surcharge Summary

Conduit	Hours Full			Hours Above Full	
	Both Ends	Upstream	Dnstream	Normal Flow	Capacity Limited
C103	0.01	0.67	0.01	0.01	0.01
C20	0.01	0.01	1.74	0.01	0.01
C25	0.01	0.01	2.95	0.01	0.01
C50	0.01	0.01	1.96	0.01	0.01
C81	3.17	3.17	3.40	3.04	3.04
C95	0.01	0.01	0.01	0.62	0.01
PUB_RD_CULVERT-B	0.01	6.27	0.01	2.14	0.01
PUB_rd_DC06	0.01	0.01	4.75	0.01	0.01
SMC14	0.01	0.01	6.37	0.01	0.01

Analysis begun on: Thu Jan 22 13:53:35 2026
Analysis ended on: Thu Jan 22 13:53:38 2026
Total elapsed time: 00:00:03



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

Element Count

Number of rain gages 8
Number of subcatchments ... 70
Number of nodes 69
Number of links 64
Number of pollutants 0
Number of land uses 0

Raingage Summary

Name	Data Source	Data Type	Recording Interval
100y_103.5mm	100y_103.5mm	INTENSITY	15 min.
10y_72mm	10y_72mm	INTENSITY	15 min.
25y_84mm	25y_84mm	INTENSITY	15 min.
2y_48mm	2y_48mm	INTENSITY	15 min.
50y_93.6mm	50y_93.6mm	INTENSITY	15 min.
5y_62.4mm	5y_62.4mm	INTENSITY	15 min.
Chicago_4h	Chicago_4h	INTENSITY	10 min.
SCS_Type_II_100y_12h_96mm	SCS_Type_II_96mm	INTENSITY	6 min.

Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
S1	1.90	157.97	7.00	10.8000	2y_48mm	26481
S61D	0.78	60.77	7.00	3.6030	2y_48mm	J80
SC02	1.52	145.82	7.00	10.8830	2y_48mm	16130
SC03	1.28	119.80	7.00	6.5590	2y_48mm	16017
SC05_1	1.10	179.89	7.00	6.1560	2y_48mm	J258
SC05_2	0.53	48.19	7.00	5.5430	2y_48mm	J258
SC07_1	2.18	137.54	7.00	4.4280	2y_48mm	J270
SC07_2	1.35	173.21	7.00	4.9200	2y_48mm	J270
SC08	1.46	100.97	7.00	4.4500	2y_48mm	J107
SC09_1	0.61	117.24	7.00	4.2070	2y_48mm	J111
SC09_2	1.09	105.53	7.00	5.3300	2y_48mm	J111
SC10_1	2.76	113.78	7.00	7.6470	2y_48mm	T009005
SC10_2	1.57	209.97	7.00	3.6030	2y_48mm	T009005
SC13	1.43	143.91	7.00	5.6990	2y_48mm	J53
SC14A	0.71	67.71	7.00	7.9820	2y_48mm	J86
SC14B	0.68	79.02	7.00	3.5540	2y_48mm	J86
SC14C	0.68	92.84	7.00	6.6690	2y_48mm	SC14B
SC14D	1.27	110.78	7.00	7.4640	2y_48mm	SC14B
SC15	3.05	152.73	7.00	6.8600	2y_48mm	T012001
SC20	0.95	73.90	7.00	6.1650	2y_48mm	T013006
SC21	2.35	142.04	7.00	7.6700	2y_48mm	T013007
SC22	1.45	146.91	7.00	6.9010	2y_48mm	T013012
SC23_1	1.98	107.13	7.00	8.0160	2y_48mm	T013016
SC23_2	1.52	158.50	7.00	5.9960	2y_48mm	T013016
SC29	2.21	201.26	7.00	7.5560	2y_48mm	T013024
SC31	2.38	208.79	7.00	8.2850	2y_48mm	T013031
SC32	1.68	172.87	7.00	9.8170	2y_48mm	T013032
SC33	2.85	228.75	7.00	8.4690	2y_48mm	T013033
SC34	2.18	256.38	7.00	9.5500	2y_48mm	T013037
SC35	1.40	109.31	7.00	9.0870	2y_48mm	T013042
SC36	2.05	276.27	7.00	10.5660	2y_48mm	T013044
SC37	1.86	185.18	7.00	8.5760	2y_48mm	T013045
SC38_1	1.28	124.61	7.00	7.3730	2y_48mm	T015001
SC38_2	1.25	75.83	7.00	4.9920	2y_48mm	T015001
SC39_1	1.59	125.65	7.00	8.3540	2y_48mm	T015003
SC39_2	1.22	145.02	7.00	8.5290	2y_48mm	T015003
SC40	3.34	162.46	7.00	8.9080	2y_48mm	T014001
SC42_1	1.02	83.26	7.00	9.0730	2y_48mm	T016003
SC42_2	1.65	89.45	7.00	9.2440	2y_48mm	T016003
SC48	2.54	141.06	7.00	11.0000	2y_48mm	25010
SC52	2.67	266.72	7.00	11.3200	2y_48mm	J5
SC54A	0.14	22.22	7.00	6.8700	2y_48mm	OF-EX
SC54B	1.32	84.06	7.00	4.7850	2y_48mm	OF-EX
SC54C	0.80	79.72	7.00	11.8730	2y_48mm	SC54B
SC55A	0.83	166.64	7.00	8.5600	2y_48mm	J274
SC55B	1.12	99.21	7.00	5.6280	2y_48mm	J8
SC55C	0.61	65.66	7.00	11.2500	2y_48mm	J14
SC55D	0.58	83.01	7.00	9.3820	2y_48mm	J17
SC55E	0.54	86.45	7.00	8.2240	2y_48mm	J17
SC55F	0.54	76.64	7.00	6.0420	2y_48mm	J43
SC55G	2.50	130.11	7.00	6.3060	2y_48mm	J43
SC55H	1.22	88.61	7.00	7.0290	2y_48mm	J33
SC55I	1.35	98.82	7.00	6.6690	2y_48mm	J35
SC61A	1.40	164.77	7.00	7.1970	2y_48mm	J33
SC61B	0.45	124.15	7.00	7.1480	2y_48mm	J276
SC61C	1.46	121.71	7.00	4.9010	2y_48mm	J64
SC61D	0.63	155.42	7.00	3.5050	2y_48mm	J64
SC61E	0.93	56.61	7.00	3.5920	2y_48mm	J92
SC61F	1.27	82.51	7.00	5.3450	2y_48mm	J101
SC70A	1.33	191.47	7.00	4.4170	2y_48mm	J259
SC70B	0.50	64.02	7.00	5.3700	2y_48mm	J259
SC70C	0.53	59.02	7.00	4.3430	2y_48mm	J117
SC70D	0.67	57.07	7.00	10.2410	2y_48mm	J117
SC70E	0.87	76.43	7.00	9.2800	2y_48mm	J137
SC70F	1.29	98.48	7.00	5.3410	2y_48mm	J137
SC70G	0.51	72.89	7.00	7.1560	2y_48mm	J253

SC70H	0.62	92.70	7.00	6.1840	2y_48mm	J253
SC70I	0.62	87.36	7.00	10.8400	2y_48mm	J160
SC70J	1.19	88.41	7.00	9.3970	2y_48mm	J152
SC70K	2.16	101.18	7.00	9.3820	2y_48mm	J160

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
16017	JUNCTION	93.42	3.31	0.0	
16094	JUNCTION	92.18	2.32	0.0	
16130	JUNCTION	93.42	1.58	0.0	
25010	JUNCTION	94.40	3.00	0.0	
25025	JUNCTION	94.64	1.40	0.0	
26419	JUNCTION	94.00	3.04	0.0	
26456	JUNCTION	94.23	1.01	0.0	
26481	JUNCTION	94.30	3.00	0.0	
26578	JUNCTION	95.36	1.40	0.0	
J101	JUNCTION	99.06	1.00	0.0	
J107	JUNCTION	98.16	1.00	0.0	
J111	JUNCTION	99.31	1.00	0.0	
J117	JUNCTION	100.45	1.00	0.0	
J137	JUNCTION	100.43	1.00	0.0	
J14	JUNCTION	92.06	1.50	0.0	
J152	JUNCTION	102.59	1.00	0.0	
J160	JUNCTION	103.54	1.00	0.0	
J17	JUNCTION	92.73	1.50	0.0	
J2	JUNCTION	96.92	1.00	0.0	
J253	JUNCTION	102.19	1.00	0.0	
J258	JUNCTION	96.27	2.31	0.0	
J259	JUNCTION	99.32	1.00	0.0	
J270	JUNCTION	96.96	1.00	0.0	
J274	JUNCTION	91.38	1.00	0.0	
J276	JUNCTION	96.26	1.00	0.0	
J3	JUNCTION	93.50	1.51	0.0	
J33	JUNCTION	94.89	1.00	0.0	
J35	JUNCTION	94.77	1.00	0.0	
J43	JUNCTION	94.81	1.00	0.0	
J5	JUNCTION	91.80	1.70	0.0	
J53	JUNCTION	97.11	1.00	0.0	
J64	JUNCTION	97.50	1.00	0.0	
J8	JUNCTION	90.51	1.00	0.0	
J80	JUNCTION	98.08	1.00	0.0	
J86	JUNCTION	98.10	1.00	0.0	
J92	JUNCTION	98.28	1.00	0.0	
T009005	JUNCTION	100.28	1.61	0.0	
T009007	JUNCTION	100.64	0.00	0.0	
T012001	JUNCTION	101.00	1.07	0.0	
T013002	JUNCTION	100.64	1.62	0.0	
T013003	JUNCTION	100.81	1.83	0.0	
T013006	JUNCTION	101.35	1.62	0.0	
T013007	JUNCTION	101.66	1.78	0.0	
T013012	JUNCTION	103.47	2.28	0.0	
T013016	JUNCTION	103.45	2.28	0.0	
T013019	JUNCTION	104.45	2.28	0.0	
T013020	JUNCTION	104.78	2.80	0.0	
T013021	JUNCTION	105.12	2.80	0.0	
T013022	JUNCTION	105.45	1.81	0.0	
T013023	JUNCTION	105.79	0.97	0.0	
T013024	JUNCTION	106.12	1.96	0.0	
T013025	JUNCTION	106.29	1.96	0.0	
T013031	JUNCTION	107.32	1.76	0.0	
T013032	JUNCTION	107.71	1.76	0.0	
T013033	JUNCTION	108.26	1.76	0.0	
T013037	JUNCTION	108.54	1.76	0.0	
T013042	JUNCTION	108.52	1.76	0.0	
T013044	JUNCTION	108.53	1.69	0.0	
T013045	JUNCTION	108.54	1.69	0.0	
T014001	JUNCTION	103.48	2.28	0.0	
T015001	JUNCTION	104.54	1.35	0.0	
T015003	JUNCTION	106.14	1.35	0.0	
T016001	JUNCTION	108.62	1.76	0.0	
T016003	JUNCTION	108.77	1.55	0.0	
T043003	JUNCTION	101.17	1.83	0.0	
OF-A	OUTFALL	91.50	0.70	0.0	
OF-B	OUTFALL	93.23	0.70	0.0	
OF-C	OUTFALL	94.15	0.70	0.0	
OF-EX	OUTFALL	89.62	0.36	0.0	

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
C10	J152	J253	CONDUIT	84.4	0.4739	0.0350
C100	J14	J274	CONDUIT	51.1	1.3304	0.0350
C101	J274	J8	CONDUIT	24.2	3.6035	0.0350
C103	J8	OF-EX	CONDUIT	143.4	0.6208	0.0350
C1450_1	T015001	T013012	CONDUIT	198.3	0.5395	0.0350
C20	J53	J258	CONDUIT	107.0	0.7853	0.0350
C25	J137	J259	CONDUIT	137.0	0.8103	0.0350
C45	J160	J253	CONDUIT	132.0	1.0225	0.0350
C50	J86	J270	CONDUIT	71.7	1.5911	0.0350
C57	J253	J117	CONDUIT	158.9	1.0950	0.0350
C70	J117	J259	CONDUIT	111.5	1.0136	0.0350
C75	J259	J101	CONDUIT	45.7	0.5694	0.0350
C81	J101	J92	CONDUIT	79.2	0.9847	0.0350
C86	J92	J80	CONDUIT	38.0	0.5257	0.0350
C87	J80	J64	CONDUIT	60.7	0.9559	0.0350

C89	J64	J276	CONDUIT	56.3	2.2037	0.0350
C91	J276	J33	CONDUIT	154.1	0.8892	0.0350
C93	J33	J35	CONDUIT	44.1	0.2719	0.0350
C95	J35	J43	CONDUIT	103.2	-0.0388	0.0350
C96	J43	J17	CONDUIT	109.8	1.8944	0.0350
C99	J17	J14	CONDUIT	56.1	1.1939	0.0350
PUB_RD_CULVERT-A	J5	OF-A	CONDUIT	24.5	1.2269	0.0160
PUB_RD_CULVERT-B	16130	OF-B	CONDUIT	14.1	1.3287	0.0160
PUB_RD_CULVERT-C	26456	OF-C	CONDUIT	18.5	0.4320	0.0160
PUB_rd_DC01	26578	25025	CONDUIT	78.4	0.9229	0.0350
PUB_rd_DC02	25025	25010	CONDUIT	34.3	0.6902	0.0350
PUB_rd_DC03	25010	26481	CONDUIT	24.2	0.4125	0.0350
PUB_rd_DC04	26481	26456	CONDUIT	24.8	0.2823	0.0350
PUB_rd_DC06	26419	16017	CONDUIT	46.7	1.2295	0.0350
PUB_rd_DC07	16017	16130	CONDUIT	71.4	0.0056	0.0350
PUB_rd_DC09	J3	16130	CONDUIT	80.1	0.0986	0.0350
PUB_rd_DC11	16094	J5	CONDUIT	133.6	0.2965	0.0350
SMC09	T009005	J111	CONDUIT	94.9	1.0221	0.0350
SMC10	J111	J107	CONDUIT	88.8	1.2946	0.0350
SMC11	J107	J270	CONDUIT	157.1	0.7639	0.0350
SMC12	J270	J2	CONDUIT	5.2	0.6955	0.0350
SMC13	J2	J258	CONDUIT	89.2	0.7335	0.0350
SMC14	J258	16130	CONDUIT	233.3	1.2211	0.0350
U012001	T012001	T009005	CONDUIT	92.1	0.7815	0.0350
U013002	T013002	T009005	CONDUIT	69.6	0.5132	0.0350
U013003	T013003	T013002	CONDUIT	22.4	0.7941	0.0350
U013004	T043003	T013003	CONDUIT	43.7	0.8177	0.0350
U013006_2	T013006	T043003	CONDUIT	5.7	3.1238	0.0350
U013007	T013007	T013006	CONDUIT	36.6	0.8478	0.0350
U013008	T013012	T013007	CONDUIT	125.0	1.4481	0.0350
U013015	T013016	T013012	CONDUIT	57.1	-0.0350	0.0350
U013019	T013019	T013016	CONDUIT	28.3	3.5416	0.0350
U013020	T013020	T013019	CONDUIT	23.0	1.4552	0.0350
U013021	T013021	T013020	CONDUIT	23.2	1.4391	0.0350
U013022	T013022	T013021	CONDUIT	53.4	0.6253	0.0350
U013023	T013023	T013022	CONDUIT	42.9	0.7765	0.0350
U013024	T013024	T013023	CONDUIT	28.5	1.1722	0.0350
U013025	T013025	T013024	CONDUIT	94.1	0.1817	0.0350
U013026	T013031	T013025	CONDUIT	95.9	1.0726	0.0350
U013032	T013032	T013031	CONDUIT	140.8	0.2771	0.0350
U013033	T013033	T013032	CONDUIT	117.1	0.4695	0.0350
U013034	T013037	T013033	CONDUIT	154.0	0.1818	0.0350
U013038	T013042	T013037	CONDUIT	63.3	-0.0316	0.0350
U013044	T013044	T013042	CONDUIT	91.4	0.0109	0.0350
U013045	T013045	T013044	CONDUIT	49.4	0.0202	0.0350
U014001	T014001	T013012	CONDUIT	20.8	0.0482	0.0350
U015002	T015003	T015001	CONDUIT	278.1	0.5752	0.0350
U016001	T016001	T013037	CONDUIT	114.9	0.0670	0.0350
U016002	T016003	T016001	CONDUIT	52.3	0.2928	0.0350

Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
C10	TRAPEZOIDAL	0.60	1.92	0.41	4.40	1	2.08
C100	C100	0.71	6.52	0.35	18.54	1	10.64
C101	C101	0.84	7.08	0.37	18.97	1	19.75
C103	C103	0.36	2.17	0.16	13.16	1	1.47
C1450_1	T-C1450_1	0.72	48.96	0.45	109.00	1	60.06
C20	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1	0.75
C25	C25	0.16	0.78	0.08	9.50	1	0.38
C45	TRAPEZOIDAL	0.60	1.92	0.41	4.40	1	3.06
C50	C50	0.32	1.46	0.17	8.24	1	1.65
C57	C57	0.25	1.13	0.15	7.56	1	0.94
C70	C70	0.95	25.32	0.62	40.00	1	52.78
C75	TRAPEZOIDAL	1.00	4.00	0.62	6.00	1	6.26
C81	C81	0.13	0.54	0.07	8.04	1	0.25
C86	TRAPEZOIDAL	1.00	4.00	0.62	6.00	1	6.01
C87	C87	0.60	5.37	0.36	14.68	1	7.64
C89	C89	0.68	5.95	0.38	15.45	1	13.32
C91	C91	0.83	4.29	0.43	9.35	1	6.54
C93	C93	0.74	4.44	0.28	16.58	1	2.84
C95	C95	0.60	3.11	0.23	13.46	1	0.65
C96	C96	1.00	11.25	0.62	17.88	1	32.28
C99	C99	1.02	10.34	0.56	18.28	1	21.92
PUB_RD_CULVERT-A	CIRCULAR	0.70	0.38	0.17	0.70	1	0.83
PUB_RD_CULVERT-B	CIRCULAR	0.70	0.38	0.17	0.70	1	0.87
PUB_RD_CULVERT-C	CIRCULAR	0.70	0.38	0.17	0.70	1	0.49
PUB_rd_DC01	T-C61	1.40	31.09	1.06	28.33	1	88.90
PUB_rd_DC02	T-C68	0.39	4.46	0.17	26.00	1	3.25
PUB_rd_DC03	T-C74	0.96	12.73	0.52	24.00	1	15.18
PUB_rd_DC04	T-C76	0.89	9.68	0.53	18.00	1	9.64
PUB_rd_DC06	T-C84	0.85	66.36	0.61	107.55	1	151.88
PUB_rd_DC07	T-C97	1.29	44.87	0.57	78.00	1	6.61
PUB_rd_DC09	T-C118	1.19	26.94	0.97	27.26	1	23.71
PUB_rd_DC11	T-C8	1.38	56.32	0.90	62.00	1	81.60
SMC09	C72	0.65	6.89	0.49	13.72	1	12.41
SMC10	C80	0.75	4.30	0.30	14.17	1	6.26
SMC11	C85	0.65	3.74	0.23	15.97	1	3.52
SMC12	C113	0.64	6.62	0.34	19.26	1	7.63
SMC13	C113	0.64	6.62	0.34	19.26	1	7.83
SMC14	T-SMC14	0.69	5.14	0.41	12.33	1	8.97
U012001	T-U012001	1.07	27.12	0.40	68.28	1	36.88
U013002	321	1.61	51.75	0.78	66.00	1	89.75
U013003	320	1.62	149.95	0.78	199.32	1	322.26
U013004	319	1.83	119.20	0.94	126.00	1	295.49
U013006_2	320	1.62	149.95	0.78	199.32	1	639.17
U013007	320	1.62	149.95	0.78	199.32	1	332.98
U013008	311	1.78	234.40	1.06	220.01	1	836.66
U013015	304	2.28	281.58	1.39	200.35	1	187.31

U013019	301	2.28	281.58	1.39	200.35	1	1884.05
U013020	300	2.28	281.58	1.39	200.35	1	1207.68
U013021	299	2.80	352.47	1.56	223.17	1	1627.10
U013022	297	1.81	249.24	1.08	228.85	1	592.24
U013023	295	0.97	74.28	0.49	151.00	1	116.20
U013024	295	0.97	74.28	0.49	151.00	1	142.76
U013025	288	1.96	244.18	1.27	191.00	1	348.79
U013026	287	1.76	182.44	1.04	174.00	1	554.91
U013032	287	1.76	182.44	1.04	174.00	1	282.04
U013033	257	1.76	197.17	1.53	129.00	1	512.48
U013034	257	1.76	197.17	1.53	129.00	1	318.92
U013038	257	1.76	197.17	1.53	129.00	1	132.94
U013044	248	1.69	187.98	1.05	177.16	1	58.19
U013045	248	1.69	187.98	1.05	177.16	1	79.15
U014001	304	2.28	281.58	1.39	200.35	1	219.71
U015002	293	1.35	173.02	0.99	173.00	1	372.97
U016001	257	1.76	197.17	1.53	129.00	1	193.61
U016002	261	1.55	116.51	1.32	87.00	1	216.45

Transect Summary

Transect 248

Area:	0.0012	0.0050	0.0106	0.0178	0.0259
	0.0340	0.0429	0.0542	0.0667	0.0796
	0.0931	0.1071	0.1213	0.1358	0.1505
	0.1653	0.1805	0.1959	0.2117	0.2280
	0.2450	0.2628	0.2814	0.3011	0.3217
	0.3427	0.3643	0.3862	0.4085	0.4313
	0.4544	0.4779	0.5019	0.5264	0.5514
	0.5777	0.6051	0.6334	0.6623	0.6915
	0.7212	0.7514	0.7817	0.8122	0.8430
	0.8740	0.9053	0.9367	0.9683	1.0000
Hrad:	0.0147	0.0360	0.0555	0.0720	0.1021
	0.1321	0.1589	0.1781	0.1982	0.2216
	0.2454	0.2692	0.2933	0.3185	0.3437
	0.3688	0.3925	0.4125	0.4361	0.4582
	0.4791	0.4996	0.5155	0.5068	0.5203
	0.5389	0.5419	0.5629	0.5886	0.6148
	0.6408	0.6633	0.6801	0.7022	0.7193
	0.7297	0.7480	0.7373	0.7611	0.7846
	0.7929	0.8217	0.8502	0.8783	0.9060
	0.9332	0.9215	0.9501	0.9783	1.0000
Width:	0.0896	0.1428	0.2058	0.2484	0.2537
	0.2600	0.3086	0.3782	0.4019	0.4134
	0.4288	0.4432	0.4496	0.4564	0.4630
	0.4698	0.4780	0.4903	0.4994	0.5213
	0.5446	0.5717	0.5967	0.6361	0.6522
	0.6688	0.6790	0.6951	0.7034	0.7191
	0.7301	0.7426	0.7603	0.7731	0.8026
	0.8412	0.8758	0.8973	0.9097	0.9217
	0.9413	0.9473	0.9533	0.9597	0.9668
	0.9755	0.9824	0.9859	0.9897	1.0000

Transect 257

Area:	0.0009	0.0043	0.0155	0.0326	0.0513
	0.0705	0.0900	0.1096	0.1293	0.1491
	0.1689	0.1889	0.2089	0.2290	0.2493
	0.2695	0.2899	0.3103	0.3308	0.3515
	0.3722	0.3930	0.4139	0.4349	0.4559
	0.4771	0.4983	0.5195	0.5408	0.5622
	0.5836	0.6050	0.6265	0.6481	0.6696
	0.6913	0.7129	0.7346	0.7564	0.7782
	0.8000	0.8219	0.8439	0.8659	0.8880
	0.9101	0.9323	0.9546	0.9772	1.0000
Hrad:	0.0127	0.0220	0.0268	0.0418	0.0625
	0.0832	0.1057	0.1281	0.1504	0.1726
	0.1947	0.2166	0.2384	0.2604	0.2824
	0.3042	0.3258	0.3473	0.3687	0.3899
	0.4110	0.4319	0.4528	0.4740	0.4951
	0.5162	0.5378	0.5594	0.5809	0.6024
	0.6239	0.6453	0.6669	0.6884	0.7098
	0.7312	0.7526	0.7739	0.7952	0.8162
	0.8371	0.8578	0.8785	0.8991	0.9196
	0.9389	0.9582	0.9758	0.9856	1.0000
Width:	0.0755	0.2466	0.6479	0.7914	0.8230
	0.8434	0.8478	0.8515	0.8552	0.8589
	0.8629	0.8673	0.8717	0.8749	0.8776
	0.8811	0.8847	0.8883	0.8922	0.8961
	0.9002	0.9045	0.9086	0.9119	0.9153
	0.9186	0.9207	0.9228	0.9250	0.9271
	0.9293	0.9313	0.9332	0.9351	0.9369
	0.9388	0.9406	0.9425	0.9443	0.9465
	0.9487	0.9511	0.9534	0.9558	0.9583
	0.9619	0.9656	0.9708	0.9839	1.0000

Transect 261

Area:	0.0008	0.0049	0.0157	0.0315	0.0488
	0.0664	0.0840	0.1018	0.1196	0.1376
	0.1558	0.1743	0.1935	0.2136	0.2338
	0.2541	0.2745	0.2950	0.3157	0.3366
	0.3578	0.3791	0.4005	0.4221	0.4436
	0.4652	0.4869	0.5086	0.5303	0.5521
	0.5739	0.5958	0.6178	0.6398	0.6619

Hrad:	0.6840	0.7062	0.7284	0.7507	0.7731
	0.7955	0.8179	0.8404	0.8630	0.8857
	0.9084	0.9311	0.9540	0.9769	1.0000
	0.0094	0.0196	0.0284	0.0442	0.0654
	0.0881	0.1110	0.1338	0.1564	0.1789
	0.2007	0.2219	0.2336	0.2478	0.2699
	0.2919	0.3136	0.3352	0.3555	0.3749
	0.3926	0.4141	0.4355	0.4573	0.4795
	0.5017	0.5238	0.5458	0.5678	0.5896
	0.6110	0.6322	0.6534	0.6745	0.6959
Width:	0.7172	0.7385	0.7597	0.7809	0.8018
	0.8225	0.8432	0.8638	0.8843	0.9045
	0.9247	0.9447	0.9641	0.9821	1.0000
	0.1045	0.3072	0.6073	0.7380	0.7556
	0.7620	0.7661	0.7701	0.7741	0.7816
	0.7945	0.8097	0.8553	0.8719	0.8762
	0.8805	0.8852	0.8902	0.8979	0.9077
	0.9213	0.9251	0.9289	0.9319	0.9337
	0.9356	0.9374	0.9392	0.9411	0.9431
	0.9458	0.9486	0.9513	0.9540	0.9562
Transect 287	0.9584	0.9606	0.9628	0.9650	0.9675
	0.9701	0.9727	0.9752	0.9779	0.9808
	0.9837	0.9866	0.9901	0.9951	1.0000
	0.0007	0.0025	0.0050	0.0094	0.0150
	0.0223	0.0312	0.0412	0.0518	0.0631
	0.0748	0.0868	0.0993	0.1126	0.1265
	0.1407	0.1560	0.1732	0.1910	0.2097
	0.2296	0.2501	0.2709	0.2923	0.3143
	0.3369	0.3597	0.3827	0.4060	0.4294
	0.4533	0.4776	0.5023	0.5272	0.5524
Hrad:	0.5781	0.6048	0.6325	0.6611	0.6903
	0.7198	0.7496	0.7796	0.8100	0.8406
	0.8715	0.9028	0.9344	0.9669	1.0000
	0.0174	0.0403	0.0624	0.0700	0.0863
	0.1043	0.1231	0.1412	0.1615	0.1871
	0.2153	0.2428	0.2691	0.2752	0.3036
	0.3286	0.3363	0.3340	0.3621	0.3777
	0.3923	0.4087	0.4310	0.4572	0.4820
	0.4972	0.5269	0.5566	0.5871	0.6174
	0.6471	0.6655	0.6946	0.7232	0.7508
Width:	0.7776	0.8016	0.7850	0.7803	0.8050
	0.8333	0.8613	0.8893	0.8900	0.9189
	0.9497	0.9802	0.9925	0.9932	1.0000
	0.0388	0.0622	0.1001	0.1472	0.1932
	0.2439	0.2840	0.3062	0.3277	0.3432
	0.3525	0.3629	0.3840	0.4107	0.4181
	0.4292	0.4928	0.5252	0.5392	0.5788
	0.6051	0.6133	0.6294	0.6481	0.6639
	0.6780	0.6829	0.6894	0.6960	0.7026
	0.7203	0.7310	0.7387	0.7463	0.7564
Transect 288	0.7833	0.8082	0.8416	0.8655	0.8768
	0.8839	0.8911	0.9005	0.9100	0.9179
	0.9267	0.9355	0.9539	0.9783	1.0000
	0.0010	0.0041	0.0080	0.0120	0.0166
	0.0221	0.0281	0.0356	0.0450	0.0559
	0.0679	0.0809	0.0946	0.1096	0.1256
	0.1424	0.1601	0.1785	0.1973	0.2166
	0.2362	0.2562	0.2767	0.2976	0.3190
	0.3408	0.3630	0.3854	0.4081	0.4313
	0.4551	0.4794	0.5046	0.5303	0.5570
Hrad:	0.5842	0.6121	0.6408	0.6699	0.6991
	0.7284	0.7581	0.7882	0.8183	0.8485
	0.8787	0.9089	0.9392	0.9695	1.0000
	0.0152	0.0357	0.0624	0.0906	0.1150
	0.1343	0.1474	0.1574	0.1727	0.1854
	0.1964	0.2125	0.2323	0.2523	0.2716
	0.2912	0.3094	0.3223	0.3397	0.3603
	0.3816	0.4027	0.4234	0.4433	0.4642
	0.4773	0.5019	0.5261	0.5490	0.5716
	0.5843	0.6050	0.6063	0.6281	0.6415
Width:	0.6642	0.6855	0.7086	0.7021	0.7300
	0.7578	0.7764	0.8003	0.8300	0.8597
	0.8893	0.9189	0.9476	0.9756	1.0000
	0.0712	0.1182	0.1278	0.1435	0.1608
	0.1880	0.2146	0.2825	0.3407	0.3743
	0.4091	0.4352	0.4718	0.5087	0.5359
	0.5661	0.5886	0.6099	0.6231	0.6356
	0.6484	0.6618	0.6765	0.6914	0.7048
	0.7199	0.7286	0.7376	0.7480	0.7684
	0.7854	0.8099	0.8356	0.8533	0.8810
Transect 293	0.8972	0.9292	0.9437	0.9542	0.9578
	0.9614	0.9781	0.9849	0.9860	0.9870
	0.9881	0.9891	0.9911	0.9938	1.0000
	0.0002	0.0017	0.0076	0.0180	0.0315
	0.0464	0.0618	0.0777	0.0941	0.1106
	0.1274	0.1444	0.1616	0.1788	0.1961
	0.2134	0.2308	0.2482	0.2657	0.2835
	0.3019	0.3211	0.3410	0.3615	0.3822

Hrad:	0.4035	0.4256	0.4481	0.4709	0.4941
	0.5176	0.5414	0.5655	0.5897	0.6140
	0.6384	0.6629	0.6876	0.7125	0.7379
	0.7633	0.7888	0.8144	0.8401	0.8661
	0.8925	0.9193	0.9461	0.9730	1.0000
	0.0122	0.0174	0.0286	0.0426	0.0596
	0.0841	0.1083	0.1314	0.1552	0.1800
	0.2047	0.2290	0.2554	0.2816	0.3078
	0.3339	0.3599	0.3859	0.4116	0.4365
	0.4603	0.4522	0.4721	0.4782	0.4958
Width:	0.5115	0.5194	0.5446	0.5692	0.5932
	0.5929	0.6124	0.6356	0.6601	0.6832
	0.7072	0.7314	0.7553	0.7635	0.7873
	0.8113	0.8358	0.8602	0.8838	0.9065
	0.9044	0.9287	0.9532	0.9771	1.0000
	0.0201	0.1337	0.2971	0.4551	0.5431
	0.5612	0.5780	0.5961	0.6082	0.6168
	0.6247	0.6328	0.6349	0.6370	0.6391
	0.6411	0.6430	0.6450	0.6525	0.6634
	0.6964	0.7225	0.7489	0.7581	0.7730
Transect 295					
Area:	0.0003	0.0010	0.0019	0.0030	0.0042
	0.0056	0.0069	0.0084	0.0100	0.0117
	0.0135	0.0155	0.0190	0.0252	0.0351
	0.0484	0.0646	0.0820	0.1003	0.1191
	0.1385	0.1583	0.1787	0.1995	0.2207
	0.2424	0.2646	0.2869	0.3101	0.3335
	0.3572	0.3810	0.4053	0.4311	0.4591
	0.4887	0.5195	0.5513	0.5851	0.6198
	0.6554	0.6919	0.7293	0.7673	0.8055
	0.8439	0.8826	0.9215	0.9606	1.0000
Hrad:	0.0211	0.0474	0.0750	0.1022	0.1327
	0.1618	0.1896	0.2165	0.2421	0.2666
	0.2906	0.3103	0.3012	0.2603	0.2014
	0.1965	0.2057	0.2230	0.2483	0.2749
	0.3032	0.3311	0.3443	0.3772	0.4068
	0.4361	0.4694	0.5028	0.5239	0.5590
	0.5943	0.6263	0.6511	0.6805	0.6970
	0.7239	0.7510	0.7757	0.7070	0.7411
	0.7726	0.8025	0.7645	0.7946	0.8302
	0.8655	0.8985	0.9321	0.9655	1.0000
Width:	0.0138	0.0211	0.0257	0.0296	0.0319
	0.0343	0.0366	0.0389	0.0413	0.0438
	0.0463	0.0592	0.1186	0.1969	0.3025
	0.3850	0.4315	0.4577	0.4699	0.4830
	0.4954	0.5102	0.5230	0.5313	0.5434
	0.5560	0.5635	0.5706	0.5917	0.5966
	0.6009	0.6083	0.6272	0.6747	0.7351
	0.7626	0.7934	0.8281	0.8739	0.8887
	0.9079	0.9393	0.9541	0.9657	0.9703
	0.9751	0.9822	0.9885	0.9949	1.0000
Transect 297					
Area:	0.0003	0.0012	0.0025	0.0040	0.0056
	0.0084	0.0120	0.0159	0.0200	0.0249
	0.0313	0.0386	0.0469	0.0565	0.0668
	0.0778	0.0900	0.1032	0.1195	0.1387
	0.1595	0.1808	0.2027	0.2253	0.2481
	0.2714	0.2950	0.3189	0.3435	0.3692
	0.3961	0.4243	0.4536	0.4832	0.5135
	0.5445	0.5759	0.6077	0.6400	0.6723
	0.7046	0.7371	0.7697	0.8025	0.8353
	0.8682	0.9010	0.9340	0.9670	1.0000
Hrad:	0.0210	0.0338	0.0615	0.0872	0.1125
	0.0821	0.1107	0.1387	0.1656	0.1848
	0.1868	0.2053	0.2169	0.2088	0.2319
	0.2502	0.2638	0.2868	0.3016	0.3125
	0.3199	0.3376	0.3557	0.3394	0.3683
	0.3942	0.4227	0.4496	0.4683	0.4932
	0.5153	0.5361	0.5195	0.5481	0.5728
	0.5993	0.6271	0.6498	0.6594	0.6909
	0.7226	0.7542	0.7812	0.8128	0.8449
	0.8770	0.9091	0.9407	0.9721	1.0000
Width:	0.0130	0.0367	0.0414	0.0458	0.0582
	0.1068	0.1141	0.1201	0.1271	0.1706
	0.2122	0.2290	0.2743	0.3010	0.3178
	0.3550	0.3772	0.4301	0.5442	0.6067
	0.6343	0.6511	0.6704	0.6844	0.6929
	0.7066	0.7157	0.7272	0.7583	0.7983
	0.8248	0.8727	0.8866	0.9028	0.9286
	0.9365	0.9548	0.9672	0.9722	0.9745
	0.9765	0.9784	0.9865	0.9883	0.9894
	0.9905	0.9916	0.9931	0.9948	1.0000
Transect 299					
Area:	0.0012	0.0034	0.0066	0.0105	0.0152
	0.0213	0.0281	0.0355	0.0439	0.0533
	0.0647	0.0768	0.0897	0.1033	0.1182

Hrad:	0.1342	0.1506	0.1678	0.1853	0.2031
	0.2211	0.2392	0.2578	0.2769	0.2961
	0.3155	0.3352	0.3552	0.3764	0.3984
	0.4209	0.4439	0.4675	0.4916	0.5163
	0.5415	0.5678	0.5961	0.6271	0.6596
	0.6925	0.7257	0.7592	0.7930	0.8271
	0.8615	0.8959	0.9304	0.9650	1.0000
	0.0242	0.0503	0.0648	0.0936	0.1047
	0.1163	0.1443	0.1697	0.1867	0.1934
	0.1940	0.2191	0.2371	0.2672	0.2672
Width:	0.2946	0.3210	0.3428	0.3737	0.4051
	0.4362	0.4670	0.4970	0.5137	0.5459
	0.5756	0.6023	0.6299	0.6304	0.6575
	0.6840	0.7094	0.7310	0.7536	0.7783
	0.8023	0.8189	0.8270	0.7493	0.7678
	0.7962	0.8250	0.8540	0.8295	0.8543
	0.8870	0.9207	0.9545	0.9882	1.0000
	0.0555	0.0731	0.1023	0.1203	0.1465
	0.1846	0.2006	0.2183	0.2488	0.2908
	0.3354	0.3527	0.3805	0.3890	0.4448
Transect 300 Area:	0.4581	0.4719	0.4924	0.4989	0.5043
	0.5097	0.5160	0.5317	0.5420	0.5455
	0.5512	0.5597	0.5715	0.6152	0.6280
	0.6421	0.6562	0.6732	0.6900	0.7031
	0.7240	0.7646	0.8355	0.9069	0.9248
	0.9340	0.9416	0.9482	0.9573	0.9693
	0.9721	0.9737	0.9752	0.9787	1.0000
	0.0002	0.0016	0.0049	0.0095	0.0159
	0.0235	0.0316	0.0402	0.0492	0.0594
	0.0709	0.0849	0.0998	0.1151	0.1306
Hrad:	0.1464	0.1626	0.1791	0.1963	0.2145
	0.2332	0.2525	0.2725	0.2931	0.3149
	0.3386	0.3632	0.3885	0.4140	0.4399
	0.4661	0.4924	0.5190	0.5456	0.5723
	0.5991	0.6260	0.6532	0.6806	0.7081
	0.7357	0.7633	0.7912	0.8195	0.8480
	0.8769	0.9065	0.9369	0.9680	1.0000
	0.0147	0.0234	0.0418	0.0632	0.0735
	0.0960	0.1250	0.1494	0.1752	0.1952
	0.2107	0.2035	0.2149	0.2444	0.2731
Width:	0.2992	0.3241	0.3521	0.3706	0.3960
	0.4204	0.4450	0.4580	0.4832	0.5058
	0.5265	0.5471	0.5680	0.5894	0.6109
	0.5773	0.6054	0.6342	0.6644	0.6951
	0.7257	0.7526	0.7752	0.8046	0.8346
	0.8649	0.8951	0.9235	0.9519	0.9803
	0.9872	0.9783	0.9914	1.0160	1.0000
	0.0188	0.0841	0.1258	0.1720	0.2175
	0.2469	0.2552	0.2710	0.2902	0.3340
	0.4055	0.4463	0.4680	0.4746	0.4818
Transect 301 Area:	0.4931	0.5056	0.5161	0.5487	0.5680
	0.5868	0.6042	0.6281	0.6434	0.7090
	0.7494	0.7699	0.7843	0.7929	0.8031
	0.8103	0.8161	0.8208	0.8235	0.8255
	0.8274	0.8335	0.8442	0.8472	0.8496
	0.8516	0.8542	0.8671	0.8754	0.8829
	0.9011	0.9267	0.9470	0.9711	1.0000
	0.0002	0.0016	0.0049	0.0095	0.0159
	0.0235	0.0316	0.0402	0.0492	0.0594
	0.0709	0.0849	0.0998	0.1151	0.1306
Hrad:	0.1464	0.1626	0.1791	0.1963	0.2145
	0.2332	0.2525	0.2725	0.2931	0.3149
	0.3386	0.3632	0.3885	0.4140	0.4399
	0.4661	0.4924	0.5190	0.5456	0.5723
	0.5991	0.6260	0.6532	0.6806	0.7081
	0.7357	0.7633	0.7912	0.8195	0.8480
	0.8769	0.9065	0.9369	0.9680	1.0000
	0.0147	0.0234	0.0418	0.0632	0.0735
	0.0960	0.1250	0.1494	0.1752	0.1952
	0.2107	0.2035	0.2149	0.2444	0.2731
Width:	0.2992	0.3241	0.3521	0.3706	0.3960
	0.4204	0.4450	0.4580	0.4832	0.5058
	0.5265	0.5471	0.5680	0.5894	0.6109
	0.5773	0.6054	0.6342	0.6644	0.6951
	0.7257	0.7526	0.7752	0.8046	0.8346
	0.8649	0.8951	0.9235	0.9519	0.9803
	0.9872	0.9783	0.9914	1.0160	1.0000
	0.0188	0.0841	0.1258	0.1720	0.2175
	0.2469	0.2552	0.2710	0.2902	0.3340
	0.4055	0.4463	0.4680	0.4746	0.4818
Transect 304 Area:	0.4931	0.5056	0.5161	0.5487	0.5680
	0.5868	0.6042	0.6281	0.6434	0.7090
	0.7494	0.7699	0.7843	0.7929	0.8031
	0.8103	0.8161	0.8208	0.8235	0.8255
	0.8274	0.8335	0.8442	0.8472	0.8496
	0.8516	0.8542	0.8671	0.8754	0.8829
	0.9011	0.9267	0.9470	0.9711	1.0000
	0.0002	0.0016	0.0049	0.0095	0.0159

	0.0235	0.0316	0.0402	0.0492	0.0594
	0.0709	0.0849	0.0998	0.1151	0.1306
	0.1464	0.1626	0.1791	0.1963	0.2145
	0.2332	0.2525	0.2725	0.2931	0.3149
	0.3386	0.3632	0.3885	0.4140	0.4399
	0.4661	0.4924	0.5190	0.5456	0.5723
	0.5991	0.6260	0.6532	0.6806	0.7081
	0.7357	0.7633	0.7912	0.8195	0.8480
	0.8769	0.9065	0.9369	0.9680	1.0000
Hrad:					
	0.0147	0.0234	0.0418	0.0632	0.0735
	0.0960	0.1250	0.1494	0.1752	0.1952
	0.2107	0.2035	0.2149	0.2444	0.2731
	0.2992	0.3241	0.3521	0.3706	0.3960
	0.4204	0.4450	0.4580	0.4832	0.5058
	0.5265	0.5471	0.5680	0.5894	0.6109
	0.5773	0.6054	0.6342	0.6644	0.6951
	0.7257	0.7526	0.7752	0.8046	0.8346
	0.8649	0.8951	0.9235	0.9519	0.9803
	0.9872	0.9783	0.9914	1.0160	1.0000
Width:					
	0.0188	0.0841	0.1258	0.1720	0.2175
	0.2469	0.2552	0.2710	0.2902	0.3340
	0.4055	0.4463	0.4680	0.4746	0.4818
	0.4931	0.5056	0.5161	0.5487	0.5680
	0.5868	0.6042	0.6281	0.6434	0.7090
	0.7494	0.7699	0.7843	0.7929	0.8031
	0.8103	0.8161	0.8208	0.8235	0.8255
	0.8274	0.8335	0.8442	0.8472	0.8496
	0.8516	0.8542	0.8671	0.8754	0.8829
	0.9011	0.9267	0.9470	0.9711	1.0000
Transect 311					
Area:					
	0.0002	0.0013	0.0029	0.0049	0.0072
	0.0100	0.0131	0.0167	0.0209	0.0261
	0.0327	0.0401	0.0483	0.0577	0.0681
	0.0797	0.0920	0.1048	0.1185	0.1340
	0.1515	0.1710	0.1921	0.2151	0.2395
	0.2644	0.2898	0.3163	0.3438	0.3721
	0.4009	0.4303	0.4603	0.4905	0.5209
	0.5515	0.5825	0.6136	0.6449	0.6763
	0.7079	0.7396	0.7716	0.8036	0.8359
	0.8683	0.9009	0.9338	0.9668	1.0000
Hrad:					
	0.0134	0.0290	0.0533	0.0776	0.0918
	0.1125	0.1349	0.1442	0.1657	0.1587
	0.1521	0.1791	0.2024	0.2036	0.2252
	0.2475	0.2700	0.2807	0.3006	0.3202
	0.3352	0.3479	0.3618	0.3295	0.3253
	0.3553	0.3835	0.4081	0.4328	0.4586
	0.4601	0.4883	0.5113	0.5412	0.5716
	0.5975	0.6273	0.6581	0.6883	0.7178
	0.7467	0.7756	0.8058	0.8349	0.8635
	0.8927	0.9192	0.9462	0.9755	1.0000
Width:					
	0.0185	0.0446	0.0548	0.0631	0.0784
	0.0891	0.0975	0.1163	0.1360	0.1732
	0.2156	0.2243	0.2644	0.2941	0.3339
	0.3574	0.3747	0.3932	0.4417	0.4959
	0.5548	0.6122	0.6577	0.7166	0.7384
	0.7542	0.7712	0.8118	0.8365	0.8536
	0.8737	0.8904	0.9025	0.9085	0.9134
	0.9250	0.9305	0.9342	0.9385	0.9436
	0.9493	0.9548	0.9585	0.9634	0.9688
	0.9732	0.9806	0.9871	0.9912	1.0000
Transect 319					
Area:					
	0.0012	0.0045	0.0089	0.0142	0.0200
	0.0265	0.0345	0.0436	0.0539	0.0650
	0.0765	0.0885	0.1010	0.1141	0.1278
	0.1418	0.1564	0.1714	0.1868	0.2027
	0.2191	0.2361	0.2535	0.2714	0.2897
	0.3085	0.3278	0.3476	0.3679	0.3893
	0.4124	0.4361	0.4608	0.4862	0.5123
	0.5391	0.5667	0.5951	0.6242	0.6542
	0.6858	0.7185	0.7518	0.7856	0.8198
	0.8544	0.8893	0.9252	0.9621	1.0000
Hrad:					
	0.0186	0.0448	0.0711	0.0997	0.1271
	0.1351	0.1555	0.1745	0.1941	0.2229
	0.2529	0.2817	0.3046	0.3313	0.3582
	0.3854	0.4116	0.4370	0.4624	0.4868
	0.5113	0.5335	0.5573	0.5806	0.6063
	0.6301	0.6509	0.6737	0.6944	0.6639
	0.6837	0.7004	0.7141	0.7330	0.7507
	0.7718	0.7853	0.8030	0.8234	0.8206
	0.8284	0.8441	0.8703	0.8957	0.9245
	0.9538	0.9838	0.9803	0.9995	1.0000
Width:					
	0.0645	0.1000	0.1258	0.1424	0.1574
	0.1966	0.2225	0.2508	0.2783	0.2922
	0.3032	0.3148	0.3323	0.3453	0.3574
	0.3688	0.3807	0.3930	0.4048	0.4173
	0.4295	0.4434	0.4557	0.4684	0.4789
	0.4906	0.5046	0.5170	0.5308	0.5875
	0.6044	0.6239	0.6465	0.6646	0.6838
	0.6999	0.7231	0.7427	0.7597	0.7989
	0.8297	0.8530	0.8656	0.8785	0.8880
	0.8967	0.9046	0.9443	0.9628	1.0000
Transect 320					

Area:	0.0007	0.0025	0.0053	0.0086	0.0123
	0.0165	0.0214	0.0268	0.0328	0.0395
	0.0467	0.0546	0.0632	0.0723	0.0817
	0.0913	0.1012	0.1113	0.1218	0.1340
	0.1473	0.1613	0.1766	0.1942	0.2129
	0.2326	0.2531	0.2743	0.2968	0.3206
	0.3456	0.3720	0.3991	0.4277	0.4577
	0.4883	0.5195	0.5514	0.5840	0.6174
	0.6515	0.6870	0.7241	0.7620	0.8004
	0.8393	0.8785	0.9181	0.9582	1.0000
Hrad:	0.0209	0.0430	0.0724	0.1010	0.1301
	0.1533	0.1719	0.1956	0.2171	0.2366
	0.2598	0.2732	0.2956	0.3258	0.3583
	0.3906	0.4217	0.4504	0.4718	0.4310
	0.4482	0.4672	0.4771	0.4546	0.4786
	0.5004	0.5267	0.5544	0.5576	0.5757
	0.5951	0.5776	0.6080	0.6038	0.6298
	0.6586	0.6875	0.7119	0.7396	0.7612
	0.7890	0.7786	0.8059	0.8305	0.8627
	0.8969	0.9295	0.9622	0.9926	1.0000
Width:	0.0304	0.0568	0.0705	0.0821	0.0916
	0.1042	0.1202	0.1325	0.1461	0.1613
	0.1738	0.1930	0.2066	0.2144	0.2203
	0.2258	0.2318	0.2388	0.2495	0.3003
	0.3174	0.3336	0.3890	0.4223	0.4439
	0.4657	0.4834	0.5012	0.5405	0.5675
	0.5938	0.6222	0.6351	0.6843	0.7020
	0.7163	0.7300	0.7482	0.7628	0.7836
	0.7977	0.8524	0.8681	0.8863	0.8963
	0.9040	0.9131	0.9218	0.9433	1.0000
Transect 321					
Area:	0.0004	0.0017	0.0038	0.0067	0.0103
	0.0146	0.0196	0.0252	0.0314	0.0383
	0.0459	0.0541	0.0630	0.0725	0.0827
	0.0936	0.1051	0.1173	0.1303	0.1443
	0.1593	0.1750	0.1916	0.2090	0.2272
	0.2463	0.2666	0.2876	0.3097	0.3325
	0.3563	0.3810	0.4065	0.4328	0.4599
	0.4885	0.5185	0.5498	0.5825	0.6163
	0.6509	0.6864	0.7226	0.7599	0.7986
	0.8382	0.8781	0.9184	0.9590	1.0000
Hrad:	0.0206	0.0412	0.0617	0.0835	0.1074
	0.1304	0.1527	0.1747	0.1964	0.2179
	0.2392	0.2604	0.2816	0.3026	0.3236
	0.3445	0.3654	0.3832	0.3958	0.4101
	0.4278	0.4459	0.4642	0.4828	0.5016
	0.5121	0.5314	0.5496	0.5675	0.5866
	0.6052	0.6247	0.6470	0.6683	0.6837
	0.6858	0.6959	0.7090	0.7180	0.7412
	0.7661	0.7872	0.8126	0.8219	0.8362
	0.8682	0.9012	0.9350	0.9678	1.0000
Width:	0.0204	0.0408	0.0611	0.0803	0.0962
	0.1121	0.1280	0.1440	0.1599	0.1758
	0.1918	0.2077	0.2236	0.2396	0.2555
	0.2714	0.2873	0.3058	0.3291	0.3518
	0.3721	0.3922	0.4125	0.4326	0.4527
	0.4808	0.5015	0.5232	0.5455	0.5668
	0.5887	0.6097	0.6282	0.6474	0.6725
	0.7122	0.7450	0.7754	0.8112	0.8315
	0.8496	0.8719	0.8892	0.9244	0.9551
	0.9655	0.9744	0.9823	0.9909	1.0000
Transect 324					
Area:	0.0017	0.0045	0.0077	0.0116	0.0160
	0.0210	0.0268	0.0333	0.0405	0.0490
	0.0582	0.0680	0.0787	0.0900	0.1022
	0.1149	0.1282	0.1420	0.1575	0.1746
	0.1922	0.2104	0.2294	0.2492	0.2709
	0.2950	0.3203	0.3461	0.3720	0.3980
	0.4242	0.4506	0.4772	0.5040	0.5310
	0.5583	0.5857	0.6135	0.6416	0.6700
	0.6988	0.7279	0.7573	0.7887	0.8215
	0.8547	0.8897	0.9257	0.9625	1.0000
Hrad:	0.0242	0.0534	0.0786	0.1001	0.1222
	0.1377	0.1562	0.1755	0.1809	0.1959
	0.2205	0.2366	0.2552	0.2736	0.2939
	0.3163	0.3378	0.3554	0.3433	0.3583
	0.3851	0.4009	0.4256	0.4289	0.4216
	0.4306	0.4451	0.4784	0.5115	0.5442
	0.5760	0.6071	0.6375	0.6678	0.6979
	0.7270	0.7559	0.7817	0.8087	0.8341
	0.8589	0.8852	0.9137	0.8955	0.8868
	0.9148	0.9373	0.9558	0.9814	1.0000
Width:	0.0662	0.0790	0.0924	0.1087	0.1227
	0.1433	0.1611	0.1779	0.2103	0.2346
	0.2476	0.2696	0.2891	0.3087	0.3262
	0.3407	0.3559	0.3749	0.4304	0.4570
	0.4681	0.4923	0.5056	0.5450	0.6176
	0.6428	0.6749	0.6782	0.6817	0.6852
	0.6897	0.6949	0.7005	0.7061	0.7116
	0.7179	0.7243	0.7333	0.7411	0.7501
	0.7595	0.7674	0.7837	0.8544	0.8644
	0.8882	0.9329	0.9587	0.9738	1.0000

Transect C100

Area:	0.0007	0.0026	0.0059	0.0106	0.0160
	0.0221	0.0289	0.0363	0.0445	0.0535
	0.0633	0.0739	0.0849	0.0963	0.1084
	0.1218	0.1376	0.1555	0.1742	0.1936
	0.2135	0.2339	0.2548	0.2761	0.2979
	0.3201	0.3428	0.3659	0.3895	0.4134
	0.4378	0.4625	0.4877	0.5133	0.5393
	0.5657	0.5926	0.6201	0.6480	0.6765
	0.7055	0.7350	0.7650	0.7956	0.8267
	0.8583	0.8909	0.9248	0.9606	1.0000
Hrad:	0.0204	0.0408	0.0612	0.0838	0.1127
	0.1399	0.1657	0.1907	0.2114	0.2314
	0.2515	0.2783	0.3090	0.3360	0.3527
	0.3681	0.3790	0.3454	0.3711	0.4013
	0.4315	0.4614	0.4916	0.5213	0.5507
	0.5797	0.6087	0.6383	0.6675	0.6965
	0.7251	0.7534	0.7815	0.8094	0.8367
	0.8626	0.8863	0.9100	0.9335	0.9570
	0.9803	1.0035	1.0262	1.0485	1.0708
	1.0916	1.0909	1.0916	1.0530	1.0000
Width:	0.0325	0.0650	0.0975	0.1263	0.1424
	0.1586	0.1748	0.1909	0.2108	0.2315
	0.2522	0.2659	0.2751	0.2868	0.3075
	0.3589	0.4202	0.4509	0.4702	0.4832
	0.4956	0.5076	0.5189	0.5302	0.5415
	0.5528	0.5636	0.5737	0.5838	0.5939
	0.6039	0.6140	0.6241	0.6342	0.6445
	0.6557	0.6685	0.6812	0.6940	0.7067
	0.7194	0.7322	0.7452	0.7585	0.7717
	0.7860	0.8165	0.8509	0.9279	1.0000

Transect C101

Area:	0.0010	0.0042	0.0091	0.0150	0.0217
	0.0292	0.0372	0.0457	0.0547	0.0642
	0.0743	0.0848	0.0958	0.1072	0.1192
	0.1315	0.1444	0.1577	0.1714	0.1856
	0.2001	0.2149	0.2301	0.2457	0.2617
	0.2780	0.2947	0.3118	0.3292	0.3470
	0.3652	0.3838	0.4027	0.4227	0.4461
	0.4746	0.5042	0.5339	0.5639	0.5947
	0.6273	0.6618	0.6985	0.7394	0.7812
	0.8237	0.8669	0.9106	0.9550	1.0000
Hrad:	0.0228	0.0456	0.0760	0.1086	0.1390
	0.1705	0.2041	0.2364	0.2677	0.2980
	0.3276	0.3565	0.3860	0.4150	0.4435
	0.4716	0.4992	0.5265	0.5534	0.5845
	0.6164	0.6454	0.6742	0.7026	0.7307
	0.7586	0.7862	0.8136	0.8408	0.8677
	0.8945	0.9211	0.9461	0.9483	0.9238
	0.7291	0.7686	0.8077	0.8467	0.8841
	0.9183	0.9499	0.9613	0.8062	0.8385
	0.8706	0.9033	0.9358	0.9680	1.0000
Width:	0.0462	0.0923	0.1208	0.1387	0.1567
	0.1716	0.1826	0.1936	0.2047	0.2157
	0.2267	0.2378	0.2479	0.2581	0.2682
	0.2784	0.2886	0.2987	0.3089	0.3165
	0.3234	0.3316	0.3399	0.3481	0.3563
	0.3646	0.3728	0.3810	0.3893	0.3975
	0.4057	0.4140	0.4228	0.4703	0.5891
	0.6494	0.6544	0.6593	0.6643	0.7003
	0.7403	0.7830	0.8510	0.9167	0.9313
	0.9459	0.9595	0.9730	0.9865	1.0000

Transect C103

Area:	0.0019	0.0076	0.0153	0.0236	0.0324
	0.0418	0.0518	0.0623	0.0733	0.0847
	0.0966	0.1088	0.1214	0.1344	0.1478
	0.1616	0.1758	0.1904	0.2054	0.2208
	0.2366	0.2527	0.2693	0.2863	0.3038
	0.3216	0.3399	0.3587	0.3778	0.3974
	0.4175	0.4379	0.4588	0.4802	0.5019
	0.5241	0.5467	0.5698	0.5937	0.6190
	0.6458	0.6754	0.7106	0.7501	0.7902
	0.8307	0.8720	0.9140	0.9566	1.0000
Hrad:	0.0219	0.0450	0.0841	0.1210	0.1561
	0.1896	0.2219	0.2530	0.2854	0.3187
	0.3512	0.3830	0.4142	0.4448	0.4749
	0.5046	0.5338	0.5626	0.5910	0.6191
	0.6469	0.6744	0.7006	0.7261	0.7514
	0.7766	0.8016	0.8264	0.8511	0.8757
	0.9001	0.9245	0.9487	0.9729	0.9969
	1.0209	1.0447	1.0654	1.0536	1.0382
	1.0266	0.9715	0.8843	0.8231	0.8577
	0.8879	0.9162	0.9444	0.9723	1.0000
Width:	0.0873	0.1701	0.1828	0.1955	0.2082
	0.2209	0.2336	0.2463	0.2570	0.2660
	0.2750	0.2841	0.2931	0.3021	0.3112
	0.3202	0.3292	0.3382	0.3473	0.3563
	0.3653	0.3744	0.3839	0.3938	0.4037
	0.4136	0.4235	0.4334	0.4433	0.4532
	0.4631	0.4729	0.4828	0.4927	0.5026
	0.5125	0.5224	0.5339	0.5626	0.5954

	0.6285	0.7360	0.8739	0.9112	0.9211
	0.9355	0.9516	0.9677	0.9839	1.0000
Transect C109					
Area:					
	0.0006	0.0025	0.0057	0.0102	0.0159
	0.0225	0.0298	0.0377	0.0463	0.0555
	0.0653	0.0757	0.0866	0.0982	0.1103
	0.1231	0.1364	0.1504	0.1650	0.1804
	0.1965	0.2133	0.2308	0.2490	0.2679
	0.2876	0.3080	0.3292	0.3511	0.3738
	0.3972	0.4215	0.4469	0.4735	0.5012
	0.5299	0.5591	0.5887	0.6187	0.6494
	0.6809	0.7133	0.7466	0.7806	0.8153
	0.8508	0.8870	0.9239	0.9616	1.0000
Hrad:					
	0.0183	0.0367	0.0550	0.0733	0.0939
	0.1190	0.1429	0.1666	0.1909	0.2144
	0.2373	0.2597	0.2817	0.3032	0.3245
	0.3455	0.3663	0.3857	0.4026	0.4196
	0.4367	0.4546	0.4728	0.4909	0.5091
	0.5256	0.5423	0.5591	0.5760	0.5930
	0.6101	0.6220	0.6294	0.6378	0.6471
	0.6700	0.6965	0.7229	0.7489	0.7743
	0.7986	0.8173	0.8404	0.8643	0.8878
	0.9109	0.9337	0.9561	0.9782	1.0000
Width:					
	0.0329	0.0658	0.0986	0.1315	0.1601
	0.1785	0.1968	0.2140	0.2293	0.2446
	0.2598	0.2751	0.2904	0.3057	0.3210
	0.3363	0.3516	0.3680	0.3869	0.4057
	0.4246	0.4428	0.4608	0.4788	0.4968
	0.5164	0.5360	0.5556	0.5752	0.5948
	0.6144	0.6396	0.6701	0.7006	0.7311
	0.7465	0.7576	0.7686	0.7826	0.8021
	0.8220	0.8471	0.8673	0.8863	0.9052
	0.9242	0.9431	0.9621	0.9810	1.0000
Transect C113					
Area:					
	0.0010	0.0035	0.0067	0.0107	0.0154
	0.0208	0.0270	0.0339	0.0415	0.0500
	0.0592	0.0690	0.0793	0.0902	0.1016
	0.1136	0.1261	0.1392	0.1528	0.1670
	0.1818	0.1971	0.2140	0.2342	0.2555
	0.2776	0.3006	0.3244	0.3489	0.3737
	0.3987	0.4240	0.4498	0.4761	0.5030
	0.5307	0.5593	0.5902	0.6216	0.6534
	0.6857	0.7184	0.7516	0.7854	0.8198
	0.8548	0.8904	0.9264	0.9630	1.0000
Hrad:					
	0.0189	0.0455	0.0703	0.0931	0.1147
	0.1361	0.1560	0.1751	0.1941	0.2131
	0.2342	0.2585	0.2818	0.3048	0.3273
	0.3495	0.3713	0.3925	0.4135	0.4343
	0.4550	0.4694	0.4639	0.4241	0.4433
	0.4635	0.4840	0.5044	0.5326	0.5652
	0.5975	0.6224	0.6468	0.6709	0.6926
	0.7057	0.7034	0.7077	0.7348	0.7617
	0.7884	0.8138	0.8358	0.8576	0.8793
	0.9025	0.9255	0.9484	0.9729	1.0000
Width:					
	0.0524	0.0777	0.0972	0.1167	0.1363
	0.1553	0.1753	0.1962	0.2171	0.2380
	0.2565	0.2708	0.2854	0.3001	0.3148
	0.3295	0.3443	0.3594	0.3746	0.3897
	0.4049	0.4256	0.5056	0.5599	0.5843
	0.6073	0.6297	0.6521	0.6638	0.6693
	0.6747	0.6882	0.7020	0.7158	0.7320
	0.7575	0.8007	0.8395	0.8509	0.8623
	0.8737	0.8862	0.9024	0.9186	0.9347
	0.9491	0.9635	0.9779	0.9903	1.0000
Transect C114					
Area:					
	0.0028	0.0095	0.0168	0.0246	0.0327
	0.0413	0.0503	0.0598	0.0697	0.0800
	0.0908	0.1020	0.1136	0.1257	0.1382
	0.1515	0.1655	0.1802	0.1956	0.2117
	0.2285	0.2465	0.2659	0.2864	0.3077
	0.3295	0.3518	0.3747	0.3980	0.4219
	0.4463	0.4712	0.4966	0.5224	0.5484
	0.5748	0.6016	0.6288	0.6563	0.6842
	0.7125	0.7411	0.7701	0.8000	0.8308
	0.8627	0.8955	0.9293	0.9641	1.0000
Hrad:					
	0.0187	0.0502	0.0835	0.1151	0.1454
	0.1745	0.2025	0.2298	0.2562	0.2820
	0.3073	0.3320	0.3562	0.3801	0.3973
	0.4129	0.4288	0.4448	0.4610	0.4775
	0.4892	0.4907	0.4944	0.5067	0.5310
	0.5550	0.5788	0.6024	0.6257	0.6488
	0.6718	0.6945	0.7209	0.7480	0.7734
	0.7986	0.8235	0.8482	0.8727	0.8970
	0.9211	0.9449	0.9631	0.9670	0.9718
	0.9775	0.9847	0.9926	1.0010	1.0000
Width:					
	0.1519	0.1934	0.2052	0.2171	0.2289
	0.2407	0.2526	0.2644	0.2762	0.2881
	0.2999	0.3118	0.3236	0.3354	0.3529
	0.3722	0.3915	0.4109	0.4303	0.4497
	0.4740	0.5099	0.5457	0.5738	0.5881
	0.6024	0.6167	0.6310	0.6454	0.6597

	0.6740	0.6883	0.6982	0.7068	0.7169
	0.7269	0.7370	0.7470	0.7570	0.7671
	0.7771	0.7872	0.8019	0.8293	0.8566
	0.8838	0.9103	0.9368	0.9633	1.0000
Transect C116					
Area:					
	0.0004	0.0017	0.0038	0.0068	0.0106
	0.0149	0.0198	0.0254	0.0315	0.0382
	0.0455	0.0532	0.0614	0.0698	0.0786
	0.0876	0.0970	0.1066	0.1165	0.1267
	0.1372	0.1480	0.1591	0.1705	0.1841
	0.1992	0.2151	0.2317	0.2491	0.2673
	0.2883	0.3124	0.3384	0.3665	0.3964
	0.4283	0.4617	0.4958	0.5307	0.5663
	0.6042	0.6444	0.6858	0.7279	0.7708
	0.8146	0.8593	0.9048	0.9514	1.0000
Hrad:					
	0.0248	0.0495	0.0743	0.0991	0.1297
	0.1595	0.1881	0.2160	0.2433	0.2701
	0.2966	0.3310	0.3650	0.4011	0.4365
	0.4711	0.5052	0.5386	0.5715	0.6040
	0.6360	0.6676	0.6988	0.7297	0.7500
	0.7665	0.7840	0.8020	0.8149	0.8228
	0.8252	0.8245	0.8203	0.8165	0.8151
	0.8160	0.6861	0.7192	0.7519	0.7843
	0.7543	0.7812	0.8100	0.8455	0.8790
	0.9122	0.9452	0.9779	0.9917	1.0000
Width:					
	0.0172	0.0345	0.0517	0.0690	0.0815
	0.0935	0.1054	0.1173	0.1292	0.1412
	0.1531	0.1606	0.1679	0.1738	0.1796
	0.1855	0.1914	0.1973	0.2032	0.2091
	0.2150	0.2209	0.2267	0.2326	0.2394
	0.3137	0.3280	0.3423	0.3586	0.3769
	0.4660	0.5055	0.5464	0.5853	0.6242
	0.6631	0.6811	0.6963	0.7115	0.7267
	0.8000	0.8228	0.8436	0.8582	0.8753
	0.8925	0.9097	0.9268	0.9605	1.0000
Transect C16					
Area:					
	0.0011	0.0048	0.0125	0.0220	0.0320
	0.0425	0.0534	0.0649	0.0769	0.0894
	0.1028	0.1169	0.1318	0.1475	0.1640
	0.1815	0.2000	0.2192	0.2391	0.2596
	0.2807	0.3024	0.3248	0.3477	0.3708
	0.3941	0.4175	0.4412	0.4650	0.4890
	0.5132	0.5375	0.5619	0.5865	0.6113
	0.6362	0.6612	0.6864	0.7117	0.7372
	0.7628	0.7885	0.8144	0.8405	0.8667
	0.8930	0.9195	0.9461	0.9728	1.0000
Hrad:					
	0.0139	0.0261	0.0378	0.0631	0.0872
	0.1105	0.1329	0.1546	0.1757	0.1924
	0.2086	0.2246	0.2404	0.2551	0.2682
	0.2816	0.2950	0.3120	0.3301	0.3479
	0.3654	0.3828	0.4000	0.4208	0.4450
	0.4691	0.4930	0.5167	0.5403	0.5636
	0.5874	0.6113	0.6350	0.6586	0.6821
	0.7054	0.7286	0.7516	0.7746	0.7974
	0.8201	0.8426	0.8651	0.8874	0.9096
	0.9317	0.9537	0.9756	0.9973	1.0000
Width:					
	0.0802	0.2058	0.3363	0.3541	0.3719
	0.3898	0.4076	0.4254	0.4433	0.4711
	0.4992	0.5274	0.5555	0.5857	0.6198
	0.6534	0.6868	0.7120	0.7342	0.7563
	0.7785	0.8006	0.8228	0.8370	0.8435
	0.8499	0.8564	0.8629	0.8694	0.8759
	0.8815	0.8867	0.8919	0.8971	0.9024
	0.9076	0.9128	0.9180	0.9233	0.9285
	0.9337	0.9389	0.9442	0.9494	0.9546
	0.9598	0.9651	0.9703	0.9756	1.0000
Transect C25					
Area:					
	0.0069	0.0156	0.0246	0.0340	0.0439
	0.0541	0.0648	0.0759	0.0874	0.0993
	0.1116	0.1243	0.1374	0.1510	0.1649
	0.1793	0.1941	0.2093	0.2249	0.2409
	0.2573	0.2742	0.2915	0.3093	0.3278
	0.3468	0.3664	0.3866	0.4074	0.4288
	0.4508	0.4733	0.4965	0.5203	0.5447
	0.5698	0.5955	0.6220	0.6491	0.6770
	0.7055	0.7347	0.7646	0.7952	0.8265
	0.8584	0.8915	0.9261	0.9623	1.0000
Hrad:					
	0.0316	0.0675	0.1019	0.1350	0.1670
	0.1979	0.2280	0.2573	0.2858	0.3137
	0.3410	0.3678	0.3942	0.4201	0.4456
	0.4707	0.4955	0.5199	0.5438	0.5675
	0.5910	0.6142	0.6359	0.6527	0.6696
	0.6867	0.7039	0.7212	0.7386	0.7561
	0.7737	0.7914	0.8091	0.8269	0.8422
	0.8571	0.8723	0.8876	0.9032	0.9189
	0.9348	0.9508	0.9670	0.9833	0.9997
	1.0139	1.0082	1.0004	0.9949	1.0000
Width:					
	0.2198	0.2306	0.2413	0.2521	0.2628
	0.2735	0.2843	0.2950	0.3057	0.3165
	0.3272	0.3379	0.3487	0.3594	0.3702
	0.3809	0.3916	0.4025	0.4135	0.4244

	0.4354	0.4464	0.4583	0.4738	0.4893
	0.5049	0.5204	0.5359	0.5514	0.5669
	0.5825	0.5980	0.6135	0.6290	0.6466
	0.6646	0.6826	0.7006	0.7186	0.7366
	0.7546	0.7726	0.7906	0.8086	0.8266
	0.8465	0.8842	0.9257	0.9672	1.0000
Transect C36					
Area:	0.0014	0.0049	0.0097	0.0158	0.0227
	0.0302	0.0381	0.0468	0.0582	0.0717
	0.0868	0.1026	0.1188	0.1354	0.1525
	0.1701	0.1881	0.2066	0.2255	0.2449
	0.2648	0.2851	0.3058	0.3269	0.3484
	0.3704	0.3927	0.4155	0.4386	0.4621
	0.4860	0.5102	0.5348	0.5598	0.5851
	0.6108	0.6368	0.6631	0.6898	0.7167
	0.7440	0.7716	0.7995	0.8277	0.8562
	0.8848	0.9134	0.9422	0.9710	1.0000
Hrad:	0.0147	0.0345	0.0517	0.0685	0.0918
	0.1144	0.1360	0.1552	0.1673	0.1780
	0.1624	0.1864	0.2100	0.2330	0.2554
	0.2773	0.2989	0.3201	0.3410	0.3616
	0.3827	0.4037	0.4244	0.4448	0.4650
	0.4851	0.5049	0.5253	0.5458	0.5661
	0.5863	0.6063	0.6261	0.6457	0.6653
	0.6850	0.7056	0.7261	0.7464	0.7665
	0.7866	0.8065	0.8263	0.8460	0.8710
	0.8969	0.9228	0.9486	0.9744	1.0000
Width:	0.0973	0.1425	0.1877	0.2305	0.2479
	0.2639	0.2799	0.3451	0.4309	0.4991
	0.5350	0.5505	0.5659	0.5813	0.5973
	0.6134	0.6294	0.6455	0.6615	0.6776
	0.6921	0.7064	0.7208	0.7351	0.7494
	0.7637	0.7780	0.7911	0.8038	0.8164
	0.8290	0.8417	0.8543	0.8669	0.8796
	0.8917	0.9026	0.9134	0.9243	0.9351
	0.9460	0.9568	0.9677	0.9785	0.9831
	0.9865	0.9898	0.9932	0.9966	1.0000
Transect C50					
Area:	0.0020	0.0078	0.0169	0.0267	0.0369
	0.0476	0.0587	0.0703	0.0824	0.0950
	0.1080	0.1215	0.1354	0.1498	0.1647
	0.1800	0.1958	0.2120	0.2288	0.2460
	0.2636	0.2818	0.3005	0.3196	0.3393
	0.3595	0.3802	0.4013	0.4230	0.4452
	0.4678	0.4910	0.5147	0.5388	0.5635
	0.5887	0.6144	0.6408	0.6678	0.6952
	0.7230	0.7513	0.7799	0.8090	0.8385
	0.8684	0.8988	0.9308	0.9647	1.0000
Hrad:	0.0181	0.0362	0.0642	0.0966	0.1277
	0.1576	0.1866	0.2147	0.2420	0.2687
	0.2947	0.3202	0.3452	0.3698	0.3940
	0.4177	0.4412	0.4643	0.4870	0.5092
	0.5311	0.5523	0.5733	0.5941	0.6148
	0.6354	0.6558	0.6762	0.6964	0.7165
	0.7365	0.7565	0.7764	0.7961	0.8159
	0.8355	0.8507	0.8652	0.8845	0.9062
	0.9278	0.9492	0.9705	0.9917	1.0127
	1.0336	1.0387	1.0111	0.9916	1.0000
Width:	0.1094	0.2187	0.2663	0.2792	0.2922
	0.3052	0.3181	0.3311	0.3441	0.3571
	0.3700	0.3830	0.3960	0.4089	0.4219
	0.4349	0.4478	0.4608	0.4739	0.4873
	0.5008	0.5147	0.5287	0.5426	0.5566
	0.5706	0.5846	0.5985	0.6125	0.6265
	0.6404	0.6544	0.6684	0.6823	0.6963
	0.7103	0.7280	0.7466	0.7606	0.7722
	0.7837	0.7952	0.8067	0.8182	0.8298
	0.8413	0.8659	0.9211	0.9733	1.0000
Transect C57					
Area:	0.0025	0.0100	0.0195	0.0296	0.0402
	0.0514	0.0631	0.0753	0.0881	0.1014
	0.1153	0.1297	0.1446	0.1601	0.1761
	0.1927	0.2098	0.2274	0.2455	0.2641
	0.2831	0.3023	0.3218	0.3416	0.3617
	0.3821	0.4027	0.4237	0.4449	0.4665
	0.4883	0.5105	0.5332	0.5562	0.5797
	0.6036	0.6279	0.6526	0.6778	0.7033
	0.7293	0.7559	0.7835	0.8121	0.8417
	0.8722	0.9033	0.9350	0.9672	1.0000
Hrad:	0.0169	0.0365	0.0673	0.0967	0.1247
	0.1518	0.1778	0.2031	0.2277	0.2516
	0.2751	0.2980	0.3205	0.3426	0.3643
	0.3861	0.4078	0.4293	0.4506	0.4738
	0.4995	0.5249	0.5499	0.5747	0.5992
	0.6234	0.6474	0.6711	0.6946	0.7179
	0.7395	0.7582	0.7768	0.7953	0.8138
	0.8321	0.8504	0.8685	0.8867	0.9047
	0.9227	0.9240	0.9240	0.9252	0.9273
	0.9359	0.9519	0.9679	0.9840	1.0000
Width:	0.1525	0.2798	0.2962	0.3127	0.3291
	0.3455	0.3619	0.3783	0.3947	0.4111

	0.4275	0.4439	0.4603	0.4767	0.4932
	0.5091	0.5246	0.5402	0.5557	0.5682
	0.5769	0.5857	0.5944	0.6032	0.6119
	0.6207	0.6294	0.6382	0.6469	0.6556
	0.6658	0.6784	0.6910	0.7036	0.7162
	0.7288	0.7415	0.7541	0.7667	0.7793
	0.7919	0.8195	0.8493	0.8792	0.9090
	0.9331	0.9498	0.9665	0.9833	1.0000
Transect C70					
Area:					
	0.0002	0.0007	0.0015	0.0027	0.0051
	0.0099	0.0173	0.0278	0.0433	0.0599
	0.0768	0.0939	0.1114	0.1291	0.1472
	0.1657	0.1846	0.2038	0.2233	0.2431
	0.2632	0.2836	0.3044	0.3256	0.3471
	0.3690	0.3911	0.4135	0.4363	0.4593
	0.4826	0.5063	0.5303	0.5546	0.5793
	0.6045	0.6303	0.6571	0.6846	0.7124
	0.7404	0.7685	0.7968	0.8253	0.8540
	0.8828	0.9118	0.9409	0.9702	1.0000
Hrad:					
	0.0153	0.0305	0.0458	0.0610	0.0635
	0.0641	0.0718	0.0807	0.0801	0.1091
	0.1376	0.1656	0.1927	0.2194	0.2442
	0.2682	0.2940	0.3194	0.3446	0.3697
	0.3945	0.4163	0.4378	0.4607	0.4833
	0.5066	0.5298	0.5526	0.5750	0.5972
	0.6188	0.6401	0.6609	0.6812	0.6990
	0.7134	0.7278	0.7253	0.7441	0.7684
	0.7932	0.8177	0.8422	0.8671	0.8920
	0.9168	0.9414	0.9660	0.9835	1.0000
Width:					
	0.0114	0.0229	0.0343	0.0457	0.1145
	0.2010	0.2939	0.4215	0.5507	0.5591
	0.5676	0.5763	0.5866	0.5969	0.6111
	0.6262	0.6360	0.6459	0.6555	0.6647
	0.6740	0.6879	0.7018	0.7131	0.7243
	0.7341	0.7438	0.7536	0.7637	0.7738
	0.7845	0.7952	0.8064	0.8180	0.8324
	0.8510	0.8695	0.9098	0.9238	0.9304
	0.9364	0.9424	0.9484	0.9538	0.9589
	0.9641	0.9692	0.9744	0.9867	1.0000
Transect C72					
Area:					
	0.0006	0.0025	0.0056	0.0106	0.0184
	0.0282	0.0398	0.0523	0.0656	0.0799
	0.0948	0.1103	0.1265	0.1436	0.1621
	0.1818	0.2025	0.2239	0.2457	0.2680
	0.2908	0.3138	0.3370	0.3603	0.3836
	0.4071	0.4307	0.4543	0.4781	0.5019
	0.5259	0.5500	0.5741	0.5984	0.6227
	0.6472	0.6718	0.6964	0.7212	0.7460
	0.7710	0.7960	0.8212	0.8464	0.8718
	0.8972	0.9228	0.9484	0.9742	1.0000
Hrad:					
	0.0131	0.0263	0.0394	0.0409	0.0546
	0.0689	0.0866	0.1061	0.1247	0.1440
	0.1636	0.1826	0.2012	0.2108	0.2221
	0.2358	0.2521	0.2723	0.2922	0.3118
	0.3312	0.3557	0.3802	0.4045	0.4287
	0.4528	0.4768	0.5007	0.5244	0.5481
	0.5716	0.5950	0.6184	0.6416	0.6647
	0.6877	0.7106	0.7334	0.7562	0.7788
	0.8013	0.8238	0.8461	0.8683	0.8905
	0.9126	0.9346	0.9565	0.9783	1.0000
Width:					
	0.0481	0.0963	0.1444	0.2622	0.3419
	0.4157	0.4657	0.4998	0.5340	0.5625
	0.5875	0.6125	0.6375	0.6907	0.7402
	0.7817	0.8144	0.8330	0.8517	0.8704
	0.8890	0.8928	0.8967	0.9005	0.9043
	0.9081	0.9120	0.9158	0.9196	0.9234
	0.9273	0.9311	0.9349	0.9388	0.9426
	0.9464	0.9502	0.9541	0.9579	0.9617
	0.9656	0.9694	0.9732	0.9770	0.9809
	0.9847	0.9885	0.9923	0.9962	1.0000
Transect C80					
Area:					
	0.0012	0.0046	0.0105	0.0182	0.0264
	0.0351	0.0441	0.0536	0.0635	0.0739
	0.0846	0.0958	0.1074	0.1193	0.1318
	0.1446	0.1578	0.1713	0.1853	0.1997
	0.2144	0.2296	0.2451	0.2610	0.2774
	0.2943	0.3115	0.3293	0.3474	0.3660
	0.3851	0.4045	0.4246	0.4452	0.4663
	0.4881	0.5103	0.5333	0.5573	0.5824
	0.6085	0.6378	0.6779	0.7213	0.7656
	0.8106	0.8565	0.9033	0.9512	1.0000
Hrad:					
	0.0248	0.0497	0.0745	0.1123	0.1550
	0.1959	0.2352	0.2732	0.3100	0.3459
	0.3808	0.4149	0.4483	0.4810	0.5134
	0.5462	0.5785	0.6103	0.6416	0.6726
	0.7032	0.7334	0.7623	0.7897	0.8168
	0.8438	0.8707	0.8974	0.9241	0.9506
	0.9770	1.0011	1.0214	1.0420	1.0628
	1.0837	1.1049	1.1126	1.1112	1.1120
	1.1148	0.8397	0.7821	0.8106	0.8453
	0.8796	0.9116	0.9413	0.9707	1.0000
Width:					

	0.0471	0.0942	0.1413	0.1628	0.1712
	0.1797	0.1881	0.1966	0.2050	0.2135
	0.2220	0.2304	0.2389	0.2473	0.2556
	0.2635	0.2713	0.2792	0.2870	0.2949
	0.3027	0.3106	0.3189	0.3278	0.3367
	0.3457	0.3546	0.3635	0.3724	0.3814
	0.3903	0.4001	0.4116	0.4231	0.4345
	0.4460	0.4575	0.4749	0.4972	0.5195
	0.5418	0.7575	0.8656	0.8889	0.9049
	0.9209	0.9390	0.9593	0.9797	1.0000

Transect C81

Area:	0.0005	0.0021	0.0047	0.0084	0.0132
	0.0190	0.0258	0.0337	0.0427	0.0527
	0.0637	0.0759	0.0890	0.1031	0.1180
	0.1336	0.1499	0.1671	0.1851	0.2038
	0.2233	0.2435	0.2646	0.2864	0.3090
	0.3323	0.3561	0.3801	0.4044	0.4290
	0.4538	0.4789	0.5043	0.5300	0.5560
	0.5822	0.6087	0.6354	0.6625	0.6898
	0.7174	0.7453	0.7735	0.8022	0.8316
	0.8621	0.8942	0.9278	0.9631	1.0000

Hrad:	0.0190	0.0380	0.0570	0.0760	0.0950
	0.1139	0.1329	0.1519	0.1709	0.1899
	0.2089	0.2279	0.2469	0.2711	0.2943
	0.3171	0.3395	0.3616	0.3835	0.4051
	0.4265	0.4477	0.4688	0.4897	0.5105
	0.5346	0.5659	0.5969	0.6276	0.6580
	0.6882	0.7181	0.7477	0.7770	0.8061
	0.8350	0.8637	0.8921	0.9203	0.9483
	0.9761	1.0037	1.0245	1.0396	1.0549
	1.0696	1.0829	1.0950	1.1063	1.0000

Width:	0.0280	0.0559	0.0839	0.1118	0.1398
	0.1677	0.1957	0.2236	0.2516	0.2795
	0.3075	0.3355	0.3634	0.3832	0.4039
	0.4245	0.4451	0.4657	0.4863	0.5069
	0.5275	0.5481	0.5687	0.5893	0.6099
	0.6264	0.6337	0.6409	0.6482	0.6555
	0.6628	0.6701	0.6774	0.6847	0.6920
	0.6993	0.7066	0.7138	0.7211	0.7284
	0.7357	0.7430	0.7553	0.7718	0.7883
	0.8295	0.8721	0.9148	0.9574	1.0000

Transect C85

Area:	0.0026	0.0095	0.0171	0.0249	0.0332
	0.0417	0.0505	0.0597	0.0692	0.0790
	0.0892	0.0996	0.1104	0.1215	0.1329
	0.1447	0.1568	0.1692	0.1819	0.1949
	0.2083	0.2221	0.2362	0.2507	0.2655
	0.2807	0.2962	0.3122	0.3287	0.3457
	0.3631	0.3809	0.3993	0.4181	0.4374
	0.4574	0.4784	0.5006	0.5237	0.5484
	0.5764	0.6084	0.6480	0.6914	0.7376
	0.7866	0.8375	0.8904	0.9448	1.0000

Hrad:	0.0280	0.0717	0.1233	0.1728	0.2206
	0.2668	0.3115	0.3551	0.3974	0.4388
	0.4792	0.5188	0.5576	0.5958	0.6333
	0.6702	0.7066	0.7425	0.7779	0.8111
	0.8439	0.8764	0.9086	0.9406	0.9724
	1.0039	1.0315	1.0560	1.0807	1.1055
	1.1305	1.1556	1.1809	1.2062	1.2316
	1.2253	1.2197	1.2172	1.2174	1.1584
	1.0671	1.0067	0.8601	0.8570	0.8597
	0.8749	0.8963	0.9182	0.9586	1.0000

Width:	0.0937	0.1334	0.1391	0.1449	0.1507
	0.1565	0.1623	0.1681	0.1739	0.1797
	0.1855	0.1913	0.1971	0.2029	0.2087
	0.2144	0.2202	0.2260	0.2318	0.2382
	0.2446	0.2510	0.2574	0.2638	0.2702
	0.2766	0.2840	0.2925	0.3009	0.3093
	0.3177	0.3261	0.3345	0.3430	0.3514
	0.3696	0.3887	0.4077	0.4268	0.4703
	0.5376	0.6453	0.7529	0.8068	0.8584
	0.8998	0.9354	0.9711	0.9864	1.0000

Transect C87

Area:	0.0010	0.0041	0.0092	0.0158	0.0235
	0.0324	0.0423	0.0531	0.0650	0.0778
	0.0915	0.1060	0.1212	0.1372	0.1540
	0.1712	0.1889	0.2070	0.2254	0.2444
	0.2637	0.2834	0.3036	0.3241	0.3451
	0.3664	0.3882	0.4102	0.4327	0.4555
	0.4787	0.5022	0.5261	0.5504	0.5750
	0.6001	0.6256	0.6514	0.6777	0.7044
	0.7316	0.7593	0.7874	0.8160	0.8452
	0.8749	0.9052	0.9361	0.9677	1.0000

Hrad:	0.0163	0.0327	0.0511	0.0723	0.0921
	0.1125	0.1330	0.1527	0.1720	0.1915
	0.2126	0.2331	0.2532	0.2730	0.2956
	0.3207	0.3454	0.3697	0.3936	0.4173
	0.4408	0.4642	0.4874	0.5103	0.5329
	0.5554	0.5786	0.6017	0.6245	0.6472
	0.6696	0.6919	0.7132	0.7342	0.7551
	0.7758	0.7964	0.8165	0.8348	0.8530
	0.8711	0.8892	0.9065	0.9218	0.9372

	0.9527	0.9672	0.9779	0.9888	1.0000
Width:	0.0631	0.1263	0.1811	0.2180	0.2550
	0.2880	0.3181	0.3481	0.3782	0.4066
	0.4307	0.4547	0.4788	0.5028	0.5210
	0.5341	0.5470	0.5599	0.5728	0.5857
	0.5983	0.6106	0.6230	0.6353	0.6476
	0.6599	0.6709	0.6819	0.6928	0.7038
	0.7148	0.7258	0.7376	0.7496	0.7615
	0.7735	0.7854	0.7977	0.8117	0.8257
	0.8398	0.8538	0.8685	0.8851	0.9017
	0.9183	0.9358	0.9572	0.9786	1.0000
Transect C89					
Area:	0.0005	0.0018	0.0041	0.0073	0.0114
	0.0171	0.0254	0.0350	0.0458	0.0576
	0.0703	0.0839	0.0984	0.1138	0.1303
	0.1477	0.1657	0.1841	0.2031	0.2225
	0.2422	0.2623	0.2828	0.3037	0.3249
	0.3465	0.3685	0.3909	0.4136	0.4368
	0.4603	0.4842	0.5086	0.5335	0.5588
	0.5846	0.6108	0.6375	0.6646	0.6922
	0.7202	0.7487	0.7777	0.8074	0.8376
	0.8685	0.9001	0.9324	0.9655	1.0000
Hrad:	0.0176	0.0352	0.0528	0.0703	0.0882
	0.0784	0.1002	0.1209	0.1424	0.1656
	0.1881	0.2099	0.2312	0.2515	0.2703
	0.2933	0.3201	0.3464	0.3723	0.3999
	0.4274	0.4545	0.4813	0.5077	0.5339
	0.5594	0.5845	0.6094	0.6340	0.6584
	0.6826	0.7048	0.7265	0.7480	0.7693
	0.7906	0.8122	0.8337	0.8552	0.8765
	0.8977	0.9154	0.9317	0.9481	0.9645
	0.9781	0.9914	1.0049	1.0056	1.0000
Width:	0.0259	0.0517	0.0776	0.1034	0.1288
	0.2185	0.2541	0.2897	0.3217	0.3477
	0.3737	0.3997	0.4257	0.4528	0.4821
	0.5037	0.5176	0.5316	0.5455	0.5563
	0.5667	0.5772	0.5876	0.5981	0.6085
	0.6194	0.6303	0.6413	0.6523	0.6632
	0.6742	0.6869	0.7000	0.7131	0.7262
	0.7393	0.7519	0.7645	0.7770	0.7895
	0.8021	0.8177	0.8345	0.8514	0.8683
	0.8878	0.9078	0.9277	0.9601	1.0000
Transect C91					
Area:	0.0066	0.0151	0.0241	0.0337	0.0438
	0.0545	0.0658	0.0776	0.0899	0.1028
	0.1163	0.1303	0.1448	0.1599	0.1756
	0.1918	0.2084	0.2254	0.2426	0.2603
	0.2782	0.2965	0.3151	0.3340	0.3532
	0.3729	0.3930	0.4135	0.4345	0.4559
	0.4778	0.5001	0.5229	0.5461	0.5699
	0.5942	0.6190	0.6443	0.6702	0.6967
	0.7237	0.7513	0.7795	0.8084	0.8380
	0.8682	0.8990	0.9311	0.9647	1.0000
Hrad:	0.0311	0.0668	0.1004	0.1324	0.1629
	0.1923	0.2207	0.2482	0.2750	0.3010
	0.3266	0.3516	0.3761	0.3997	0.4228
	0.4476	0.4750	0.5018	0.5281	0.5540
	0.5795	0.6046	0.6293	0.6536	0.6776
	0.6978	0.7176	0.7372	0.7568	0.7762
	0.7955	0.8147	0.8338	0.8520	0.8679
	0.8838	0.8998	0.9159	0.9320	0.9482
	0.9642	0.9768	0.9896	1.0027	1.0160
	1.0295	1.0399	1.0279	1.0185	1.0000
Width:	0.2260	0.2411	0.2562	0.2713	0.2864
	0.3015	0.3166	0.3318	0.3469	0.3620
	0.3771	0.3922	0.4073	0.4230	0.4390
	0.4521	0.4612	0.4703	0.4794	0.4885
	0.4976	0.5067	0.5158	0.5249	0.5340
	0.5461	0.5584	0.5707	0.5830	0.5953
	0.6076	0.6199	0.6322	0.6451	0.6600
	0.6748	0.6897	0.7045	0.7194	0.7343
	0.7493	0.7673	0.7853	0.8033	0.8213
	0.8394	0.8602	0.9027	0.9452	1.0000
Transect C93					
Area:	0.0014	0.0055	0.0109	0.0174	0.0246
	0.0322	0.0402	0.0486	0.0574	0.0666
	0.0763	0.0863	0.0968	0.1076	0.1189
	0.1306	0.1427	0.1552	0.1682	0.1816
	0.1955	0.2098	0.2245	0.2397	0.2555
	0.2717	0.2883	0.3055	0.3234	0.3422
	0.3619	0.3826	0.4043	0.4283	0.4544
	0.4819	0.5110	0.5424	0.5766	0.6116
	0.6471	0.6830	0.7195	0.7565	0.7941
	0.8321	0.8708	0.9107	0.9519	1.0000
Hrad:	0.0261	0.0570	0.0955	0.1305	0.1729
	0.2141	0.2537	0.2919	0.3289	0.3648
	0.3999	0.4342	0.4678	0.5007	0.5331
	0.5651	0.5965	0.6258	0.6549	0.6838
	0.7124	0.7409	0.7691	0.7961	0.8217
	0.8473	0.8729	0.8985	0.9069	0.9123
	0.9196	0.9286	0.9157	0.8737	0.8736

	0.8781	0.8738	0.8563	0.8515	0.8971
	0.9355	0.9736	1.0113	1.0487	1.0857
	1.1225	1.1449	1.1607	1.1658	1.0000
Width:					
	0.0504	0.0908	0.1084	0.1259	0.1341
	0.1415	0.1490	0.1564	0.1638	0.1713
	0.1787	0.1862	0.1936	0.2010	0.2085
	0.2159	0.2234	0.2315	0.2396	0.2477
	0.2558	0.2640	0.2721	0.2806	0.2897
	0.2987	0.3077	0.3168	0.3323	0.3497
	0.3670	0.3844	0.4123	0.4583	0.4865
	0.5136	0.5476	0.5936	0.6349	0.6392
	0.6485	0.6579	0.6672	0.6766	0.6860
	0.6953	0.7136	0.7364	0.7666	1.0000
Transect C95					
Area:					
	0.0009	0.0035	0.0080	0.0142	0.0222
	0.0317	0.0418	0.0525	0.0636	0.0752
	0.0873	0.0999	0.1128	0.1260	0.1396
	0.1535	0.1677	0.1823	0.1971	0.2123
	0.2279	0.2438	0.2600	0.2765	0.2934
	0.3106	0.3281	0.3459	0.3641	0.3826
	0.4015	0.4209	0.4409	0.4616	0.4830
	0.5052	0.5282	0.5519	0.5764	0.6017
	0.6294	0.6601	0.6934	0.7290	0.7667
	0.8074	0.8517	0.8992	0.9488	1.0000
Hrad:					
	0.0262	0.0524	0.0785	0.1047	0.1309
	0.1680	0.2109	0.2522	0.2921	0.3308
	0.3684	0.4086	0.4494	0.4893	0.5286
	0.5672	0.6051	0.6425	0.6793	0.7156
	0.7515	0.7868	0.8218	0.8564	0.8906
	0.9244	0.9580	0.9912	1.0241	1.0568
	1.0828	1.1010	1.1197	1.1319	1.1431
	1.1554	1.1686	1.1826	1.1973	1.1899
	1.1149	1.0695	1.0405	1.0343	1.0216
	0.9852	0.9639	0.9601	0.9798	1.0000
Width:					
	0.0341	0.0682	0.1023	0.1364	0.1704
	0.1898	0.1993	0.2088	0.2183	0.2279
	0.2374	0.2447	0.2510	0.2573	0.2637
	0.2700	0.2764	0.2827	0.2890	0.2954
	0.3017	0.3080	0.3144	0.3207	0.3271
	0.3334	0.3397	0.3461	0.3524	0.3588
	0.3673	0.3788	0.3902	0.4042	0.4189
	0.4337	0.4484	0.4631	0.4778	0.5022
	0.5615	0.6144	0.6639	0.7025	0.7485
	0.8181	0.8827	0.9361	0.9681	1.0000
Transect C96					
Area:					
	0.0005	0.0020	0.0045	0.0080	0.0126
	0.0179	0.0236	0.0296	0.0360	0.0426
	0.0496	0.0569	0.0645	0.0724	0.0807
	0.0940	0.1107	0.1319	0.1535	0.1755
	0.1979	0.2206	0.2438	0.2673	0.2914
	0.3159	0.3408	0.3661	0.3916	0.4175
	0.4438	0.4703	0.4972	0.5244	0.5519
	0.5798	0.6080	0.6365	0.6652	0.6943
	0.7237	0.7533	0.7832	0.8134	0.8439
	0.8746	0.9056	0.9368	0.9683	1.0000
Hrad:					
	0.0160	0.0319	0.0479	0.0639	0.0798
	0.1030	0.1284	0.1527	0.1762	0.1989
	0.2210	0.2425	0.2636	0.2842	0.3038
	0.3043	0.2334	0.1960	0.2243	0.2522
	0.2798	0.3069	0.3325	0.3576	0.3824
	0.4069	0.4332	0.4592	0.4850	0.5105
	0.5357	0.5609	0.5858	0.6105	0.6350
	0.6594	0.6836	0.7084	0.7330	0.7574
	0.7816	0.8057	0.8296	0.8544	0.8790
	0.9035	0.9278	0.9520	0.9761	1.0000
Width:					
	0.0315	0.0631	0.0946	0.1262	0.1577
	0.1742	0.1841	0.1940	0.2039	0.2138
	0.2237	0.2336	0.2435	0.2534	0.3065
	0.4567	0.6405	0.6734	0.6848	0.6962
	0.7077	0.7191	0.7333	0.7479	0.7625
	0.7768	0.7872	0.7976	0.8079	0.8183
	0.8287	0.8389	0.8491	0.8593	0.8695
	0.8797	0.8897	0.8988	0.9079	0.9171
	0.9262	0.9353	0.9444	0.9523	0.9603
	0.9682	0.9762	0.9841	0.9921	1.0000
Transect C99					
Area:					
	0.0003	0.0013	0.0030	0.0053	0.0082
	0.0117	0.0157	0.0202	0.0253	0.0308
	0.0370	0.0439	0.0516	0.0601	0.0690
	0.0783	0.0881	0.0983	0.1089	0.1199
	0.1360	0.1539	0.1732	0.1942	0.2187
	0.2444	0.2705	0.2970	0.3239	0.3512
	0.3790	0.4073	0.4361	0.4655	0.4955
	0.5262	0.5576	0.5897	0.6221	0.6549
	0.6880	0.7214	0.7551	0.7891	0.8235
	0.8581	0.8931	0.9284	0.9641	1.0000
Hrad:					
	0.0180	0.0360	0.0540	0.0720	0.0922
	0.1126	0.1324	0.1518	0.1709	0.1902
	0.2042	0.2156	0.2284	0.2485	0.2719
	0.2948	0.3173	0.3394	0.3611	0.3825
	0.3866	0.3920	0.3998	0.3804	0.3081

Width:	0.3404	0.3723	0.4019	0.4309	0.4597
	0.4881	0.5148	0.5404	0.5657	0.5903
	0.6123	0.6342	0.6594	0.6890	0.7183
	0.7474	0.7763	0.8050	0.8335	0.8617
	0.8897	0.9176	0.9452	0.9727	1.0000
	0.0183	0.0366	0.0548	0.0731	0.0889
	0.1035	0.1181	0.1327	0.1473	0.1615
	0.1804	0.2028	0.2252	0.2409	0.2526
	0.2644	0.2762	0.2880	0.2998	0.3325
	0.4767	0.5157	0.5519	0.6187	0.7095
Hrad:	0.7178	0.7262	0.7386	0.7511	0.7637
	0.7762	0.7909	0.8068	0.8228	0.8395
	0.8594	0.8794	0.8944	0.9031	0.9119
	0.9206	0.9293	0.9380	0.9468	0.9557
	0.9645	0.9734	0.9823	0.9911	1.0000
Transect T-C108					
Area:					
Hrad:	0.0013	0.0048	0.0106	0.0188	0.0302
	0.0442	0.0606	0.0787	0.0970	0.1156
	0.1344	0.1534	0.1729	0.1928	0.2128
	0.2329	0.2531	0.2733	0.2936	0.3139
	0.3344	0.3548	0.3754	0.3960	0.4168
	0.4377	0.4587	0.4798	0.5011	0.5225
	0.5441	0.5659	0.5882	0.6112	0.6345
	0.6579	0.6815	0.7052	0.7290	0.7529
	0.7768	0.8009	0.8251	0.8495	0.8740
	0.8986	0.9235	0.9486	0.9741	1.0000
Width:	0.0162	0.0312	0.0423	0.0573	0.0637
	0.0812	0.0920	0.1177	0.1431	0.1682
	0.1930	0.2177	0.2382	0.2618	0.2876
	0.3133	0.3387	0.3641	0.3892	0.4142
	0.4391	0.4638	0.4881	0.5113	0.5343
	0.5572	0.5799	0.6024	0.6246	0.6446
	0.6644	0.6841	0.6805	0.6995	0.7183
	0.7382	0.7604	0.7826	0.8046	0.8265
	0.8483	0.8700	0.8913	0.9104	0.9295
	0.9484	0.9673	0.9784	0.9873	1.0000
Hrad:	0.0867	0.1737	0.2631	0.3522	0.5094
	0.5810	0.6884	0.6979	0.7074	0.7169
	0.7264	0.7349	0.7567	0.7670	0.7695
	0.7720	0.7744	0.7769	0.7793	0.7818
	0.7843	0.7867	0.7897	0.7942	0.7988
	0.8034	0.8080	0.8126	0.8174	0.8249
	0.8325	0.8401	0.8778	0.8865	0.8953
	0.9026	0.9065	0.9104	0.9143	0.9182
	0.9221	0.9260	0.9302	0.9367	0.9431
	0.9495	0.9560	0.9703	0.9871	1.0000
Transect T-C118					
Area:					
Hrad:	0.0033	0.0077	0.0127	0.0185	0.0259
	0.0358	0.0465	0.0582	0.0711	0.0868
	0.1055	0.1252	0.1454	0.1660	0.1870
	0.2083	0.2300	0.2519	0.2739	0.2961
	0.3183	0.3407	0.3633	0.3859	0.4087
	0.4316	0.4546	0.4777	0.5010	0.5243
	0.5478	0.5713	0.5948	0.6183	0.6419
	0.6655	0.6892	0.7129	0.7366	0.7604
	0.7842	0.8080	0.8319	0.8558	0.8797
	0.9037	0.9277	0.9518	0.9759	1.0000
Width:	0.0196	0.0400	0.0586	0.0718	0.0671
	0.0848	0.1011	0.1159	0.1250	0.1171
	0.1337	0.1523	0.1737	0.1948	0.2156
	0.2360	0.2563	0.2790	0.3017	0.3242
	0.3465	0.3688	0.3909	0.4129	0.4348
	0.4566	0.4782	0.4997	0.5212	0.5427
	0.5660	0.5892	0.6124	0.6355	0.6586
	0.6817	0.7047	0.7277	0.7506	0.7735
	0.7963	0.8191	0.8419	0.8646	0.8873
	0.9099	0.9325	0.9550	0.9775	1.0000
Hrad:	0.1708	0.1953	0.2198	0.2604	0.3900
	0.4258	0.4641	0.5073	0.5744	0.7492
	0.7967	0.8302	0.8452	0.8603	0.8753
	0.8904	0.9052	0.9102	0.9153	0.9203
	0.9254	0.9304	0.9355	0.9406	0.9456
	0.9507	0.9557	0.9608	0.9658	0.9705
	0.9720	0.9734	0.9749	0.9764	0.9779
	0.9793	0.9808	0.9823	0.9838	0.9852
	0.9867	0.9882	0.9897	0.9911	0.9926
	0.9941	0.9956	0.9970	0.9985	1.0000
Transect T-C1450_1					
Area:					
Hrad:	0.0002	0.0006	0.0014	0.0024	0.0040
	0.0066	0.0105	0.0155	0.0212	0.0274
	0.0347	0.0439	0.0545	0.0663	0.0792
	0.0926	0.1064	0.1212	0.1374	0.1554
	0.1746	0.1949	0.2163	0.2391	0.2629
	0.2874	0.3126	0.3387	0.3655	0.3926
	0.4199	0.4473	0.4749	0.5031	0.5322
	0.5623	0.5926	0.6231	0.6538	0.6846
	0.7155	0.7465	0.7777	0.8090	0.8405
	0.8723	0.9041	0.9360	0.9680	1.0000
Hrad:	0.0160	0.0321	0.0507	0.0653	0.0631
	0.0636	0.0799	0.0944	0.1141	0.1408
	0.1615	0.1649	0.1830	0.1944	0.2030

Width:	0.2275	0.2523	0.2746	0.2856	0.2640
	0.2934	0.3207	0.3460	0.3696	0.3927
	0.4155	0.4382	0.4574	0.4340	0.4639
	0.4933	0.5226	0.5451	0.5716	0.5981
	0.5973	0.6252	0.6535	0.6825	0.7117
	0.7409	0.7700	0.7989	0.8278	0.8489
	0.8794	0.9096	0.9398	0.9699	1.0000
	0.0097	0.0194	0.0274	0.0364	0.0641
	0.1036	0.1413	0.1647	0.1861	0.2072
	0.2554	0.3060	0.3489	0.3898	0.4106
Transect T-C61 Area:	0.4237	0.4428	0.4823	0.5284	0.5892
	0.6188	0.6451	0.6941	0.7289	0.7519
	0.7792	0.7960	0.8286	0.8430	0.8472
	0.8518	0.8566	0.8720	0.8891	0.9290
	0.9421	0.9486	0.9542	0.9587	0.9626
	0.9664	0.9703	0.9742	0.9780	0.9907
	0.9925	0.9943	0.9962	0.9981	1.0000
	0.0027	0.0075	0.0149	0.0282	0.0418
	0.0557	0.0698	0.0842	0.0989	0.1139
	0.1292	0.1449	0.1612	0.1780	0.1955
Hrad:	0.2134	0.2316	0.2502	0.2692	0.2886
	0.3084	0.3287	0.3495	0.3706	0.3921
	0.4139	0.4362	0.4589	0.4822	0.5060
	0.5300	0.5540	0.5781	0.6023	0.6266
	0.6510	0.6754	0.6999	0.7245	0.7492
	0.7739	0.7987	0.8236	0.8485	0.8736
	0.8987	0.9239	0.9492	0.9745	1.0000
	0.0161	0.0376	0.0298	0.0551	0.0799
	0.1041	0.1280	0.1514	0.1744	0.1970
	0.2193	0.2371	0.2541	0.2709	0.2883
Width:	0.3089	0.3292	0.3490	0.3666	0.3840
	0.4012	0.4182	0.4351	0.4542	0.4735
	0.4908	0.5056	0.5203	0.5350	0.5515
	0.5751	0.5986	0.6220	0.6453	0.6684
	0.6914	0.7144	0.7372	0.7598	0.7824
	0.8049	0.8272	0.8495	0.8716	0.8937
	0.9156	0.9374	0.9584	0.9792	1.0000
	0.1718	0.2047	0.5155	0.5265	0.5375
	0.5486	0.5596	0.5707	0.5817	0.5927
	0.6038	0.6261	0.6497	0.6734	0.6948
Transect T-C68 Area:	0.7077	0.7206	0.7340	0.7517	0.7693
	0.7869	0.8046	0.8222	0.8352	0.8473
	0.8627	0.8824	0.9022	0.9219	0.9380
	0.9410	0.9439	0.9469	0.9499	0.9528
	0.9558	0.9588	0.9618	0.9647	0.9677
	0.9707	0.9736	0.9766	0.9796	0.9825
	0.9855	0.9885	0.9923	0.9962	1.0000
	0.0071	0.0144	0.0220	0.0298	0.0378
	0.0461	0.0546	0.0634	0.0724	0.0817
	0.0911	0.1009	0.1108	0.1211	0.1315
Hrad:	0.1422	0.1531	0.1643	0.1757	0.1874
	0.1993	0.2118	0.2247	0.2382	0.2521
	0.2666	0.2815	0.2970	0.3130	0.3296
	0.3468	0.3647	0.3851	0.4096	0.4373
	0.4664	0.4961	0.5266	0.5579	0.5901
	0.6232	0.6571	0.6935	0.7328	0.7748
	0.8195	0.8645	0.9096	0.9548	1.0000
	0.0446	0.0877	0.1295	0.1702	0.2098
	0.2483	0.2860	0.3229	0.3590	0.3944
	0.4291	0.4633	0.4969	0.5299	0.5625
Width:	0.5947	0.6264	0.6577	0.6886	0.7192
	0.7393	0.7542	0.7697	0.7856	0.8021
	0.8190	0.8362	0.8538	0.8678	0.8803
	0.8936	0.9075	0.9158	0.9154	0.6899
	0.7179	0.7456	0.7712	0.7949	0.8185
	0.8420	0.8579	0.8254	0.8179	0.8027
	0.8247	0.8686	0.9125	0.9563	1.0000
	0.1592	0.1645	0.1698	0.1751	0.1804
	0.1857	0.1911	0.1964	0.2017	0.2070
	0.2123	0.2176	0.2230	0.2283	0.2336
Transect T-C74 Area:	0.2389	0.2442	0.2495	0.2549	0.2602
	0.2692	0.2804	0.2916	0.3027	0.3139
	0.3251	0.3362	0.3474	0.3602	0.3739
	0.3877	0.4014	0.5055	0.5793	0.6337
	0.6495	0.6652	0.6826	0.7017	0.7208
	0.7399	0.7658	0.8401	0.8959	0.9654
	0.9938	0.9954	0.9969	0.9985	1.0000
	0.0006	0.0026	0.0057	0.0095	0.0138
	0.0186	0.0240	0.0298	0.0362	0.0430
	0.0505	0.0589	0.0686	0.0793	0.0911
Hrad:	0.1039	0.1177	0.1330	0.1500	0.1681
	0.1870	0.2067	0.2271	0.2483	0.2701
	0.2924	0.3152	0.3386	0.3625	0.3870
	0.4120	0.4375	0.4635	0.4902	0.5174
	0.5451	0.5734	0.6023	0.6318	0.6618
	0.6926	0.7242	0.7566	0.7897	0.8236
	0.8582	0.8932	0.9285	0.9641	1.0000
	0.0181	0.0362	0.0582	0.0848	0.1099

	0.1327	0.1550	0.1766	0.1977	0.2183
	0.2306	0.2350	0.2425	0.2538	0.2678
	0.2825	0.2970	0.2977	0.3064	0.3288
	0.3508	0.3726	0.3936	0.4176	0.4432
	0.4684	0.4932	0.5178	0.5420	0.5660
	0.5898	0.6131	0.6358	0.6583	0.6806
	0.7027	0.7247	0.7465	0.7682	0.7855
	0.8021	0.8187	0.8353	0.8520	0.8688
	0.8895	0.9175	0.9452	0.9727	1.0000
	Width:				
	0.0355	0.0711	0.0984	0.1126	0.1267
	0.1409	0.1551	0.1692	0.1834	0.1976
	0.2193	0.2515	0.2836	0.3136	0.3414
	0.3692	0.3978	0.4483	0.4915	0.5133
	0.5350	0.5568	0.5792	0.5969	0.6117
	0.6266	0.6415	0.6563	0.6712	0.6860
	0.7009	0.7159	0.7315	0.7471	0.7627
	0.7783	0.7939	0.8094	0.8250	0.8452
	0.8664	0.8876	0.9088	0.9300	0.9512
	0.9678	0.9759	0.9839	0.9920	1.0000
Transect T-C76					
	Area:				
	0.0005	0.0020	0.0044	0.0079	0.0123
	0.0177	0.0241	0.0315	0.0400	0.0497
	0.0608	0.0731	0.0861	0.1000	0.1146
	0.1300	0.1462	0.1630	0.1804	0.1984
	0.2171	0.2363	0.2561	0.2765	0.2976
	0.3196	0.3423	0.3658	0.3902	0.4152
	0.4406	0.4664	0.4925	0.5189	0.5457
	0.5728	0.6002	0.6281	0.6566	0.6855
	0.7150	0.7449	0.7754	0.8064	0.8379
	0.8698	0.9019	0.9343	0.9670	1.0000
	Hrad:				
	0.0166	0.0332	0.0498	0.0664	0.0830
	0.0996	0.1161	0.1327	0.1459	0.1587
	0.1722	0.1913	0.2124	0.2331	0.2534
	0.2733	0.2935	0.3157	0.3376	0.3591
	0.3803	0.4012	0.4219	0.4423	0.4588
	0.4746	0.4905	0.5065	0.5225	0.5451
	0.5708	0.5962	0.6213	0.6463	0.6710
	0.6955	0.7180	0.7378	0.7575	0.7771
	0.7966	0.8160	0.8353	0.8545	0.8740
	0.8995	0.9248	0.9500	0.9751	1.0000
	Width:				
	0.0298	0.0595	0.0893	0.1191	0.1488
	0.1786	0.2084	0.2381	0.2747	0.3143
	0.3540	0.3831	0.4065	0.4299	0.4534
	0.4768	0.4991	0.5173	0.5354	0.5536
	0.5717	0.5898	0.6080	0.6261	0.6496
	0.6742	0.6987	0.7232	0.7478	0.7626
	0.7728	0.7829	0.7931	0.8032	0.8134
	0.8235	0.8359	0.8513	0.8667	0.8821
	0.8975	0.9129	0.9282	0.9436	0.9586
	0.9669	0.9752	0.9834	0.9917	1.0000
Transect T-C78					
	Area:				
	0.0009	0.0050	0.0106	0.0189	0.0288
	0.0391	0.0498	0.0609	0.0724	0.0843
	0.0969	0.1103	0.1256	0.1416	0.1581
	0.1752	0.1929	0.2111	0.2300	0.2497
	0.2702	0.2912	0.3128	0.3349	0.3575
	0.3807	0.4043	0.4286	0.4532	0.4783
	0.5035	0.5288	0.5542	0.5797	0.6053
	0.6310	0.6567	0.6826	0.7085	0.7346
	0.7607	0.7869	0.8132	0.8396	0.8661
	0.8927	0.9194	0.9462	0.9730	1.0000
	Hrad:				
	0.0136	0.0277	0.0457	0.0545	0.0781
	0.1019	0.1249	0.1472	0.1690	0.1884
	0.2053	0.2215	0.2195	0.2385	0.2571
	0.2753	0.2936	0.3117	0.3259	0.3400
	0.3548	0.3734	0.3917	0.4097	0.4276
	0.4449	0.4611	0.4793	0.4974	0.5194
	0.5445	0.5694	0.5942	0.6189	0.6435
	0.6680	0.6923	0.7166	0.7408	0.7648
	0.7888	0.8126	0.8364	0.8601	0.8836
	0.9071	0.9305	0.9537	0.9769	1.0000
	Width:				
	0.0782	0.1825	0.2362	0.3519	0.3736
	0.3887	0.4038	0.4189	0.4339	0.4535
	0.4782	0.5353	0.5795	0.6011	0.6228
	0.6444	0.6652	0.6859	0.7147	0.7437
	0.7711	0.7900	0.8089	0.8277	0.8466
	0.8664	0.8880	0.9053	0.9226	0.9320
	0.9354	0.9388	0.9422	0.9456	0.9490
	0.9524	0.9558	0.9592	0.9626	0.9660
	0.9694	0.9728	0.9762	0.9796	0.9830
	0.9864	0.9898	0.9932	0.9966	1.0000
Transect T-C8					
	Area:				
	0.0020	0.0042	0.0065	0.0089	0.0114
	0.0141	0.0169	0.0198	0.0228	0.0260
	0.0296	0.0342	0.0416	0.0496	0.0591
	0.0706	0.0864	0.1054	0.1266	0.1508
	0.1766	0.2026	0.2288	0.2552	0.2817
	0.3085	0.3354	0.3625	0.3897	0.4171
	0.4447	0.4724	0.5003	0.5284	0.5567
	0.5852	0.6139	0.6427	0.6717	0.7009
	0.7302	0.7596	0.7892	0.8190	0.8489
	0.8789	0.9091	0.9393	0.9696	1.0000

Hrad:	0.0296	0.0575	0.0840	0.1092	0.1334
	0.1567	0.1792	0.2011	0.2223	0.2431
	0.2294	0.2008	0.1638	0.1826	0.1987
	0.2100	0.1723	0.1752	0.1960	0.1797
	0.2084	0.2370	0.2656	0.2943	0.3228
	0.3511	0.3793	0.4072	0.4351	0.4629
	0.4907	0.5183	0.5451	0.5718	0.5983
	0.6247	0.6509	0.6775	0.7045	0.7313
	0.7580	0.7845	0.8110	0.8374	0.8636
	0.8897	0.9174	0.9450	0.9726	1.0000
Width:	0.0687	0.0729	0.0771	0.0813	0.0855
	0.0897	0.0939	0.0981	0.1023	0.1065
	0.1283	0.2159	0.2541	0.2811	0.3420
	0.4525	0.5612	0.6751	0.7321	0.8428
	0.8504	0.8579	0.8645	0.8701	0.8758
	0.8815	0.8871	0.8928	0.8984	0.9037
	0.9087	0.9139	0.9202	0.9265	0.9328
	0.9390	0.9453	0.9509	0.9557	0.9606
	0.9654	0.9703	0.9752	0.9800	0.9849
	0.9897	0.9923	0.9948	0.9974	1.0000
Transect T-C84					
Area:	0.0003	0.0026	0.0071	0.0122	0.0176
	0.0231	0.0288	0.0348	0.0412	0.0485
	0.0567	0.0660	0.0785	0.0926	0.1075
	0.1243	0.1447	0.1673	0.1902	0.2136
	0.2372	0.2610	0.2849	0.3090	0.3334
	0.3582	0.3831	0.4086	0.4343	0.4601
	0.4860	0.5121	0.5383	0.5646	0.5912
	0.6181	0.6450	0.6720	0.6990	0.7261
	0.7533	0.7805	0.8078	0.8351	0.8625
	0.8899	0.9174	0.9449	0.9724	1.0000
Hrad:	0.0104	0.0196	0.0398	0.0647	0.0894
	0.1133	0.1357	0.1569	0.1781	0.1977
	0.2147	0.2281	0.2308	0.2288	0.2368
	0.2390	0.1995	0.2078	0.2328	0.2575
	0.2757	0.3020	0.3282	0.3516	0.3741
	0.3976	0.4201	0.4397	0.4653	0.4908
	0.5160	0.5410	0.5660	0.5881	0.6096
	0.6345	0.6606	0.6866	0.7126	0.7384
	0.7643	0.7900	0.8158	0.8415	0.8680
	0.8945	0.9209	0.9473	0.9737	1.0000
Width:	0.0385	0.1357	0.1792	0.1892	0.1965
	0.2038	0.2124	0.2219	0.2457	0.2808
	0.3134	0.3859	0.4940	0.5273	0.5576
	0.6514	0.7981	0.8252	0.8387	0.8521
	0.8608	0.8646	0.8684	0.8792	0.8916
	0.9011	0.9124	0.9295	0.9336	0.9378
	0.9423	0.9467	0.9512	0.9603	0.9701
	0.9743	0.9766	0.9788	0.9811	0.9834
	0.9857	0.9880	0.9903	0.9924	0.9937
	0.9950	0.9962	0.9975	0.9987	1.0000
Transect T-C97					
Area:	0.0002	0.0007	0.0016	0.0028	0.0043
	0.0062	0.0085	0.0110	0.0140	0.0173
	0.0209	0.0248	0.0291	0.0336	0.0385
	0.0436	0.0490	0.0547	0.0608	0.0691
	0.0783	0.0885	0.1010	0.1166	0.1354
	0.1562	0.1777	0.2003	0.2253	0.2515
	0.2795	0.3086	0.3387	0.3697	0.4018
	0.4354	0.4698	0.5053	0.5415	0.5791
	0.6183	0.6581	0.6985	0.7396	0.7816
	0.8242	0.8675	0.9113	0.9554	1.0000
Hrad:	0.0223	0.0446	0.0669	0.0892	0.1115
	0.1337	0.1560	0.1783	0.2006	0.2229
	0.2452	0.2695	0.2948	0.3198	0.3444
	0.3687	0.3928	0.4168	0.3812	0.3484
	0.3620	0.3727	0.3624	0.3351	0.2956
	0.3308	0.3601	0.3833	0.3939	0.4120
	0.4365	0.4642	0.4961	0.5260	0.5402
	0.5730	0.5992	0.6290	0.6632	0.6685
	0.6993	0.7332	0.7659	0.7949	0.8251
	0.8559	0.8906	0.9263	0.9616	1.0000
Width:	0.0077	0.0155	0.0232	0.0309	0.0386
	0.0464	0.0541	0.0618	0.0696	0.0773
	0.0850	0.0920	0.0984	0.1049	0.1114
	0.1178	0.1243	0.1308	0.1591	0.1978
	0.2158	0.2493	0.3105	0.3924	0.4580
	0.4719	0.4932	0.5225	0.5719	0.6103
	0.6402	0.6648	0.6827	0.7027	0.7437
	0.7597	0.7839	0.8033	0.8164	0.8663
	0.8841	0.8975	0.9119	0.9305	0.9472
	0.9630	0.9741	0.9838	0.9936	1.0000
Transect T-SMC14					
Area:	0.0044	0.0103	0.0168	0.0237	0.0311
	0.0390	0.0473	0.0561	0.0654	0.0751
	0.0853	0.0962	0.1078	0.1201	0.1331
	0.1469	0.1616	0.1777	0.1950	0.2128
	0.2312	0.2500	0.2694	0.2892	0.3095
	0.3303	0.3514	0.3730	0.3950	0.4175
	0.4404	0.4637	0.4876	0.5119	0.5366
	0.5619	0.5883	0.6160	0.6450	0.6751

	0.7064	0.7385	0.7708	0.8032	0.8358
	0.8684	0.9011	0.9340	0.9669	1.0000
Hrad:					
	0.0254	0.0555	0.0838	0.1105	0.1359
	0.1602	0.1837	0.2065	0.2286	0.2503
	0.2710	0.2851	0.2997	0.3148	0.3300
	0.3454	0.3486	0.3529	0.3677	0.3906
	0.4131	0.4353	0.4572	0.4789	0.5003
	0.5228	0.5460	0.5689	0.5899	0.6106
	0.6311	0.6515	0.6717	0.6917	0.7117
	0.7233	0.7209	0.7205	0.7246	0.7296
	0.7334	0.7595	0.7899	0.8202	0.8505
	0.8806	0.9106	0.9405	0.9703	1.0000
Width:					
	0.1735	0.1877	0.2019	0.2161	0.2303
	0.2445	0.2587	0.2729	0.2871	0.3013
	0.3159	0.3385	0.3607	0.3827	0.4047
	0.4267	0.4652	0.5054	0.5322	0.5469
	0.5616	0.5763	0.5910	0.6057	0.6204
	0.6335	0.6452	0.6570	0.6709	0.6849
	0.6988	0.7128	0.7268	0.7407	0.7547
	0.7775	0.8169	0.8559	0.8912	0.9265
	0.9644	0.9736	0.9769	0.9802	0.9835
	0.9868	0.9901	0.9934	0.9967	1.0000
Transect T-SMC14_2					
Area:					
	0.0004	0.0016	0.0037	0.0066	0.0103
	0.0148	0.0202	0.0263	0.0333	0.0411
	0.0498	0.0593	0.0695	0.0806	0.0924
	0.1048	0.1180	0.1317	0.1460	0.1609
	0.1763	0.1923	0.2088	0.2260	0.2436
	0.2619	0.2807	0.3000	0.3200	0.3405
	0.3615	0.3831	0.4055	0.4288	0.4529
	0.4778	0.5036	0.5302	0.5578	0.5870
	0.6180	0.6508	0.6863	0.7251	0.7674
	0.8122	0.8579	0.9044	0.9518	1.0000
Hrad:					
	0.0245	0.0489	0.0734	0.0979	0.1223
	0.1468	0.1713	0.1957	0.2202	0.2447
	0.2691	0.2936	0.3180	0.3454	0.3732
	0.4006	0.4288	0.4595	0.4897	0.5195
	0.5489	0.5779	0.6067	0.6351	0.6633
	0.6913	0.7190	0.7466	0.7740	0.8012
	0.8283	0.8522	0.8685	0.8855	0.9029
	0.9209	0.9392	0.9580	0.9768	0.9942
	1.0103	1.0119	0.9886	0.9586	0.9354
	0.8738	0.9058	0.9375	0.9689	1.0000
Width:					
	0.0169	0.0339	0.0508	0.0677	0.0846
	0.1016	0.1185	0.1354	0.1523	0.1693
	0.1862	0.2031	0.2200	0.2348	0.2491
	0.2633	0.2768	0.2884	0.2999	0.3115
	0.3231	0.3346	0.3462	0.3578	0.3693
	0.3809	0.3925	0.4040	0.4156	0.4272
	0.4387	0.4519	0.4694	0.4868	0.5042
	0.5216	0.5390	0.5565	0.5825	0.6188
	0.6551	0.6999	0.7625	0.8340	0.9056
	0.9312	0.9484	0.9656	0.9828	1.0000
Transect T-U012001					
Area:					
	0.0001	0.0004	0.0009	0.0015	0.0024
	0.0035	0.0047	0.0062	0.0078	0.0096
	0.0116	0.0139	0.0165	0.0205	0.0258
	0.0322	0.0396	0.0480	0.0574	0.0677
	0.0791	0.0922	0.1076	0.1244	0.1430
	0.1632	0.1850	0.2082	0.2330	0.2592
	0.2861	0.3136	0.3424	0.3730	0.4042
	0.4358	0.4679	0.5005	0.5351	0.5708
	0.6072	0.6443	0.6823	0.7213	0.7613
	0.8046	0.8503	0.8975	0.9475	1.0000
Hrad:					
	0.0265	0.0529	0.0794	0.1059	0.1323
	0.1588	0.1853	0.2118	0.2382	0.2647
	0.2912	0.3176	0.2664	0.2352	0.2350
	0.2492	0.2688	0.2902	0.3126	0.3360
	0.3505	0.3422	0.3577	0.3822	0.3952
	0.4166	0.4419	0.4670	0.4885	0.5236
	0.5667	0.6017	0.6108	0.6470	0.6913
	0.7352	0.7791	0.8103	0.8183	0.8511
	0.8879	0.9240	0.9535	0.9847	1.0043
	0.9575	0.9878	0.9996	0.9849	1.0000
Width:					
	0.0036	0.0072	0.0107	0.0143	0.0179
	0.0215	0.0250	0.0286	0.0322	0.0358
	0.0394	0.0429	0.0613	0.0867	0.1092
	0.1286	0.1468	0.1649	0.1829	0.2008
	0.2250	0.2689	0.3002	0.3250	0.3613
	0.3913	0.4182	0.4454	0.4766	0.4947
	0.5044	0.5209	0.5602	0.5762	0.5844
	0.5925	0.6003	0.6175	0.6537	0.6704
	0.6837	0.6971	0.7154	0.7323	0.7579
	0.8403	0.8608	0.8979	0.9621	1.0000

Analysis Options

Flow Units CMS
Process Models:
 Rainfall/Runoff YES
 RDII NO

Snowmelt NO
Groundwater NO
Flow Routing YES
Ponding Allowed NO
Water Quality NO
Infiltration Method CURVE_NUMBER
Flow Routing Method DYNWAVE
Surcharge Method EXTRAN
Starting Date 04/10/2025 00:00:00
Ending Date 04/12/2025 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	4.577	48.000
Evaporation Loss	0.000	0.000
Infiltration Loss	3.392	35.571
Surface Runoff	1.064	11.164
Final Storage	0.122	1.277
Continuity Error (%)	-0.025	

*****	Volume	Volume
Flow Routing Continuity	hectare-m	10^6 ltr
*****	-----	-----
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	1.064	10.645
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	1.045	10.454
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.006	0.057
Continuity Error (%)	1.255	

Highest Continuity Errors

Node T013042 (5.43%)
Node T013044 (5.14%)
Node T016001 (2.41%)
Node T013037 (1.81%)

Time-Step Critical Elements

Link SMC12 (48.78%)

Highest Flow Instability Indexes

All links are stable.

Most Frequent Nonconverging Nodes

Convergence obtained at all time steps.

Routing Time Step Summary

Minimum Time Step : 0.00 sec
Average Time Step : 3.78 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 : 70.28 %
3.155 - 1.991 sec : 11.91 %
1.991 - 1.256 sec : 11.22 %
1.256 - 0.792 sec : 5.39 %
0.792 - 0.500 sec : 1.19 %

Subcatchment Runoff Summary

-----	Total	Total	Total	Total	Imperv	Perv	Total	Total	Peak	Runoff
Subcatchment	Precip	Runon	Evap	Infil	Runoff	Runoff	Runoff	Runoff	Runoff	Coeff
-----	mm	mm	mm	mm	mm	mm	mm	10^6 ltr	CMS	-----
S1	48.00	0.00	0.00	35.47	3.26	8.01	11.27	0.21	0.03	0.235

S61D	48.00	0.00	0.00	35.74	3.26	7.74	10.99	0.09	0.01	0.229
SC02	48.00	0.00	0.00	35.43	3.26	8.06	11.32	0.17	0.02	0.236
SC03	48.00	0.00	0.00	35.52	3.26	7.96	11.22	0.14	0.02	0.234
SC05_1	48.00	0.00	0.00	35.34	3.26	8.14	11.39	0.13	0.02	0.237
SC05_2	48.00	0.00	0.00	35.56	3.26	7.91	11.17	0.06	0.01	0.233
SC07_1	48.00	0.00	0.00	35.80	3.26	7.67	10.93	0.24	0.03	0.228
SC07_2	48.00	0.00	0.00	35.45	3.26	8.03	11.28	0.15	0.02	0.235
SC08	48.00	0.00	0.00	35.76	3.26	7.73	10.98	0.16	0.02	0.229
SC09_1	48.00	0.00	0.00	35.36	3.26	8.13	11.39	0.07	0.01	0.237
SC09_2	48.00	0.00	0.00	35.54	3.26	7.93	11.19	0.12	0.02	0.233
SC10_1	48.00	0.00	0.00	35.89	3.26	7.58	10.84	0.30	0.04	0.226
SC10_2	48.00	0.00	0.00	35.49	3.26	7.98	11.24	0.18	0.02	0.234
SC13	48.00	0.00	0.00	35.52	3.26	7.96	11.22	0.16	0.02	0.234
SC14A	48.00	0.00	0.00	35.47	3.26	8.00	11.26	0.08	0.01	0.235
SC14B	48.00	32.11	0.00	36.05	5.50	37.31	42.82	0.29	0.02	0.534
SC14C	48.00	0.00	0.00	35.38	3.26	8.09	11.35	0.08	0.01	0.236
SC14D	48.00	0.00	0.00	35.52	3.26	7.96	11.22	0.14	0.02	0.234
SC15	48.00	0.00	0.00	35.80	3.26	7.67	10.93	0.33	0.04	0.228
SC20	48.00	0.00	0.00	35.60	3.26	7.87	11.12	0.11	0.01	0.232
SC21	48.00	0.00	0.00	35.67	3.26	7.80	11.06	0.26	0.03	0.230
SC22	48.00	0.00	0.00	35.47	3.26	8.00	11.26	0.16	0.02	0.235
SC23_1	48.00	0.00	0.00	35.72	3.26	7.76	11.01	0.22	0.03	0.229
SC23_2	48.00	0.00	0.00	35.49	3.26	7.99	11.24	0.17	0.02	0.234
SC29	48.00	0.00	0.00	35.49	3.26	7.98	11.23	0.25	0.03	0.234
SC31	48.00	0.00	0.00	35.49	3.26	7.98	11.24	0.27	0.03	0.234
SC32	48.00	0.00	0.00	35.41	3.26	8.07	11.32	0.19	0.03	0.236
SC33	48.00	0.00	0.00	35.54	3.26	7.95	11.21	0.32	0.04	0.233
SC34	48.00	0.00	0.00	35.38	3.26	8.10	11.36	0.25	0.03	0.237
SC35	48.00	0.00	0.00	35.52	3.26	7.95	11.21	0.16	0.02	0.234
SC36	48.00	0.00	0.00	35.32	3.26	8.16	11.41	0.23	0.03	0.238
SC37	48.00	0.00	0.00	35.45	3.26	8.03	11.29	0.21	0.03	0.235
SC38_1	48.00	0.00	0.00	35.47	3.26	8.00	11.25	0.14	0.02	0.234
SC38_2	48.00	0.00	0.00	35.78	3.26	7.69	10.94	0.14	0.02	0.228
SC39_1	48.00	0.00	0.00	35.54	3.26	7.94	11.20	0.18	0.02	0.233
SC39_2	48.00	0.00	0.00	35.38	3.26	8.09	11.35	0.14	0.02	0.236
SC40	48.00	0.00	0.00	35.76	3.26	7.73	10.98	0.37	0.04	0.229
SC42_1	48.00	0.00	0.00	35.52	3.26	7.97	11.23	0.11	0.01	0.234
SC42_2	48.00	0.00	0.00	35.69	3.26	7.79	11.05	0.18	0.02	0.230
SC48	48.00	0.00	0.00	35.63	3.26	7.85	11.10	0.28	0.03	0.231
SC52	48.00	0.00	0.00	35.41	3.26	8.08	11.34	0.30	0.04	0.236
SC54A	48.00	0.00	0.00	35.34	3.26	8.14	11.40	0.02	0.00	0.237
SC54B	48.00	6.83	0.00	35.98	3.74	13.85	17.58	0.23	0.02	0.321
SC54C	48.00	0.00	0.00	35.41	3.26	8.09	11.34	0.09	0.01	0.236
SC55A	48.00	0.00	0.00	35.25	3.26	8.23	11.49	0.10	0.01	0.239
SC55B	48.00	0.00	0.00	35.58	3.26	7.91	11.16	0.12	0.02	0.233
SC55C	48.00	0.00	0.00	35.38	3.26	8.10	11.36	0.07	0.01	0.237
SC55D	48.00	0.00	0.00	35.32	3.26	8.16	11.41	0.07	0.01	0.238
SC55E	48.00	0.00	0.00	35.32	3.26	8.17	11.43	0.06	0.01	0.238
SC55F	48.00	0.00	0.00	35.38	3.26	8.09	11.35	0.06	0.01	0.236
SC55G	48.00	0.00	0.00	35.80	3.26	7.66	10.92	0.27	0.03	0.228
SC55H	48.00	0.00	0.00	35.60	3.26	7.87	11.12	0.14	0.02	0.232
SC55I	48.00	0.00	0.00	35.63	3.26	7.86	11.11	0.15	0.02	0.232
SC61A	48.00	0.00	0.00	35.43	3.26	8.06	11.32	0.16	0.02	0.236
SC61B	48.00	0.00	0.00	35.21	3.26	8.29	11.54	0.05	0.01	0.240
SC61C	48.00	0.00	0.00	35.63	3.26	7.85	11.11	0.16	0.02	0.231
SC61D	48.00	0.00	0.00	35.32	3.26	8.18	11.43	0.07	0.01	0.238
SC61E	48.00	0.00	0.00	35.89	3.26	7.59	10.85	0.10	0.01	0.226
SC61F	48.00	0.00	0.00	35.74	3.26	7.74	11.00	0.14	0.02	0.229
SC70A	48.00	0.00	0.00	35.43	3.26	8.04	11.30	0.15	0.02	0.235
SC70B	48.00	0.00	0.00	35.45	3.26	8.04	11.29	0.06	0.01	0.235
SC70C	48.00	0.00	0.00	35.54	3.26	7.95	11.20	0.06	0.01	0.233
SC70D	48.00	0.00	0.00	35.47	3.26	8.01	11.26	0.08	0.01	0.235
SC70E	48.00	0.00	0.00	35.47	3.26	8.00	11.26	0.10	0.01	0.235
SC70F	48.00	0.00	0.00	35.65	3.26	7.83	11.08	0.14	0.02	0.231
SC70G	48.00	0.00	0.00	35.36	3.26	8.12	11.38	0.06	0.01	0.237
SC70H	48.00	0.00	0.00	35.38	3.26	8.11	11.37	0.07	0.01	0.237
SC70I	48.00	0.00	0.00	35.32	3.26	8.17	11.43	0.07	0.01	0.238
SC70J	48.00	0.00	0.00	35.54	3.26	7.94	11.20	0.13	0.02	0.233
SC70K	48.00	0.00	0.00	35.76	3.26	7.72	10.98	0.24	0.03	0.229

Node Depth Summary

		Average	Maximum	Maximum	Time of Max		Reported
		Depth	Depth	HGL	Occurrence		Max Depth
Node	Type	Meters	Meters	Meters	days	hr:min	Meters
16017	JUNCTION	0.11	0.29	93.72	0	14:25	0.29
16094	JUNCTION	0.00	0.00	92.18	0	00:00	0.00
16130	JUNCTION	0.11	0.30	93.72	0	14:25	0.30
25010	JUNCTION	0.02	0.08	94.48	0	12:00	0.08
25025	JUNCTION	0.00	0.00	94.64	0	00:00	0.00
26419	JUNCTION	0.00	0.00	94.00	0	00:00	0.00
26456	JUNCTION	0.04	0.18	94.41	0	12:01	0.18
26481	JUNCTION	0.03	0.13	94.43	0	12:01	0.13
26578	JUNCTION	0.00	0.00	95.36	0	00:00	0.00
J101	JUNCTION	0.03	0.08	99.14	0	12:13	0.08
J107	JUNCTION	0.05	0.13	98.29	0	13:32	0.13
J111	JUNCTION	0.06	0.13	99.44	0	13:31	0.13
J117	JUNCTION	0.04	0.11	100.56	0	12:04	0.11
J137	JUNCTION	0.01	0.04	100.47	0	12:00	0.04
J14	JUNCTION	0.05	0.13	92.19	0	12:33	0.13
J152	JUNCTION	0.01	0.04	102.63	0	12:00	0.04
J160	JUNCTION	0.01	0.05	103.59	0	12:00	0.05
J17	JUNCTION	0.07	0.19	92.92	0	12:33	0.19
J2	JUNCTION	0.08	0.17	97.10	0	12:04	0.17
J253	JUNCTION	0.01	0.06	102.25	0	12:02	0.06
J258	JUNCTION	0.04	0.12	96.39	0	12:09	0.12
J259	JUNCTION	0.02	0.10	99.42	0	12:11	0.10
J270	JUNCTION	0.06	0.16	97.12	0	12:04	0.16

J274	JUNCTION	0.03	0.10	91.48	0	12:33	0.10
J276	JUNCTION	0.02	0.09	96.35	0	12:23	0.09
J3	JUNCTION	0.06	0.22	93.72	0	14:25	0.22
J33	JUNCTION	0.05	0.19	95.08	0	12:30	0.19
J35	JUNCTION	0.12	0.28	95.05	0	12:31	0.28
J43	JUNCTION	0.04	0.12	94.93	0	12:31	0.12
J5	JUNCTION	0.03	0.12	91.92	0	12:33	0.12
J53	JUNCTION	0.01	0.03	97.14	0	12:00	0.03
J64	JUNCTION	0.04	0.11	97.61	0	12:19	0.11
J8	JUNCTION	0.05	0.16	90.67	0	12:35	0.16
J80	JUNCTION	0.03	0.09	98.17	0	12:18	0.09
J86	JUNCTION	0.01	0.04	98.14	0	12:00	0.04
J92	JUNCTION	0.02	0.11	98.39	0	12:16	0.11
T009005	JUNCTION	0.05	0.11	100.39	0	13:31	0.11
T009007	JUNCTION	0.00	0.00	100.64	0	00:00	0.00
T012001	JUNCTION	0.03	0.15	101.15	0	12:00	0.15
T013002	JUNCTION	0.07	0.16	100.80	0	13:46	0.16
T013003	JUNCTION	0.03	0.07	100.89	0	13:36	0.07
T013006	JUNCTION	0.02	0.06	101.41	0	13:33	0.06
T013007	JUNCTION	0.04	0.08	101.74	0	13:38	0.08
T013012	JUNCTION	0.04	0.07	103.54	0	13:54	0.07
T013016	JUNCTION	0.08	0.14	103.59	0	14:05	0.14
T013019	JUNCTION	0.03	0.06	104.51	0	14:12	0.06
T013020	JUNCTION	0.04	0.08	104.86	0	14:11	0.08
T013021	JUNCTION	0.01	0.04	105.16	0	14:09	0.04
T013022	JUNCTION	0.04	0.10	105.55	0	14:07	0.10
T013023	JUNCTION	0.03	0.07	105.86	0	14:05	0.07
T013024	JUNCTION	0.03	0.07	106.19	0	14:04	0.07
T013025	JUNCTION	0.03	0.06	106.35	0	14:06	0.06
T013031	JUNCTION	0.02	0.05	107.37	0	14:01	0.05
T013032	JUNCTION	0.03	0.07	107.78	0	14:07	0.07
T013033	JUNCTION	0.02	0.05	108.31	0	13:51	0.05
T013037	JUNCTION	0.03	0.06	108.60	0	13:51	0.06
T013042	JUNCTION	0.04	0.08	108.60	0	13:57	0.08
T013044	JUNCTION	0.04	0.07	108.60	0	13:55	0.07
T013045	JUNCTION	0.03	0.06	108.60	0	13:54	0.06
T014001	JUNCTION	0.04	0.10	103.58	0	12:00	0.10
T015001	JUNCTION	0.02	0.06	104.60	0	13:30	0.06
T015003	JUNCTION	0.02	0.05	106.19	0	12:04	0.05
T016001	JUNCTION	0.02	0.05	108.67	0	12:21	0.05
T016003	JUNCTION	0.02	0.06	108.83	0	12:00	0.06
T043003	JUNCTION	0.03	0.07	101.24	0	13:34	0.07
OF-A	OUTFALL	0.02	0.07	91.57	0	12:33	0.07
OF-B	OUTFALL	0.09	0.23	93.46	0	14:25	0.23
OF-C	OUTFALL	0.02	0.14	94.29	0	12:02	0.14
OF-EX	OUTFALL	0.02	0.08	89.70	0	12:35	0.08

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
16017	JUNCTION	0.018	0.054	0	12:18	0.143	0.284	0.799
16094	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
16130	JUNCTION	0.023	0.225	0	12:09	0.172	6.7	0.142
25010	JUNCTION	0.035	0.035	0	12:00	0.282	0.282	0.041
25025	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
26419	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
26456	JUNCTION	0.000	0.056	0	12:00	0	0.495	0.015
26481	JUNCTION	0.028	0.060	0	12:00	0.214	0.495	-0.009
26578	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
J101	JUNCTION	0.017	0.087	0	12:12	0.14	1.29	0.009
J107	JUNCTION	0.019	0.171	0	13:30	0.161	5.04	0.033
J111	JUNCTION	0.025	0.165	0	13:30	0.191	4.89	0.019
J117	JUNCTION	0.017	0.072	0	12:00	0.136	0.706	0.010
J137	JUNCTION	0.030	0.030	0	12:00	0.241	0.241	-0.220
J14	JUNCTION	0.009	0.152	0	12:32	0.0692	2.73	0.007
J152	JUNCTION	0.017	0.017	0	12:00	0.133	0.133	-0.012
J160	JUNCTION	0.039	0.039	0	12:00	0.308	0.308	-0.013
J17	JUNCTION	0.018	0.148	0	12:31	0.127	2.67	0.016
J2	JUNCTION	0.000	0.206	0	12:04	0	5.8	0.011
J253	JUNCTION	0.018	0.070	0	12:00	0.129	0.57	-0.011
J258	JUNCTION	0.025	0.232	0	12:03	0.184	6.15	-0.017
J259	JUNCTION	0.027	0.104	0	12:01	0.208	1.16	0.132
J270	JUNCTION	0.048	0.215	0	12:01	0.39	5.81	0.036
J274	JUNCTION	0.015	0.158	0	12:32	0.0954	2.83	0.002
J276	JUNCTION	0.009	0.107	0	12:02	0.0517	1.76	0.012
J3	JUNCTION	0.000	0.033	0	12:07	0	0.0934	0.590
J33	JUNCTION	0.038	0.124	0	12:01	0.294	2.06	0.049
J35	JUNCTION	0.018	0.127	0	12:29	0.151	2.21	0.153
J43	JUNCTION	0.041	0.140	0	12:30	0.334	2.54	0.001
J5	JUNCTION	0.041	0.041	0	12:00	0.302	0.302	0.103
J53	JUNCTION	0.020	0.020	0	12:00	0.16	0.16	-0.059
J64	JUNCTION	0.030	0.103	0	12:18	0.233	1.71	-0.003
J8	JUNCTION	0.016	0.164	0	12:32	0.125	2.95	0.018
J80	JUNCTION	0.010	0.092	0	12:17	0.0856	1.48	0.018
J86	JUNCTION	0.033	0.033	0	12:00	0.373	0.373	-0.083
J92	JUNCTION	0.012	0.089	0	12:13	0.101	1.39	0.013
T009005	JUNCTION	0.058	0.158	0	13:30	0.476	4.69	0.018
T009007	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
T012001	JUNCTION	0.040	0.040	0	12:00	0.334	0.334	-0.160
T013002	JUNCTION	0.000	0.132	0	13:36	0	3.89	0.080
T013003	JUNCTION	0.000	0.132	0	13:34	0	3.89	0.044
T013006	JUNCTION	0.013	0.132	0	13:33	0.106	3.89	0.017
T013007	JUNCTION	0.032	0.128	0	13:32	0.26	3.79	0.082
T013012	JUNCTION	0.021	0.119	0	13:31	0.163	3.54	0.273
T013016	JUNCTION	0.048	0.080	0	14:00	0.388	2.42	0.221

T013019	JUNCTION	0.000	0.069	0	14:11	0	2.04	0.158
T013020	JUNCTION	0.000	0.069	0	14:09	0	2.04	0.217
T013021	JUNCTION	0.000	0.069	0	14:08	0	2.04	0.028
T013022	JUNCTION	0.000	0.069	0	14:05	0	2.04	0.091
T013023	JUNCTION	0.000	0.069	0	14:04	0	2.04	0.025
T013024	JUNCTION	0.032	0.069	0	14:00	0.248	2.05	0.229
T013025	JUNCTION	0.000	0.062	0	14:01	0	1.81	0.662
T013031	JUNCTION	0.034	0.062	0	14:00	0.267	1.82	0.178
T013032	JUNCTION	0.025	0.055	0	13:42	0.19	1.56	0.664
T013033	JUNCTION	0.040	0.049	0	13:30	0.32	1.38	0.801
T013037	JUNCTION	0.034	0.041	0	12:00	0.248	1.09	1.840
T013042	JUNCTION	0.020	0.035	0	12:00	0.157	0.58	5.737
T013044	JUNCTION	0.034	0.052	0	12:00	0.234	0.44	5.414
T013045	JUNCTION	0.028	0.028	0	12:00	0.21	0.21	1.948
T014001	JUNCTION	0.044	0.044	0	12:00	0.367	0.367	-0.079
T015001	JUNCTION	0.035	0.049	0	12:00	0.281	0.596	0.640
T015003	JUNCTION	0.041	0.041	0	12:00	0.316	0.316	0.262
T016001	JUNCTION	0.000	0.037	0	12:02	0	0.296	2.470
T016003	JUNCTION	0.037	0.037	0	12:00	0.297	0.297	0.301
T043003	JUNCTION	0.000	0.132	0	13:33	0	3.89	0.033
OF-A	OUTFALL	0.000	0.017	0	12:33	0	0.302	0.000
OF-B	OUTFALL	0.000	0.202	0	14:25	0	6.45	0.000
OF-C	OUTFALL	0.000	0.054	0	12:02	0	0.495	0.000
OF-EX	OUTFALL	0.023	0.173	0	12:35	0.249	3.2	0.000

Node Surcharge Summary

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

Node	Type	Hours Surcharged	Max. Height	Min. Depth
			Above Crown Meters	Below Rim Meters
T009007	JUNCTION	48.00	0.000	0.000

Node Flooding Summary

No nodes were flooded.

Outfall Loading Summary

Outfall Node	Flow	Avg	Max	Total
	Freq Pcnt	Flow CMS	Flow CMS	Volume 10^6 ltr
OF-A	73.96	0.003	0.017	0.302
OF-B	93.72	0.058	0.202	6.454
OF-C	67.72	0.006	0.054	0.495
OF-EX	99.75	0.027	0.173	3.203
System	83.79	0.095	0.357	10.454

Link Flow Summary

Link	Type	Maximum	Time of Max		Maximum	Max/	Max/
		Flow CMS	Occurrence	days hr:min	Veloc m/sec	Full Flow	Full Depth
C10	CONDUIT	0.016	0	12:00	0.16	0.01	0.08
C100	CHANNEL	0.152	0	12:33	0.63	0.01	0.16
C101	CHANNEL	0.158	0	12:33	0.54	0.01	0.15
C103	CHANNEL	0.163	0	12:35	0.45	0.11	0.33
C1450_1	CHANNEL	0.023	0	13:30	0.15	0.00	0.09
C20	CONDUIT	0.019	0	12:00	0.14	0.03	0.24
C25	CHANNEL	0.027	0	12:00	0.16	0.07	0.42
C45	CONDUIT	0.037	0	12:00	0.33	0.01	0.09
C50	CHANNEL	0.031	0	12:00	0.12	0.02	0.31
C57	CHANNEL	0.058	0	12:02	0.24	0.06	0.35
C70	CHANNEL	0.065	0	12:06	0.37	0.00	0.11
C75	CONDUIT	0.082	0	12:11	0.42	0.01	0.09
C81	CHANNEL	0.086	0	12:13	0.29	0.35	0.73
C86	CONDUIT	0.089	0	12:16	0.42	0.01	0.10
C87	CHANNEL	0.092	0	12:18	0.31	0.01	0.16
C89	CHANNEL	0.103	0	12:20	0.65	0.01	0.15
C91	CHANNEL	0.106	0	12:23	0.32	0.02	0.17
C93	CHANNEL	0.119	0	12:28	0.21	0.04	0.32
C95	CHANNEL	0.126	0	12:31	0.25	0.19	0.34
C96	CHANNEL	0.140	0	12:31	0.44	0.00	0.16
C99	CHANNEL	0.148	0	12:33	0.72	0.01	0.16
PUB_RD_CULVERT-A	CONDUIT	0.017	0	12:33	0.54	0.02	0.14
PUB_RD_CULVERT-B	CONDUIT	0.202	0	14:25	1.52	0.23	0.38
PUB_RD_CULVERT-C	CONDUIT	0.054	0	12:02	0.81	0.11	0.23
PUB_rd_DC01	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
PUB_rd_DC02	CHANNEL	0.000	0	00:00	0.00	0.00	0.10
PUB_rd_DC03	CHANNEL	0.033	0	12:00	0.16	0.00	0.11
PUB_rd_DC04	CHANNEL	0.056	0	12:00	0.16	0.01	0.18
PUB_rd_DC06	CHANNEL	0.000	0	00:00	0.00	0.00	0.17
PUB_rd_DC07	CHANNEL	0.047	0	12:18	0.12	0.01	0.23
PUB_rd_DC09	CHANNEL	0.033	0	12:07	0.05	0.00	0.22

PUB_rd_DC11	CHANNEL	0.000	0	00:00	0.00	0.00	0.04
SMC09	CHANNEL	0.158	0	13:31	0.34	0.01	0.18
SMC10	CHANNEL	0.165	0	13:31	0.63	0.03	0.18
SMC11	CHANNEL	0.171	0	13:32	0.51	0.05	0.22
SMC12	CHANNEL	0.206	0	12:04	0.40	0.03	0.26
SMC13	CHANNEL	0.209	0	12:05	0.49	0.03	0.23
SMC14	CHANNEL	0.217	0	12:09	0.52	0.02	0.30
U012001	CHANNEL	0.039	0	12:00	0.42	0.00	0.12
U013002	CHANNEL	0.131	0	13:41	0.36	0.00	0.08
U013003	CHANNEL	0.132	0	13:36	0.14	0.00	0.07
U013004	CHANNEL	0.132	0	13:34	0.27	0.00	0.04
U013006_2	CHANNEL	0.132	0	13:33	0.39	0.00	0.04
U013007	CHANNEL	0.128	0	13:36	0.30	0.00	0.04
U013008	CHANNEL	0.119	0	13:54	22.50	0.00	0.04
U013015	CHANNEL	0.080	0	14:04	8.50	0.00	0.05
U013019	CHANNEL	0.069	0	14:13	0.82	0.00	0.05
U013020	CHANNEL	0.069	0	14:11	20.04	0.00	0.03
U013021	CHANNEL	0.069	0	14:09	0.16	0.00	0.02
U013022	CHANNEL	0.069	0	14:08	6.89	0.00	0.04
U013023	CHANNEL	0.069	0	14:05	0.26	0.00	0.09
U013024	CHANNEL	0.069	0	14:04	0.35	0.00	0.07
U013025	CHANNEL	0.061	0	14:06	1.47	0.00	0.03
U013026	CHANNEL	0.062	0	14:01	0.25	0.00	0.03
U013032	CHANNEL	0.053	0	14:03	0.16	0.00	0.03
U013033	CHANNEL	0.049	0	13:51	13.86	0.00	0.03
U013034	CHANNEL	0.038	0	13:51	27.88	0.00	0.03
U013038	CHANNEL	0.019	0	14:02	2.95	0.00	0.04
U013044	CHANNEL	0.017	0	12:09	0.03	0.00	0.05
U013045	CHANNEL	0.020	0	12:01	0.28	0.00	0.04
U014001	CHANNEL	0.043	0	12:00	0.13	0.00	0.04
U015002	CHANNEL	0.017	0	12:04	10.81	0.00	0.04
U016001	CHANNEL	0.016	0	12:39	1.67	0.00	0.03
U016002	CHANNEL	0.037	0	12:02	10.57	0.00	0.03

Flow Classification Summary

Conduit	Adjusted /Actual Length	----- Fraction of Time in Flow Class -----								
		Up		Down	Sub	Sup	Up	Down	Norm	Inlet
		Dry	Dry	Dry	Crit	Crit	Crit	Crit	Ltd	Ctrl

C10	1.00	0.00	0.27	0.00	0.73	0.00	0.00	0.00	0.98	0.00
C100	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C101	1.00	0.00	0.00	0.00	0.95	0.05	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	0.00	0.00
C1450_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.89	0.00
C20	1.00	0.00	0.28	0.00	0.72	0.00	0.00	0.00	0.96	0.00
C25	1.00	0.00	0.08	0.00	0.91	0.00	0.00	0.00	0.97	0.00
C45	1.00	0.00	0.24	0.00	0.76	0.00	0.00	0.00	0.97	0.00
C50	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.97	0.00
C57	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
C70	1.00	0.00	0.00	0.00	0.62	0.38	0.00	0.00	0.00	0.00
C75	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
C81	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.10	0.00
C86	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
C87	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C89	1.00	0.00	0.00	0.00	0.09	0.91	0.00	0.00	0.00	0.00
C91	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C93	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.91	0.00
C95	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.06	0.00
C96	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.96	0.00
C99	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.00	0.00
PUB_RD_CULVERT-A	1.00	0.00	0.00	0.00	0.67	0.33	0.00	0.00	0.00	0.34
PUB_RD_CULVERT-B	1.00	0.00	0.00	0.00	0.08	0.92	0.00	0.00	0.00	0.00
PUB_RD_CULVERT-C	1.00	0.01	0.00	0.00	0.97	0.03	0.00	0.00	0.00	0.44
PUB_rd_DC01	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC02	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC03	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
PUB_rd_DC04	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.45	0.00
PUB_rd_DC06	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC09	1.00	0.00	0.24	0.00	0.76	0.00	0.00	0.00	0.44	0.00
PUB_rd_DC11	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SMC09	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.96	0.00
SMC10	1.00	0.00	0.00	0.00	0.96	0.04	0.00	0.00	0.11	0.00
SMC11	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
SMC12	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.63	0.00
SMC13	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.03	0.00
SMC14	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.91	0.00
U012001	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.82	0.00
U013002	1.00	0.00	0.11	0.00	0.89	0.00	0.00	0.00	0.07	0.00
U013003	1.00	0.07	0.00	0.00	0.89	0.04	0.00	0.00	0.87	0.00
U013004	1.00	0.01	0.00	0.00	0.97	0.02	0.00	0.00	0.85	0.00
U013006_2	1.00	0.00	0.00	0.00	0.89	0.11	0.00	0.00	0.89	0.00
U013007	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
U013008	1.00	0.00	0.00	0.00	0.66	0.34	0.00	0.00	0.44	0.00
U013015	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.09	0.00
U013019	1.00	0.00	0.14	0.00	0.86	0.00	0.00	0.00	0.86	0.00
U013020	1.00	0.04	0.00	0.00	0.58	0.37	0.00	0.00	0.00	0.00
U013021	1.00	0.04	0.06	0.00	0.89	0.00	0.00	0.00	0.86	0.00
U013022	1.00	0.09	0.00	0.00	0.54	0.37	0.00	0.00	0.01	0.00
U013023	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.79	0.00
U013024	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.87	0.00
U013025	1.00	0.00	0.07	0.00	0.90	0.03	0.00	0.00	0.43	0.00
U013026	1.00	0.00	0.00	0.00	0.90	0.10	0.00	0.00	0.76	0.00
U013032	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.16	0.00
U013033	1.00	0.00	0.00	0.00	0.81	0.19	0.00	0.00	0.71	0.00
U013034	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.38	0.00
U013038	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.20	0.00
U013044	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

U013045	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.01	0.00
U014001	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.46	0.00
U015002	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
U016001	1.00	0.00	0.02	0.00	0.97	0.00	0.00	0.00	0.82	0.00
U016002	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.62	0.00

Conduit Surcharge Summary

No conduits were surcharged.

Analysis begun on: Thu Jan 22 13:54:55 2026
Analysis ended on: Thu Jan 22 13:54:58 2026
Total elapsed time: 00:00:03



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

Element Count

Number of rain gages 9
Number of subcatchments ... 128
Number of nodes 130
Number of links 126
Number of pollutants 0
Number of land uses 0

Raingage Summary

Name	Data Source	Data Type	Recording Interval
100y_103.5mm	100y_103.5mm	INTENSITY	15 min.
10y_72mm	10y_72mm	INTENSITY	15 min.
25y_84mm	25y_84mm	INTENSITY	15 min.
2y_48mm	2y_48mm	INTENSITY	15 min.
50y_93.6mm	50y_93.6mm	INTENSITY	15 min.
5y_62.4mm	5y_62.4mm	INTENSITY	15 min.
Chicago_4h	Chicago_4h	INTENSITY	10 min.
SCS_Type_II_124mm	SCS_Type_II_124mm	INTENSITY	15 min.
SCS_Type_II100y_12h_96mm	SCS_Type_II100y_12h_96mm	INTENSITY	6 min.

Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
G009005_1	2.74	112.89	7.00	7.6470	100y_103.5mm	J30
G009005_2	1.57	209.97	7.00	3.6030	100y_103.5mm	DDJ03
G012001	3.05	152.73	7.00	6.8600	100y_103.5mm	T012001
G013006	0.95	73.90	7.00	6.1650	100y_103.5mm	T013006
G013007	2.35	142.04	7.00	7.6700	100y_103.5mm	T013007
G013012	1.45	146.91	7.00	6.9010	100y_103.5mm	T013012
G013016_1	1.98	107.13	7.00	8.0160	100y_103.5mm	T013016
G013016_2	1.52	158.50	7.00	5.9960	100y_103.5mm	T013016
G013024	2.21	201.26	7.00	7.5560	100y_103.5mm	T013024
G013031	2.38	208.79	7.00	8.2850	100y_103.5mm	T013031
G013032	1.68	172.87	7.00	9.8170	100y_103.5mm	T013032
G013033	2.85	228.75	7.00	8.4690	100y_103.5mm	T013033
G013037	2.18	256.38	7.00	9.5500	100y_103.5mm	T013037
G013042	1.40	109.31	7.00	9.0870	100y_103.5mm	T013042
G013043	2.05	276.27	7.00	10.5660	100y_103.5mm	T013044
G013045	1.86	185.18	7.00	8.5760	100y_103.5mm	T013045
G014001	3.34	162.46	7.00	8.9080	100y_103.5mm	T014001
G015001_1	1.28	124.61	7.00	7.3730	100y_103.5mm	T015001
G015001_2	1.25	75.83	7.00	4.9920	100y_103.5mm	T015001
G015003_1	1.59	125.65	7.00	8.3540	100y_103.5mm	T015003
G015003_2	1.22	145.02	7.00	8.5290	100y_103.5mm	T015003
G016003_1	1.02	83.26	7.00	9.0730	100y_103.5mm	T016003
G016003_2	1.65	89.45	7.00	9.2440	100y_103.5mm	T016003
S1	0.42	140.90	7.00	2.0000	100y_103.5mm	DDJ06
S1_1	0.15	44.75	7.00	2.0000	100y_103.5mm	PDDJ09
S1_10	0.08	30.92	7.00	2.0000	100y_103.5mm	PDDJ08
S1_2	0.21	62.76	7.00	8.4310	100y_103.5mm	PDDJ10
S1_3	0.73	78.61	7.00	2.2500	100y_103.5mm	J68
S1_4	0.47	54.00	7.00	2.0000	100y_103.5mm	J67
S1_5	0.32	62.94	7.00	2.5000	100y_103.5mm	J69
S1_6	0.25	23.15	7.00	11.0340	100y_103.5mm	J65
S1_7	0.44	70.98	7.00	2.5000	100y_103.5mm	25025
S1_8	0.23	25.99	7.00	2.0000	100y_103.5mm	J66
S10	0.83	166.64	7.00	8.5600	100y_103.5mm	J274
S101_2	1.02	114.99	7.00	5.3410	100y_103.5mm	DDJ04
S102	0.87	76.43	7.00	9.2800	100y_103.5mm	DDJ05
S11	1.12	99.21	7.00	5.6280	100y_103.5mm	J8
S112	0.51	72.89	7.00	7.1560	100y_103.5mm	J253
S113	0.62	92.70	7.00	6.1840	100y_103.5mm	J253
S115_2	0.01	0.90	80.00	9.1880	100y_103.5mm	J30
S130	0.62	87.35	7.00	10.8400	100y_103.5mm	J160
S132	1.19	88.41	7.00	9.3970	100y_103.5mm	J152
S137	2.16	101.18	7.00	9.3820	100y_103.5mm	J160
S15_4	0.19	62.33	7.00	6.7670	100y_103.5mm	DDJ14
S16	0.61	65.66	7.00	11.2500	100y_103.5mm	J14

S18	0.54	86.45	7.00	8.2240	100y_103.5mm	J17
S19	0.58	83.01	7.00	9.3820	100y_103.5mm	J17
S2	0.42	139.80	7.00	2.0000	100y_103.5mm	DDJ04
S2_13	0.02	53.25	80.00	2.0000	100y_103.5mm	S2_16
S2_14	0.03	67.50	80.00	2.0000	100y_103.5mm	S2_16
S2_15	0.21	37.14	7.00	1.0000	100y_103.5mm	J62
S2_16	0.56	59.43	7.00	8.9160	100y_103.5mm	J71
S2_18	0.15	61.44	7.00	12.0000	100y_103.5mm	PDDJ06
S2_19	0.07	60.26	7.00	5.5370	100y_103.5mm	PDDJ04
S2_20	0.17	94.07	7.00	5.0310	100y_103.5mm	PDDJ05
S2_22	0.07	5.51	7.00	3.1210	100y_103.5mm	J26
S2_23	0.32	56.49	7.00	3.6000	100y_103.5mm	J34
S2_24	0.04	2.68	7.00	3.2280	100y_103.5mm	J60
S2_25	0.04	2.76	7.00	6.8230	100y_103.5mm	J59
S2_26	0.03	2.02	7.00	2.5570	100y_103.5mm	J61
S2_30	0.03	74.75	80.00	2.0000	100y_103.5mm	S2_16
S2_31	0.02	43.50	80.00	2.0000	100y_103.5mm	S2_16
S2_32	0.03	62.75	80.00	2.0000	100y_103.5mm	J46
S2_34	0.02	58.00	80.00	2.0000	100y_103.5mm	J60
S2_35	0.02	61.00	80.00	2.0000	100y_103.5mm	J58
S2_36	0.04	101.75	80.00	10.8580	100y_103.5mm	J68
S2_37	0.02	57.50	80.00	2.0000	100y_103.5mm	25025
S2_38	0.03	73.75	80.00	2.0000	100y_103.5mm	J69
S2_39	0.03	86.50	80.00	2.0000	100y_103.5mm	J67
S2_4	0.02	1.80	80.00	2.0000	100y_103.5mm	J58
S2_40	0.02	46.50	80.00	2.0000	100y_103.5mm	J59
S2_41	0.02	39.25	80.00	2.0000	100y_103.5mm	J61
S20_1	0.60	53.34	100.00	4.7900	100y_103.5mm	J56
S20_10	0.59	52.76	100.00	4.7900	100y_103.5mm	J47
S20_11	0.72	64.74	100.00	4.7900	100y_103.5mm	J51
S20_12	0.04	3.32	80.00	2.0000	100y_103.5mm	J63
S20_13	0.79	70.89	100.00	4.7900	100y_103.5mm	J94
S20_2	0.12	11.11	80.00	4.7900	100y_103.5mm	J50
S20_3	1.02	90.71	100.00	4.7900	100y_103.5mm	SU1
S20_6	0.11	9.56	80.00	4.7900	100y_103.5mm	J54
S20_7	0.15	13.75	100.00	4.7900	100y_103.5mm	J39
S20_8	0.77	68.93	100.00	4.7900	100y_103.5mm	J55
S20_9	0.61	54.20	100.00	4.7900	100y_103.5mm	J48
S22_4	0.03	6.99	80.00	4.0500	100y_103.5mm	J88
S22_5	0.05	9.73	80.00	4.0500	100y_103.5mm	J29
S23	2.50	130.11	7.00	6.3060	100y_103.5mm	J43
S25	1.22	88.61	7.00	7.0290	100y_103.5mm	J33
S29	0.54	76.64	7.00	6.0420	100y_103.5mm	J43
S3	1.32	84.06	7.00	4.7850	100y_103.5mm	OF-EX
S33	1.35	98.82	7.00	6.6690	100y_103.5mm	J35
S34	1.52	145.82	7.00	10.8830	100y_103.5mm	16130
S36	1.40	164.77	7.00	7.1970	100y_103.5mm	J33
S37_2	1.28	119.80	7.00	6.5590	100y_103.5mm	16017
S4	0.14	22.22	7.00	6.8700	100y_103.5mm	OF-EX
S44_3	0.66	108.33	7.00	5.0580	100y_103.5mm	DDJ14
S45	0.45	124.15	7.00	7.1480	100y_103.5mm	J276
S48_1	1.26	126.59	7.00	5.5230	100y_103.5mm	J53
S5	2.67	266.72	7.00	11.3200	100y_103.5mm	J5
S51	1.46	121.71	7.00	4.9010	100y_103.5mm	J64
S54	0.63	155.42	7.00	3.5050	100y_103.5mm	J64
S56_1	0.29	114.84	7.00	10.3720	100y_103.5mm	PDDJ07
S6	0.80	79.72	7.00	11.8730	100y_103.5mm	S3
S61	0.78	60.77	7.00	3.6030	100y_103.5mm	J80
S63_2	0.33	109.50	7.00	2.0000	100y_103.5mm	DDJ07
S63_3	0.39	128.43	7.00	4.7660	100y_103.5mm	DDJ07
S65	0.93	56.61	7.00	3.5920	100y_103.5mm	J92
S69	1.27	82.51	7.00	5.3450	100y_103.5mm	J101
S7	0.49	48.42	80.00	4.8080	100y_103.5mm	J52
S76_3	0.78	112.40	7.00	5.1360	100y_103.5mm	J259
S77	0.50	64.02	7.00	5.3700	100y_103.5mm	J259
S8	0.32	29.77	80.00	4.7290	100y_103.5mm	J49
S80_3	0.03	4.55	80.00	2.0000	100y_103.5mm	J34
S88_2	1.01	77.93	7.00	8.2360	100y_103.5mm	J3
S88_3	0.06	5.56	80.00	7.4640	100y_103.5mm	J32
S9_1	0.36	120.00	7.00	7.4830	100y_103.5mm	DDJ14
S9_10	0.03	74.00	80.00	2.0000	100y_103.5mm	S9_4
S9_2	0.20	65.77	7.00	2.0000	100y_103.5mm	DDJ12
S9_3	0.25	83.30	7.00	2.0000	100y_103.5mm	DDJ09
S9_4	0.15	51.47	7.00	12.1330	100y_103.5mm	PDDJ08
S9_5	0.28	54.53	7.00	10.0000	100y_103.5mm	PDDJ07
S9_6	0.25	20.08	7.00	8.9110	100y_103.5mm	25010
S9_7	0.14	45.27	7.00	0.2500	100y_103.5mm	PDDJ09
S9_8	0.03	78.00	80.00	2.0000	100y_103.5mm	S9_7
S9_9	0.04	91.25	80.00	2.0000	100y_103.5mm	S9_6
S90	0.53	59.02	7.00	4.3430	100y_103.5mm	J117
S91_1	0.05	5.23	80.00	5.3300	100y_103.5mm	J31
S91_2	0.24	56.73	7.00	10.1680	100y_103.5mm	J31
S92	0.67	57.07	7.00	10.2410	100y_103.5mm	J117

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
16017	JUNCTION	93.42	2.50	0.0	
16094	JUNCTION	92.18	1.82	0.0	
16130	JUNCTION	93.42	2.00	0.0	
25010	JUNCTION	94.40	3.00	0.0	
25025	JUNCTION	94.64	3.00	0.0	
26419	JUNCTION	94.00	1.22	0.0	
26456	JUNCTION	94.23	0.96	0.0	
26578	JUNCTION	95.36	3.00	0.0	
DDJ01	JUNCTION	100.38	3.00	0.0	
DDJ02	JUNCTION	100.03	0.94	0.0	
DDJ03	JUNCTION	99.92	1.34	0.0	
DDJ04	JUNCTION	99.69	1.35	0.0	
DDJ05	JUNCTION	99.38	1.63	0.0	
DDJ06	JUNCTION	99.22	1.78	0.0	
DDJ07	JUNCTION	98.38	1.36	0.0	
DDJ08	JUNCTION	98.02	1.41	0.0	
DDJ09	JUNCTION	97.85	1.13	0.0	
DDJ10	JUNCTION	97.69	1.08	0.0	
DDJ11	JUNCTION	97.46	1.01	0.0	
DDJ12	JUNCTION	97.28	0.94	0.0	
DDJ13	JUNCTION	97.04	0.83	0.0	
DDJ14	JUNCTION	96.27	2.31	0.0	
J101	JUNCTION	99.06	1.00	0.0	
J117	JUNCTION	100.45	1.00	0.0	
J14	JUNCTION	92.06	1.50	0.0	
J152	JUNCTION	102.59	1.00	0.0	
J160	JUNCTION	103.54	1.00	0.0	
J17	JUNCTION	92.73	1.50	0.0	
J2	JUNCTION	93.50	1.25	0.0	
J24	JUNCTION	96.89	0.30	0.0	
J253	JUNCTION	102.19	1.00	0.0	
J259	JUNCTION	99.32	1.00	0.0	
J26	JUNCTION	97.92	0.56	0.0	
J274	JUNCTION	91.38	1.00	0.0	
J276	JUNCTION	96.26	1.00	0.0	
J28	JUNCTION	100.32	0.69	0.0	
J29	JUNCTION	101.05	0.61	0.0	
J3	JUNCTION	102.30	0.44	0.0	
J30	JUNCTION	101.31	0.76	0.0	
J31	JUNCTION	101.81	0.74	0.0	
J32	JUNCTION	102.07	0.57	0.0	
J33	JUNCTION	94.89	1.00	0.0	
J34	JUNCTION	102.50	3.00	0.0	
J35	JUNCTION	94.77	1.00	0.0	
J36	JUNCTION	94.52	1.43	0.0	
J38	JUNCTION	96.70	1.90	0.0	
J39	JUNCTION	97.52	1.25	0.0	
J43	JUNCTION	94.81	1.00	0.0	
J46	JUNCTION	98.24	0.83	0.0	
J47	JUNCTION	97.20	1.26	0.0	
J48	JUNCTION	98.28	0.82	0.0	
J49	JUNCTION	101.00	1.00	0.0	
J5	JUNCTION	91.80	3.00	0.0	
J50	JUNCTION	98.83	1.17	0.0	
J51	JUNCTION	98.30	1.57	0.0	
J52	JUNCTION	100.00	1.00	0.0	
J53	JUNCTION	97.11	0.42	0.0	
J54	JUNCTION	99.09	1.26	0.0	
J55	JUNCTION	98.63	1.37	0.0	
J56	JUNCTION	97.60	0.94	0.0	
J58	JUNCTION	99.58	1.21	0.0	
J59	JUNCTION	99.10	1.11	0.0	
J60	JUNCTION	98.51	0.81	0.0	
J61	JUNCTION	98.31	0.78	0.0	
J62	JUNCTION	102.00	1.38	0.0	
J63	JUNCTION	99.60	3.85	0.0	
J64	JUNCTION	97.50	1.00	0.0	
J65	JUNCTION	99.15	1.13	0.0	
J66	JUNCTION	98.40	1.10	0.0	
J67	JUNCTION	96.00	2.00	0.0	
J68	JUNCTION	94.86	2.14	0.0	
J69	JUNCTION	94.64	2.36	0.0	
J70	JUNCTION	99.46	1.16	0.0	
J71	JUNCTION	98.00	0.47	0.0	
J72	JUNCTION	97.56	1.40	0.0	
J73	JUNCTION	99.79	1.00	0.0	
J8	JUNCTION	90.51	1.00	0.0	

J80	JUNCTION	98.08	1.00	0.0
J87	JUNCTION	99.98	1.07	0.0
J88	JUNCTION	101.60	0.85	0.0
J89	JUNCTION	97.65	0.85	0.0
J9	JUNCTION	97.63	1.37	0.0
J90	JUNCTION	102.50	0.30	0.0
J92	JUNCTION	98.28	1.00	0.0
J93	JUNCTION	99.20	1.97	0.0
J94	JUNCTION	97.82	0.66	0.0
PDDJ01	JUNCTION	96.67	0.49	0.0
PDDJ02	JUNCTION	96.64	0.69	0.0
PDDJ03	JUNCTION	96.61	0.99	0.0
PDDJ04	JUNCTION	96.52	1.84	0.0
PDDJ05	JUNCTION	96.30	2.90	0.0
PDDJ06	JUNCTION	96.18	2.87	0.0
PDDJ07	JUNCTION	96.05	0.68	0.0
PDDJ08	JUNCTION	95.50	0.87	0.0
PDDJ09	JUNCTION	95.29	1.05	0.0
PDDJ10	JUNCTION	95.15	1.22	0.0
PDDJ11	JUNCTION	94.30	0.97	0.0
T009007	JUNCTION	100.64	0.00	0.0
T012001	JUNCTION	101.00	0.81	0.0
T013002	JUNCTION	100.64	2.11	0.0
T013003	JUNCTION	100.81	1.83	0.0
T013006	JUNCTION	101.35	1.62	0.0
T013007	JUNCTION	101.66	1.78	0.0
T013012	JUNCTION	103.47	1.78	0.0
T013016	JUNCTION	103.45	1.78	0.0
T013019	JUNCTION	104.45	2.28	0.0
T013020	JUNCTION	104.78	2.80	0.0
T013021	JUNCTION	105.12	2.80	0.0
T013022	JUNCTION	105.45	1.81	0.0
T013023	JUNCTION	105.79	0.97	0.0
T013024	JUNCTION	106.12	1.96	0.0
T013025	JUNCTION	106.29	1.96	0.0
T013031	JUNCTION	107.32	1.76	0.0
T013032	JUNCTION	107.71	1.76	0.0
T013033	JUNCTION	108.26	1.76	0.0
T013037	JUNCTION	108.54	1.76	0.0
T013042	JUNCTION	108.52	1.76	0.0
T013044	JUNCTION	108.53	1.69	0.0
T013045	JUNCTION	108.54	1.69	0.0
T014001	JUNCTION	103.48	1.78	0.0
T015001	JUNCTION	104.54	1.35	0.0
T015003	JUNCTION	106.14	1.35	0.0
T016001	JUNCTION	108.62	1.76	0.0
T016003	JUNCTION	108.77	1.55	0.0
T043003	JUNCTION	101.17	1.83	0.0
OF-A	OUTFALL	91.50	0.70	0.0
OF-B	OUTFALL	93.23	0.70	0.0
OF-C	OUTFALL	94.15	0.60	0.0
OF-EX	OUTFALL	89.62	0.36	0.0
SU1	STORAGE	95.50	3.00	0.0

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
AR02_HDPE450	J61	J46	CONDUIT	15.0	0.4681	0.0100
AR1_HDPE600	25025	J36	CONDUIT	17.3	0.6747	0.0120
C10	J152	J253	CONDUIT	84.4	0.4739	0.0350
C100	J14	J274	CONDUIT	51.1	1.3304	0.0350
C101	J274	J8	CONDUIT	24.2	3.6035	0.0350
C103	J8	OF-EX	CONDUIT	143.4	0.6208	0.0350
C129	J60	J61	CONDUIT	36.5	0.5557	0.0350
C130	J62	J63	CONDUIT	31.7	7.6034	0.0680
C131	J47	SU1	CONDUIT	8.0	5.1568	0.0350
C132_1	J63	J93	CONDUIT	25.2	1.5869	0.0680
C132_2	J93	J65	CONDUIT	12.9	0.3881	0.0680
C133	J65	J66	CONDUIT	33.3	2.2498	0.0680
C134	J66	J67	CONDUIT	66.2	3.6274	0.0680
C135	J67	J68	CONDUIT	56.6	2.0177	0.0680
C136	J68	J69	CONDUIT	54.0	0.4059	0.0680
C137	J69	25025	CONDUIT	34.0	0.0088	0.0680
C1450_1	T015001	T013012	CONDUIT	198.3	0.5395	0.0350
C20	J53	DDJ14	CONDUIT	89.6	0.9375	0.0350
C25_3	J73	J259	CONDUIT	57.6	0.8094	0.0350
C26_1	J90	J3	CONDUIT	28.0	0.7217	0.0680
C26_2	J3	J32	CONDUIT	31.4	0.7197	0.0680
C26_5	J34	J62	CONDUIT	37.1	1.3490	0.0600
C30	J38	J24	CONDUIT	6.1	22.0074	0.0650
C30_3	J24	PDDJ02	CONDUIT	7.3	3.3678	0.0650

C36	J32	J31	CONDUIT	34.6	0.7581	0.0680
C45	J160	J253	CONDUIT	132.0	1.0225	0.0350
C46_1	J31	J88	CONDUIT	33.7	0.6313	0.0680
C46_2	J88	J30	CONDUIT	38.7	0.7461	0.0680
C47	J30	J29	CONDUIT	36.1	0.7142	0.0680
C50	J29	J28	CONDUIT	78.0	0.9316	0.0680
C57	J253	J117	CONDUIT	158.9	1.0950	0.0350
C60	J28	DDJ02	CONDUIT	26.0	1.1304	0.0680
C70	J117	J259	CONDUIT	111.5	1.0136	0.0350
C72	J58	J59	CONDUIT	25.5	1.8684	0.0350
C75	J259	J101	CONDUIT	45.7	0.5694	0.0350
C80	J59	J60	CONDUIT	28.5	2.0776	0.0350
C81	J101	J92	CONDUIT	79.2	0.9847	0.0350
C86	J92	J80	CONDUIT	38.0	0.5257	0.0350
C87	J80	J64	CONDUIT	60.7	0.9559	0.0350
C89	J64	J276	CONDUIT	56.3	2.2037	0.0350
C91	J276	J33	CONDUIT	154.1	0.8892	0.0350
C93	J33	J35	CONDUIT	44.1	0.2719	0.0350
C95	J35	J43	CONDUIT	103.2	-0.0388	0.0350
C96	J43	J17	CONDUIT	109.8	1.8944	0.0350
C99	J17	J14	CONDUIT	56.1	1.1939	0.0350
DDC01	DDJ01	DDJ02	CONDUIT	28.0	1.2461	0.0350
DDC02	DDJ02	DDJ03	CONDUIT	19.4	0.5767	0.0350
DDC03	DDJ03	DDJ04	CONDUIT	61.9	0.3717	0.0350
DDC04	DDJ04	DDJ05	CONDUIT	77.9	0.3903	0.0350
DDC05	DDJ05	DDJ06	CONDUIT	42.2	0.3837	0.0350
DDC06	DDJ06	DDJ07	CONDUIT	127.6	0.6625	0.0350
DDC07	DDJ07	DDJ08	CONDUIT	62.8	0.5602	0.0350
DDC08	DDJ08	DDJ09	CONDUIT	28.0	0.6074	0.0350
DDC09	DDJ09	DDJ10	CONDUIT	30.4	0.5425	0.0350
DDC10	DDJ10	DDJ11	CONDUIT	26.8	0.8441	0.0350
DDC11	DDJ11	DDJ12	CONDUIT	23.8	0.7828	0.0350
DDC12	DDJ12	DDJ13	CONDUIT	24.8	0.9636	0.0350
DDC13	DDJ13	DDJ14	CONDUIT	48.9	1.2055	0.0350
MDC01	J52	J70	CONDUIT	30.4	1.7706	0.0450
MDC02	J70	J54	CONDUIT	21.7	1.7065	0.0450
MDC03_HDPE600	J54	J55	CONDUIT	22.2	2.0628	0.0120
MDC04	J55	J51	CONDUIT	14.2	2.3445	0.0450
MDC05_HDPE900	J51	J39	CONDUIT	50.2	1.5543	0.0120
NDC01	J46	J71	CONDUIT	8.4	2.8347	0.0350
NDC02	J71	J26	CONDUIT	13.0	0.6634	0.0350
NDC03	J26	J94	CONDUIT	18.8	0.5118	0.0450
NDC04	J94	J89	CONDUIT	33.2	0.5153	0.0450
NDC05	J89	J56	CONDUIT	14.8	0.3371	0.0450
NDC06	J56	J39	CONDUIT	34.5	0.2319	0.0450
NDC07	J39	J47	CONDUIT	43.9	0.7216	0.0450
NDC08	J72	J47	CONDUIT	15.8	2.2581	0.0450
NDC09_HDPE600	J9	J72	CONDUIT	15.8	0.4239	0.0120
NDC10	J48	J9	CONDUIT	30.4	2.1489	0.0450
OFA_CC700	J5	OF-A	CONDUIT	24.5	1.2269	0.0160
OFB_CC700	16130	OF-B	CONDUIT	14.1	1.3571	0.0160
OFC_CC600	26456	OF-C	CONDUIT	18.5	0.4320	0.0160
PD_Is_HDPE300	SU1	J38	CONDUIT	10.0	-8.0358	0.0190
PDDC01	PDDJ01	PDDJ02	CONDUIT	6.2	0.4063	0.0350
PDDC02	PDDJ02	PDDJ03	CONDUIT	11.6	0.3108	0.0350
PDDC03	PDDJ03	PDDJ04	CONDUIT	23.5	0.3739	0.0350
PDDC04	PDDJ04	PDDJ05	CONDUIT	61.2	0.3610	0.0350
PDDC05	PDDJ05	PDDJ06	CONDUIT	40.2	0.2960	0.0350
PDDC06	PDDJ06	PDDJ07	CONDUIT	54.3	0.2411	0.0350
PDDC07	PDDJ07	PDDJ08	CONDUIT	38.4	1.4338	0.0350
PDDC08	PDDJ08	PDDJ09	CONDUIT	38.2	0.5552	0.0350
PDDC09	PDDJ09	PDDJ10	CONDUIT	25.3	0.5379	0.0350
PDDC10	PDDJ10	PDDJ11	CONDUIT	32.9	2.5936	0.0350
PUB_rd_DC01	26578	25025	CONDUIT	78.4	0.9229	0.0350
PUB_rd_DC02	J36	25010	CONDUIT	21.2	0.5671	0.0350
PUB_rd_DC03	25010	PDDJ11	CONDUIT	20.0	0.5005	0.0350
PUB_rd_DC04	PDDJ11	26456	CONDUIT	24.8	0.2823	0.0350
PUB_rd_DC05	26419	16017	CONDUIT	46.7	1.2295	0.0350
PUB_rd_DC06	16017	16130	CONDUIT	71.4	0.0056	0.0350
PUB_rd_DC07	J2	16130	CONDUIT	79.3	0.0996	0.0350
PUB_rd_DC08	16094	J5	CONDUIT	134.3	0.2800	0.0350
SDC01	J49	J87	CONDUIT	33.1	3.0879	0.0450
SDC02	J87	J50	CONDUIT	46.3	2.4850	0.0450
SDC03	J50	J51	CONDUIT	17.9	2.9541	0.0450
SMC14	DDJ14	16130	CONDUIT	259.5	1.0978	0.0350
U012001	T012001	DDJ03	CONDUIT	65.5	1.6540	0.0350
U013002	T013002	DDJ01	CONDUIT	33.8	0.7672	0.0350
U013003	T013003	T013002	CONDUIT	22.4	0.7941	0.0350
U013004	T043003	T013003	CONDUIT	43.7	0.8177	0.0350
U013006_2	T013006	T043003	CONDUIT	5.7	3.1238	0.0350
U013007	T013007	T013006	CONDUIT	36.6	0.8478	0.0350
U013008	T013012	T013007	CONDUIT	125.0	1.4481	0.0350
U013015	T013016	T013012	CONDUIT	57.1	-0.0350	0.0350
U013019	T013019	T013016	CONDUIT	28.3	3.5419	0.0350

U013020	T013020	T013019	CONDUIT	23.0	1.4552	0.0350
U013021	T013021	T013020	CONDUIT	23.2	1.4391	0.0350
U013022	T013022	T013021	CONDUIT	53.4	0.6253	0.0350
U013023	T013023	T013022	CONDUIT	42.9	0.7765	0.0350
U013024	T013024	T013023	CONDUIT	28.5	1.1722	0.0350
U013025	T013025	T013024	CONDUIT	94.1	0.1817	0.0350
U013026	T013031	T013025	CONDUIT	95.9	1.0726	0.0350
U013032	T013032	T013031	CONDUIT	140.8	0.2771	0.0350
U013033	T013033	T013032	CONDUIT	117.1	0.4695	0.0350
U013034	T013037	T013033	CONDUIT	154.0	0.1818	0.0350
U013038	T013042	T013037	CONDUIT	63.3	-0.0316	0.0350
U013044	T013044	T013042	CONDUIT	91.4	0.0109	0.0350
U013045	T013045	T013044	CONDUIT	49.4	0.0202	0.0350
U014001	T014001	T013012	CONDUIT	20.8	0.0482	0.0350
U015002	T015003	T015001	CONDUIT	278.1	0.5752	0.0350
U016001	T016001	T013037	CONDUIT	114.9	0.0670	0.0350
U016002	T016003	T016001	CONDUIT	52.3	0.2928	0.0350
OR1	J38	PDDJ01	ORIFICE			

Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
AR02_HDPE450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.25
AR1_HDPE600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.55
C10	TRAPEZOIDAL	0.60	1.92	0.41	4.40	1	2.08
C100	A100	0.71	6.52	0.35	18.54	1	10.64
C101	A101	0.84	7.08	0.37	18.97	1	19.75
C103	A103	0.36	2.17	0.16	13.16	1	1.47
C129	TRAPEZOIDAL	0.49	0.98	0.31	2.98	1	0.95
C130	TRAPEZOIDAL	1.38	5.19	0.72	6.52	1	16.96
C131	TRAPEZOIDAL	1.26	3.79	0.62	5.53	1	17.85
C132_1	TRAPEZOIDAL	1.97	9.71	0.99	8.87	1	17.87
C132_2	TRAPEZOIDAL	1.13	3.68	0.61	5.52	1	2.42
C133	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	4.43
C134	TRAPEZOIDAL	0.84	2.24	0.47	4.35	1	3.80
C135	TRAPEZOIDAL	0.97	2.85	0.53	4.88	1	3.92
C136	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	1.88
C137	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	0.28
C1450_1	T-C1450_1	0.72	48.96	0.45	109.00	1	60.06
C20	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1	0.82
C25_3	A25	0.16	0.78	0.08	9.50	1	0.38
C26_1	TRAPEZOIDAL	0.30	0.48	0.20	2.20	1	0.21
C26_2	TRAPEZOIDAL	0.30	0.48	0.20	2.20	1	0.21
C26_5	TRAPEZOIDAL	0.73	1.78	0.42	3.90	1	1.93
C30	RECT_OPEN	0.30	0.60	0.23	2.00	1	1.63
C30_3	TRAPEZOIDAL	0.30	0.87	0.22	3.80	1	0.90
C36	TRAPEZOIDAL	0.45	0.87	0.29	2.82	1	0.48
C45	TRAPEZOIDAL	0.60	1.92	0.41	4.40	1	3.06
C46_1	TRAPEZOIDAL	0.55	1.16	0.33	3.20	1	0.65
C46_2	TRAPEZOIDAL	0.69	1.63	0.40	3.74	1	1.12
C47	TRAPEZOIDAL	0.61	1.35	0.36	3.44	1	0.86
C50	TRAPEZOIDAL	0.60	1.32	0.36	3.40	1	0.95
C57	A57	0.25	1.13	0.15	7.56	1	0.94
C60	TRAPEZOIDAL	0.69	2.99	0.49	5.74	1	2.92
C70	A70	0.95	25.32	0.62	40.00	1	52.78
C72	TRAPEZOIDAL	0.99	2.93	0.54	4.94	1	7.61
C75	TRAPEZOIDAL	1.00	4.00	0.62	6.00	1	6.26
C80	TRAPEZOIDAL	0.72	1.75	0.42	3.88	1	4.02
C81	A81	0.13	0.54	0.07	8.04	1	0.25
C86	TRAPEZOIDAL	1.00	4.00	0.62	6.00	1	6.01
C87	A87	0.60	5.37	0.36	14.68	1	7.64
C89	A89	0.68	5.95	0.38	15.45	1	13.32
C91	A91	0.83	4.29	0.43	9.35	1	6.54
C93	A93	0.74	4.44	0.28	16.58	1	2.84
C95	A95	0.60	3.11	0.23	13.46	1	0.65
C96	A96	1.00	11.25	0.62	17.88	1	32.28
C99	A99	1.02	10.34	0.56	18.28	1	21.92
DDC01	TRAPEZOIDAL	0.70	2.89	0.45	6.22	1	5.41
DDC02	TRAPEZOIDAL	0.84	3.83	0.52	7.06	1	5.38
DDC03	TRAPEZOIDAL	1.34	9.37	0.82	11.02	1	14.29
DDC04	TRAPEZOIDAL	1.29	8.86	0.79	10.74	1	13.57
DDC05	TRAPEZOIDAL	1.32	9.21	0.81	10.93	1	14.17
DDC06	TRAPEZOIDAL	1.33	9.32	0.82	10.99	1	18.92
DDC07	TRAPEZOIDAL	1.36	9.67	0.83	11.18	1	18.30
DDC08	TRAPEZOIDAL	1.13	7.21	0.71	9.77	1	12.79
DDC09	TRAPEZOIDAL	1.08	6.76	0.69	9.49	1	11.07
DDC10	TRAPEZOIDAL	0.99	5.88	0.64	8.92	1	11.43
DDC11	TRAPEZOIDAL	0.84	4.60	0.56	8.02	1	7.87
DDC12	TRAPEZOIDAL	0.79	3.43	0.49	6.72	1	5.98
DDC13	TRAPEZOIDAL	0.81	4.39	0.54	7.85	1	9.15

MDC01	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	5.94
MDC02	TRAPEZOIDAL	0.98	2.90	0.54	4.92	1	5.56
MDC03_HDPE600	CIRCULAR	0.75	0.44	0.19	0.75	1	1.73
MDC04	TRAPEZOIDAL	1.37	6.46	0.80	7.46	1	18.91
MDC05_HDPE900	CIRCULAR	0.90	0.64	0.23	0.90	1	2.45
NDC01	TRAPEZOIDAL	0.47	0.92	0.29	2.89	1	1.96
NDC02	TRAPEZOIDAL	0.47	0.92	0.29	2.89	1	0.95
NDC03	TRAPEZOIDAL	0.56	1.17	0.34	3.22	1	0.90
NDC04	TRAPEZOIDAL	0.66	1.55	0.39	3.66	1	1.32
NDC05	TRAPEZOIDAL	0.85	3.99	0.59	6.40	1	3.62
NDC06	TRAPEZOIDAL	0.85	2.30	0.48	4.40	1	1.51
NDC07	TRAPEZOIDAL	1.25	4.35	0.66	5.98	1	6.23
NDC08	TRAPEZOIDAL	1.26	4.42	0.67	6.03	1	11.26
NDC09_HDPE600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.43
NDC10	TRAPEZOIDAL	0.82	2.17	0.46	4.28	1	4.24
OFA_CC700	CIRCULAR	0.70	0.38	0.17	0.70	1	0.83
OFB_CC700	CIRCULAR	0.70	0.38	0.17	0.70	1	0.88
OFC_CC600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.33
PD_IS_HDPE300	CIRCULAR	0.30	0.07	0.07	0.30	1	0.19
PDDC01	TRAPEZOIDAL	0.49	0.73	0.27	2.46	1	0.55
PDDC02	TRAPEZOIDAL	0.57	0.93	0.31	2.78	1	0.68
PDDC03	TRAPEZOIDAL	0.86	1.90	0.44	3.93	1	1.92
PDDC04	TRAPEZOIDAL	1.62	6.07	0.78	6.98	1	8.85
PDDC05	TRAPEZOIDAL	1.61	6.00	0.78	6.94	1	7.89
PDDC06	TRAPEZOIDAL	0.68	1.27	0.36	3.23	1	0.90
PDDC07	TRAPEZOIDAL	0.60	1.02	0.32	2.90	1	1.63
PDDC08	TRAPEZOIDAL	0.80	1.68	0.41	3.70	1	1.98
PDDC09	TRAPEZOIDAL	0.80	1.68	0.41	3.70	1	1.95
PDDC10	TRAPEZOIDAL	0.80	1.68	0.41	3.70	1	4.28
PUB_rd_DC01	T-C61	1.40	31.09	1.06	28.33	1	88.90
PUB_rd_DC02	T-C71	0.39	4.46	0.17	26.00	1	2.95
PUB_rd_DC03	T-C74	0.96	12.73	0.52	24.00	1	16.72
PUB_rd_DC04	T-C76	0.89	9.82	0.54	18.00	1	9.88
PUB_rd_DC05	T-C84	0.77	30.99	0.57	54.00	1	67.19
PUB_rd_DC06	T-C97	1.77	85.87	0.94	89.98	1	17.67
PUB_rd_DC07	T-C1	1.19	26.94	0.97	27.26	1	23.83
PUB_rd_DC08	T-C8	1.38	56.32	0.90	62.00	1	79.31
SDC01	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	7.85
SDC02	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	7.04
SDC03	TRAPEZOIDAL	1.17	5.08	0.70	6.68	1	15.32
SMC14	T-SMC14	0.69	5.14	0.41	12.33	1	8.50
U012001	T-U012001	0.81	26.73	0.39	68.28	1	52.42
U013002	321	2.11	236.17	1.27	184.00	1	694.43
U013003	320	1.62	149.95	0.78	199.32	1	322.26
U013004	319	1.83	119.20	0.94	126.00	1	295.49
U013006_2	320	1.62	149.95	0.78	199.32	1	639.17
U013007	320	1.62	149.95	0.78	199.32	1	332.98
U013008	311	1.78	234.40	1.06	220.01	1	836.66
U013015	304	1.78	234.40	1.06	220.01	1	130.08
U013019	301	1.35	173.02	0.99	173.00	1	925.47
U013020	300	2.28	281.58	1.39	200.35	1	1207.68
U013021	299	2.80	352.47	1.56	223.17	1	1627.10
U013022	297	1.81	249.24	1.08	228.85	1	592.24
U013023	295	0.97	74.28	0.49	151.00	1	116.20
U013024	295	0.97	74.28	0.49	151.00	1	142.76
U013025	288	1.96	244.18	1.27	191.00	1	348.79
U013026	287	1.76	182.44	1.04	174.00	1	554.91
U013032	287	1.76	182.44	1.04	174.00	1	282.04
U013033	257	1.76	197.17	1.53	129.00	1	512.48
U013034	257	1.76	197.17	1.53	129.00	1	318.92
U013038	257	1.76	197.17	1.53	129.00	1	132.94
U013044	248	1.69	187.98	1.05	177.16	1	58.19
U013045	248	1.69	187.98	1.05	177.16	1	79.15
U014001	304	1.78	234.40	1.06	220.01	1	152.58
U015002	293	1.35	173.02	0.99	173.00	1	372.97
U016001	257	1.76	197.17	1.53	129.00	1	193.61
U016002	261	1.55	116.51	1.32	87.00	1	216.45

Transect Summary

Transect 248
Area:

0.0012	0.0050	0.0106	0.0178	0.0259
0.0340	0.0429	0.0542	0.0667	0.0796
0.0931	0.1071	0.1213	0.1358	0.1505
0.1653	0.1805	0.1959	0.2117	0.2280
0.2450	0.2628	0.2814	0.3011	0.3217
0.3427	0.3643	0.3862	0.4085	0.4313
0.4544	0.4779	0.5019	0.5264	0.5514
0.5777	0.6051	0.6334	0.6623	0.6915
0.7212	0.7514	0.7817	0.8122	0.8430

Hrad:	0.8740	0.9053	0.9367	0.9683	1.0000
	0.0147	0.0360	0.0555	0.0720	0.1021
	0.1321	0.1589	0.1781	0.1982	0.2216
	0.2454	0.2692	0.2933	0.3185	0.3437
	0.3688	0.3925	0.4125	0.4361	0.4582
	0.4791	0.4996	0.5155	0.5068	0.5203
	0.5389	0.5419	0.5629	0.5886	0.6148
	0.6408	0.6633	0.6801	0.7022	0.7193
	0.7297	0.7480	0.7373	0.7611	0.7846
	0.7929	0.8217	0.8502	0.8783	0.9060
	0.9332	0.9215	0.9501	0.9783	1.0000
Width:	0.0896	0.1428	0.2058	0.2484	0.2537
	0.2600	0.3086	0.3782	0.4019	0.4134
	0.4288	0.4432	0.4496	0.4564	0.4630
	0.4698	0.4780	0.4903	0.4994	0.5213
	0.5446	0.5717	0.5967	0.6361	0.6522
	0.6688	0.6790	0.6951	0.7034	0.7191
	0.7301	0.7426	0.7603	0.7731	0.8026
	0.8412	0.8758	0.8973	0.9097	0.9217
	0.9413	0.9473	0.9533	0.9597	0.9668
	0.9755	0.9824	0.9859	0.9897	1.0000
Transect 257					
Area:					
	0.0009	0.0043	0.0155	0.0326	0.0513
	0.0705	0.0900	0.1096	0.1293	0.1491
	0.1689	0.1889	0.2089	0.2290	0.2493
	0.2695	0.2899	0.3103	0.3308	0.3515
	0.3722	0.3930	0.4139	0.4349	0.4559
	0.4771	0.4983	0.5195	0.5408	0.5622
	0.5836	0.6050	0.6265	0.6481	0.6696
	0.6913	0.7129	0.7346	0.7564	0.7782
	0.8000	0.8219	0.8439	0.8659	0.8880
	0.9101	0.9323	0.9546	0.9772	1.0000
Hrad:	0.0127	0.0220	0.0268	0.0418	0.0625
	0.0832	0.1057	0.1281	0.1504	0.1726
	0.1947	0.2166	0.2384	0.2604	0.2824
	0.3042	0.3258	0.3473	0.3687	0.3899
	0.4110	0.4319	0.4528	0.4740	0.4951
	0.5162	0.5378	0.5594	0.5809	0.6024
	0.6239	0.6453	0.6669	0.6884	0.7098
	0.7312	0.7526	0.7739	0.7952	0.8162
	0.8371	0.8578	0.8785	0.8991	0.9196
	0.9389	0.9582	0.9758	0.9856	1.0000
Width:	0.0755	0.2466	0.6479	0.7914	0.8230
	0.8434	0.8478	0.8515	0.8552	0.8589
	0.8629	0.8673	0.8717	0.8749	0.8776
	0.8811	0.8847	0.8883	0.8922	0.8961
	0.9002	0.9045	0.9086	0.9119	0.9153
	0.9186	0.9207	0.9228	0.9250	0.9271
	0.9293	0.9313	0.9332	0.9351	0.9369
	0.9388	0.9406	0.9425	0.9443	0.9465
	0.9487	0.9511	0.9534	0.9558	0.9583
	0.9619	0.9656	0.9708	0.9839	1.0000
Transect 261					
Area:					
	0.0008	0.0049	0.0157	0.0315	0.0488
	0.0664	0.0840	0.1018	0.1196	0.1376
	0.1558	0.1743	0.1935	0.2136	0.2338
	0.2541	0.2745	0.2950	0.3157	0.3366
	0.3578	0.3791	0.4005	0.4221	0.4436
	0.4652	0.4869	0.5086	0.5303	0.5521
	0.5739	0.5958	0.6178	0.6398	0.6619
	0.6840	0.7062	0.7284	0.7507	0.7731
	0.7955	0.8179	0.8404	0.8630	0.8857
	0.9084	0.9311	0.9540	0.9769	1.0000
Hrad:	0.0094	0.0196	0.0284	0.0442	0.0654
	0.0881	0.1110	0.1338	0.1564	0.1789
	0.2007	0.2219	0.2336	0.2478	0.2699
	0.2919	0.3136	0.3352	0.3555	0.3749
	0.3926	0.4141	0.4355	0.4573	0.4795
	0.5017	0.5238	0.5458	0.5678	0.5896
	0.6110	0.6322	0.6534	0.6745	0.6959
	0.7172	0.7385	0.7597	0.7809	0.8018
	0.8225	0.8432	0.8638	0.8843	0.9045
	0.9247	0.9447	0.9641	0.9821	1.0000
Width:					
	0.1045	0.3072	0.6073	0.7380	0.7556

	0.7620	0.7661	0.7701	0.7741	0.7816
	0.7945	0.8097	0.8553	0.8719	0.8762
	0.8805	0.8852	0.8902	0.8979	0.9077
	0.9213	0.9251	0.9289	0.9319	0.9337
	0.9356	0.9374	0.9392	0.9411	0.9431
	0.9458	0.9486	0.9513	0.9540	0.9562
	0.9584	0.9606	0.9628	0.9650	0.9675
	0.9701	0.9727	0.9752	0.9779	0.9808
	0.9837	0.9866	0.9901	0.9951	1.0000

Transect 287

Area:	0.0007	0.0025	0.0050	0.0094	0.0150
	0.0223	0.0312	0.0412	0.0518	0.0631
	0.0748	0.0868	0.0993	0.1126	0.1265
	0.1407	0.1560	0.1732	0.1910	0.2097
	0.2296	0.2501	0.2709	0.2923	0.3143
	0.3369	0.3597	0.3827	0.4060	0.4294
	0.4533	0.4776	0.5023	0.5272	0.5524
	0.5781	0.6048	0.6325	0.6611	0.6903
	0.7198	0.7496	0.7796	0.8100	0.8406
	0.8715	0.9028	0.9344	0.9669	1.0000

Hrad:	0.0174	0.0403	0.0624	0.0700	0.0863
	0.1043	0.1231	0.1412	0.1615	0.1871
	0.2153	0.2428	0.2691	0.2752	0.3036
	0.3286	0.3363	0.3340	0.3621	0.3777
	0.3923	0.4087	0.4310	0.4572	0.4820
	0.4972	0.5269	0.5566	0.5871	0.6174
	0.6471	0.6655	0.6946	0.7232	0.7508
	0.7776	0.8016	0.7850	0.7803	0.8050
	0.8333	0.8613	0.8893	0.8900	0.9189
	0.9497	0.9802	0.9925	0.9932	1.0000

Width:	0.0388	0.0622	0.1001	0.1472	0.1932
	0.2439	0.2840	0.3062	0.3277	0.3432
	0.3525	0.3629	0.3840	0.4107	0.4181
	0.4292	0.4928	0.5252	0.5392	0.5788
	0.6051	0.6133	0.6294	0.6481	0.6639
	0.6780	0.6829	0.6894	0.6960	0.7026
	0.7203	0.7310	0.7387	0.7463	0.7564
	0.7833	0.8082	0.8416	0.8655	0.8768
	0.8839	0.8911	0.9005	0.9100	0.9179
	0.9267	0.9355	0.9539	0.9783	1.0000

Transect 288

Area:	0.0010	0.0041	0.0080	0.0120	0.0166
	0.0221	0.0281	0.0356	0.0450	0.0559
	0.0679	0.0809	0.0946	0.1096	0.1256
	0.1424	0.1601	0.1785	0.1973	0.2166
	0.2362	0.2562	0.2767	0.2976	0.3190
	0.3408	0.3630	0.3854	0.4081	0.4313
	0.4551	0.4794	0.5046	0.5303	0.5570
	0.5842	0.6121	0.6408	0.6699	0.6991
	0.7284	0.7581	0.7882	0.8183	0.8485
	0.8787	0.9089	0.9392	0.9695	1.0000

Hrad:	0.0152	0.0357	0.0624	0.0906	0.1150
	0.1343	0.1474	0.1574	0.1727	0.1854
	0.1964	0.2125	0.2323	0.2523	0.2716
	0.2912	0.3094	0.3223	0.3397	0.3603
	0.3816	0.4027	0.4234	0.4433	0.4642
	0.4773	0.5019	0.5261	0.5490	0.5716
	0.5843	0.6050	0.6063	0.6281	0.6415
	0.6642	0.6855	0.7086	0.7021	0.7300
	0.7578	0.7764	0.8003	0.8300	0.8597
	0.8893	0.9189	0.9476	0.9756	1.0000

Width:	0.0712	0.1182	0.1278	0.1435	0.1608
	0.1880	0.2146	0.2825	0.3407	0.3743
	0.4091	0.4352	0.4718	0.5087	0.5359
	0.5661	0.5886	0.6099	0.6231	0.6356
	0.6484	0.6618	0.6765	0.6914	0.7048
	0.7199	0.7286	0.7376	0.7480	0.7684
	0.7854	0.8099	0.8356	0.8533	0.8810
	0.8972	0.9292	0.9437	0.9542	0.9578
	0.9614	0.9781	0.9849	0.9860	0.9870
	0.9881	0.9891	0.9911	0.9938	1.0000

Transect 293

Area:	0.0002	0.0017	0.0076	0.0180	0.0315
	0.0464	0.0618	0.0777	0.0941	0.1106

Hrad:	0.1274	0.1444	0.1616	0.1788	0.1961
	0.2134	0.2308	0.2482	0.2657	0.2835
	0.3019	0.3211	0.3410	0.3615	0.3822
	0.4035	0.4256	0.4481	0.4709	0.4941
	0.5176	0.5414	0.5655	0.5897	0.6140
	0.6384	0.6629	0.6876	0.7125	0.7379
	0.7633	0.7888	0.8144	0.8401	0.8661
	0.8925	0.9193	0.9461	0.9730	1.0000
	0.0122	0.0174	0.0286	0.0426	0.0596
	0.0841	0.1083	0.1314	0.1552	0.1800
Width:	0.2047	0.2290	0.2554	0.2816	0.3078
	0.3339	0.3599	0.3859	0.4116	0.4365
	0.4603	0.4522	0.4721	0.4782	0.4958
	0.5115	0.5194	0.5446	0.5692	0.5932
	0.5929	0.6124	0.6356	0.6601	0.6832
	0.7072	0.7314	0.7553	0.7635	0.7873
	0.8113	0.8358	0.8602	0.8838	0.9065
	0.9044	0.9287	0.9532	0.9771	1.0000
	0.0201	0.1337	0.2971	0.4551	0.5431
	0.5612	0.5780	0.5961	0.6082	0.6168
Transect 295 Area:	0.6247	0.6328	0.6349	0.6370	0.6391
	0.6411	0.6430	0.6450	0.6525	0.6634
	0.6964	0.7225	0.7489	0.7581	0.7730
	0.8025	0.8218	0.8377	0.8487	0.8649
	0.8755	0.8866	0.8920	0.8954	0.9007
	0.9046	0.9081	0.9118	0.9347	0.9386
	0.9420	0.9449	0.9477	0.9514	0.9687
	0.9875	0.9903	0.9928	0.9960	1.0000
	0.0003	0.0010	0.0019	0.0030	0.0042
	0.0056	0.0069	0.0084	0.0100	0.0117
Hrad:	0.0135	0.0155	0.0190	0.0252	0.0351
	0.0484	0.0646	0.0820	0.1003	0.1191
	0.1385	0.1583	0.1787	0.1995	0.2207
	0.2424	0.2646	0.2869	0.3101	0.3335
	0.3572	0.3810	0.4053	0.4311	0.4591
	0.4887	0.5195	0.5513	0.5851	0.6198
	0.6554	0.6919	0.7293	0.7673	0.8055
	0.8439	0.8826	0.9215	0.9606	1.0000
	0.0211	0.0474	0.0750	0.1022	0.1327
	0.1618	0.1896	0.2165	0.2421	0.2666
Width:	0.2906	0.3103	0.3012	0.2603	0.2014
	0.1965	0.2057	0.2230	0.2483	0.2749
	0.3032	0.3311	0.3443	0.3772	0.4068
	0.4361	0.4694	0.5028	0.5239	0.5590
	0.5943	0.6263	0.6511	0.6805	0.6970
	0.7239	0.7510	0.7757	0.7070	0.7411
	0.7726	0.8025	0.7645	0.7946	0.8302
	0.8655	0.8985	0.9321	0.9655	1.0000
	0.0138	0.0211	0.0257	0.0296	0.0319
	0.0343	0.0366	0.0389	0.0413	0.0438
Transect 297 Area:	0.0463	0.0592	0.1186	0.1969	0.3025
	0.3850	0.4315	0.4577	0.4699	0.4830
	0.4954	0.5102	0.5230	0.5313	0.5434
	0.5560	0.5635	0.5706	0.5917	0.5966
	0.6009	0.6083	0.6272	0.6747	0.7351
	0.7626	0.7934	0.8281	0.8739	0.8887
	0.9079	0.9393	0.9541	0.9657	0.9703
	0.9751	0.9822	0.9885	0.9949	1.0000
	0.0003	0.0012	0.0025	0.0040	0.0056
	0.0084	0.0120	0.0159	0.0200	0.0249
Hrad:	0.0313	0.0386	0.0469	0.0565	0.0668
	0.0778	0.0900	0.1032	0.1195	0.1387
	0.1595	0.1808	0.2027	0.2253	0.2481
	0.2714	0.2950	0.3189	0.3435	0.3692
	0.3961	0.4243	0.4536	0.4832	0.5135
	0.5445	0.5759	0.6077	0.6400	0.6723
	0.7046	0.7371	0.7697	0.8025	0.8353
	0.8682	0.9010	0.9340	0.9670	1.0000
	0.0210	0.0338	0.0615	0.0872	0.1125
	0.0821	0.1107	0.1387	0.1656	0.1848
	0.1868	0.2053	0.2169	0.2088	0.2319
	0.2502	0.2638	0.2868	0.3016	0.3125
	0.3199	0.3376	0.3557	0.3394	0.3683

Width:	0.3942	0.4227	0.4496	0.4683	0.4932
	0.5153	0.5361	0.5195	0.5481	0.5728
	0.5993	0.6271	0.6498	0.6594	0.6909
	0.7226	0.7542	0.7812	0.8128	0.8449
	0.8770	0.9091	0.9407	0.9721	1.0000
	0.0130	0.0367	0.0414	0.0458	0.0582
	0.1068	0.1141	0.1201	0.1271	0.1706
	0.2122	0.2290	0.2743	0.3010	0.3178
	0.3550	0.3772	0.4301	0.5442	0.6067
	0.6343	0.6511	0.6704	0.6844	0.6929
Hrad:	0.7066	0.7157	0.7272	0.7583	0.7983
	0.8248	0.8727	0.8866	0.9028	0.9286
	0.9365	0.9548	0.9672	0.9722	0.9745
	0.9765	0.9784	0.9865	0.9883	0.9894
	0.9905	0.9916	0.9931	0.9948	1.0000
Transect 299					
Area:					
Hrad:	0.0012	0.0034	0.0066	0.0105	0.0152
	0.0213	0.0281	0.0355	0.0439	0.0533
	0.0647	0.0768	0.0897	0.1033	0.1182
	0.1342	0.1506	0.1678	0.1853	0.2031
	0.2211	0.2392	0.2578	0.2769	0.2961
	0.3155	0.3352	0.3552	0.3764	0.3984
	0.4209	0.4439	0.4675	0.4916	0.5163
	0.5415	0.5678	0.5961	0.6271	0.6596
	0.6925	0.7257	0.7592	0.7930	0.8271
	0.8615	0.8959	0.9304	0.9650	1.0000
Width:	0.0242	0.0503	0.0648	0.0936	0.1047
	0.1163	0.1443	0.1697	0.1867	0.1934
	0.1940	0.2191	0.2371	0.2672	0.2672
	0.2946	0.3210	0.3428	0.3737	0.4051
	0.4362	0.4670	0.4970	0.5137	0.5459
	0.5756	0.6023	0.6299	0.6304	0.6575
	0.6840	0.7094	0.7310	0.7536	0.7783
	0.8023	0.8189	0.8270	0.7493	0.7678
	0.7962	0.8250	0.8540	0.8295	0.8543
	0.8870	0.9207	0.9545	0.9882	1.0000
Hrad:	0.0555	0.0731	0.1023	0.1203	0.1465
	0.1846	0.2006	0.2183	0.2488	0.2908
	0.3354	0.3527	0.3805	0.3890	0.4448
	0.4581	0.4719	0.4924	0.4989	0.5043
	0.5097	0.5160	0.5317	0.5420	0.5455
	0.5512	0.5597	0.5715	0.6152	0.6280
	0.6421	0.6562	0.6732	0.6900	0.7031
	0.7240	0.7646	0.8355	0.9069	0.9248
	0.9340	0.9416	0.9482	0.9573	0.9693
	0.9721	0.9737	0.9752	0.9787	1.0000
Transect 300					
Area:					
Hrad:	0.0002	0.0016	0.0049	0.0095	0.0159
	0.0235	0.0316	0.0402	0.0492	0.0594
	0.0709	0.0849	0.0998	0.1151	0.1306
	0.1464	0.1626	0.1791	0.1963	0.2145
	0.2332	0.2525	0.2725	0.2931	0.3149
	0.3386	0.3632	0.3885	0.4140	0.4399
	0.4661	0.4924	0.5190	0.5456	0.5723
	0.5991	0.6260	0.6532	0.6806	0.7081
	0.7357	0.7633	0.7912	0.8195	0.8480
	0.8769	0.9065	0.9369	0.9680	1.0000
Width:	0.0147	0.0234	0.0418	0.0632	0.0735
	0.0960	0.1250	0.1494	0.1752	0.1952
	0.2107	0.2035	0.2149	0.2444	0.2731
	0.2992	0.3241	0.3521	0.3706	0.3960
	0.4204	0.4450	0.4580	0.4832	0.5058
	0.5265	0.5471	0.5680	0.5894	0.6109
	0.5773	0.6054	0.6342	0.6644	0.6951
	0.7257	0.7526	0.7752	0.8046	0.8346
	0.8649	0.8951	0.9235	0.9519	0.9803
	0.9872	0.9783	0.9914	1.0160	1.0000
Hrad:	0.0188	0.0841	0.1258	0.1720	0.2175
	0.2469	0.2552	0.2710	0.2902	0.3340
	0.4055	0.4463	0.4680	0.4746	0.4818
	0.4931	0.5056	0.5161	0.5487	0.5680
	0.5868	0.6042	0.6281	0.6434	0.7090
	0.7494	0.7699	0.7843	0.7929	0.8031
	0.8103	0.8161	0.8208	0.8235	0.8255
	0.8274	0.8335	0.8442	0.8472	0.8496

	0.8516	0.8542	0.8671	0.8754	0.8829
	0.9011	0.9267	0.9470	0.9711	1.0000
Transect 301					
Area:					
	0.0002	0.0017	0.0076	0.0180	0.0315
	0.0464	0.0618	0.0777	0.0941	0.1106
	0.1274	0.1444	0.1616	0.1788	0.1961
	0.2134	0.2308	0.2482	0.2657	0.2835
	0.3019	0.3211	0.3410	0.3615	0.3822
	0.4035	0.4256	0.4481	0.4709	0.4941
	0.5176	0.5414	0.5655	0.5897	0.6140
	0.6384	0.6629	0.6876	0.7125	0.7379
	0.7633	0.7888	0.8144	0.8401	0.8661
	0.8925	0.9193	0.9461	0.9730	1.0000
Hrad:					
	0.0122	0.0174	0.0286	0.0426	0.0596
	0.0841	0.1083	0.1314	0.1552	0.1800
	0.2047	0.2290	0.2554	0.2816	0.3078
	0.3339	0.3599	0.3859	0.4116	0.4365
	0.4603	0.4522	0.4721	0.4782	0.4958
	0.5115	0.5194	0.5446	0.5692	0.5932
	0.5929	0.6124	0.6356	0.6601	0.6832
	0.7072	0.7314	0.7553	0.7635	0.7873
	0.8113	0.8358	0.8602	0.8838	0.9065
	0.9044	0.9287	0.9532	0.9771	1.0000
Width:					
	0.0201	0.1337	0.2971	0.4551	0.5431
	0.5612	0.5780	0.5961	0.6082	0.6168
	0.6247	0.6328	0.6349	0.6370	0.6391
	0.6411	0.6430	0.6450	0.6525	0.6634
	0.6964	0.7225	0.7489	0.7581	0.7730
	0.8025	0.8218	0.8377	0.8487	0.8649
	0.8755	0.8866	0.8920	0.8954	0.9007
	0.9046	0.9081	0.9118	0.9347	0.9386
	0.9420	0.9449	0.9477	0.9514	0.9687
	0.9875	0.9903	0.9928	0.9960	1.0000
Transect 304					
Area:					
	0.0002	0.0013	0.0029	0.0049	0.0072
	0.0100	0.0131	0.0167	0.0209	0.0261
	0.0327	0.0401	0.0483	0.0577	0.0681
	0.0797	0.0920	0.1048	0.1185	0.1340
	0.1515	0.1710	0.1921	0.2151	0.2395
	0.2644	0.2898	0.3163	0.3438	0.3721
	0.4009	0.4303	0.4603	0.4905	0.5209
	0.5515	0.5825	0.6136	0.6449	0.6763
	0.7079	0.7396	0.7716	0.8036	0.8359
	0.8683	0.9009	0.9338	0.9668	1.0000
Hrad:					
	0.0134	0.0290	0.0533	0.0776	0.0918
	0.1125	0.1349	0.1442	0.1657	0.1587
	0.1521	0.1791	0.2024	0.2036	0.2252
	0.2475	0.2700	0.2807	0.3006	0.3202
	0.3352	0.3479	0.3618	0.3295	0.3253
	0.3553	0.3835	0.4081	0.4328	0.4586
	0.4601	0.4883	0.5113	0.5412	0.5716
	0.5975	0.6273	0.6581	0.6883	0.7178
	0.7467	0.7756	0.8058	0.8349	0.8635
	0.8927	0.9192	0.9462	0.9755	1.0000
Width:					
	0.0185	0.0446	0.0548	0.0631	0.0784
	0.0891	0.0975	0.1163	0.1360	0.1732
	0.2156	0.2243	0.2644	0.2941	0.3339
	0.3574	0.3747	0.3932	0.4417	0.4959
	0.5548	0.6122	0.6577	0.7166	0.7384
	0.7542	0.7712	0.8118	0.8365	0.8536
	0.8737	0.8904	0.9025	0.9085	0.9134
	0.9250	0.9305	0.9342	0.9385	0.9436
	0.9493	0.9548	0.9585	0.9634	0.9688
	0.9732	0.9806	0.9871	0.9912	1.0000
Transect 311					
Area:					
	0.0002	0.0013	0.0029	0.0049	0.0072
	0.0100	0.0131	0.0167	0.0209	0.0261
	0.0327	0.0401	0.0483	0.0577	0.0681
	0.0797	0.0920	0.1048	0.1185	0.1340
	0.1515	0.1710	0.1921	0.2151	0.2395
	0.2644	0.2898	0.3163	0.3438	0.3721
	0.4009	0.4303	0.4603	0.4905	0.5209
	0.5515	0.5825	0.6136	0.6449	0.6763
	0.7079	0.7396	0.7716	0.8036	0.8359

Hrad:	0.8683	0.9009	0.9338	0.9668	1.0000
	0.0134	0.0290	0.0533	0.0776	0.0918
	0.1125	0.1349	0.1442	0.1657	0.1587
	0.1521	0.1791	0.2024	0.2036	0.2252
	0.2475	0.2700	0.2807	0.3006	0.3202
	0.3352	0.3479	0.3618	0.3295	0.3253
	0.3553	0.3835	0.4081	0.4328	0.4586
	0.4601	0.4883	0.5113	0.5412	0.5716
	0.5975	0.6273	0.6581	0.6883	0.7178
	0.7467	0.7756	0.8058	0.8349	0.8635
	0.8927	0.9192	0.9462	0.9755	1.0000
Width:	0.0185	0.0446	0.0548	0.0631	0.0784
	0.0891	0.0975	0.1163	0.1360	0.1732
	0.2156	0.2243	0.2644	0.2941	0.3339
	0.3574	0.3747	0.3932	0.4417	0.4959
	0.5548	0.6122	0.6577	0.7166	0.7384
	0.7542	0.7712	0.8118	0.8365	0.8536
	0.8737	0.8904	0.9025	0.9085	0.9134
	0.9250	0.9305	0.9342	0.9385	0.9436
	0.9493	0.9548	0.9585	0.9634	0.9688
	0.9732	0.9806	0.9871	0.9912	1.0000
Transect 319					
Area:	0.0012	0.0045	0.0089	0.0142	0.0200
	0.0265	0.0345	0.0436	0.0539	0.0650
	0.0765	0.0885	0.1010	0.1141	0.1278
	0.1418	0.1564	0.1714	0.1868	0.2027
	0.2191	0.2361	0.2535	0.2714	0.2897
	0.3085	0.3278	0.3476	0.3679	0.3893
	0.4124	0.4361	0.4608	0.4862	0.5123
	0.5391	0.5667	0.5951	0.6242	0.6542
	0.6858	0.7185	0.7518	0.7856	0.8198
	0.8544	0.8893	0.9252	0.9621	1.0000
Hrad:	0.0186	0.0448	0.0711	0.0997	0.1271
	0.1351	0.1555	0.1745	0.1941	0.2229
	0.2529	0.2817	0.3046	0.3313	0.3582
	0.3854	0.4116	0.4370	0.4624	0.4868
	0.5113	0.5335	0.5573	0.5806	0.6063
	0.6301	0.6509	0.6737	0.6944	0.6639
	0.6837	0.7004	0.7141	0.7330	0.7507
	0.7718	0.7853	0.8030	0.8234	0.8206
	0.8284	0.8441	0.8703	0.8957	0.9245
	0.9538	0.9838	0.9803	0.9995	1.0000
Width:	0.0645	0.1000	0.1258	0.1424	0.1574
	0.1966	0.2225	0.2508	0.2783	0.2922
	0.3032	0.3148	0.3323	0.3453	0.3574
	0.3688	0.3807	0.3930	0.4048	0.4173
	0.4295	0.4434	0.4557	0.4684	0.4789
	0.4906	0.5046	0.5170	0.5308	0.5875
	0.6044	0.6239	0.6465	0.6646	0.6838
	0.6999	0.7231	0.7427	0.7597	0.7989
	0.8297	0.8530	0.8656	0.8785	0.8880
	0.8967	0.9046	0.9443	0.9628	1.0000
Transect 320					
Area:	0.0007	0.0025	0.0053	0.0086	0.0123
	0.0165	0.0214	0.0268	0.0328	0.0395
	0.0467	0.0546	0.0632	0.0723	0.0817
	0.0913	0.1012	0.1113	0.1218	0.1340
	0.1473	0.1613	0.1766	0.1942	0.2129
	0.2326	0.2531	0.2743	0.2968	0.3206
	0.3456	0.3720	0.3991	0.4277	0.4577
	0.4883	0.5195	0.5514	0.5840	0.6174
	0.6515	0.6870	0.7241	0.7620	0.8004
	0.8393	0.8785	0.9181	0.9582	1.0000
Hrad:	0.0209	0.0430	0.0724	0.1010	0.1301
	0.1533	0.1719	0.1956	0.2171	0.2366
	0.2598	0.2732	0.2956	0.3258	0.3583
	0.3906	0.4217	0.4504	0.4718	0.4310
	0.4482	0.4672	0.4771	0.4546	0.4786
	0.5004	0.5267	0.5544	0.5576	0.5757
	0.5951	0.5776	0.6080	0.6038	0.6298
	0.6586	0.6875	0.7119	0.7396	0.7612
	0.7890	0.7786	0.8059	0.8305	0.8627
	0.8969	0.9295	0.9622	0.9926	1.0000
Width:	0.0304	0.0568	0.0705	0.0821	0.0916

	0.1042	0.1202	0.1325	0.1461	0.1613
	0.1738	0.1930	0.2066	0.2144	0.2203
	0.2258	0.2318	0.2388	0.2495	0.3003
	0.3174	0.3336	0.3890	0.4223	0.4439
	0.4657	0.4834	0.5012	0.5405	0.5675
	0.5938	0.6222	0.6351	0.6843	0.7020
	0.7163	0.7300	0.7482	0.7628	0.7836
	0.7977	0.8524	0.8681	0.8863	0.8963
	0.9040	0.9131	0.9218	0.9433	1.0000

Transect 321

Area:	0.0006	0.0017	0.0034	0.0058	0.0087
	0.0121	0.0158	0.0199	0.0253	0.0312
	0.0374	0.0447	0.0531	0.0624	0.0727
	0.0844	0.0979	0.1129	0.1289	0.1458
	0.1636	0.1828	0.2030	0.2243	0.2464
	0.2701	0.2954	0.3220	0.3495	0.3776
	0.4062	0.4351	0.4646	0.4946	0.5250
	0.5557	0.5865	0.6174	0.6484	0.6797
	0.7111	0.7427	0.7743	0.8061	0.8381
	0.8701	0.9023	0.9347	0.9672	1.0000

Hrad:	0.0234	0.0436	0.0529	0.0702	0.0910
	0.1130	0.1344	0.1378	0.1472	0.1715
	0.1939	0.2123	0.2278	0.2437	0.2581
	0.2668	0.2705	0.2804	0.2918	0.3096
	0.3222	0.3401	0.3506	0.3668	0.3837
	0.3735	0.3846	0.3893	0.4162	0.4393
	0.4667	0.4927	0.5159	0.5398	0.5668
	0.5972	0.6275	0.6575	0.6866	0.7154
	0.7449	0.7744	0.8041	0.8338	0.8633
	0.8923	0.9204	0.9477	0.9750	1.0000

Width:	0.0265	0.0385	0.0638	0.0824	0.0961
	0.1072	0.1177	0.1451	0.1728	0.1824
	0.2042	0.2392	0.2690	0.2977	0.3326
	0.3764	0.4368	0.4715	0.5006	0.5252
	0.5698	0.5963	0.6329	0.6599	0.6835
	0.7491	0.7885	0.8301	0.8428	0.8626
	0.8733	0.8861	0.9037	0.9194	0.9296
	0.9335	0.9374	0.9416	0.9468	0.9522
	0.9566	0.9607	0.9644	0.9681	0.9718
	0.9760	0.9809	0.9867	0.9923	1.0000

Transect A100

Area:	0.0007	0.0026	0.0059	0.0106	0.0160
	0.0221	0.0289	0.0363	0.0445	0.0535
	0.0633	0.0739	0.0849	0.0963	0.1084
	0.1218	0.1376	0.1555	0.1742	0.1936
	0.2135	0.2339	0.2548	0.2761	0.2979
	0.3201	0.3428	0.3659	0.3895	0.4134
	0.4378	0.4625	0.4877	0.5133	0.5393
	0.5657	0.5926	0.6201	0.6480	0.6765
	0.7055	0.7350	0.7650	0.7956	0.8267
	0.8583	0.8909	0.9248	0.9606	1.0000

Hrad:	0.0204	0.0408	0.0612	0.0838	0.1127
	0.1399	0.1657	0.1907	0.2114	0.2314
	0.2515	0.2783	0.3090	0.3360	0.3527
	0.3681	0.3790	0.3454	0.3711	0.4013
	0.4315	0.4614	0.4916	0.5213	0.5507
	0.5797	0.6087	0.6383	0.6675	0.6965
	0.7251	0.7534	0.7815	0.8094	0.8367
	0.8626	0.8863	0.9100	0.9335	0.9570
	0.9803	1.0035	1.0262	1.0485	1.0708
	1.0916	1.0909	1.0916	1.0530	1.0000

Width:	0.0325	0.0650	0.0975	0.1263	0.1424
	0.1586	0.1748	0.1909	0.2108	0.2315
	0.2522	0.2659	0.2751	0.2868	0.3075
	0.3589	0.4202	0.4509	0.4702	0.4832
	0.4956	0.5076	0.5189	0.5302	0.5415
	0.5528	0.5636	0.5737	0.5838	0.5939
	0.6039	0.6140	0.6241	0.6342	0.6445
	0.6557	0.6685	0.6812	0.6940	0.7067
	0.7194	0.7322	0.7452	0.7585	0.7717
	0.7860	0.8165	0.8509	0.9279	1.0000

Transect A101

Area:	0.0010	0.0042	0.0091	0.0150	0.0217
	0.0292	0.0372	0.0457	0.0547	0.0642

Hrad:	0.0743	0.0848	0.0958	0.1072	0.1192
	0.1315	0.1444	0.1577	0.1714	0.1856
	0.2001	0.2149	0.2301	0.2457	0.2617
	0.2780	0.2947	0.3118	0.3292	0.3470
	0.3652	0.3838	0.4027	0.4227	0.4461
	0.4746	0.5042	0.5339	0.5639	0.5947
	0.6273	0.6618	0.6985	0.7394	0.7812
	0.8237	0.8669	0.9106	0.9550	1.0000
	0.0228	0.0456	0.0760	0.1086	0.1390
	0.1705	0.2041	0.2364	0.2677	0.2980
Width:	0.3276	0.3565	0.3860	0.4150	0.4435
	0.4716	0.4992	0.5265	0.5534	0.5845
	0.6164	0.6454	0.6742	0.7026	0.7307
	0.7586	0.7862	0.8136	0.8408	0.8677
	0.8945	0.9211	0.9461	0.9483	0.9238
	0.7291	0.7686	0.8077	0.8467	0.8841
	0.9183	0.9499	0.9613	0.8062	0.8385
	0.8706	0.9033	0.9358	0.9680	1.0000
	0.0462	0.0923	0.1208	0.1387	0.1567
	0.1716	0.1826	0.1936	0.2047	0.2157
Transect A103 Area:	0.2267	0.2378	0.2479	0.2581	0.2682
	0.2784	0.2886	0.2987	0.3089	0.3165
	0.3234	0.3316	0.3399	0.3481	0.3563
	0.3646	0.3728	0.3810	0.3893	0.3975
	0.4057	0.4140	0.4228	0.4703	0.5891
	0.6494	0.6544	0.6593	0.6643	0.7003
	0.7403	0.7830	0.8510	0.9167	0.9313
	0.9459	0.9595	0.9730	0.9865	1.0000
	0.0019	0.0076	0.0153	0.0236	0.0324
	0.0418	0.0518	0.0623	0.0733	0.0847
Hrad:	0.0966	0.1088	0.1214	0.1344	0.1478
	0.1616	0.1758	0.1904	0.2054	0.2208
	0.2366	0.2527	0.2693	0.2863	0.3038
	0.3216	0.3399	0.3587	0.3778	0.3974
	0.4175	0.4379	0.4588	0.4802	0.5019
	0.5241	0.5467	0.5698	0.5937	0.6190
	0.6458	0.6754	0.7106	0.7501	0.7902
	0.8307	0.8720	0.9140	0.9566	1.0000
	0.0219	0.0450	0.0841	0.1210	0.1561
	0.1896	0.2219	0.2530	0.2854	0.3187
Width:	0.3512	0.3830	0.4142	0.4448	0.4749
	0.5046	0.5338	0.5626	0.5910	0.6191
	0.6469	0.6744	0.7006	0.7261	0.7514
	0.7766	0.8016	0.8264	0.8511	0.8757
	0.9001	0.9245	0.9487	0.9729	0.9969
	1.0209	1.0447	1.0654	1.0536	1.0382
	1.0266	0.9715	0.8843	0.8231	0.8577
	0.8879	0.9162	0.9444	0.9723	1.0000
	0.0873	0.1701	0.1828	0.1955	0.2082
	0.2209	0.2336	0.2463	0.2570	0.2660
Transect A109 Area:	0.2750	0.2841	0.2931	0.3021	0.3112
	0.3202	0.3292	0.3382	0.3473	0.3563
	0.3653	0.3744	0.3839	0.3938	0.4037
	0.4136	0.4235	0.4334	0.4433	0.4532
	0.4631	0.4729	0.4828	0.4927	0.5026
	0.5125	0.5224	0.5339	0.5626	0.5954
	0.6285	0.7360	0.8739	0.9112	0.9211
	0.9355	0.9516	0.9677	0.9839	1.0000
	0.0006	0.0025	0.0057	0.0102	0.0159
	0.0225	0.0298	0.0377	0.0463	0.0555
Hrad:	0.0653	0.0757	0.0866	0.0982	0.1103
	0.1231	0.1364	0.1504	0.1650	0.1804
	0.1965	0.2133	0.2308	0.2490	0.2679
	0.2876	0.3080	0.3292	0.3511	0.3738
	0.3972	0.4215	0.4469	0.4735	0.5012
	0.5299	0.5591	0.5887	0.6187	0.6494
	0.6809	0.7133	0.7466	0.7806	0.8153
	0.8508	0.8870	0.9239	0.9616	1.0000
	0.0183	0.0367	0.0550	0.0733	0.0939
	0.1190	0.1429	0.1666	0.1909	0.2144
	0.2373	0.2597	0.2817	0.3032	0.3245
	0.3455	0.3663	0.3857	0.4026	0.4196
	0.4367	0.4546	0.4728	0.4909	0.5091

Width:	0.5256	0.5423	0.5591	0.5760	0.5930
	0.6101	0.6220	0.6294	0.6378	0.6471
	0.6700	0.6965	0.7229	0.7489	0.7743
	0.7986	0.8173	0.8404	0.8643	0.8878
	0.9109	0.9337	0.9561	0.9782	1.0000
	0.0329	0.0658	0.0986	0.1315	0.1601
	0.1785	0.1968	0.2140	0.2293	0.2446
	0.2598	0.2751	0.2904	0.3057	0.3210
	0.3363	0.3516	0.3680	0.3869	0.4057
	0.4246	0.4428	0.4608	0.4788	0.4968
Hrad:	0.5164	0.5360	0.5556	0.5752	0.5948
	0.6144	0.6396	0.6701	0.7006	0.7311
	0.7465	0.7576	0.7686	0.7826	0.8021
	0.8220	0.8471	0.8673	0.8863	0.9052
	0.9242	0.9431	0.9621	0.9810	1.0000
	0.0010	0.0035	0.0067	0.0107	0.0154
	0.0208	0.0270	0.0339	0.0415	0.0500
	0.0592	0.0690	0.0793	0.0902	0.1016
	0.1136	0.1261	0.1392	0.1528	0.1670
	0.1818	0.1971	0.2140	0.2342	0.2555
Width:	0.2776	0.3006	0.3244	0.3489	0.3737
	0.3987	0.4240	0.4498	0.4761	0.5030
	0.5307	0.5593	0.5902	0.6216	0.6534
	0.6857	0.7184	0.7516	0.7854	0.8198
	0.8548	0.8904	0.9264	0.9630	1.0000
	0.0189	0.0455	0.0703	0.0931	0.1147
	0.1361	0.1560	0.1751	0.1941	0.2131
	0.2342	0.2585	0.2818	0.3048	0.3273
	0.3495	0.3713	0.3925	0.4135	0.4343
	0.4550	0.4694	0.4639	0.4241	0.4433
Hrad:	0.4635	0.4840	0.5044	0.5326	0.5652
	0.5975	0.6224	0.6468	0.6709	0.6926
	0.7057	0.7034	0.7077	0.7348	0.7617
	0.7884	0.8138	0.8358	0.8576	0.8793
	0.9025	0.9255	0.9484	0.9729	1.0000
	0.0524	0.0777	0.0972	0.1167	0.1363
	0.1553	0.1753	0.1962	0.2171	0.2380
	0.2565	0.2708	0.2854	0.3001	0.3148
	0.3295	0.3443	0.3594	0.3746	0.3897
	0.4049	0.4256	0.5056	0.5599	0.5843
Width:	0.6073	0.6297	0.6521	0.6638	0.6693
	0.6747	0.6882	0.7020	0.7158	0.7320
	0.7575	0.8007	0.8395	0.8509	0.8623
	0.8737	0.8862	0.9024	0.9186	0.9347
	0.9491	0.9635	0.9779	0.9903	1.0000
	0.0028	0.0095	0.0168	0.0246	0.0327
	0.0413	0.0503	0.0598	0.0697	0.0800
	0.0908	0.1020	0.1136	0.1257	0.1382
	0.1515	0.1655	0.1802	0.1956	0.2117
	0.2285	0.2465	0.2659	0.2864	0.3077
Hrad:	0.3295	0.3518	0.3747	0.3980	0.4219
	0.4463	0.4712	0.4966	0.5224	0.5484
	0.5748	0.6016	0.6288	0.6563	0.6842
	0.7125	0.7411	0.7701	0.8000	0.8308
	0.8627	0.8955	0.9293	0.9641	1.0000
	0.0187	0.0502	0.0835	0.1151	0.1454
	0.1745	0.2025	0.2298	0.2562	0.2820
	0.3073	0.3320	0.3562	0.3801	0.3973
	0.4129	0.4288	0.4448	0.4610	0.4775
	0.4892	0.4907	0.4944	0.5067	0.5310
Width:	0.5550	0.5788	0.6024	0.6257	0.6488
	0.6718	0.6945	0.7209	0.7480	0.7734
	0.7986	0.8235	0.8482	0.8727	0.8970
	0.9211	0.9449	0.9631	0.9670	0.9718
	0.9775	0.9847	0.9926	1.0010	1.0000
	0.1519	0.1934	0.2052	0.2171	0.2289
	0.2407	0.2526	0.2644	0.2762	0.2881
	0.2999	0.3118	0.3236	0.3354	0.3529
	0.3722	0.3915	0.4109	0.4303	0.4497
	0.4740	0.5099	0.5457	0.5738	0.5881
Width:	0.6024	0.6167	0.6310	0.6454	0.6597
	0.6740	0.6883	0.6982	0.7068	0.7169
	0.7269	0.7370	0.7470	0.7570	0.7671

	0.7771	0.7872	0.8019	0.8293	0.8566
	0.8838	0.9103	0.9368	0.9633	1.0000
Transect A116					
Area:					
	0.0004	0.0017	0.0038	0.0068	0.0106
	0.0149	0.0198	0.0254	0.0315	0.0382
	0.0455	0.0532	0.0614	0.0698	0.0786
	0.0876	0.0970	0.1066	0.1165	0.1267
	0.1372	0.1480	0.1591	0.1705	0.1841
	0.1992	0.2151	0.2317	0.2491	0.2673
	0.2883	0.3124	0.3384	0.3665	0.3964
	0.4283	0.4617	0.4958	0.5307	0.5663
	0.6042	0.6444	0.6858	0.7279	0.7708
	0.8146	0.8593	0.9048	0.9514	1.0000
Hrad:					
	0.0248	0.0495	0.0743	0.0991	0.1297
	0.1595	0.1881	0.2160	0.2433	0.2701
	0.2966	0.3310	0.3650	0.4011	0.4365
	0.4711	0.5052	0.5386	0.5715	0.6040
	0.6360	0.6676	0.6988	0.7297	0.7500
	0.7665	0.7840	0.8020	0.8149	0.8228
	0.8252	0.8245	0.8203	0.8165	0.8151
	0.8160	0.6861	0.7192	0.7519	0.7843
	0.7543	0.7812	0.8100	0.8455	0.8790
	0.9122	0.9452	0.9779	0.9917	1.0000
Width:					
	0.0172	0.0345	0.0517	0.0690	0.0815
	0.0935	0.1054	0.1173	0.1292	0.1412
	0.1531	0.1606	0.1679	0.1738	0.1796
	0.1855	0.1914	0.1973	0.2032	0.2091
	0.2150	0.2209	0.2267	0.2326	0.2394
	0.3137	0.3280	0.3423	0.3586	0.3769
	0.4660	0.5055	0.5464	0.5853	0.6242
	0.6631	0.6811	0.6963	0.7115	0.7267
	0.8000	0.8228	0.8436	0.8582	0.8753
	0.8925	0.9097	0.9268	0.9605	1.0000
Transect A16					
Area:					
	0.0011	0.0048	0.0125	0.0220	0.0320
	0.0425	0.0534	0.0649	0.0769	0.0894
	0.1028	0.1169	0.1318	0.1475	0.1640
	0.1815	0.2000	0.2192	0.2391	0.2596
	0.2807	0.3024	0.3248	0.3477	0.3708
	0.3941	0.4175	0.4412	0.4650	0.4890
	0.5132	0.5375	0.5619	0.5865	0.6113
	0.6362	0.6612	0.6864	0.7117	0.7372
	0.7628	0.7885	0.8144	0.8405	0.8667
	0.8930	0.9195	0.9461	0.9728	1.0000
Hrad:					
	0.0139	0.0261	0.0378	0.0631	0.0872
	0.1105	0.1329	0.1546	0.1757	0.1924
	0.2086	0.2246	0.2404	0.2551	0.2682
	0.2816	0.2950	0.3120	0.3301	0.3479
	0.3654	0.3828	0.4000	0.4208	0.4450
	0.4691	0.4930	0.5167	0.5403	0.5636
	0.5874	0.6113	0.6350	0.6586	0.6821
	0.7054	0.7286	0.7516	0.7746	0.7974
	0.8201	0.8426	0.8651	0.8874	0.9096
	0.9317	0.9537	0.9756	0.9973	1.0000
Width:					
	0.0802	0.2058	0.3363	0.3541	0.3719
	0.3898	0.4076	0.4254	0.4433	0.4711
	0.4992	0.5274	0.5555	0.5857	0.6198
	0.6534	0.6868	0.7120	0.7342	0.7563
	0.7785	0.8006	0.8228	0.8370	0.8435
	0.8499	0.8564	0.8629	0.8694	0.8759
	0.8815	0.8867	0.8919	0.8971	0.9024
	0.9076	0.9128	0.9180	0.9233	0.9285
	0.9337	0.9389	0.9442	0.9494	0.9546
	0.9598	0.9651	0.9703	0.9756	1.0000
Transect A25					
Area:					
	0.0069	0.0156	0.0246	0.0340	0.0439
	0.0541	0.0648	0.0759	0.0874	0.0993
	0.1116	0.1243	0.1374	0.1510	0.1649
	0.1793	0.1941	0.2093	0.2249	0.2409
	0.2573	0.2742	0.2915	0.3093	0.3278
	0.3468	0.3664	0.3866	0.4074	0.4288
	0.4508	0.4733	0.4965	0.5203	0.5447
	0.5698	0.5955	0.6220	0.6491	0.6770
	0.7055	0.7347	0.7646	0.7952	0.8265

Hrad:	0.8584	0.8915	0.9261	0.9623	1.0000
	0.0316	0.0675	0.1019	0.1350	0.1670
	0.1979	0.2280	0.2573	0.2858	0.3137
	0.3410	0.3678	0.3942	0.4201	0.4456
	0.4707	0.4955	0.5199	0.5438	0.5675
	0.5910	0.6142	0.6359	0.6527	0.6696
	0.6867	0.7039	0.7212	0.7386	0.7561
	0.7737	0.7914	0.8091	0.8269	0.8422
	0.8571	0.8723	0.8876	0.9032	0.9189
	0.9348	0.9508	0.9670	0.9833	0.9997
	1.0139	1.0082	1.0004	0.9949	1.0000
Width:	0.2198	0.2306	0.2413	0.2521	0.2628
	0.2735	0.2843	0.2950	0.3057	0.3165
	0.3272	0.3379	0.3487	0.3594	0.3702
	0.3809	0.3916	0.4025	0.4135	0.4244
	0.4354	0.4464	0.4583	0.4738	0.4893
	0.5049	0.5204	0.5359	0.5514	0.5669
	0.5825	0.5980	0.6135	0.6290	0.6466
	0.6646	0.6826	0.7006	0.7186	0.7366
	0.7546	0.7726	0.7906	0.8086	0.8266
	0.8465	0.8842	0.9257	0.9672	1.0000
Transect A36					
Area:	0.0014	0.0049	0.0097	0.0158	0.0227
	0.0302	0.0381	0.0468	0.0582	0.0717
	0.0868	0.1026	0.1188	0.1354	0.1525
	0.1701	0.1881	0.2066	0.2255	0.2449
	0.2648	0.2851	0.3058	0.3269	0.3484
	0.3704	0.3927	0.4155	0.4386	0.4621
	0.4860	0.5102	0.5348	0.5598	0.5851
	0.6108	0.6368	0.6631	0.6898	0.7167
	0.7440	0.7716	0.7995	0.8277	0.8562
	0.8848	0.9134	0.9422	0.9710	1.0000
Hrad:	0.0147	0.0345	0.0517	0.0685	0.0918
	0.1144	0.1360	0.1552	0.1673	0.1780
	0.1624	0.1864	0.2100	0.2330	0.2554
	0.2773	0.2989	0.3201	0.3410	0.3616
	0.3827	0.4037	0.4244	0.4448	0.4650
	0.4851	0.5049	0.5253	0.5458	0.5661
	0.5863	0.6063	0.6261	0.6457	0.6653
	0.6850	0.7056	0.7261	0.7464	0.7665
	0.7866	0.8065	0.8263	0.8460	0.8710
	0.8969	0.9228	0.9486	0.9744	1.0000
Width:	0.0973	0.1425	0.1877	0.2305	0.2479
	0.2639	0.2799	0.3451	0.4309	0.4991
	0.5350	0.5505	0.5659	0.5813	0.5973
	0.6134	0.6294	0.6455	0.6615	0.6776
	0.6921	0.7064	0.7208	0.7351	0.7494
	0.7637	0.7780	0.7911	0.8038	0.8164
	0.8290	0.8417	0.8543	0.8669	0.8796
	0.8917	0.9026	0.9134	0.9243	0.9351
	0.9460	0.9568	0.9677	0.9785	0.9831
	0.9865	0.9898	0.9932	0.9966	1.0000
Transect A50					
Area:	0.0020	0.0078	0.0169	0.0267	0.0369
	0.0476	0.0587	0.0703	0.0824	0.0950
	0.1080	0.1215	0.1354	0.1498	0.1647
	0.1800	0.1958	0.2120	0.2288	0.2460
	0.2636	0.2818	0.3005	0.3196	0.3393
	0.3595	0.3802	0.4013	0.4230	0.4452
	0.4678	0.4910	0.5147	0.5388	0.5635
	0.5887	0.6144	0.6408	0.6678	0.6952
	0.7230	0.7513	0.7799	0.8090	0.8385
	0.8684	0.8988	0.9308	0.9647	1.0000
Hrad:	0.0181	0.0362	0.0642	0.0966	0.1277
	0.1576	0.1866	0.2147	0.2420	0.2687
	0.2947	0.3202	0.3452	0.3698	0.3940
	0.4177	0.4412	0.4643	0.4870	0.5092
	0.5311	0.5523	0.5733	0.5941	0.6148
	0.6354	0.6558	0.6762	0.6964	0.7165
	0.7365	0.7565	0.7764	0.7961	0.8159
	0.8355	0.8507	0.8652	0.8845	0.9062
	0.9278	0.9492	0.9705	0.9917	1.0127
	1.0336	1.0387	1.0111	0.9916	1.0000
Width:	0.1094	0.2187	0.2663	0.2792	0.2922

	0.3052	0.3181	0.3311	0.3441	0.3571
	0.3700	0.3830	0.3960	0.4089	0.4219
	0.4349	0.4478	0.4608	0.4739	0.4873
	0.5008	0.5147	0.5287	0.5426	0.5566
	0.5706	0.5846	0.5985	0.6125	0.6265
	0.6404	0.6544	0.6684	0.6823	0.6963
	0.7103	0.7280	0.7466	0.7606	0.7722
	0.7837	0.7952	0.8067	0.8182	0.8298
	0.8413	0.8659	0.9211	0.9733	1.0000

Transect A57

Area:	0.0025	0.0100	0.0195	0.0296	0.0402
	0.0514	0.0631	0.0753	0.0881	0.1014
	0.1153	0.1297	0.1446	0.1601	0.1761
	0.1927	0.2098	0.2274	0.2455	0.2641
	0.2831	0.3023	0.3218	0.3416	0.3617
	0.3821	0.4027	0.4237	0.4449	0.4665
	0.4883	0.5105	0.5332	0.5562	0.5797
	0.6036	0.6279	0.6526	0.6778	0.7033
	0.7293	0.7559	0.7835	0.8121	0.8417
	0.8722	0.9033	0.9350	0.9672	1.0000

Hrad:	0.0169	0.0365	0.0673	0.0967	0.1247
	0.1518	0.1778	0.2031	0.2277	0.2516
	0.2751	0.2980	0.3205	0.3426	0.3643
	0.3861	0.4078	0.4293	0.4506	0.4738
	0.4995	0.5249	0.5499	0.5747	0.5992
	0.6234	0.6474	0.6711	0.6946	0.7179
	0.7395	0.7582	0.7768	0.7953	0.8138
	0.8321	0.8504	0.8685	0.8867	0.9047
	0.9227	0.9240	0.9240	0.9252	0.9273
	0.9359	0.9519	0.9679	0.9840	1.0000

Width:	0.1525	0.2798	0.2962	0.3127	0.3291
	0.3455	0.3619	0.3783	0.3947	0.4111
	0.4275	0.4439	0.4603	0.4767	0.4932
	0.5091	0.5246	0.5402	0.5557	0.5682
	0.5769	0.5857	0.5944	0.6032	0.6119
	0.6207	0.6294	0.6382	0.6469	0.6556
	0.6658	0.6784	0.6910	0.7036	0.7162
	0.7288	0.7415	0.7541	0.7667	0.7793
	0.7919	0.8195	0.8493	0.8792	0.9090
	0.9331	0.9498	0.9665	0.9833	1.0000

Transect A70

Area:	0.0002	0.0007	0.0015	0.0027	0.0051
	0.0099	0.0173	0.0278	0.0433	0.0599
	0.0768	0.0939	0.1114	0.1291	0.1472
	0.1657	0.1846	0.2038	0.2233	0.2431
	0.2632	0.2836	0.3044	0.3256	0.3471
	0.3690	0.3911	0.4135	0.4363	0.4593
	0.4826	0.5063	0.5303	0.5546	0.5793
	0.6045	0.6303	0.6571	0.6846	0.7124
	0.7404	0.7685	0.7968	0.8253	0.8540
	0.8828	0.9118	0.9409	0.9702	1.0000

Hrad:	0.0153	0.0305	0.0458	0.0610	0.0635
	0.0641	0.0718	0.0807	0.0801	0.1091
	0.1376	0.1656	0.1927	0.2194	0.2442
	0.2682	0.2940	0.3194	0.3446	0.3697
	0.3945	0.4163	0.4378	0.4607	0.4833
	0.5066	0.5298	0.5526	0.5750	0.5972
	0.6188	0.6401	0.6609	0.6812	0.6990
	0.7134	0.7278	0.7253	0.7441	0.7684
	0.7932	0.8177	0.8422	0.8671	0.8920
	0.9168	0.9414	0.9660	0.9835	1.0000

Width:	0.0114	0.0229	0.0343	0.0457	0.1145
	0.2010	0.2939	0.4215	0.5507	0.5591
	0.5676	0.5763	0.5866	0.5969	0.6111
	0.6262	0.6360	0.6459	0.6555	0.6647
	0.6740	0.6879	0.7018	0.7131	0.7243
	0.7341	0.7438	0.7536	0.7637	0.7738
	0.7845	0.7952	0.8064	0.8180	0.8324
	0.8510	0.8695	0.9098	0.9238	0.9304
	0.9364	0.9424	0.9484	0.9538	0.9589
	0.9641	0.9692	0.9744	0.9867	1.0000

Transect A72

Area:	0.0004	0.0015	0.0034	0.0060	0.0094
	0.0135	0.0184	0.0244	0.0330	0.0429

Hrad:	0.0541	0.0665	0.0801	0.0947	0.1101
	0.1260	0.1424	0.1594	0.1769	0.1950
	0.2135	0.2325	0.2518	0.2716	0.2917
	0.3122	0.3331	0.3544	0.3761	0.3986
	0.4223	0.4474	0.4739	0.5016	0.5302
	0.5595	0.5892	0.6191	0.6493	0.6798
	0.7105	0.7415	0.7727	0.8042	0.8360
	0.8681	0.9005	0.9333	0.9664	1.0000
	0.0170	0.0340	0.0510	0.0680	0.0850
	0.1020	0.1190	0.1122	0.1207	0.1384
Width:	0.1560	0.1739	0.1934	0.2129	0.2390
	0.2646	0.2896	0.3141	0.3381	0.3617
	0.3871	0.4128	0.4382	0.4632	0.4879
	0.5124	0.5365	0.5604	0.5797	0.5871
	0.5881	0.5892	0.5949	0.6017	0.6215
	0.6428	0.6706	0.6983	0.7257	0.7530
	0.7800	0.8069	0.8335	0.8600	0.8863
	0.9103	0.9329	0.9554	0.9778	1.0000
	0.0223	0.0446	0.0669	0.0892	0.1115
	0.1338	0.1560	0.2193	0.2756	0.3125
Transect A80 Area:	0.3494	0.3854	0.4171	0.4481	0.4639
	0.4797	0.4955	0.5113	0.5271	0.5429
	0.5556	0.5672	0.5788	0.5903	0.6019
	0.6135	0.6251	0.6366	0.6532	0.6836
	0.7230	0.7647	0.8021	0.8394	0.8587
	0.8757	0.8834	0.8911	0.8988	0.9065
	0.9142	0.9219	0.9296	0.9373	0.9450
	0.9550	0.9663	0.9775	0.9888	1.0000
	0.0012	0.0046	0.0105	0.0182	0.0264
	0.0351	0.0441	0.0536	0.0635	0.0739
Hrad:	0.0846	0.0958	0.1074	0.1193	0.1318
	0.1446	0.1578	0.1713	0.1853	0.1997
	0.2144	0.2296	0.2451	0.2610	0.2774
	0.2943	0.3115	0.3293	0.3474	0.3660
	0.3851	0.4045	0.4246	0.4452	0.4663
	0.4881	0.5103	0.5333	0.5573	0.5824
	0.6085	0.6378	0.6779	0.7213	0.7656
	0.8106	0.8565	0.9033	0.9512	1.0000
	0.0248	0.0497	0.0745	0.1123	0.1550
	0.1959	0.2352	0.2732	0.3100	0.3459
Width:	0.3808	0.4149	0.4483	0.4810	0.5134
	0.5462	0.5785	0.6103	0.6416	0.6726
	0.7032	0.7334	0.7623	0.7897	0.8168
	0.8438	0.8707	0.8974	0.9241	0.9506
	0.9770	1.0011	1.0214	1.0420	1.0628
	1.0837	1.1049	1.1126	1.1112	1.1120
	1.1148	0.8397	0.7821	0.8106	0.8453
	0.8796	0.9116	0.9413	0.9707	1.0000
	0.0471	0.0942	0.1413	0.1628	0.1712
	0.1797	0.1881	0.1966	0.2050	0.2135
Transect A81 Area:	0.2220	0.2304	0.2389	0.2473	0.2556
	0.2635	0.2713	0.2792	0.2870	0.2949
	0.3027	0.3106	0.3189	0.3278	0.3367
	0.3457	0.3546	0.3635	0.3724	0.3814
	0.3903	0.4001	0.4116	0.4231	0.4345
	0.4460	0.4575	0.4749	0.4972	0.5195
	0.5418	0.7575	0.8656	0.8889	0.9049
	0.9209	0.9390	0.9593	0.9797	1.0000
	0.0005	0.0021	0.0047	0.0084	0.0132
	0.0190	0.0258	0.0337	0.0427	0.0527
Hrad:	0.0637	0.0759	0.0890	0.1031	0.1180
	0.1336	0.1499	0.1671	0.1851	0.2038
	0.2233	0.2435	0.2646	0.2864	0.3090
	0.3323	0.3561	0.3801	0.4044	0.4290
	0.4538	0.4789	0.5043	0.5300	0.5560
	0.5822	0.6087	0.6354	0.6625	0.6898
	0.7174	0.7453	0.7735	0.8022	0.8316
	0.8621	0.8942	0.9278	0.9631	1.0000
	0.0190	0.0380	0.0570	0.0760	0.0950
	0.1139	0.1329	0.1519	0.1709	0.1899
	0.2089	0.2279	0.2469	0.2711	0.2943
	0.3171	0.3395	0.3616	0.3835	0.4051
	0.4265	0.4477	0.4688	0.4897	0.5105

Width:	0.5346	0.5659	0.5969	0.6276	0.6580
	0.6882	0.7181	0.7477	0.7770	0.8061
	0.8350	0.8637	0.8921	0.9203	0.9483
	0.9761	1.0037	1.0245	1.0396	1.0549
	1.0696	1.0829	1.0950	1.1063	1.0000
	0.0280	0.0559	0.0839	0.1118	0.1398
	0.1677	0.1957	0.2236	0.2516	0.2795
	0.3075	0.3355	0.3634	0.3832	0.4039
	0.4245	0.4451	0.4657	0.4863	0.5069
	0.5275	0.5481	0.5687	0.5893	0.6099
Hrad:	0.6264	0.6337	0.6409	0.6482	0.6555
	0.6628	0.6701	0.6774	0.6847	0.6920
	0.6993	0.7066	0.7138	0.7211	0.7284
	0.7357	0.7430	0.7553	0.7718	0.7883
	0.8295	0.8721	0.9148	0.9574	1.0000
	0.0026	0.0095	0.0171	0.0249	0.0332
	0.0417	0.0505	0.0597	0.0692	0.0790
	0.0892	0.0996	0.1104	0.1215	0.1329
	0.1447	0.1568	0.1692	0.1819	0.1949
	0.2083	0.2221	0.2362	0.2507	0.2655
Width:	0.2807	0.2962	0.3122	0.3287	0.3457
	0.3631	0.3809	0.3993	0.4181	0.4374
	0.4574	0.4784	0.5006	0.5237	0.5484
	0.5764	0.6084	0.6480	0.6914	0.7376
	0.7866	0.8375	0.8904	0.9448	1.0000
	0.0280	0.0717	0.1233	0.1728	0.2206
	0.2668	0.3115	0.3551	0.3974	0.4388
	0.4792	0.5188	0.5576	0.5958	0.6333
	0.6702	0.7066	0.7425	0.7779	0.8111
	0.8439	0.8764	0.9086	0.9406	0.9724
Hrad:	1.0039	1.0315	1.0560	1.0807	1.1055
	1.1305	1.1556	1.1809	1.2062	1.2316
	1.2253	1.2197	1.2172	1.2174	1.1584
	1.0671	1.0067	0.8601	0.8570	0.8597
	0.8749	0.8963	0.9182	0.9586	1.0000
	0.0937	0.1334	0.1391	0.1449	0.1507
	0.1565	0.1623	0.1681	0.1739	0.1797
	0.1855	0.1913	0.1971	0.2029	0.2087
	0.2144	0.2202	0.2260	0.2318	0.2382
	0.2446	0.2510	0.2574	0.2638	0.2702
Width:	0.2766	0.2840	0.2925	0.3009	0.3093
	0.3177	0.3261	0.3345	0.3430	0.3514
	0.3696	0.3887	0.4077	0.4268	0.4703
	0.5376	0.6453	0.7529	0.8068	0.8584
	0.8998	0.9354	0.9711	0.9864	1.0000
	0.0010	0.0041	0.0092	0.0158	0.0235
	0.0324	0.0423	0.0531	0.0650	0.0778
	0.0915	0.1060	0.1212	0.1372	0.1540
	0.1712	0.1889	0.2070	0.2254	0.2444
	0.2637	0.2834	0.3036	0.3241	0.3451
Hrad:	0.3664	0.3882	0.4102	0.4327	0.4555
	0.4787	0.5022	0.5261	0.5504	0.5750
	0.6001	0.6256	0.6514	0.6777	0.7044
	0.7316	0.7593	0.7874	0.8160	0.8452
	0.8749	0.9052	0.9361	0.9677	1.0000
	0.0163	0.0327	0.0511	0.0723	0.0921
	0.1125	0.1330	0.1527	0.1720	0.1915
	0.2126	0.2331	0.2532	0.2730	0.2956
	0.3207	0.3454	0.3697	0.3936	0.4173
	0.4408	0.4642	0.4874	0.5103	0.5329
Width:	0.5554	0.5786	0.6017	0.6245	0.6472
	0.6696	0.6919	0.7132	0.7342	0.7551
	0.7758	0.7964	0.8165	0.8348	0.8530
	0.8711	0.8892	0.9065	0.9218	0.9372
	0.9527	0.9672	0.9779	0.9888	1.0000
	0.0631	0.1263	0.1811	0.2180	0.2550
	0.2880	0.3181	0.3481	0.3782	0.4066
	0.4307	0.4547	0.4788	0.5028	0.5210
	0.5341	0.5470	0.5599	0.5728	0.5857
	0.5983	0.6106	0.6230	0.6353	0.6476
Width:	0.6599	0.6709	0.6819	0.6928	0.7038
	0.7148	0.7258	0.7376	0.7496	0.7615
	0.7735	0.7854	0.7977	0.8117	0.8257

	0.8398	0.8538	0.8685	0.8851	0.9017
	0.9183	0.9358	0.9572	0.9786	1.0000
Transect A89					
Area:					
	0.0005	0.0018	0.0041	0.0073	0.0114
	0.0171	0.0254	0.0350	0.0458	0.0576
	0.0703	0.0839	0.0984	0.1138	0.1303
	0.1477	0.1657	0.1841	0.2031	0.2225
	0.2422	0.2623	0.2828	0.3037	0.3249
	0.3465	0.3685	0.3909	0.4136	0.4368
	0.4603	0.4842	0.5086	0.5335	0.5588
	0.5846	0.6108	0.6375	0.6646	0.6922
	0.7202	0.7487	0.7777	0.8074	0.8376
	0.8685	0.9001	0.9324	0.9655	1.0000
Hrad:					
	0.0176	0.0352	0.0528	0.0703	0.0882
	0.0784	0.1002	0.1209	0.1424	0.1656
	0.1881	0.2099	0.2312	0.2515	0.2703
	0.2933	0.3201	0.3464	0.3723	0.3999
	0.4274	0.4545	0.4813	0.5077	0.5339
	0.5594	0.5845	0.6094	0.6340	0.6584
	0.6826	0.7048	0.7265	0.7480	0.7693
	0.7906	0.8122	0.8337	0.8552	0.8765
	0.8977	0.9154	0.9317	0.9481	0.9645
	0.9781	0.9914	1.0049	1.0056	1.0000
Width:					
	0.0259	0.0517	0.0776	0.1034	0.1288
	0.2185	0.2541	0.2897	0.3217	0.3477
	0.3737	0.3997	0.4257	0.4528	0.4821
	0.5037	0.5176	0.5316	0.5455	0.5563
	0.5667	0.5772	0.5876	0.5981	0.6085
	0.6194	0.6303	0.6413	0.6523	0.6632
	0.6742	0.6869	0.7000	0.7131	0.7262
	0.7393	0.7519	0.7645	0.7770	0.7895
	0.8021	0.8177	0.8345	0.8514	0.8683
	0.8878	0.9078	0.9277	0.9601	1.0000
Transect A91					
Area:					
	0.0066	0.0151	0.0241	0.0337	0.0438
	0.0545	0.0658	0.0776	0.0899	0.1028
	0.1163	0.1303	0.1448	0.1599	0.1756
	0.1918	0.2084	0.2254	0.2426	0.2603
	0.2782	0.2965	0.3151	0.3340	0.3532
	0.3729	0.3930	0.4135	0.4345	0.4559
	0.4778	0.5001	0.5229	0.5461	0.5699
	0.5942	0.6190	0.6443	0.6702	0.6967
	0.7237	0.7513	0.7795	0.8084	0.8380
	0.8682	0.8990	0.9311	0.9647	1.0000
Hrad:					
	0.0311	0.0668	0.1004	0.1324	0.1629
	0.1923	0.2207	0.2482	0.2750	0.3010
	0.3266	0.3516	0.3761	0.3997	0.4228
	0.4476	0.4750	0.5018	0.5281	0.5540
	0.5795	0.6046	0.6293	0.6536	0.6776
	0.6978	0.7176	0.7372	0.7568	0.7762
	0.7955	0.8147	0.8338	0.8520	0.8679
	0.8838	0.8998	0.9159	0.9320	0.9482
	0.9642	0.9768	0.9896	1.0027	1.0160
	1.0295	1.0399	1.0279	1.0185	1.0000
Width:					
	0.2260	0.2411	0.2562	0.2713	0.2864
	0.3015	0.3166	0.3318	0.3469	0.3620
	0.3771	0.3922	0.4073	0.4230	0.4390
	0.4521	0.4612	0.4703	0.4794	0.4885
	0.4976	0.5067	0.5158	0.5249	0.5340
	0.5461	0.5584	0.5707	0.5830	0.5953
	0.6076	0.6199	0.6322	0.6451	0.6600
	0.6748	0.6897	0.7045	0.7194	0.7343
	0.7493	0.7673	0.7853	0.8033	0.8213
	0.8394	0.8602	0.9027	0.9452	1.0000
Transect A93					
Area:					
	0.0014	0.0055	0.0109	0.0174	0.0246
	0.0322	0.0402	0.0486	0.0574	0.0666
	0.0763	0.0863	0.0968	0.1076	0.1189
	0.1306	0.1427	0.1552	0.1682	0.1816
	0.1955	0.2098	0.2245	0.2397	0.2555
	0.2717	0.2883	0.3055	0.3234	0.3422
	0.3619	0.3826	0.4043	0.4283	0.4544
	0.4819	0.5110	0.5424	0.5766	0.6116
	0.6471	0.6830	0.7195	0.7565	0.7941

Hrad:	0.8321	0.8708	0.9107	0.9519	1.0000
	0.0261	0.0570	0.0955	0.1305	0.1729
	0.2141	0.2537	0.2919	0.3289	0.3648
	0.3999	0.4342	0.4678	0.5007	0.5331
	0.5651	0.5965	0.6258	0.6549	0.6838
	0.7124	0.7409	0.7691	0.7961	0.8217
	0.8473	0.8729	0.8985	0.9069	0.9123
	0.9196	0.9286	0.9157	0.8737	0.8736
	0.8781	0.8738	0.8563	0.8515	0.8971
	0.9355	0.9736	1.0113	1.0487	1.0857
	1.1225	1.1449	1.1607	1.1658	1.0000
Width:	0.0504	0.0908	0.1084	0.1259	0.1341
	0.1415	0.1490	0.1564	0.1638	0.1713
	0.1787	0.1862	0.1936	0.2010	0.2085
	0.2159	0.2234	0.2315	0.2396	0.2477
	0.2558	0.2640	0.2721	0.2806	0.2897
	0.2987	0.3077	0.3168	0.3323	0.3497
	0.3670	0.3844	0.4123	0.4583	0.4865
	0.5136	0.5476	0.5936	0.6349	0.6392
	0.6485	0.6579	0.6672	0.6766	0.6860
	0.6953	0.7136	0.7364	0.7666	1.0000
Transect A95					
Area:	0.0009	0.0035	0.0080	0.0142	0.0222
	0.0317	0.0418	0.0525	0.0636	0.0752
	0.0873	0.0999	0.1128	0.1260	0.1396
	0.1535	0.1677	0.1823	0.1971	0.2123
	0.2279	0.2438	0.2600	0.2765	0.2934
	0.3106	0.3281	0.3459	0.3641	0.3826
	0.4015	0.4209	0.4409	0.4616	0.4830
	0.5052	0.5282	0.5519	0.5764	0.6017
	0.6294	0.6601	0.6934	0.7290	0.7667
	0.8074	0.8517	0.8992	0.9488	1.0000
Hrad:	0.0262	0.0524	0.0785	0.1047	0.1309
	0.1680	0.2109	0.2522	0.2921	0.3308
	0.3684	0.4086	0.4494	0.4893	0.5286
	0.5672	0.6051	0.6425	0.6793	0.7156
	0.7515	0.7868	0.8218	0.8564	0.8906
	0.9244	0.9580	0.9912	1.0241	1.0568
	1.0828	1.1010	1.1197	1.1319	1.1431
	1.1554	1.1686	1.1826	1.1973	1.1899
	1.1149	1.0695	1.0405	1.0343	1.0216
	0.9852	0.9639	0.9601	0.9798	1.0000
Width:	0.0341	0.0682	0.1023	0.1364	0.1704
	0.1898	0.1993	0.2088	0.2183	0.2279
	0.2374	0.2447	0.2510	0.2573	0.2637
	0.2700	0.2764	0.2827	0.2890	0.2954
	0.3017	0.3080	0.3144	0.3207	0.3271
	0.3334	0.3397	0.3461	0.3524	0.3588
	0.3673	0.3788	0.3902	0.4042	0.4189
	0.4337	0.4484	0.4631	0.4778	0.5022
	0.5615	0.6144	0.6639	0.7025	0.7485
	0.8181	0.8827	0.9361	0.9681	1.0000
Transect A96					
Area:	0.0005	0.0020	0.0045	0.0080	0.0126
	0.0179	0.0236	0.0296	0.0360	0.0426
	0.0496	0.0569	0.0645	0.0724	0.0807
	0.0940	0.1107	0.1319	0.1535	0.1755
	0.1979	0.2206	0.2438	0.2673	0.2914
	0.3159	0.3408	0.3661	0.3916	0.4175
	0.4438	0.4703	0.4972	0.5244	0.5519
	0.5798	0.6080	0.6365	0.6652	0.6943
	0.7237	0.7533	0.7832	0.8134	0.8439
	0.8746	0.9056	0.9368	0.9683	1.0000
Hrad:	0.0160	0.0319	0.0479	0.0639	0.0798
	0.1030	0.1284	0.1527	0.1762	0.1989
	0.2210	0.2425	0.2636	0.2842	0.3038
	0.3043	0.2334	0.1960	0.2243	0.2522
	0.2798	0.3069	0.3325	0.3576	0.3824
	0.4069	0.4332	0.4592	0.4850	0.5105
	0.5357	0.5609	0.5858	0.6105	0.6350
	0.6594	0.6836	0.7084	0.7330	0.7574
	0.7816	0.8057	0.8296	0.8544	0.8790
	0.9035	0.9278	0.9520	0.9761	1.0000
Width:	0.0315	0.0631	0.0946	0.1262	0.1577

	0.1742	0.1841	0.1940	0.2039	0.2138
	0.2237	0.2336	0.2435	0.2534	0.3065
	0.4567	0.6405	0.6734	0.6848	0.6962
	0.7077	0.7191	0.7333	0.7479	0.7625
	0.7768	0.7872	0.7976	0.8079	0.8183
	0.8287	0.8389	0.8491	0.8593	0.8695
	0.8797	0.8897	0.8988	0.9079	0.9171
	0.9262	0.9353	0.9444	0.9523	0.9603
	0.9682	0.9762	0.9841	0.9921	1.0000

Transect A99

Area:	0.0003	0.0013	0.0030	0.0053	0.0082
	0.0117	0.0157	0.0202	0.0253	0.0308
	0.0370	0.0439	0.0516	0.0601	0.0690
	0.0783	0.0881	0.0983	0.1089	0.1199
	0.1360	0.1539	0.1732	0.1942	0.2187
	0.2444	0.2705	0.2970	0.3239	0.3512
	0.3790	0.4073	0.4361	0.4655	0.4955
	0.5262	0.5576	0.5897	0.6221	0.6549
	0.6880	0.7214	0.7551	0.7891	0.8235
	0.8581	0.8931	0.9284	0.9641	1.0000

Hrad:	0.0180	0.0360	0.0540	0.0720	0.0922
	0.1126	0.1324	0.1518	0.1709	0.1902
	0.2042	0.2156	0.2284	0.2485	0.2719
	0.2948	0.3173	0.3394	0.3611	0.3825
	0.3866	0.3920	0.3998	0.3804	0.3081
	0.3404	0.3723	0.4019	0.4309	0.4597
	0.4881	0.5148	0.5404	0.5657	0.5903
	0.6123	0.6342	0.6594	0.6890	0.7183
	0.7474	0.7763	0.8050	0.8335	0.8617
	0.8897	0.9176	0.9452	0.9727	1.0000

Width:	0.0183	0.0366	0.0548	0.0731	0.0889
	0.1035	0.1181	0.1327	0.1473	0.1615
	0.1804	0.2028	0.2252	0.2409	0.2526
	0.2644	0.2762	0.2880	0.2998	0.3325
	0.4767	0.5157	0.5519	0.6187	0.7095
	0.7178	0.7262	0.7386	0.7511	0.7637
	0.7762	0.7909	0.8068	0.8228	0.8395
	0.8594	0.8794	0.8944	0.9031	0.9119
	0.9206	0.9293	0.9380	0.9468	0.9557
	0.9645	0.9734	0.9823	0.9911	1.0000

Transect T-C1

Area:	0.0033	0.0077	0.0127	0.0185	0.0259
	0.0358	0.0465	0.0582	0.0711	0.0868
	0.1055	0.1252	0.1454	0.1660	0.1870
	0.2083	0.2300	0.2519	0.2739	0.2961
	0.3183	0.3407	0.3633	0.3859	0.4087
	0.4316	0.4546	0.4777	0.5010	0.5243
	0.5478	0.5713	0.5948	0.6183	0.6419
	0.6655	0.6892	0.7129	0.7366	0.7604
	0.7842	0.8080	0.8319	0.8558	0.8797
	0.9037	0.9277	0.9518	0.9759	1.0000

Hrad:	0.0196	0.0400	0.0586	0.0718	0.0671
	0.0848	0.1011	0.1159	0.1250	0.1171
	0.1337	0.1523	0.1737	0.1948	0.2156
	0.2360	0.2563	0.2790	0.3017	0.3242
	0.3465	0.3688	0.3909	0.4129	0.4348
	0.4566	0.4782	0.4997	0.5212	0.5427
	0.5660	0.5892	0.6124	0.6355	0.6586
	0.6817	0.7047	0.7277	0.7506	0.7735
	0.7963	0.8191	0.8419	0.8646	0.8873
	0.9099	0.9325	0.9550	0.9775	1.0000

Width:	0.1708	0.1953	0.2198	0.2604	0.3900
	0.4258	0.4641	0.5073	0.5744	0.7492
	0.7967	0.8302	0.8452	0.8603	0.8753
	0.8904	0.9052	0.9102	0.9153	0.9203
	0.9254	0.9304	0.9355	0.9406	0.9456
	0.9507	0.9557	0.9608	0.9658	0.9705
	0.9720	0.9734	0.9749	0.9764	0.9779
	0.9793	0.9808	0.9823	0.9838	0.9852
	0.9867	0.9882	0.9897	0.9911	0.9926
	0.9941	0.9956	0.9970	0.9985	1.0000

Transect T-C108

Area:	0.0010	0.0027	0.0051	0.0084	0.0128
	0.0180	0.0241	0.0310	0.0392	0.0486

Hrad:	0.0585	0.0694	0.0815	0.0943	0.1079
	0.1237	0.1416	0.1608	0.1806	0.2009
	0.2218	0.2440	0.2673	0.2915	0.3169
	0.3430	0.3693	0.3956	0.4221	0.4486
	0.4752	0.5018	0.5286	0.5554	0.5823
	0.6093	0.6364	0.6636	0.6908	0.7182
	0.7456	0.7731	0.8007	0.8285	0.8566
	0.8849	0.9134	0.9422	0.9711	1.0000
	0.0195	0.0388	0.0546	0.0662	0.0832
	0.1003	0.1164	0.1320	0.1252	0.1464
Width:	0.1669	0.1727	0.1940	0.2130	0.2255
	0.2200	0.2257	0.2462	0.2684	0.2905
	0.3123	0.3157	0.3323	0.3495	0.3520
	0.3798	0.4075	0.4352	0.4627	0.4902
	0.5176	0.5449	0.5721	0.5992	0.6262
	0.6532	0.6801	0.7069	0.7336	0.7602
	0.7868	0.8133	0.8374	0.8589	0.8803
	0.9016	0.9227	0.9455	0.9728	1.0000
	0.0507	0.0711	0.0940	0.1343	0.1669
	0.1959	0.2250	0.2535	0.3146	0.3333
Transect T-C111	0.3520	0.4050	0.4294	0.4566	0.4958
	0.5806	0.6468	0.6741	0.6953	0.7129
	0.7305	0.7907	0.8214	0.8502	0.9031
	0.9060	0.9088	0.9117	0.9146	0.9174
	0.9203	0.9231	0.9260	0.9289	0.9317
	0.9346	0.9375	0.9403	0.9432	0.9461
	0.9489	0.9518	0.9573	0.9657	0.9741
	0.9825	0.9909	0.9974	0.9987	1.0000
	0.0006	0.0024	0.0051	0.0088	0.0142
	0.0224	0.0317	0.0421	0.0536	0.0665
Area:	0.0801	0.0942	0.1089	0.1240	0.1401
	0.1571	0.1757	0.1956	0.2158	0.2364
	0.2571	0.2782	0.2997	0.3217	0.3442
	0.3674	0.3914	0.4162	0.4413	0.4665
	0.4919	0.5175	0.5432	0.5691	0.5951
	0.6213	0.6476	0.6740	0.7005	0.7272
	0.7540	0.7809	0.8080	0.8351	0.8624
	0.8898	0.9172	0.9448	0.9723	1.0000
	0.0139	0.0297	0.0435	0.0561	0.0690
	0.0701	0.0897	0.1063	0.1223	0.1387
Hrad:	0.1600	0.1819	0.2034	0.2207	0.2352
	0.2526	0.2499	0.2695	0.2937	0.3176
	0.3413	0.3632	0.3822	0.4009	0.4216
	0.4417	0.4609	0.4621	0.4866	0.5109
	0.5351	0.5594	0.5838	0.6082	0.6324
	0.6565	0.6810	0.7054	0.7297	0.7538
	0.7779	0.8019	0.8258	0.8496	0.8742
	0.8995	0.9247	0.9499	0.9750	1.0000
	0.0442	0.0799	0.1165	0.1582	0.2545
	0.3199	0.3543	0.3968	0.4397	0.4806
Width:	0.5019	0.5192	0.5364	0.5632	0.5969
	0.6387	0.7048	0.7271	0.7364	0.7457
	0.7550	0.7673	0.7856	0.8039	0.8216
	0.8520	0.8824	0.9021	0.9083	0.9144
	0.9205	0.9263	0.9316	0.9368	0.9420
	0.9472	0.9517	0.9562	0.9607	0.9652
	0.9697	0.9742	0.9787	0.9833	0.9867
	0.9894	0.9920	0.9947	0.9973	1.0000
	0.0001	0.0004	0.0009	0.0016	0.0026
	0.0054	0.0096	0.0149	0.0213	0.0309
Transect T-C118	0.0433	0.0563	0.0700	0.0846	0.0999
	0.1156	0.1316	0.1480	0.1649	0.1823
	0.2011	0.2205	0.2402	0.2603	0.2807
	0.3016	0.3228	0.3443	0.3660	0.3881
	0.4111	0.4353	0.4599	0.4850	0.5108
	0.5389	0.5685	0.5987	0.6295	0.6607
	0.6926	0.7261	0.7599	0.7938	0.8278
	0.8620	0.8963	0.9308	0.9653	1.0000
	0.0174	0.0347	0.0521	0.0695	0.0810
	0.0734	0.0843	0.0997	0.1123	0.1009
Hrad:	0.1251	0.1508	0.1750	0.1983	0.2240
	0.2544	0.2833	0.3096	0.3350	0.3580
	0.3643	0.3927	0.4207	0.4472	0.4730

Width:	0.4990	0.5269	0.5545	0.5819	0.6022
	0.5965	0.6210	0.6452	0.6659	0.6841
	0.6384	0.6629	0.6841	0.7063	0.7299
	0.7435	0.7500	0.7815	0.8128	0.8441
	0.8752	0.9061	0.9371	0.9686	1.0000
	0.0056	0.0112	0.0168	0.0224	0.0476
	0.1061	0.1359	0.1657	0.2046	0.3467
	0.3660	0.3841	0.4074	0.4321	0.4474
	0.4557	0.4659	0.4794	0.4936	0.5107
	0.5536	0.5630	0.5725	0.5835	0.5951
Transect T-C1450_1 Area:	0.6060	0.6142	0.6224	0.6306	0.6462
	0.6910	0.7029	0.7147	0.7302	0.7685
	0.8464	0.8599	0.8775	0.8936	0.9074
	0.9336	0.9701	0.9741	0.9780	0.9820
	0.9859	0.9899	0.9937	0.9968	1.0000
	0.0002	0.0006	0.0014	0.0024	0.0040
	0.0066	0.0105	0.0155	0.0212	0.0274
	0.0347	0.0439	0.0545	0.0663	0.0792
	0.0926	0.1064	0.1212	0.1374	0.1554
	0.1746	0.1949	0.2163	0.2391	0.2629
Hrad:	0.2874	0.3126	0.3387	0.3655	0.3926
	0.4199	0.4473	0.4749	0.5031	0.5322
	0.5623	0.5926	0.6231	0.6538	0.6846
	0.7155	0.7465	0.7777	0.8090	0.8405
	0.8723	0.9041	0.9360	0.9680	1.0000
	0.0160	0.0321	0.0507	0.0653	0.0631
	0.0636	0.0799	0.0944	0.1141	0.1408
	0.1615	0.1649	0.1830	0.1944	0.2030
	0.2275	0.2523	0.2746	0.2856	0.2640
	0.2934	0.3207	0.3460	0.3696	0.3927
Width:	0.4155	0.4382	0.4574	0.4340	0.4639
	0.4933	0.5226	0.5451	0.5716	0.5981
	0.5973	0.6252	0.6535	0.6825	0.7117
	0.7409	0.7700	0.7989	0.8278	0.8489
	0.8794	0.9096	0.9398	0.9699	1.0000
	0.0097	0.0194	0.0274	0.0364	0.0641
	0.1036	0.1413	0.1647	0.1861	0.2072
	0.2554	0.3060	0.3489	0.3898	0.4106
	0.4237	0.4428	0.4823	0.5284	0.5892
	0.6188	0.6451	0.6941	0.7289	0.7519
Transect T-C61 Area:	0.7792	0.7960	0.8286	0.8430	0.8472
	0.8518	0.8566	0.8720	0.8891	0.9290
	0.9421	0.9486	0.9542	0.9587	0.9626
	0.9664	0.9703	0.9742	0.9780	0.9907
	0.9925	0.9943	0.9962	0.9981	1.0000
	0.0027	0.0075	0.0149	0.0282	0.0418
	0.0557	0.0698	0.0842	0.0989	0.1139
	0.1292	0.1449	0.1612	0.1780	0.1955
	0.2134	0.2316	0.2502	0.2692	0.2886
	0.3084	0.3287	0.3495	0.3706	0.3921
Hrad:	0.4139	0.4362	0.4589	0.4822	0.5060
	0.5300	0.5540	0.5781	0.6023	0.6266
	0.6510	0.6754	0.6999	0.7245	0.7492
	0.7739	0.7987	0.8236	0.8485	0.8736
	0.8987	0.9239	0.9492	0.9745	1.0000
	0.0161	0.0376	0.0298	0.0551	0.0799
	0.1041	0.1280	0.1514	0.1744	0.1970
	0.2193	0.2371	0.2541	0.2709	0.2883
	0.3089	0.3292	0.3490	0.3666	0.3840
	0.4012	0.4182	0.4351	0.4542	0.4735
Width:	0.4908	0.5056	0.5203	0.5350	0.5515
	0.5751	0.5986	0.6220	0.6453	0.6684
	0.6914	0.7144	0.7372	0.7598	0.7824
	0.8049	0.8272	0.8495	0.8716	0.8937
	0.9156	0.9374	0.9584	0.9792	1.0000
	0.1718	0.2047	0.5155	0.5265	0.5375
	0.5486	0.5596	0.5707	0.5817	0.5927
	0.6038	0.6261	0.6497	0.6734	0.6948
	0.7077	0.7206	0.7340	0.7517	0.7693
	0.7869	0.8046	0.8222	0.8352	0.8473
	0.8627	0.8824	0.9022	0.9219	0.9380
	0.9410	0.9439	0.9469	0.9499	0.9528
	0.9558	0.9588	0.9618	0.9647	0.9677

	0.9707	0.9736	0.9766	0.9796	0.9825
	0.9855	0.9885	0.9923	0.9962	1.0000
Transect T-C71					
Area:	0.0071	0.0144	0.0220	0.0298	0.0378
	0.0461	0.0546	0.0634	0.0724	0.0817
	0.0911	0.1009	0.1108	0.1211	0.1315
	0.1422	0.1531	0.1643	0.1757	0.1874
	0.1993	0.2118	0.2247	0.2382	0.2521
	0.2666	0.2815	0.2970	0.3130	0.3296
	0.3468	0.3647	0.3851	0.4096	0.4373
	0.4664	0.4961	0.5266	0.5579	0.5901
	0.6232	0.6571	0.6935	0.7328	0.7748
	0.8195	0.8645	0.9096	0.9548	1.0000
Hrad:	0.0446	0.0877	0.1295	0.1702	0.2098
	0.2483	0.2860	0.3229	0.3590	0.3944
	0.4291	0.4633	0.4969	0.5299	0.5625
	0.5947	0.6264	0.6577	0.6886	0.7192
	0.7393	0.7542	0.7697	0.7856	0.8021
	0.8190	0.8362	0.8538	0.8678	0.8803
	0.8936	0.9075	0.9158	0.9154	0.6899
	0.7179	0.7456	0.7712	0.7949	0.8185
	0.8420	0.8579	0.8254	0.8179	0.8027
	0.8247	0.8686	0.9125	0.9563	1.0000
Width:	0.1592	0.1645	0.1698	0.1751	0.1804
	0.1857	0.1911	0.1964	0.2017	0.2070
	0.2123	0.2176	0.2230	0.2283	0.2336
	0.2389	0.2442	0.2495	0.2549	0.2602
	0.2692	0.2804	0.2916	0.3027	0.3139
	0.3251	0.3362	0.3474	0.3602	0.3739
	0.3877	0.4014	0.5055	0.5793	0.6337
	0.6495	0.6652	0.6826	0.7017	0.7208
	0.7399	0.7658	0.8401	0.8959	0.9654
	0.9938	0.9954	0.9969	0.9985	1.0000
Transect T-C74					
Area:	0.0006	0.0026	0.0057	0.0095	0.0138
	0.0186	0.0240	0.0298	0.0362	0.0430
	0.0505	0.0589	0.0686	0.0793	0.0911
	0.1039	0.1177	0.1330	0.1500	0.1681
	0.1870	0.2067	0.2271	0.2483	0.2701
	0.2924	0.3152	0.3386	0.3625	0.3870
	0.4120	0.4375	0.4635	0.4902	0.5174
	0.5451	0.5734	0.6023	0.6318	0.6618
	0.6926	0.7242	0.7566	0.7897	0.8236
	0.8582	0.8932	0.9285	0.9641	1.0000
Hrad:	0.0181	0.0362	0.0582	0.0848	0.1094
	0.1327	0.1550	0.1766	0.1977	0.2183
	0.2306	0.2350	0.2425	0.2538	0.2678
	0.2825	0.2970	0.2977	0.3064	0.3288
	0.3508	0.3726	0.3936	0.4176	0.4432
	0.4684	0.4932	0.5178	0.5420	0.5660
	0.5898	0.6131	0.6358	0.6583	0.6806
	0.7027	0.7247	0.7465	0.7682	0.7855
	0.8021	0.8187	0.8353	0.8520	0.8688
	0.8895	0.9175	0.9452	0.9727	1.0000
Width:	0.0355	0.0711	0.0984	0.1126	0.1267
	0.1409	0.1551	0.1692	0.1834	0.1976
	0.2193	0.2515	0.2836	0.3136	0.3414
	0.3692	0.3978	0.4483	0.4915	0.5133
	0.5350	0.5568	0.5792	0.5969	0.6117
	0.6266	0.6415	0.6563	0.6712	0.6860
	0.7009	0.7159	0.7315	0.7471	0.7627
	0.7783	0.7939	0.8094	0.8250	0.8452
	0.8664	0.8876	0.9088	0.9300	0.9512
	0.9678	0.9759	0.9839	0.9920	1.0000
Transect T-C76					
Area:	0.0005	0.0019	0.0044	0.0078	0.0121
	0.0175	0.0238	0.0311	0.0394	0.0490
	0.0599	0.0720	0.0849	0.0985	0.1129
	0.1281	0.1440	0.1606	0.1777	0.1955
	0.2139	0.2328	0.2523	0.2725	0.2933
	0.3148	0.3372	0.3604	0.3844	0.4092
	0.4345	0.4604	0.4869	0.5140	0.5417
	0.5699	0.5988	0.6280	0.6575	0.6873
	0.7174	0.7477	0.7783	0.8092	0.8403

Hrad:	0.8717	0.9034	0.9353	0.9675	1.0000
	0.0163	0.0327	0.0490	0.0653	0.0817
	0.0980	0.1143	0.1307	0.1437	0.1562
	0.1696	0.1883	0.2091	0.2295	0.2494
	0.2690	0.2889	0.3108	0.3324	0.3535
	0.3744	0.3950	0.4153	0.4354	0.4517
	0.4673	0.4829	0.4986	0.5143	0.5331
	0.5531	0.5730	0.5928	0.6124	0.6318
	0.6511	0.6709	0.6972	0.7234	0.7493
	0.7751	0.8007	0.8261	0.8514	0.8765
	0.9015	0.9264	0.9510	0.9756	1.0000
Width:	0.0298	0.0595	0.0893	0.1191	0.1488
	0.1786	0.2084	0.2381	0.2747	0.3143
	0.3540	0.3831	0.4065	0.4299	0.4534
	0.4768	0.4991	0.5173	0.5354	0.5536
	0.5717	0.5898	0.6080	0.6261	0.6496
	0.6742	0.6987	0.7232	0.7478	0.7678
	0.7857	0.8037	0.8216	0.8395	0.8574
	0.8753	0.8924	0.9007	0.9090	0.9172
	0.9255	0.9338	0.9421	0.9503	0.9586
	0.9669	0.9752	0.9834	0.9917	1.0000
Transect T-C78					
Area:	0.0002	0.0006	0.0014	0.0025	0.0039
	0.0056	0.0076	0.0100	0.0126	0.0156
	0.0198	0.0264	0.0366	0.0488	0.0616
	0.0751	0.0891	0.1038	0.1196	0.1376
	0.1570	0.1773	0.1985	0.2205	0.2434
	0.2676	0.2928	0.3189	0.3457	0.3734
	0.4018	0.4310	0.4610	0.4915	0.5223
	0.5532	0.5842	0.6153	0.6466	0.6781
	0.7096	0.7413	0.7732	0.8052	0.8373
	0.8696	0.9020	0.9345	0.9672	1.0000
Hrad:	0.0165	0.0330	0.0495	0.0660	0.0825
	0.0990	0.1155	0.1320	0.1486	0.1651
	0.1189	0.1139	0.1025	0.1299	0.1563
	0.1819	0.2066	0.2269	0.2451	0.2416
	0.2634	0.2848	0.3060	0.3272	0.3441
	0.3602	0.3796	0.4014	0.4229	0.4441
	0.4637	0.4846	0.5062	0.5333	0.5636
	0.5938	0.6239	0.6537	0.6834	0.7129
	0.7423	0.7715	0.8006	0.8295	0.8583
	0.8869	0.9154	0.9437	0.9719	1.0000
Width:	0.0095	0.0189	0.0284	0.0378	0.0473
	0.0568	0.0662	0.0757	0.0852	0.0946
	0.1677	0.2339	0.3615	0.3802	0.3988
	0.4175	0.4362	0.4630	0.4936	0.5765
	0.6033	0.6300	0.6564	0.6820	0.7161
	0.7521	0.7810	0.8044	0.8278	0.8511
	0.8771	0.9004	0.9218	0.9326	0.9368
	0.9411	0.9453	0.9495	0.9537	0.9579
	0.9621	0.9663	0.9705	0.9747	0.9789
	0.9832	0.9874	0.9916	0.9958	1.0000
Transect T-C8					
Area:	0.0020	0.0042	0.0065	0.0089	0.0114
	0.0141	0.0169	0.0198	0.0228	0.0260
	0.0296	0.0342	0.0416	0.0496	0.0591
	0.0706	0.0864	0.1054	0.1266	0.1508
	0.1766	0.2026	0.2288	0.2552	0.2817
	0.3085	0.3354	0.3625	0.3897	0.4171
	0.4447	0.4724	0.5003	0.5284	0.5567
	0.5852	0.6139	0.6427	0.6717	0.7009
	0.7302	0.7596	0.7892	0.8190	0.8489
	0.8789	0.9091	0.9393	0.9696	1.0000
Hrad:	0.0296	0.0575	0.0840	0.1092	0.1334
	0.1567	0.1792	0.2011	0.2223	0.2431
	0.2294	0.2008	0.1638	0.1826	0.1987
	0.2100	0.1723	0.1752	0.1960	0.1797
	0.2084	0.2370	0.2656	0.2943	0.3228
	0.3511	0.3793	0.4072	0.4351	0.4629
	0.4907	0.5183	0.5451	0.5718	0.5983
	0.6247	0.6509	0.6775	0.7045	0.7313
	0.7580	0.7845	0.8110	0.8374	0.8636
	0.8897	0.9174	0.9450	0.9726	1.0000
Width:	0.0687	0.0729	0.0771	0.0813	0.0855

	0.0897	0.0939	0.0981	0.1023	0.1065
	0.1283	0.2159	0.2541	0.2811	0.3420
	0.4525	0.5612	0.6751	0.7321	0.8428
	0.8504	0.8579	0.8645	0.8701	0.8758
	0.8815	0.8871	0.8928	0.8984	0.9037
	0.9087	0.9139	0.9202	0.9265	0.9328
	0.9390	0.9453	0.9509	0.9557	0.9606
	0.9654	0.9703	0.9752	0.9800	0.9849
	0.9897	0.9923	0.9948	0.9974	1.0000

Transect T-C84

Area:	0.0002	0.0007	0.0027	0.0075	0.0169
	0.0267	0.0370	0.0476	0.0585	0.0697
	0.0813	0.0935	0.1060	0.1188	0.1319
	0.1452	0.1589	0.1737	0.1896	0.2103
	0.2353	0.2611	0.2870	0.3129	0.3388
	0.3648	0.3908	0.4169	0.4430	0.4691
	0.4953	0.5215	0.5478	0.5740	0.6004
	0.6267	0.6531	0.6796	0.7061	0.7326
	0.7592	0.7858	0.8124	0.8391	0.8658
	0.8926	0.9194	0.9462	0.9731	1.0000

Hrad:	0.0136	0.0271	0.0300	0.0233	0.0479
	0.0723	0.0964	0.1203	0.1436	0.1663
	0.1862	0.2056	0.2274	0.2496	0.2715
	0.2931	0.3028	0.3113	0.3224	0.2514
	0.2479	0.2746	0.3012	0.3278	0.3543
	0.3808	0.4072	0.4335	0.4598	0.4861
	0.5123	0.5384	0.5645	0.5905	0.6165
	0.6424	0.6683	0.6941	0.7199	0.7456
	0.7713	0.7969	0.8225	0.8480	0.8734
	0.8989	0.9242	0.9495	0.9748	1.0000

Width:	0.0137	0.0274	0.1094	0.3273	0.3562
	0.3732	0.3872	0.3991	0.4110	0.4232
	0.4411	0.4589	0.4706	0.4804	0.4902
	0.5000	0.5295	0.5633	0.6270	0.8946
	0.9577	0.9593	0.9608	0.9623	0.9638
	0.9652	0.9667	0.9681	0.9696	0.9710
	0.9725	0.9739	0.9754	0.9768	0.9783
	0.9797	0.9812	0.9826	0.9841	0.9855
	0.9870	0.9884	0.9899	0.9913	0.9928
	0.9942	0.9957	0.9971	0.9986	1.0000

Transect T-C97

Area:	0.0002	0.0007	0.0015	0.0027	0.0043
	0.0061	0.0084	0.0109	0.0138	0.0170
	0.0205	0.0242	0.0282	0.0328	0.0391
	0.0464	0.0557	0.0683	0.0832	0.0989
	0.1163	0.1353	0.1558	0.1774	0.1997
	0.2235	0.2482	0.2739	0.3006	0.3288
	0.3576	0.3871	0.4174	0.4483	0.4798
	0.5116	0.5450	0.5789	0.6130	0.6472
	0.6816	0.7162	0.7509	0.7858	0.8209
	0.8562	0.8916	0.9272	0.9633	1.0000

Hrad:	0.0186	0.0372	0.0558	0.0743	0.0929
	0.1115	0.1301	0.1487	0.1692	0.1902
	0.2107	0.2309	0.2509	0.2144	0.2164
	0.2259	0.2166	0.2089	0.2035	0.2262
	0.2366	0.2536	0.2749	0.3011	0.3257
	0.3428	0.3648	0.3921	0.4034	0.4295
	0.4576	0.4822	0.5076	0.5349	0.5646
	0.5941	0.6003	0.6342	0.6678	0.7013
	0.7346	0.7678	0.8009	0.8339	0.8667
	0.8993	0.9310	0.9613	0.9912	1.0000

Width:	0.0092	0.0184	0.0277	0.0369	0.0461
	0.0553	0.0645	0.0738	0.0819	0.0896
	0.0973	0.1050	0.1127	0.1535	0.1813
	0.2167	0.2914	0.3821	0.4108	0.4394
	0.4942	0.5363	0.5697	0.5921	0.6163
	0.6554	0.6840	0.7023	0.7491	0.7696
	0.7856	0.8071	0.8267	0.8426	0.8542
	0.8658	0.9125	0.9171	0.9218	0.9264
	0.9311	0.9356	0.9400	0.9444	0.9489
	0.9533	0.9586	0.9651	0.9824	1.0000

Transect T-SMC14

Area:	0.0044	0.0103	0.0168	0.0237	0.0311
	0.0390	0.0473	0.0561	0.0654	0.0751

	0.0853	0.0962	0.1078	0.1201	0.1331
	0.1469	0.1616	0.1777	0.1950	0.2128
	0.2312	0.2500	0.2694	0.2892	0.3095
	0.3303	0.3514	0.3730	0.3950	0.4175
	0.4404	0.4637	0.4876	0.5119	0.5366
	0.5619	0.5883	0.6160	0.6450	0.6751
	0.7064	0.7385	0.7708	0.8032	0.8358
	0.8684	0.9011	0.9340	0.9669	1.0000
Hrad:	0.0254	0.0555	0.0838	0.1105	0.1359
	0.1602	0.1837	0.2065	0.2286	0.2503
	0.2710	0.2851	0.2997	0.3148	0.3300
	0.3454	0.3486	0.3529	0.3677	0.3906
	0.4131	0.4353	0.4572	0.4789	0.5003
	0.5228	0.5460	0.5689	0.5899	0.6106
	0.6311	0.6515	0.6717	0.6917	0.7117
	0.7233	0.7209	0.7205	0.7246	0.7296
	0.7334	0.7595	0.7899	0.8202	0.8505
	0.8806	0.9106	0.9405	0.9703	1.0000
Width:	0.1735	0.1877	0.2019	0.2161	0.2303
	0.2445	0.2587	0.2729	0.2871	0.3013
	0.3159	0.3385	0.3607	0.3827	0.4047
	0.4267	0.4652	0.5054	0.5322	0.5469
	0.5616	0.5763	0.5910	0.6057	0.6204
	0.6335	0.6452	0.6570	0.6709	0.6849
	0.6988	0.7128	0.7268	0.7407	0.7547
	0.7775	0.8169	0.8559	0.8912	0.9265
	0.9644	0.9736	0.9769	0.9802	0.9835
	0.9868	0.9901	0.9934	0.9967	1.0000
Transect T-U012001					
Area:	0.0016	0.0043	0.0078	0.0120	0.0168
	0.0223	0.0283	0.0350	0.0421	0.0499
	0.0582	0.0672	0.0773	0.0888	0.1013
	0.1145	0.1289	0.1442	0.1605	0.1777
	0.1956	0.2145	0.2344	0.2549	0.2756
	0.2968	0.3185	0.3413	0.3650	0.3891
	0.4134	0.4379	0.4627	0.4878	0.5141
	0.5412	0.5689	0.5970	0.6255	0.6544
	0.6839	0.7140	0.7446	0.7764	0.8109
	0.8462	0.8823	0.9197	0.9594	1.0000
Hrad:	0.0297	0.0568	0.0839	0.1091	0.1351
	0.1609	0.1861	0.2105	0.2343	0.2586
	0.2796	0.2934	0.2963	0.3057	0.3267
	0.3463	0.3593	0.3787	0.3975	0.4200
	0.4407	0.4593	0.4797	0.5131	0.5465
	0.5750	0.5999	0.6041	0.6333	0.6677
	0.7019	0.7361	0.7701	0.7961	0.7959
	0.8197	0.8464	0.8751	0.9051	0.9284
	0.9525	0.9769	0.9958	0.9824	0.9609
	0.9844	0.9956	0.9898	0.9924	1.0000
Width:	0.0536	0.0756	0.0927	0.1098	0.1247
	0.1386	0.1523	0.1661	0.1798	0.1928
	0.2080	0.2289	0.2608	0.2905	0.3100
	0.3307	0.3587	0.3808	0.4038	0.4231
	0.4440	0.4671	0.4886	0.4967	0.5043
	0.5162	0.5309	0.5651	0.5764	0.5827
	0.5890	0.5950	0.6009	0.6128	0.6460
	0.6603	0.6722	0.6822	0.6910	0.7049
	0.7181	0.7309	0.7478	0.7904	0.8439
	0.8597	0.8863	0.9293	0.9668	1.0000

Analysis Options

Flow Units CMS
Process Models:
 Rainfall/Runoff YES
 RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing YES
 Ponding Allowed NO
 Water Quality NO
Infiltration Method CURVE_NUMBER
Flow Routing Method DYNWAVE
Surcharge Method EXTRAN
Starting Date 04/10/2025 00:00:00
Ending Date 04/12/2025 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	9.869	103.500
Evaporation Loss	0.000	0.000
Infiltration Loss	4.864	51.010
Surface Runoff	4.893	51.313
Final Storage	0.123	1.293
Continuity Error (%)	-0.112	

*****	Volume	Volume
Flow Routing Continuity	hectare-m	10^6 ltr
*****	-----	-----
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	4.893	48.927
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	4.494	44.942
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.326	3.257
Final Stored Volume	0.705	7.047
Continuity Error (%)	0.373	

Highest Continuity Errors

Node T015001 (2.18%)
Node T013042 (1.33%)
Node T013044 (1.09%)

Time-Step Critical Elements

Link PDDC01 (49.77%)
Link OFB_CC700 (26.73%)
Link PD_IS_HDPE300 (10.31%)
Link C131 (10.00%)

Highest Flow Instability Indexes

Link OFC_CC600 (11)
Link OFA_CC700 (2)

Most Frequent Nonconverging Nodes

Convergence obtained at all time steps.

Routing Time Step Summary

Minimum Time Step : 0.00 sec
Average Time Step : 2.39 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 : 40.70 %
3.155 - 1.991 sec : 19.35 %
1.991 - 1.256 sec : 4.74 %
1.256 - 0.792 sec : 31.20 %
0.792 - 0.500 sec : 4.01 %

Subcatchment Runoff Summary

Total	Peak	Runoff	Total	Total	Total	Total	Imperv	Perv	Total
Runoff	Runoff	Coeff	Precip	Runon	Evap	Infil	Runoff	Runoff	Runoff
Subcatchment	Subcatchment		mm	mm	mm	mm	mm	mm	mm
10^6 ltr	CMS								

G009005_1			103.50	0.00	0.00	55.43	7.14	39.70	46.85
1.28	0.22	0.453							
G009005_2			103.50	0.00	0.00	54.87	7.14	40.31	47.46
0.74	0.19	0.459							
G012001			103.50	0.00	0.00	55.32	7.14	39.83	46.97
1.43	0.27	0.454							
G013006			103.50	0.00	0.00	55.03	7.14	40.13	47.28
0.45	0.10	0.457							
G013007			103.50	0.00	0.00	55.11	7.14	40.03	47.17
1.11	0.23	0.456							
G013012			103.50	0.00	0.00	54.84	7.14	40.34	47.48
0.69	0.18	0.459							
G013016_1			103.50	0.00	0.00	55.19	7.15	39.96	47.11
0.93	0.19	0.455							
G013016_2			103.50	0.00	0.00	54.84	7.14	40.32	47.46
0.72	0.19	0.459							
G013024			103.50	0.00	0.00	54.87	7.14	40.31	47.45
1.05	0.27	0.458							
G013031			103.50	0.00	0.00	54.87	7.14	40.31	47.45
1.13	0.29	0.458							
G013032			103.50	0.00	0.00	54.74	7.14	40.45	47.59
0.80	0.23	0.460							
G013033			103.50	0.00	0.00	54.90	7.14	40.26	47.40
1.35	0.34	0.458							
G013037			103.50	0.00	0.00	54.69	7.14	40.51	47.65
1.04	0.31	0.460							
G013042			103.50	0.00	0.00	54.90	7.14	40.27	47.41
0.66	0.17	0.458							
G013043			103.50	0.00	0.00	54.61	7.14	40.61	47.75
0.98	0.32	0.461							
G013045			103.50	0.00	0.00	54.79	7.14	40.40	47.54
0.88	0.24	0.459							
G014001			103.50	0.00	0.00	55.22	7.14	39.92	47.06
1.57	0.31	0.455							
G015001_1			103.50	0.00	0.00	54.84	7.14	40.34	47.48
0.61	0.16	0.459							
G015001_2			103.50	0.00	0.00	55.27	7.14	39.86	47.00
0.59	0.11	0.454							
G015003_1			103.50	0.00	0.00	54.92	7.14	40.25	47.39
0.75	0.19	0.458							
G015003_2			103.50	0.00	0.00	54.71	7.14	40.49	47.63
0.58	0.17	0.460							
G016003_1			103.50	0.00	0.00	54.87	7.14	40.29	47.44
0.48	0.12	0.458							
G016003_2			103.50	0.00	0.00	55.14	7.14	40.02	47.16
0.78	0.16	0.456							
S1			103.50	0.00	0.00	54.58	7.14	40.64	47.78
0.20	0.07	0.462							
S1_1			103.50	0.00	0.00	54.63	7.14	40.58	47.72
0.07	0.02	0.461							
S1_10			103.50	0.00	0.00	54.53	7.14	40.72	47.86
0.04	0.01	0.462							
S1_2			103.50	0.00	0.00	54.39	7.14	40.87	48.01
0.10	0.04	0.464							
S1_3			103.50	0.00	0.00	55.14	7.14	40.01	47.15
0.34	0.07	0.456							
S1_4			103.50	0.00	0.00	55.14	7.14	40.01	47.15
0.22	0.05	0.456							
S1_5			103.50	0.00	0.00	54.74	7.14	40.44	47.58
0.15	0.04	0.460							
S1_6			103.50	0.00	0.00	54.77	7.14	40.43	47.57
0.12	0.03	0.460							
S1_7			103.50	0.00	0.00	54.84	7.14	40.32	47.46
0.21	0.05	0.459							
S1_8			103.50	0.00	0.00	55.14	7.14	40.00	47.14
0.11	0.02	0.455							
S10			103.50	0.00	0.00	54.50	7.14	40.73	47.88
0.40	0.14	0.463							
S101_2			103.50	0.00	0.00	54.84	7.14	40.33	47.47
0.49	0.13	0.459							
S102			103.50	0.00	0.00	54.84	7.14	40.34	47.48
0.42	0.11	0.459							

S11			103.50	0.00	0.00	54.98	7.14	40.19	47.34
0.53	0.13	0.457							
S112			103.50	0.00	0.00	54.66	7.14	40.54	47.68
0.24	0.07	0.461							
S113			103.50	0.00	0.00	54.69	7.14	40.52	47.66
0.30	0.09	0.461							
S115_2			103.50	0.00	0.00	6.80	81.96	13.45	95.41
0.01	0.00	0.922							
S130			103.50	0.00	0.00	54.58	7.14	40.63	47.77
0.30	0.10	0.462							
S132			103.50	0.00	0.00	54.92	7.14	40.25	47.39
0.56	0.14	0.458							
S137			103.50	0.00	0.00	55.24	7.14	39.91	47.05
1.02	0.20	0.455							
S15_4			103.50	0.00	0.00	54.39	7.14	40.88	48.02
0.09	0.04	0.464							
S16			103.50	0.00	0.00	54.69	7.14	40.51	47.65
0.29	0.09	0.460							
S18			103.50	0.00	0.00	54.58	7.14	40.63	47.77
0.26	0.08	0.462							
S19			103.50	0.00	0.00	54.61	7.14	40.61	47.75
0.28	0.09	0.461							
S2			103.50	0.00	0.00	54.58	7.14	40.64	47.78
0.20	0.07	0.462							
S2_13			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.02	0.01	0.919							
S2_14			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.03	0.01	0.919							
S2_15			103.50	0.00	0.00	55.08	7.14	40.07	47.21
0.10	0.02	0.456							
S2_16			103.50	16.26	0.00	54.79	8.28	55.53	63.81
0.36	0.10	0.533							
S2_18			103.50	0.00	0.00	54.29	7.14	41.02	48.16
0.07	0.03	0.465							
S2_19			103.50	0.00	0.00	54.21	7.15	41.11	48.26
0.03	0.02	0.466							
S2_20			103.50	0.00	0.00	54.29	7.14	41.00	48.14
0.08	0.03	0.465							
S2_22			103.50	0.00	0.00	55.29	7.14	39.85	46.99
0.03	0.01	0.454							
S2_23			103.50	0.00	0.00	54.71	7.14	40.47	47.61
0.15	0.04	0.460							
S2_24			103.50	0.00	0.00	55.27	7.14	39.86	47.01
0.02	0.00	0.454							
S2_25			103.50	0.00	0.00	55.00	7.14	40.15	47.29
0.02	0.00	0.457							
S2_26			103.50	0.00	0.00	55.37	7.14	39.76	46.91
0.01	0.00	0.453							
S2_30			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.03	0.01	0.919							
S2_31			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.02	0.01	0.919							
S2_32			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.02	0.01	0.919							
S2_34			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.02	0.01	0.919							
S2_35			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.02	0.01	0.919							
S2_36			103.50	0.00	0.00	6.80	81.62	13.45	95.07
0.04	0.01	0.919							
S2_37			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.02	0.01	0.919							
S2_38			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.03	0.01	0.919							
S2_39			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.03	0.01	0.919							
S2_4			103.50	0.00	0.00	6.80	82.00	13.40	95.40
0.02	0.01	0.922							
S2_40			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.02	0.01	0.919							
S2_41			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.01	0.01	0.919							
S20_1			103.50	0.00	0.00	0.00	102.50	0.00	102.50
0.61	0.21	0.990							
S20_10			103.50	0.00	0.00	0.00	102.50	0.00	102.50
0.61	0.21	0.990							
S20_11			103.50	0.00	0.00	0.00	102.50	0.00	102.50
0.74	0.26	0.990							
S20_12			103.50	0.00	0.00	6.80	82.00	13.41	95.41
0.04	0.01	0.922							
S20_13			103.50	0.00	0.00	0.00	102.50	0.00	102.50
0.81	0.28	0.990							
S20_2			103.50	0.00	0.00	6.80	81.98	13.44	95.43
0.12	0.04	0.922							
S20_3			103.50	0.00	0.00	0.00	102.50	0.00	102.50
1.04	0.36	0.990							
S20_6			103.50	0.00	0.00	6.80	81.98	13.44	95.43
0.10	0.04	0.922							

S20_7			103.50	0.00	0.00	0.00	102.50	0.00	102.50
0.16	0.05	0.990							
S20_8			103.50	0.00	0.00	0.00	102.50	0.00	102.50
0.79	0.27	0.990							
S20_9			103.50	0.00	0.00	0.00	102.50	0.00	102.50
0.62	0.21	0.990							
S22_4			103.50	0.00	0.00	6.80	81.86	13.48	95.34
0.03	0.01	0.921							
S22_5			103.50	0.00	0.00	6.80	81.86	13.48	95.34
0.05	0.02	0.921							
S23			103.50	0.00	0.00	55.32	7.14	39.83	46.97
1.17	0.22	0.454							
S25			103.50	0.00	0.00	55.03	7.14	40.13	47.27
0.58	0.13	0.457							
S29			103.50	0.00	0.00	54.71	7.14	40.50	47.64
0.26	0.08	0.460							
S3			103.50	28.67	0.00	55.51	9.15	66.31	75.46
1.00	0.16	0.571							
S33			103.50	0.00	0.00	55.03	7.14	40.12	47.26
0.64	0.14	0.457							
S34			103.50	0.00	0.00	54.74	7.14	40.44	47.58
0.72	0.21	0.460							
S36			103.50	0.00	0.00	54.74	7.14	40.44	47.59
0.67	0.19	0.460							
S37_2			103.50	0.00	0.00	54.90	7.14	40.28	47.42
0.61	0.15	0.458							
S4			103.50	0.00	0.00	54.63	7.14	40.58	47.72
0.07	0.02	0.461							
S44_3			103.50	0.00	0.00	54.69	7.14	40.52	47.66
0.32	0.10	0.460							
S45			103.50	0.00	0.00	54.42	7.14	40.82	47.96
0.21	0.08	0.463							
S48_1			103.50	0.00	0.00	54.90	7.14	40.27	47.41
0.60	0.15	0.458							
S5			103.50	0.00	0.00	54.71	7.14	40.47	47.62
1.27	0.37	0.460							
S51			103.50	0.00	0.00	55.06	7.14	40.10	47.25
0.69	0.15	0.456							
S54			103.50	0.00	0.00	54.58	7.14	40.63	47.77
0.30	0.10	0.462							
S56_1			103.50	0.00	0.00	54.29	7.15	41.00	48.15
0.14	0.06	0.465							
S6			103.50	0.00	0.00	54.71	7.14	40.49	47.63
0.38	0.11	0.460							
S61			103.50	0.00	0.00	55.22	7.14	39.93	47.08
0.37	0.07	0.455							
S63_2			103.50	0.00	0.00	54.58	7.14	40.64	47.78
0.16	0.05	0.462							
S63_3			103.50	0.00	0.00	54.45	7.14	40.82	47.96
0.18	0.07	0.463							
S65			103.50	0.00	0.00	55.43	7.14	39.71	46.86
0.44	0.08	0.453							
S69			103.50	0.00	0.00	55.19	7.14	39.95	47.09
0.60	0.12	0.455							
S7			103.50	0.00	0.00	6.80	81.97	13.45	95.42
0.47	0.17	0.922							
S76_3			103.50	0.00	0.00	54.74	7.14	40.46	47.60
0.37	0.11	0.460							
S77			103.50	0.00	0.00	54.79	7.14	40.40	47.54
0.24	0.07	0.459							
S8			103.50	0.00	0.00	6.80	81.98	13.44	95.42
0.30	0.11	0.922							
S80_3			103.50	0.00	0.00	6.80	81.99	13.44	95.43
0.03	0.01	0.922							
S88_2			103.50	0.00	0.00	54.92	7.14	40.23	47.37
0.48	0.12	0.458							
S88_3			103.50	0.00	0.00	6.80	81.96	13.45	95.41
0.06	0.02	0.922							
S9_1			103.50	0.00	0.00	54.37	7.14	40.90	48.04
0.17	0.07	0.464							
S9_10			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.03	0.01	0.919							
S9_2			103.50	0.00	0.00	54.58	7.14	40.64	47.78
0.09	0.03	0.462							
S9_3			103.50	0.00	0.00	54.58	7.14	40.64	47.78
0.12	0.04	0.462							
S9_4			103.50	18.23	0.00	54.34	8.43	57.91	66.34
0.10	0.04	0.545							
S9_5			103.50	0.00	0.00	54.47	7.14	40.76	47.90
0.13	0.05	0.463							
S9_6			103.50	14.15	0.00	54.92	8.13	53.41	61.54
0.15	0.04	0.523							
S9_7			103.50	21.85	0.00	55.22	8.67	60.27	68.95
0.09	0.02	0.550							
S9_8			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.03	0.01	0.919							
S9_9			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.03	0.01	0.919							

S90			103.50	0.00	0.00	54.92	7.14	40.26	47.40
0.25	0.06	0.458							
S91_1			103.50	0.00	0.00	6.80	81.97	13.45	95.42
0.05	0.02	0.922							
S91_2			103.50	0.00	0.00	54.42	7.14	40.83	47.97
0.11	0.04	0.464							
S92			103.50	0.00	0.00	54.82	7.14	40.35	47.49
0.32	0.09	0.459							

Node Depth Summary

		Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min		Reported Max Depth Meters
Node	Type						
16017	JUNCTION	0.32	1.19	94.61	0	14:32	1.19
16094	JUNCTION	0.00	0.03	92.21	0	12:05	0.03
16130	JUNCTION	0.32	1.19	94.61	0	14:33	1.19
25010	JUNCTION	0.04	0.41	94.81	0	12:20	0.41
25025	JUNCTION	0.05	0.41	95.05	0	12:16	0.41
26419	JUNCTION	0.09	0.61	94.61	0	14:33	0.61
26456	JUNCTION	0.15	0.58	94.81	0	12:21	0.58
26578	JUNCTION	0.00	0.00	95.36	0	00:00	0.00
DDJ01	JUNCTION	0.06	0.34	100.71	0	12:32	0.34
DDJ02	JUNCTION	0.08	0.44	100.47	0	12:31	0.44
DDJ03	JUNCTION	0.08	0.45	100.36	0	12:31	0.45
DDJ04	JUNCTION	0.08	0.45	100.14	0	12:31	0.45
DDJ05	JUNCTION	0.08	0.46	99.84	0	12:31	0.46
DDJ06	JUNCTION	0.07	0.40	99.62	0	12:32	0.40
DDJ07	JUNCTION	0.07	0.42	98.80	0	12:32	0.42
DDJ08	JUNCTION	0.07	0.41	98.43	0	12:33	0.41
DDJ09	JUNCTION	0.08	0.42	98.28	0	12:33	0.42
DDJ10	JUNCTION	0.07	0.37	98.06	0	12:33	0.37
DDJ11	JUNCTION	0.07	0.38	97.85	0	12:33	0.38
DDJ12	JUNCTION	0.08	0.42	97.70	0	12:33	0.42
DDJ13	JUNCTION	0.07	0.35	97.38	0	12:34	0.35
DDJ14	JUNCTION	0.07	0.36	96.63	0	12:33	0.36
J101	JUNCTION	0.06	0.70	99.76	0	12:39	0.70
J117	JUNCTION	0.05	0.18	100.63	0	12:03	0.18
J14	JUNCTION	0.06	0.30	92.36	0	12:07	0.30
J152	JUNCTION	0.01	0.13	102.72	0	12:00	0.13
J160	JUNCTION	0.01	0.16	103.70	0	12:00	0.16
J17	JUNCTION	0.09	0.39	93.12	0	12:07	0.39
J2	JUNCTION	0.26	1.11	94.61	0	14:33	1.11
J24	JUNCTION	0.00	0.00	96.89	0	00:00	0.00
J253	JUNCTION	0.02	0.18	102.37	0	12:02	0.18
J259	JUNCTION	0.04	0.44	99.76	0	12:39	0.44
J26	JUNCTION	0.06	0.37	98.29	0	12:00	0.37
J274	JUNCTION	0.05	0.24	91.62	0	12:06	0.24
J276	JUNCTION	0.04	0.25	96.51	0	12:03	0.25
J28	JUNCTION	0.02	0.22	100.55	0	12:03	0.22
J29	JUNCTION	0.06	0.51	101.56	0	12:02	0.51
J3	JUNCTION	0.02	0.21	102.51	0	12:00	0.21
J30	JUNCTION	0.04	0.42	101.73	0	12:01	0.42
J31	JUNCTION	0.02	0.29	102.10	0	12:01	0.29
J32	JUNCTION	0.02	0.23	102.30	0	12:01	0.23
J33	JUNCTION	0.08	0.51	95.40	0	12:06	0.51
J34	JUNCTION	0.01	0.13	102.63	0	12:00	0.13
J35	JUNCTION	0.14	0.59	95.36	0	12:07	0.59
J36	JUNCTION	0.02	0.29	94.81	0	12:20	0.29
J38	JUNCTION	1.01	1.35	98.05	0	20:54	1.35
J39	JUNCTION	0.36	0.67	98.19	0	12:00	0.67
J43	JUNCTION	0.06	0.29	95.10	0	12:07	0.29
J46	JUNCTION	0.00	0.06	98.30	0	12:00	0.06
J47	JUNCTION	0.60	0.87	98.08	0	20:54	0.87
J48	JUNCTION	0.01	0.18	98.46	0	12:00	0.18
J49	JUNCTION	0.01	0.11	101.11	0	12:00	0.11
J5	JUNCTION	0.05	0.40	92.20	0	12:08	0.40
J50	JUNCTION	0.01	0.33	99.16	0	12:00	0.33
J51	JUNCTION	0.05	0.86	99.16	0	12:00	0.86
J52	JUNCTION	0.01	0.17	100.17	0	12:00	0.17
J53	JUNCTION	0.01	0.11	97.22	0	12:00	0.11
J54	JUNCTION	0.02	0.38	99.47	0	12:00	0.38
J55	JUNCTION	0.01	0.53	99.16	0	12:00	0.53
J56	JUNCTION	0.29	0.63	98.23	0	12:00	0.63
J58	JUNCTION	0.00	0.04	99.62	0	12:00	0.04
J59	JUNCTION	0.00	0.05	99.15	0	12:00	0.05
J60	JUNCTION	0.01	0.09	98.60	0	12:00	0.08
J61	JUNCTION	0.02	0.19	98.50	0	12:00	0.19
J62	JUNCTION	0.01	0.09	102.09	0	12:00	0.09

J63	JUNCTION	0.01	0.15	99.75	0	12:01	0.15
J64	JUNCTION	0.05	0.19	97.69	0	12:01	0.19
J65	JUNCTION	0.01	0.17	99.32	0	12:01	0.17
J66	JUNCTION	0.01	0.15	98.55	0	12:01	0.15
J67	JUNCTION	0.02	0.21	96.21	0	12:02	0.21
J68	JUNCTION	0.04	0.39	95.24	0	12:02	0.39
J69	JUNCTION	0.07	0.48	95.12	0	12:03	0.47
J70	JUNCTION	0.01	0.17	99.63	0	12:00	0.17
J71	JUNCTION	0.03	0.29	98.29	0	12:00	0.29
J72	JUNCTION	0.31	0.52	98.08	0	20:54	0.52
J73	JUNCTION	0.00	0.00	99.79	0	00:00	0.00
J8	JUNCTION	0.07	0.55	91.06	0	12:17	0.55
J80	JUNCTION	0.04	0.16	98.24	0	12:14	0.16
J87	JUNCTION	0.01	0.12	100.10	0	12:00	0.12
J88	JUNCTION	0.02	0.28	101.88	0	12:01	0.28
J89	JUNCTION	0.24	0.58	98.23	0	12:00	0.58
J9	JUNCTION	0.26	0.45	98.08	0	20:54	0.45
J90	JUNCTION	0.00	0.01	102.51	0	12:00	0.01
J92	JUNCTION	0.04	0.24	98.52	0	12:30	0.24
J93	JUNCTION	0.02	0.21	99.41	0	12:01	0.21
J94	JUNCTION	0.12	0.46	98.28	0	12:00	0.46
PDDJ01	JUNCTION	0.09	0.11	96.78	0	20:55	0.11
PDDJ02	JUNCTION	0.10	0.11	96.76	0	20:55	0.11
PDDJ03	JUNCTION	0.09	0.11	96.72	0	20:56	0.11
PDDJ04	JUNCTION	0.09	0.13	96.65	0	12:00	0.13
PDDJ05	JUNCTION	0.10	0.19	96.49	0	12:00	0.19
PDDJ06	JUNCTION	0.12	0.24	96.42	0	12:01	0.24
PDDJ07	JUNCTION	0.07	0.22	96.27	0	12:00	0.22
PDDJ08	JUNCTION	0.09	0.31	95.81	0	12:00	0.31
PDDJ09	JUNCTION	0.11	0.35	95.63	0	12:01	0.35
PDDJ10	JUNCTION	0.06	0.24	95.40	0	12:01	0.24
PDDJ11	JUNCTION	0.11	0.51	94.81	0	12:21	0.51
T009007	JUNCTION	0.00	0.00	100.64	0	00:00	0.00
T012001	JUNCTION	0.01	0.08	101.08	0	12:00	0.08
T013002	JUNCTION	0.05	0.21	100.85	0	12:31	0.21
T013003	JUNCTION	0.05	0.18	100.99	0	12:31	0.18
T013006	JUNCTION	0.03	0.13	101.48	0	12:30	0.13
T013007	JUNCTION	0.05	0.19	101.85	0	12:30	0.19
T013012	JUNCTION	0.05	0.17	103.64	0	12:31	0.17
T013016	JUNCTION	0.10	0.28	103.73	0	12:23	0.28
T013019	JUNCTION	0.03	0.08	104.53	0	13:04	0.08
T013020	JUNCTION	0.05	0.14	104.92	0	13:03	0.14
T013021	JUNCTION	0.02	0.10	105.22	0	13:03	0.10
T013022	JUNCTION	0.06	0.21	105.66	0	13:02	0.21
T013023	JUNCTION	0.05	0.20	105.99	0	13:01	0.20
T013024	JUNCTION	0.04	0.19	106.31	0	13:00	0.19
T013025	JUNCTION	0.04	0.13	106.42	0	13:00	0.13
T013031	JUNCTION	0.03	0.12	107.44	0	12:57	0.12
T013032	JUNCTION	0.04	0.17	107.88	0	12:56	0.17
T013033	JUNCTION	0.03	0.09	108.35	0	12:36	0.09
T013037	JUNCTION	0.03	0.11	108.65	0	12:34	0.11
T013042	JUNCTION	0.05	0.14	108.66	0	12:22	0.14
T013044	JUNCTION	0.05	0.14	108.67	0	12:09	0.14
T013045	JUNCTION	0.04	0.14	108.68	0	12:09	0.14
T014001	JUNCTION	0.05	0.17	103.65	0	12:29	0.17
T015001	JUNCTION	0.03	0.12	104.66	0	12:39	0.12
T015003	JUNCTION	0.03	0.08	106.22	0	12:06	0.08
T016001	JUNCTION	0.02	0.09	108.71	0	12:11	0.09
T016003	JUNCTION	0.02	0.09	108.86	0	12:00	0.09
T043003	JUNCTION	0.04	0.17	101.34	0	12:30	0.17
OF-A	OUTFALL	0.03	0.25	91.75	0	12:18	0.23
OF-B	OUTFALL	0.16	0.54	93.77	0	14:33	0.54
OF-C	OUTFALL	0.11	0.36	94.51	0	12:21	0.36
OF-EX	OUTFALL	0.04	0.23	89.85	0	12:17	0.23
SU1	STORAGE	2.23	2.58	98.08	0	20:54	2.58

Node Inflow Summary

Node	Type	Maximum	Maximum	Time of Max		Lateral	Total	Flow
		Lateral	Total			Inflow	Inflow	Balance
		Inflow	Inflow	Occurrence		Volume	Volume	Error
		CMS	CMS	days	hr:min	10^6 ltr	10^6 ltr	Percent
16017	JUNCTION	0.153	0.682	0	12:19	0.606	3.92	-0.007
16094	JUNCTION	0.000	0.057	0	12:02	0	0.0116	2.310
16130	JUNCTION	0.207	1.935	0	12:17	0.725	29.3	0.385
25010	JUNCTION	0.040	0.201	0	12:17	0.151	1.74	0.003
25025	JUNCTION	0.062	0.330	0	12:02	0.23	1.59	0.065
26419	JUNCTION	0.000	0.206	0	12:20	0	0.635	0.837
26456	JUNCTION	0.000	0.302	0	12:14	0	5.83	0.164

26578	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
DDJ01	JUNCTION	0.000	1.267	0	12:31	0	17	0.008
DDJ02	JUNCTION	0.000	1.443	0	12:31	0	19.1	0.004
DDJ03	JUNCTION	0.193	1.635	0	12:29	0.744	21.2	0.047
DDJ04	JUNCTION	0.194	1.685	0	12:30	0.686	21.9	0.004
DDJ05	JUNCTION	0.110	1.719	0	12:30	0.415	22.3	0.003
DDJ06	JUNCTION	0.067	1.734	0	12:31	0.202	22.5	0.005
DDJ07	JUNCTION	0.122	1.756	0	12:31	0.342	22.9	0.004
DDJ08	JUNCTION	0.000	1.755	0	12:32	0	22.9	0.003
DDJ09	JUNCTION	0.040	1.763	0	12:32	0.119	23	0.002
DDJ10	JUNCTION	0.000	1.763	0	12:33	0	23	0.001
DDJ11	JUNCTION	0.000	1.763	0	12:33	0	23	0.002
DDJ12	JUNCTION	0.031	1.769	0	12:33	0.0943	23.1	0.001
DDJ13	JUNCTION	0.000	1.769	0	12:33	0	23.1	0.004
DDJ14	JUNCTION	0.199	1.860	0	12:15	0.578	24.3	-0.201
J101	JUNCTION	0.119	0.651	0	12:05	0.597	4.2	0.026
J117	JUNCTION	0.148	0.665	0	12:01	0.572	2.99	-0.590
J14	JUNCTION	0.088	1.191	0	12:07	0.29	10.3	0.005
J152	JUNCTION	0.139	0.139	0	12:00	0.564	0.564	-0.015
J160	JUNCTION	0.296	0.296	0	12:00	1.31	1.31	-0.013
J17	JUNCTION	0.174	1.146	0	12:06	0.533	10	0.004
J2	JUNCTION	0.000	0.317	0	12:11	0	1.01	0.132
J24	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J253	JUNCTION	0.165	0.578	0	12:00	0.539	2.42	-0.002
J259	JUNCTION	0.174	0.778	0	12:02	0.612	3.62	0.498
J26	JUNCTION	0.006	0.160	0	12:00	0.0341	0.561	0.012
J274	JUNCTION	0.141	1.259	0	12:06	0.398	10.7	-0.004
J276	JUNCTION	0.081	0.667	0	12:00	0.215	6.2	-0.003
J28	JUNCTION	0.000	0.400	0	12:02	0	2.08	-0.004
J29	JUNCTION	0.016	0.409	0	12:00	0.0454	2.08	-0.011
J3	JUNCTION	0.116	0.116	0	12:00	0.478	0.478	0.001
J30	JUNCTION	0.226	0.405	0	12:00	1.29	2.03	-0.003
J31	JUNCTION	0.062	0.185	0	12:00	0.166	0.705	-0.016
J32	JUNCTION	0.021	0.130	0	12:00	0.0606	0.539	0.006
J33	JUNCTION	0.321	0.907	0	12:01	1.24	7.45	0.018
J34	JUNCTION	0.056	0.056	0	12:00	0.184	0.184	-0.014
J35	JUNCTION	0.144	0.929	0	12:03	0.64	8.08	0.053
J36	JUNCTION	0.000	0.186	0	12:16	0	1.59	0.007
J38	JUNCTION	0.000	0.025	0	20:53	0	3.25	0.033
J39	JUNCTION	0.054	1.547	0	12:00	0.158	4.67	0.226
J43	JUNCTION	0.295	1.059	0	12:06	1.43	9.51	-0.004
J46	JUNCTION	0.009	0.052	0	12:00	0.0239	0.171	-0.006
J47	JUNCTION	0.208	1.955	0	12:00	0.606	5.88	0.589
J48	JUNCTION	0.213	0.213	0	12:00	0.622	0.622	-0.063
J49	JUNCTION	0.107	0.107	0	12:00	0.303	0.303	-0.006
J5	JUNCTION	0.372	0.372	0	12:00	1.27	1.28	0.068
J50	JUNCTION	0.042	0.148	0	12:00	0.119	0.422	0.038
J51	JUNCTION	0.255	0.874	0	11:59	0.743	2.53	-0.026
J52	JUNCTION	0.165	0.165	0	12:00	0.47	0.47	-0.011
J53	JUNCTION	0.150	0.150	0	12:00	0.596	0.596	-0.117
J54	JUNCTION	0.036	0.201	0	12:00	0.102	0.572	0.004
J55	JUNCTION	0.272	0.472	0	12:00	0.791	1.36	-0.004
J56	JUNCTION	0.210	0.634	0	12:00	0.612	1.98	0.251
J58	JUNCTION	0.016	0.016	0	12:00	0.0458	0.0458	-0.018
J59	JUNCTION	0.010	0.026	0	12:00	0.0349	0.0807	-0.001
J60	JUNCTION	0.011	0.037	0	12:00	0.0387	0.119	-0.022
J61	JUNCTION	0.008	0.044	0	12:00	0.0274	0.147	0.028
J62	JUNCTION	0.022	0.076	0	12:00	0.0994	0.284	0.009
J63	JUNCTION	0.012	0.087	0	12:00	0.0355	0.319	-0.006
J64	JUNCTION	0.252	0.605	0	12:00	0.988	5.99	-0.011
J65	JUNCTION	0.033	0.115	0	12:01	0.117	0.436	-0.013
J66	JUNCTION	0.022	0.135	0	12:01	0.108	0.544	0.005
J67	JUNCTION	0.058	0.185	0	12:00	0.253	0.797	-0.013
J68	JUNCTION	0.085	0.258	0	12:00	0.381	1.18	-0.029
J69	JUNCTION	0.053	0.288	0	12:01	0.179	1.36	-0.017
J70	JUNCTION	0.000	0.165	0	12:00	0	0.47	0.001
J71	JUNCTION	0.104	0.155	0	12:00	0.357	0.527	0.005
J72	JUNCTION	0.000	0.213	0	12:00	0	0.62	0.355
J73	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J8	JUNCTION	0.125	1.342	0	12:04	0.529	11.3	0.006
J80	JUNCTION	0.073	0.387	0	12:13	0.367	5	0.012
J87	JUNCTION	0.000	0.107	0	12:00	0	0.303	-0.042
J88	JUNCTION	0.012	0.191	0	12:00	0.0326	0.737	-0.002
J89	JUNCTION	0.000	0.431	0	12:00	0	1.38	0.224
J9	JUNCTION	0.000	0.213	0	12:00	0	0.622	0.311
J90	JUNCTION	0.000	0.002	0	11:59	0	0.000224	2.791
J92	JUNCTION	0.076	0.350	0	12:27	0.436	4.63	0.039
J93	JUNCTION	0.000	0.085	0	12:01	0	0.319	0.010
J94	JUNCTION	0.279	0.436	0	12:00	0.813	1.37	-0.044
PDDJ01	JUNCTION	0.000	0.025	0	20:54	0	3.25	0.006
PDDJ02	JUNCTION	0.000	0.025	0	20:54	0	3.25	0.045

PDDJ03	JUNCTION	0.000	0.025	0	20:55	0	3.25	0.037
PDDJ04	JUNCTION	0.015	0.034	0	12:00	0.0349	3.28	0.090
PDDJ05	JUNCTION	0.033	0.066	0	12:00	0.0798	3.36	0.112
PDDJ06	JUNCTION	0.031	0.094	0	12:00	0.074	3.43	0.138
PDDJ07	JUNCTION	0.106	0.195	0	12:00	0.271	3.7	0.053
PDDJ08	JUNCTION	0.053	0.243	0	12:00	0.139	3.83	0.059
PDDJ09	JUNCTION	0.044	0.283	0	12:00	0.166	4	0.061
PDDJ10	JUNCTION	0.040	0.318	0	12:00	0.102	4.1	0.010
PDDJ11	JUNCTION	0.000	0.356	0	12:01	0	5.84	0.074
T009007	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T012001	JUNCTION	0.267	0.267	0	12:00	1.43	1.43	-0.622
T013002	JUNCTION	0.000	1.267	0	12:31	0	17	0.002
T013003	JUNCTION	0.000	1.267	0	12:30	0	17	0.015
T013006	JUNCTION	0.102	1.267	0	12:30	0.45	17	0.003
T013007	JUNCTION	0.234	1.229	0	12:29	1.11	16.5	0.019
T013012	JUNCTION	0.182	1.145	0	12:23	0.688	15.4	0.039
T013016	JUNCTION	0.375	0.759	0	12:16	1.65	10.7	0.039
T013019	JUNCTION	0.000	0.627	0	13:03	0	9.02	0.059
T013020	JUNCTION	0.000	0.627	0	13:03	0	9.03	0.062
T013021	JUNCTION	0.000	0.628	0	13:02	0	9.03	0.008
T013022	JUNCTION	0.000	0.628	0	13:01	0	9.03	0.020
T013023	JUNCTION	0.000	0.628	0	13:00	0	9.03	0.006
T013024	JUNCTION	0.270	0.629	0	12:57	1.05	9.03	0.042
T013025	JUNCTION	0.000	0.581	0	12:57	0	8	0.212
T013031	JUNCTION	0.292	0.583	0	12:53	1.13	7.99	-0.102
T013032	JUNCTION	0.230	0.590	0	12:30	0.801	6.91	0.635
T013033	JUNCTION	0.337	0.547	0	12:29	1.35	6.09	-0.337
T013037	JUNCTION	0.314	0.597	0	12:11	1.04	4.79	0.969
T013042	JUNCTION	0.166	0.407	0	12:02	0.663	2.51	1.350
T013044	JUNCTION	0.317	0.475	0	12:00	0.978	1.86	1.105
T013045	JUNCTION	0.244	0.244	0	12:00	0.885	0.885	0.394
T014001	JUNCTION	0.309	0.309	0	12:00	1.57	1.57	-0.030
T015001	JUNCTION	0.272	0.457	0	12:00	1.19	2.57	2.225
T015003	JUNCTION	0.358	0.358	0	12:00	1.33	1.33	-3.396
T016001	JUNCTION	0.000	0.279	0	12:02	0	1.27	-0.274
T016003	JUNCTION	0.287	0.287	0	12:00	1.26	1.26	-0.446
T043003	JUNCTION	0.000	1.267	0	12:30	0	17	0.007
OF-A	OUTFALL	0.000	0.229	0	12:18	0	1.27	0.000
OF-B	OUTFALL	0.000	0.817	0	14:33	0	25.5	0.000
OF-C	OUTFALL	0.000	0.299	0	12:21	0	5.82	0.000
OF-EX	OUTFALL	0.178	1.315	0	12:15	1.07	12.3	0.000
SU1	STORAGE	0.357	2.310	0	12:00	1.04	10.1	0.098

Node Surcharge Summary

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

Node	Type	Hours Surcharged	Max. Height	Min. Depth
			Above Crown Meters	Below Rim Meters
T009007	JUNCTION	48.00	0.000	0.000
SU1	STORAGE	9.48	0.027	0.425

Node Flooding Summary

No nodes were flooded.

Storage Volume Summary

Storage Unit	Average Volume 1000 m³	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m³	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CMS
SU1	7.079	64.6	0.0	0.0	8.647	78.9	0 20:54	0.025

Outfall Loading Summary

Flow	Avg	Max	Total

Outfall Node	Freq Pcnt	Flow CMS	Flow CMS	Volume 10^6 ltr
OF-A	74.46	0.013	0.229	1.269
OF-B	97.78	0.190	0.817	25.525
OF-C	98.10	0.039	0.299	5.822
OF-EX	99.95	0.092	1.315	12.326
System	92.57	0.334	2.236	44.942

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
AR02_HDPE450	CONDUIT	0.043	0 12:00	1.17	0.17	0.28
AR1_HDPE600	CONDUIT	0.186	0 12:16	1.41	0.34	0.58
C10	CONDUIT	0.133	0 12:00	0.37	0.06	0.26
C100	CHANNEL	1.191	0 12:07	1.04	0.11	0.38
C101	CHANNEL	1.259	0 12:06	1.05	0.06	0.46
C103	CHANNEL	1.192	0 12:17	0.84	0.81	0.82
C129	CONDUIT	0.037	0 12:00	0.22	0.04	0.28
C130	CONDUIT	0.075	0 12:00	0.51	0.00	0.09
C131	CONDUIT	1.955	0 12:00	1.62	0.11	0.85
C132_1	CONDUIT	0.085	0 12:01	0.35	0.00	0.09
C132_2	CONDUIT	0.085	0 12:01	0.33	0.03	0.17
C133	CONDUIT	0.115	0 12:01	0.55	0.03	0.16
C134	CONDUIT	0.134	0 12:02	0.54	0.04	0.22
C135	CONDUIT	0.182	0 12:02	0.38	0.05	0.31
C136	CONDUIT	0.246	0 12:02	0.31	0.13	0.43
C137	CONDUIT	0.281	0 12:03	0.41	1.01	0.43
C1450_1	CHANNEL	0.209	0 12:39	0.16	0.00	0.20
C20	CONDUIT	0.144	0 12:00	0.34	0.18	0.66
C25_3	CHANNEL	0.000	0 00:00	0.00	0.00	0.50
C26_1	CONDUIT	0.002	0 11:59	0.02	0.01	0.38
C26_2	CONDUIT	0.110	0 12:00	0.35	0.53	0.74
C26_5	CONDUIT	0.055	0 12:00	0.40	0.03	0.15
C30	CONDUIT	0.000	0 00:00	0.00	0.00	0.00
C30_3	CONDUIT	0.000	0 00:00	0.00	0.00	0.19
C36	CONDUIT	0.127	0 12:01	0.32	0.26	0.57
C45	CONDUIT	0.285	0 12:00	0.72	0.09	0.29
C46_1	CONDUIT	0.182	0 12:01	0.40	0.28	0.52
C46_2	CONDUIT	0.188	0 12:01	0.32	0.17	0.51
C47	CONDUIT	0.396	0 12:01	0.45	0.46	0.76
C50	CONDUIT	0.400	0 12:02	0.63	0.42	0.61
C57	CHANNEL	0.537	0 12:02	0.75	0.57	0.74
C60	CONDUIT	0.397	0 12:03	0.37	0.14	0.45
C70	CHANNEL	0.641	0 12:03	0.42	0.01	0.31
C72	CONDUIT	0.016	0 12:00	0.35	0.00	0.04
C75	CONDUIT	0.571	0 12:05	0.71	0.09	0.57
C80	CONDUIT	0.026	0 12:00	0.35	0.01	0.09
C81	CHANNEL	0.314	0 12:40	0.58	1.26	1.00
C86	CONDUIT	0.350	0 12:29	0.73	0.06	0.20
C87	CHANNEL	0.387	0 12:14	0.53	0.05	0.29
C89	CHANNEL	0.595	0 12:01	0.71	0.04	0.32
C91	CHANNEL	0.638	0 12:03	0.50	0.10	0.45
C93	CHANNEL	0.816	0 12:03	0.39	0.29	0.74
C95	CHANNEL	0.873	0 12:07	0.55	1.33	0.73
C96	CHANNEL	1.055	0 12:07	0.87	0.03	0.34
C99	CHANNEL	1.143	0 12:08	1.26	0.05	0.34
DDC01	CONDUIT	1.266	0 12:32	1.03	0.23	0.55
DDC02	CONDUIT	1.443	0 12:31	0.97	0.27	0.53
DDC03	CONDUIT	1.629	0 12:31	0.84	0.11	0.34
DDC04	CONDUIT	1.684	0 12:31	0.85	0.12	0.35
DDC05	CONDUIT	1.719	0 12:31	0.94	0.12	0.32
DDC06	CONDUIT	1.733	0 12:32	1.01	0.09	0.31
DDC07	CONDUIT	1.755	0 12:32	1.00	0.10	0.30
DDC08	CONDUIT	1.755	0 12:33	1.00	0.14	0.37
DDC09	CONDUIT	1.763	0 12:33	1.06	0.16	0.37
DDC10	CONDUIT	1.763	0 12:33	1.13	0.15	0.38
DDC11	CONDUIT	1.763	0 12:33	1.04	0.22	0.48
DDC12	CONDUIT	1.769	0 12:33	1.46	0.30	0.49
DDC13	CONDUIT	1.769	0 12:34	1.39	0.19	0.40
MDC01	CONDUIT	0.165	0 12:00	0.74	0.03	0.17
MDC02	CONDUIT	0.165	0 12:00	0.40	0.03	0.28
MDC03_HDPE600	CONDUIT	0.200	0 12:00	1.11	0.12	0.60
MDC04	CONDUIT	0.474	0 11:59	0.29	0.03	0.51
MDC05_HDPE900	CONDUIT	0.865	0 12:00	1.50	0.35	0.85
NDC01	CONDUIT	0.052	0 12:00	0.24	0.03	0.38

NDC02	CONDUIT	0.154	0	12:00	0.40	0.16	0.70
NDC03	CONDUIT	0.165	0	12:01	0.32	0.18	0.75
NDC04	CONDUIT	0.431	0	12:00	0.42	0.33	0.79
NDC05	CONDUIT	0.432	0	12:00	0.17	0.12	0.72
NDC06	CONDUIT	0.629	0	12:00	0.42	0.42	0.77
NDC07	CONDUIT	1.540	0	12:00	1.06	0.25	0.57
NDC08	CONDUIT	0.214	0	12:00	0.33	0.02	0.55
NDC09_HDPE600	CONDUIT	0.213	0	12:00	1.39	0.49	0.80
NDC10	CONDUIT	0.213	0	12:00	0.45	0.05	0.38
OFA_CC700	CONDUIT	0.229	0	12:18	1.34	0.27	0.46
OFB_CC700	CONDUIT	0.817	0	14:33	2.27	0.93	0.88
OFC_CC600	CONDUIT	0.299	0	12:21	1.26	0.91	0.78
PD_IS_HDPE300	CONDUIT	0.025	0	20:53	0.35	0.13	1.00
PDDC01	CONDUIT	0.025	0	20:54	0.31	0.04	0.23
PDDC02	CONDUIT	0.025	0	20:55	0.31	0.04	0.19
PDDC03	CONDUIT	0.025	0	20:56	0.32	0.01	0.13
PDDC04	CONDUIT	0.033	0	12:00	0.31	0.00	0.10
PDDC05	CONDUIT	0.063	0	12:00	0.32	0.01	0.13
PDDC06	CONDUIT	0.090	0	12:00	0.41	0.10	0.34
PDDC07	CONDUIT	0.191	0	12:00	0.70	0.12	0.44
PDDC08	CONDUIT	0.240	0	12:00	0.63	0.12	0.41
PDDC09	CONDUIT	0.281	0	12:01	0.87	0.14	0.37
PDDC10	CONDUIT	0.317	0	12:01	0.94	0.07	0.42
PUB_rd_DC01	CHANNEL	0.000	0	00:00	0.00	0.00	0.15
PUB_rd_DC02	CHANNEL	0.184	0	12:20	0.12	0.06	0.87
PUB_rd_DC03	CHANNEL	0.201	0	12:24	0.12	0.01	0.48
PUB_rd_DC04	CHANNEL	0.302	0	12:14	0.15	0.03	0.61
PUB_rd_DC05	CHANNEL	0.206	0	12:20	0.03	0.00	0.90
PUB_rd_DC06	CHANNEL	0.616	0	12:19	0.16	0.03	0.67
PUB_rd_DC07	CHANNEL	0.317	0	12:11	0.07	0.01	0.96
PUB_rd_DC08	CHANNEL	0.057	0	12:02	0.06	0.00	0.16
SDC01	CONDUIT	0.107	0	12:00	0.76	0.01	0.11
SDC02	CONDUIT	0.106	0	12:00	0.70	0.02	0.22
SDC03	CONDUIT	0.181	0	12:02	0.14	0.01	0.51
SMC14	CHANNEL	1.854	0	12:33	0.79	0.22	0.76
U012001	CHANNEL	0.256	0	12:00	0.17	0.00	0.31
U013002	CHANNEL	1.267	0	12:31	0.38	0.00	0.13
U013003	CHANNEL	1.267	0	12:31	0.50	0.00	0.12
U013004	CHANNEL	1.267	0	12:30	0.57	0.00	0.10
U013006_2	CHANNEL	1.267	0	12:30	0.76	0.00	0.09
U013007	CHANNEL	1.228	0	12:30	0.66	0.00	0.10
U013008	CHANNEL	1.131	0	12:31	16.15	0.00	0.10
U013015	CHANNEL	0.744	0	12:23	0.28	0.01	0.13
U013019	CHANNEL	0.627	0	13:04	0.07	0.00	0.13
U013020	CHANNEL	0.627	0	13:03	31.50	0.00	0.05
U013021	CHANNEL	0.627	0	13:03	0.45	0.00	0.04
U013022	CHANNEL	0.628	0	13:02	1.62	0.00	0.09
U013023	CHANNEL	0.628	0	13:01	0.66	0.01	0.21
U013024	CHANNEL	0.628	0	13:00	0.72	0.00	0.20
U013025	CHANNEL	0.580	0	13:00	3.22	0.00	0.08
U013026	CHANNEL	0.581	0	12:57	0.49	0.00	0.07
U013032	CHANNEL	0.527	0	12:56	0.28	0.00	0.08
U013033	CHANNEL	0.529	0	12:36	10.52	0.00	0.08
U013034	CHANNEL	0.432	0	12:35	6.87	0.00	0.06
U013038	CHANNEL	0.289	0	12:15	1.38	0.00	0.07
U013044	CHANNEL	0.284	0	12:05	0.09	0.00	0.08
U013045	CHANNEL	0.166	0	12:01	0.09	0.00	0.08
U014001	CHANNEL	0.302	0	12:00	5.31	0.00	0.09
U015002	CHANNEL	0.222	0	12:06	14.50	0.00	0.07
U016001	CHANNEL	0.176	0	12:11	6.57	0.00	0.06
U016002	CHANNEL	0.279	0	12:02	13.76	0.00	0.06
OR1	ORIFICE	0.025	0	20:54			1.00

Flow Classification Summary

Conduit	Adjusted /Actual Length	----- Fraction of Time in Flow Class -----								
		Up		Down	Sub	Sup	Up	Down	Norm	Inlet
		Dry	Dry	Dry	Crit	Crit	Crit	Crit	Ltd	Ctrl
AR02_HDPE450	1.00	0.00	0.00	0.00	0.44	0.56	0.00	0.00	0.00	0.01
AR1_HDPE600	1.00	0.00	0.00	0.00	0.30	0.70	0.00	0.00	0.00	0.04
C10	1.00	0.00	0.26	0.00	0.74	0.00	0.00	0.00	0.98	0.00
C100	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C101	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.96	0.00
C103	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C129	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	1.00	0.00
C130	1.00	0.00	0.15	0.00	0.85	0.00	0.00	0.00	0.99	0.00
C131	1.00	0.00	0.00	0.00	0.93	0.01	0.00	0.06	0.18	0.00
C132_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
C132_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00

C133	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.65	0.00
C134	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C135	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C136	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
C137	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.28	0.00
C1450_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
C20	1.00	0.00	0.30	0.00	0.70	0.00	0.00	0.00	0.97	0.00
C25_3	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C26_1	1.00	0.23	0.67	0.00	0.11	0.00	0.00	0.00	0.75	0.00
C26_2	1.00	0.06	0.17	0.00	0.77	0.00	0.00	0.00	0.88	0.00
C26_5	1.00	0.12	0.16	0.00	0.73	0.00	0.00	0.00	0.09	0.00
C30	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C30_3	1.00	0.04	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C36	1.00	0.00	0.06	0.00	0.94	0.00	0.00	0.00	1.00	0.00
C45	1.00	0.00	0.22	0.00	0.78	0.00	0.00	0.00	0.98	0.00
C46_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.69	0.00
C46_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C47	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
C50	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C57	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C60	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.92	0.00
C70	1.00	0.00	0.00	0.00	0.66	0.34	0.00	0.00	0.05	0.00
C72	1.00	0.11	0.21	0.00	0.68	0.00	0.00	0.00	0.67	0.00
C75	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.91	0.00
C80	1.00	0.01	0.11	0.00	0.88	0.00	0.00	0.00	0.98	0.00
C81	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.21	0.00
C86	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.89	0.00
C87	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C89	1.00	0.00	0.00	0.00	0.20	0.80	0.00	0.00	0.05	0.00
C91	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C93	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.78	0.00
C95	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.00
C96	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.98	0.00
C99	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.00	0.00
DDC01	1.00	0.01	0.06	0.00	0.93	0.00	0.00	0.00	0.93	0.00
DDC02	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.14	0.00
DDC03	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.59	0.00
DDC04	1.00	0.00	0.00	0.00	1.00	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	0.00	0.00
DDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
DDC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
DDC08	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
DDC09	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
DDC10	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
DDC11	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.97	0.00
DDC12	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.40	0.00
DDC13	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00
MDC01	1.00	0.00	0.06	0.00	0.94	0.00	0.00	0.00	0.89	0.00
MDC02	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
MDC03_HDPE600	1.00	0.00	0.00	0.00	0.45	0.55	0.00	0.00	0.00	0.71
MDC04	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
MDC05_HDPE900	1.00	0.00	0.00	0.00	0.95	0.05	0.00	0.00	0.00	0.96
NDC01	1.00	0.01	0.24	0.00	0.70	0.00	0.00	0.05	0.75	0.00
NDC02	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.69	0.00
NDC03	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.54	0.00
NDC04	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.18	0.00
NDC05	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.19	0.00
NDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.21	0.00
NDC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
NDC08	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.24	0.00
NDC09_HDPE600	1.00	0.00	0.00	0.00	0.76	0.24	0.00	0.00	0.00	0.03
NDC10	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
OFA_CC700	1.00	0.00	0.00	0.00	0.71	0.29	0.00	0.00	0.00	0.42
OFB_CC700	1.00	0.00	0.00	0.00	0.91	0.09	0.00	0.00	0.00	0.92
OFC_CC600	1.00	0.02	0.00	0.00	0.98	0.01	0.00	0.00	0.00	0.29
PD_IS_HDPE300	1.00	0.00	0.02	0.00	0.95	0.00	0.03	0.00	0.00	0.00
PDDC01	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.08	0.00
PDDC02	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
PDDC03	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.90	0.00
PDDC04	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
PDDC05	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
PDDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.00
PDDC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
PDDC08	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
PDDC09	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
PDDC10	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
PUB_rd_DC01	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC02	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.95	0.00
PUB_rd_DC03	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
PUB_rd_DC04	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.67	0.00
PUB_rd_DC05	1.00	0.00	0.26	0.00	0.74	0.00	0.00	0.00	0.58	0.00
PUB_rd_DC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC07	1.00	0.00	0.14	0.00	0.86	0.00	0.00	0.00	0.31	0.00
PUB_rd_DC08	1.00	0.00	0.57	0.00	0.43	0.00	0.00	0.00	0.75	0.00

SDC01	1.00	0.01	0.13	0.00	0.86	0.00	0.00	0.00	0.89	0.00
SDC02	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.00
SDC03	1.00	0.00	0.09	0.00	0.91	0.00	0.00	0.00	0.99	0.00
SMC14	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
U012001	1.00	0.00	0.21	0.00	0.79	0.00	0.00	0.00	0.98	0.00
U013002	1.00	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.33	0.00
U013003	1.00	0.05	0.00	0.00	0.92	0.03	0.00	0.00	0.30	0.00
U013004	1.00	0.01	0.00	0.00	0.98	0.02	0.00	0.00	0.91	0.00
U013006_2	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.94	0.00
U013007	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
U013008	1.00	0.00	0.00	0.00	0.72	0.28	0.00	0.00	0.45	0.00
U013015	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.00
U013019	1.00	0.00	0.11	0.00	0.89	0.00	0.00	0.00	0.89	0.00
U013020	1.00	0.08	0.00	0.00	0.26	0.66	0.00	0.00	0.01	0.00
U013021	1.00	0.08	0.00	0.00	0.92	0.00	0.00	0.00	0.89	0.00
U013022	1.00	0.05	0.00	0.00	0.56	0.39	0.00	0.00	0.01	0.00
U013023	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.88	0.00
U013024	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
U013025	1.00	0.00	0.04	0.00	0.93	0.03	0.00	0.00	0.49	0.00
U013026	1.00	0.00	0.00	0.00	0.93	0.07	0.00	0.00	0.84	0.00
U013032	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.12	0.00
U013033	1.00	0.00	0.00	0.00	0.82	0.18	0.00	0.00	0.73	0.00
U013034	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.30	0.00
U013038	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.17	0.00
U013044	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
U013045	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.00
U014001	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.26	0.00
U015002	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.93	0.00
U016001	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.81	0.00
U016002	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.78	0.00

Conduit Surcharge Summary

Conduit	Hours Full			Hours	
	Both Ends	Upstream	Dnstream	Above Full Normal Flow	Capacity Limited
C103	0.01	0.65	0.01	0.01	0.01
C131	0.01	0.01	9.47	0.01	0.01
C137	0.01	0.01	0.01	0.03	0.01
C20	0.01	0.01	1.67	0.01	0.01
C81	2.29	2.29	2.52	2.16	2.16
C95	0.01	0.01	0.01	0.59	0.01
OFB_CC700	0.01	7.03	0.01	0.01	0.01
PD_IS_HDPE300	37.16	37.16	47.25	0.01	0.01
PUB_rd_DC02	0.01	0.01	0.49	0.01	0.01
PUB_rd_DC05	0.01	0.01	6.17	0.01	0.01
SMC14	0.01	0.01	7.15	0.01	0.01

Analysis begun on: Thu Apr 23 13:44:16 2026
Analysis ended on: Thu Apr 23 13:44:22 2026
Total elapsed time: 00:00:06



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

Element Count

Number of rain gages 9
Number of subcatchments ... 128
Number of nodes 130
Number of links 126
Number of pollutants 0
Number of land uses 0

Raingage Summary

Name	Data Source	Data Type	Recording Interval
100y_103.5mm	100y_103.5mm	INTENSITY	15 min.
10y_72mm	10y_72mm	INTENSITY	15 min.
25y_84mm	25y_84mm	INTENSITY	15 min.
2y_48mm	2y_48mm	INTENSITY	15 min.
50y_93.6mm	50y_93.6mm	INTENSITY	15 min.
5y_62.4mm	5y_62.4mm	INTENSITY	15 min.
Chicago_4h	Chicago_4h	INTENSITY	10 min.
SCS_Type_II_124mm	SCS_Type_II_124mm	INTENSITY	15 min.
SCS_Type_II100y_12h_96mm	SCS_Type_II100y_12h_96mm	INTENSITY	6 min.

Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
G009005_1	2.74	112.89	7.00	7.6470	2y_48mm	J30
G009005_2	1.57	209.97	7.00	3.6030	2y_48mm	DDJ03
G012001	3.05	152.73	7.00	6.8600	2y_48mm	T012001
G013006	0.95	73.90	7.00	6.1650	2y_48mm	T013006
G013007	2.35	142.04	7.00	7.6700	2y_48mm	T013007
G013012	1.45	146.91	7.00	6.9010	2y_48mm	T013012
G013016_1	1.98	107.13	7.00	8.0160	2y_48mm	T013016
G013016_2	1.52	158.50	7.00	5.9960	2y_48mm	T013016
G013024	2.21	201.26	7.00	7.5560	2y_48mm	T013024
G013031	2.38	208.79	7.00	8.2850	2y_48mm	T013031
G013032	1.68	172.87	7.00	9.8170	2y_48mm	T013032
G013033	2.85	228.75	7.00	8.4690	2y_48mm	T013033
G013037	2.18	256.38	7.00	9.5500	2y_48mm	T013037
G013042	1.40	109.31	7.00	9.0870	2y_48mm	T013042
G013043	2.05	276.27	7.00	10.5660	2y_48mm	T013044
G013045	1.86	185.18	7.00	8.5760	2y_48mm	T013045
G014001	3.34	162.46	7.00	8.9080	2y_48mm	T014001
G015001_1	1.28	124.61	7.00	7.3730	2y_48mm	T015001
G015001_2	1.25	75.83	7.00	4.9920	2y_48mm	T015001
G015003_1	1.59	125.65	7.00	8.3540	2y_48mm	T015003
G015003_2	1.22	145.02	7.00	8.5290	2y_48mm	T015003
G016003_1	1.02	83.26	7.00	9.0730	2y_48mm	T016003
G016003_2	1.65	89.45	7.00	9.2440	2y_48mm	T016003
S1	0.42	140.90	7.00	2.0000	2y_48mm	DDJ06
S1_1	0.15	44.75	7.00	2.0000	2y_48mm	PDDJ09
S1_10	0.08	30.92	7.00	2.0000	2y_48mm	PDDJ08
S1_2	0.21	62.76	7.00	8.4310	2y_48mm	PDDJ10
S1_3	0.73	78.61	7.00	2.2500	2y_48mm	J68
S1_4	0.47	54.00	7.00	2.0000	2y_48mm	J67
S1_5	0.32	62.94	7.00	2.5000	2y_48mm	J69
S1_6	0.25	23.15	7.00	11.0340	2y_48mm	J65
S1_7	0.44	70.98	7.00	2.5000	2y_48mm	25025
S1_8	0.23	25.99	7.00	2.0000	2y_48mm	J66
S10	0.83	166.64	7.00	8.5600	2y_48mm	J274
S101_2	1.02	114.99	7.00	5.3410	2y_48mm	DDJ04
S102	0.87	76.43	7.00	9.2800	2y_48mm	DDJ05
S11	1.12	99.21	7.00	5.6280	2y_48mm	J8
S112	0.51	72.89	7.00	7.1560	2y_48mm	J253
S113	0.62	92.70	7.00	6.1840	2y_48mm	J253
S115_2	0.01	0.90	80.00	9.1880	2y_48mm	J30
S130	0.62	87.35	7.00	10.8400	2y_48mm	J160
S132	1.19	88.41	7.00	9.3970	2y_48mm	J152
S137	2.16	101.18	7.00	9.3820	2y_48mm	J160
S15_4	0.19	62.33	7.00	6.7670	2y_48mm	DDJ14
S16	0.61	65.66	7.00	11.2500	2y_48mm	J14

S18	0.54	86.45	7.00	8.2240	2y_48mm	J17
S19	0.58	83.01	7.00	9.3820	2y_48mm	J17
S2	0.42	139.80	7.00	2.0000	2y_48mm	DDJ04
S2_13	0.02	53.25	80.00	2.0000	2y_48mm	S2_16
S2_14	0.03	67.50	80.00	2.0000	2y_48mm	S2_16
S2_15	0.21	37.14	7.00	1.0000	2y_48mm	J62
S2_16	0.56	59.43	7.00	8.9160	2y_48mm	J71
S2_18	0.15	61.44	7.00	12.0000	2y_48mm	PDDJ06
S2_19	0.07	60.26	7.00	5.5370	2y_48mm	PDDJ04
S2_20	0.17	94.07	7.00	5.0310	2y_48mm	PDDJ05
S2_22	0.07	5.51	7.00	3.1210	2y_48mm	J26
S2_23	0.32	56.49	7.00	3.6000	2y_48mm	J34
S2_24	0.04	2.68	7.00	3.2280	2y_48mm	J60
S2_25	0.04	2.76	7.00	6.8230	2y_48mm	J59
S2_26	0.03	2.02	7.00	2.5570	2y_48mm	J61
S2_30	0.03	74.75	80.00	2.0000	2y_48mm	S2_16
S2_31	0.02	43.50	80.00	2.0000	2y_48mm	S2_16
S2_32	0.03	62.75	80.00	2.0000	2y_48mm	J46
S2_34	0.02	58.00	80.00	2.0000	2y_48mm	J60
S2_35	0.02	61.00	80.00	2.0000	2y_48mm	J58
S2_36	0.04	101.75	80.00	10.8580	2y_48mm	J68
S2_37	0.02	57.50	80.00	2.0000	2y_48mm	25025
S2_38	0.03	73.75	80.00	2.0000	2y_48mm	J69
S2_39	0.03	86.50	80.00	2.0000	2y_48mm	J67
S2_4	0.02	1.80	80.00	2.0000	2y_48mm	J58
S2_40	0.02	46.50	80.00	2.0000	2y_48mm	J59
S2_41	0.02	39.25	80.00	2.0000	2y_48mm	J61
S20_1	0.60	53.34	100.00	4.7900	2y_48mm	J56
S20_10	0.59	52.76	100.00	4.7900	2y_48mm	J47
S20_11	0.72	64.74	100.00	4.7900	2y_48mm	J51
S20_12	0.04	3.32	80.00	2.0000	2y_48mm	J63
S20_13	0.79	70.89	100.00	4.7900	2y_48mm	J94
S20_2	0.12	11.11	80.00	4.7900	2y_48mm	J50
S20_3	1.02	90.71	100.00	4.7900	2y_48mm	SU1
S20_6	0.11	9.56	80.00	4.7900	2y_48mm	J54
S20_7	0.15	13.75	100.00	4.7900	2y_48mm	J39
S20_8	0.77	68.93	100.00	4.7900	2y_48mm	J55
S20_9	0.61	54.20	100.00	4.7900	2y_48mm	J48
S22_4	0.03	6.99	80.00	4.0500	2y_48mm	J88
S22_5	0.05	9.73	80.00	4.0500	2y_48mm	J29
S23	2.50	130.11	7.00	6.3060	2y_48mm	J43
S25	1.22	88.61	7.00	7.0290	2y_48mm	J33
S29	0.54	76.64	7.00	6.0420	2y_48mm	J43
S3	1.32	84.06	7.00	4.7850	2y_48mm	OF-EX
S33	1.35	98.82	7.00	6.6690	2y_48mm	J35
S34	1.52	145.82	7.00	10.8830	2y_48mm	16130
S36	1.40	164.77	7.00	7.1970	2y_48mm	J33
S37_2	1.28	119.80	7.00	6.5590	2y_48mm	16017
S4	0.14	22.22	7.00	6.8700	2y_48mm	OF-EX
S44_3	0.66	108.33	7.00	5.0580	2y_48mm	DDJ14
S45	0.45	124.15	7.00	7.1480	2y_48mm	J276
S48_1	1.26	126.59	7.00	5.5230	2y_48mm	J53
S5	2.67	266.72	7.00	11.3200	2y_48mm	J5
S51	1.46	121.71	7.00	4.9010	2y_48mm	J64
S54	0.63	155.42	7.00	3.5050	2y_48mm	J64
S56_1	0.29	114.84	7.00	10.3720	2y_48mm	PDDJ07
S6	0.80	79.72	7.00	11.8730	2y_48mm	S3
S61	0.78	60.77	7.00	3.6030	2y_48mm	J80
S63_2	0.33	109.50	7.00	2.0000	2y_48mm	DDJ07
S63_3	0.39	128.43	7.00	4.7660	2y_48mm	DDJ07
S65	0.93	56.61	7.00	3.5920	2y_48mm	J92
S69	1.27	82.51	7.00	5.3450	2y_48mm	J101
S7	0.49	48.42	80.00	4.8080	2y_48mm	J52
S76_3	0.78	112.40	7.00	5.1360	2y_48mm	J259
S77	0.50	64.02	7.00	5.3700	2y_48mm	J259
S8	0.32	29.77	80.00	4.7290	2y_48mm	J49
S80_3	0.03	4.55	80.00	2.0000	2y_48mm	J34
S88_2	1.01	77.93	7.00	8.2360	2y_48mm	J3
S88_3	0.06	5.56	80.00	7.4640	2y_48mm	J32
S9_1	0.36	120.00	7.00	7.4830	2y_48mm	DDJ14
S9_10	0.03	74.00	80.00	2.0000	2y_48mm	S9_4
S9_2	0.20	65.77	7.00	2.0000	2y_48mm	DDJ12
S9_3	0.25	83.30	7.00	2.0000	2y_48mm	DDJ09
S9_4	0.15	51.47	7.00	12.1330	2y_48mm	PDDJ08
S9_5	0.28	54.53	7.00	10.0000	2y_48mm	PDDJ07
S9_6	0.25	20.08	7.00	8.9110	2y_48mm	25010
S9_7	0.14	45.27	7.00	0.2500	2y_48mm	PDDJ09
S9_8	0.03	78.00	80.00	2.0000	2y_48mm	S9_7
S9_9	0.04	91.25	80.00	2.0000	2y_48mm	S9_6
S90	0.53	59.02	7.00	4.3430	2y_48mm	J117
S91_1	0.05	5.23	80.00	5.3300	2y_48mm	J31
S91_2	0.24	56.73	7.00	10.1680	2y_48mm	J31
S92	0.67	57.07	7.00	10.2410	2y_48mm	J117

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
16017	JUNCTION	93.42	2.50	0.0	
16094	JUNCTION	92.18	1.82	0.0	
16130	JUNCTION	93.42	2.00	0.0	
25010	JUNCTION	94.40	3.00	0.0	
25025	JUNCTION	94.64	3.00	0.0	
26419	JUNCTION	94.00	1.22	0.0	
26456	JUNCTION	94.23	0.96	0.0	
26578	JUNCTION	95.36	3.00	0.0	
DDJ01	JUNCTION	100.38	3.00	0.0	
DDJ02	JUNCTION	100.03	0.94	0.0	
DDJ03	JUNCTION	99.92	1.34	0.0	
DDJ04	JUNCTION	99.69	1.35	0.0	
DDJ05	JUNCTION	99.38	1.63	0.0	
DDJ06	JUNCTION	99.22	1.78	0.0	
DDJ07	JUNCTION	98.38	1.36	0.0	
DDJ08	JUNCTION	98.02	1.41	0.0	
DDJ09	JUNCTION	97.85	1.13	0.0	
DDJ10	JUNCTION	97.69	1.08	0.0	
DDJ11	JUNCTION	97.46	1.01	0.0	
DDJ12	JUNCTION	97.28	0.94	0.0	
DDJ13	JUNCTION	97.04	0.83	0.0	
DDJ14	JUNCTION	96.27	2.31	0.0	
J101	JUNCTION	99.06	1.00	0.0	
J117	JUNCTION	100.45	1.00	0.0	
J14	JUNCTION	92.06	1.50	0.0	
J152	JUNCTION	102.59	1.00	0.0	
J160	JUNCTION	103.54	1.00	0.0	
J17	JUNCTION	92.73	1.50	0.0	
J2	JUNCTION	93.50	1.25	0.0	
J24	JUNCTION	96.89	0.30	0.0	
J253	JUNCTION	102.19	1.00	0.0	
J259	JUNCTION	99.32	1.00	0.0	
J26	JUNCTION	97.92	0.56	0.0	
J274	JUNCTION	91.38	1.00	0.0	
J276	JUNCTION	96.26	1.00	0.0	
J28	JUNCTION	100.32	0.69	0.0	
J29	JUNCTION	101.05	0.61	0.0	
J3	JUNCTION	102.30	0.44	0.0	
J30	JUNCTION	101.31	0.76	0.0	
J31	JUNCTION	101.81	0.74	0.0	
J32	JUNCTION	102.07	0.57	0.0	
J33	JUNCTION	94.89	1.00	0.0	
J34	JUNCTION	102.50	3.00	0.0	
J35	JUNCTION	94.77	1.00	0.0	
J36	JUNCTION	94.52	1.43	0.0	
J38	JUNCTION	96.70	1.90	0.0	
J39	JUNCTION	97.52	1.25	0.0	
J43	JUNCTION	94.81	1.00	0.0	
J46	JUNCTION	98.24	0.83	0.0	
J47	JUNCTION	97.20	1.26	0.0	
J48	JUNCTION	98.28	0.82	0.0	
J49	JUNCTION	101.00	1.00	0.0	
J5	JUNCTION	91.80	3.00	0.0	
J50	JUNCTION	98.83	1.17	0.0	
J51	JUNCTION	98.30	1.57	0.0	
J52	JUNCTION	100.00	1.00	0.0	
J53	JUNCTION	97.11	0.42	0.0	
J54	JUNCTION	99.09	1.26	0.0	
J55	JUNCTION	98.63	1.37	0.0	
J56	JUNCTION	97.60	0.94	0.0	
J58	JUNCTION	99.58	1.21	0.0	
J59	JUNCTION	99.10	1.11	0.0	
J60	JUNCTION	98.51	0.81	0.0	
J61	JUNCTION	98.31	0.78	0.0	
J62	JUNCTION	102.00	1.38	0.0	
J63	JUNCTION	99.60	3.85	0.0	
J64	JUNCTION	97.50	1.00	0.0	
J65	JUNCTION	99.15	1.13	0.0	
J66	JUNCTION	98.40	1.10	0.0	
J67	JUNCTION	96.00	2.00	0.0	
J68	JUNCTION	94.86	2.14	0.0	
J69	JUNCTION	94.64	2.36	0.0	
J70	JUNCTION	99.46	1.16	0.0	
J71	JUNCTION	98.00	0.47	0.0	
J72	JUNCTION	97.56	1.40	0.0	
J73	JUNCTION	99.79	1.00	0.0	
J8	JUNCTION	90.51	1.00	0.0	

J80	JUNCTION	98.08	1.00	0.0
J87	JUNCTION	99.98	1.07	0.0
J88	JUNCTION	101.60	0.85	0.0
J89	JUNCTION	97.65	0.85	0.0
J9	JUNCTION	97.63	1.37	0.0
J90	JUNCTION	102.50	0.30	0.0
J92	JUNCTION	98.28	1.00	0.0
J93	JUNCTION	99.20	1.97	0.0
J94	JUNCTION	97.82	0.66	0.0
PDDJ01	JUNCTION	96.67	0.49	0.0
PDDJ02	JUNCTION	96.64	0.69	0.0
PDDJ03	JUNCTION	96.61	0.99	0.0
PDDJ04	JUNCTION	96.52	1.84	0.0
PDDJ05	JUNCTION	96.30	2.90	0.0
PDDJ06	JUNCTION	96.18	2.87	0.0
PDDJ07	JUNCTION	96.05	0.68	0.0
PDDJ08	JUNCTION	95.50	0.87	0.0
PDDJ09	JUNCTION	95.29	1.05	0.0
PDDJ10	JUNCTION	95.15	1.22	0.0
PDDJ11	JUNCTION	94.30	0.97	0.0
T009007	JUNCTION	100.64	0.00	0.0
T012001	JUNCTION	101.00	0.81	0.0
T013002	JUNCTION	100.64	2.11	0.0
T013003	JUNCTION	100.81	1.83	0.0
T013006	JUNCTION	101.35	1.62	0.0
T013007	JUNCTION	101.66	1.78	0.0
T013012	JUNCTION	103.47	1.78	0.0
T013016	JUNCTION	103.45	1.78	0.0
T013019	JUNCTION	104.45	2.28	0.0
T013020	JUNCTION	104.78	2.80	0.0
T013021	JUNCTION	105.12	2.80	0.0
T013022	JUNCTION	105.45	1.81	0.0
T013023	JUNCTION	105.79	0.97	0.0
T013024	JUNCTION	106.12	1.96	0.0
T013025	JUNCTION	106.29	1.96	0.0
T013031	JUNCTION	107.32	1.76	0.0
T013032	JUNCTION	107.71	1.76	0.0
T013033	JUNCTION	108.26	1.76	0.0
T013037	JUNCTION	108.54	1.76	0.0
T013042	JUNCTION	108.52	1.76	0.0
T013044	JUNCTION	108.53	1.69	0.0
T013045	JUNCTION	108.54	1.69	0.0
T014001	JUNCTION	103.48	1.78	0.0
T015001	JUNCTION	104.54	1.35	0.0
T015003	JUNCTION	106.14	1.35	0.0
T016001	JUNCTION	108.62	1.76	0.0
T016003	JUNCTION	108.77	1.55	0.0
T043003	JUNCTION	101.17	1.83	0.0
OF-A	OUTFALL	91.50	0.70	0.0
OF-B	OUTFALL	93.23	0.70	0.0
OF-C	OUTFALL	94.15	0.60	0.0
OF-EX	OUTFALL	89.62	0.36	0.0
SU1	STORAGE	95.50	3.00	0.0

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
AR02_HDPE450	J61	J46	CONDUIT	15.0	0.4681	0.0100
AR1_HDPE600	25025	J36	CONDUIT	17.3	0.6747	0.0120
C10	J152	J253	CONDUIT	84.4	0.4739	0.0350
C100	J14	J274	CONDUIT	51.1	1.3304	0.0350
C101	J274	J8	CONDUIT	24.2	3.6035	0.0350
C103	J8	OF-EX	CONDUIT	143.4	0.6208	0.0350
C129	J60	J61	CONDUIT	36.5	0.5557	0.0350
C130	J62	J63	CONDUIT	31.7	7.6034	0.0680
C131	J47	SU1	CONDUIT	8.0	5.1568	0.0350
C132_1	J63	J93	CONDUIT	25.2	1.5869	0.0680
C132_2	J93	J65	CONDUIT	12.9	0.3881	0.0680
C133	J65	J66	CONDUIT	33.3	2.2498	0.0680
C134	J66	J67	CONDUIT	66.2	3.6274	0.0680
C135	J67	J68	CONDUIT	56.6	2.0177	0.0680
C136	J68	J69	CONDUIT	54.0	0.4059	0.0680
C137	J69	25025	CONDUIT	34.0	0.0088	0.0680
C1450_1	T015001	T013012	CONDUIT	198.3	0.5395	0.0350
C20	J53	DDJ14	CONDUIT	89.6	0.9375	0.0350
C25_3	J73	J259	CONDUIT	57.6	0.8094	0.0350
C26_1	J90	J3	CONDUIT	28.0	0.7217	0.0680
C26_2	J3	J32	CONDUIT	31.4	0.7197	0.0680
C26_5	J34	J62	CONDUIT	37.1	1.3490	0.0600
C30	J38	J24	CONDUIT	6.1	22.0074	0.0650
C30_3	J24	PDDJ02	CONDUIT	7.3	3.3678	0.0650

C36	J32	J31	CONDUIT	34.6	0.7581	0.0680
C45	J160	J253	CONDUIT	132.0	1.0225	0.0350
C46_1	J31	J88	CONDUIT	33.7	0.6313	0.0680
C46_2	J88	J30	CONDUIT	38.7	0.7461	0.0680
C47	J30	J29	CONDUIT	36.1	0.7142	0.0680
C50	J29	J28	CONDUIT	78.0	0.9316	0.0680
C57	J253	J117	CONDUIT	158.9	1.0950	0.0350
C60	J28	DDJ02	CONDUIT	26.0	1.1304	0.0680
C70	J117	J259	CONDUIT	111.5	1.0136	0.0350
C72	J58	J59	CONDUIT	25.5	1.8684	0.0350
C75	J259	J101	CONDUIT	45.7	0.5694	0.0350
C80	J59	J60	CONDUIT	28.5	2.0776	0.0350
C81	J101	J92	CONDUIT	79.2	0.9847	0.0350
C86	J92	J80	CONDUIT	38.0	0.5257	0.0350
C87	J80	J64	CONDUIT	60.7	0.9559	0.0350
C89	J64	J276	CONDUIT	56.3	2.2037	0.0350
C91	J276	J33	CONDUIT	154.1	0.8892	0.0350
C93	J33	J35	CONDUIT	44.1	0.2719	0.0350
C95	J35	J43	CONDUIT	103.2	-0.0388	0.0350
C96	J43	J17	CONDUIT	109.8	1.8944	0.0350
C99	J17	J14	CONDUIT	56.1	1.1939	0.0350
DDC01	DDJ01	DDJ02	CONDUIT	28.0	1.2461	0.0350
DDC02	DDJ02	DDJ03	CONDUIT	19.4	0.5767	0.0350
DDC03	DDJ03	DDJ04	CONDUIT	61.9	0.3717	0.0350
DDC04	DDJ04	DDJ05	CONDUIT	77.9	0.3903	0.0350
DDC05	DDJ05	DDJ06	CONDUIT	42.2	0.3837	0.0350
DDC06	DDJ06	DDJ07	CONDUIT	127.6	0.6625	0.0350
DDC07	DDJ07	DDJ08	CONDUIT	62.8	0.5602	0.0350
DDC08	DDJ08	DDJ09	CONDUIT	28.0	0.6074	0.0350
DDC09	DDJ09	DDJ10	CONDUIT	30.4	0.5425	0.0350
DDC10	DDJ10	DDJ11	CONDUIT	26.8	0.8441	0.0350
DDC11	DDJ11	DDJ12	CONDUIT	23.8	0.7828	0.0350
DDC12	DDJ12	DDJ13	CONDUIT	24.8	0.9636	0.0350
DDC13	DDJ13	DDJ14	CONDUIT	48.9	1.2055	0.0350
MDC01	J52	J70	CONDUIT	30.4	1.7706	0.0450
MDC02	J70	J54	CONDUIT	21.7	1.7065	0.0450
MDC03_HDPE600	J54	J55	CONDUIT	22.2	2.0628	0.0120
MDC04	J55	J51	CONDUIT	14.2	2.3445	0.0450
MDC05_HDPE900	J51	J39	CONDUIT	50.2	1.5543	0.0120
NDC01	J46	J71	CONDUIT	8.4	2.8347	0.0350
NDC02	J71	J26	CONDUIT	13.0	0.6634	0.0350
NDC03	J26	J94	CONDUIT	18.8	0.5118	0.0450
NDC04	J94	J89	CONDUIT	33.2	0.5153	0.0450
NDC05	J89	J56	CONDUIT	14.8	0.3371	0.0450
NDC06	J56	J39	CONDUIT	34.5	0.2319	0.0450
NDC07	J39	J47	CONDUIT	43.9	0.7216	0.0450
NDC08	J72	J47	CONDUIT	15.8	2.2581	0.0450
NDC09_HDPE600	J9	J72	CONDUIT	15.8	0.4239	0.0120
NDC10	J48	J9	CONDUIT	30.4	2.1489	0.0450
OFA_CC700	J5	OF-A	CONDUIT	24.5	1.2269	0.0160
OFB_CC700	16130	OF-B	CONDUIT	14.1	1.3571	0.0160
OFC_CC600	26456	OF-C	CONDUIT	18.5	0.4320	0.0160
PD_Is_HDPE300	SU1	J38	CONDUIT	10.0	-8.0358	0.0190
PDDC01	PDDJ01	PDDJ02	CONDUIT	6.2	0.4063	0.0350
PDDC02	PDDJ02	PDDJ03	CONDUIT	11.6	0.3108	0.0350
PDDC03	PDDJ03	PDDJ04	CONDUIT	23.5	0.3739	0.0350
PDDC04	PDDJ04	PDDJ05	CONDUIT	61.2	0.3610	0.0350
PDDC05	PDDJ05	PDDJ06	CONDUIT	40.2	0.2960	0.0350
PDDC06	PDDJ06	PDDJ07	CONDUIT	54.3	0.2411	0.0350
PDDC07	PDDJ07	PDDJ08	CONDUIT	38.4	1.4338	0.0350
PDDC08	PDDJ08	PDDJ09	CONDUIT	38.2	0.5552	0.0350
PDDC09	PDDJ09	PDDJ10	CONDUIT	25.3	0.5379	0.0350
PDDC10	PDDJ10	PDDJ11	CONDUIT	32.9	2.5936	0.0350
PUB_rd_DC01	26578	25025	CONDUIT	78.4	0.9229	0.0350
PUB_rd_DC02	J36	25010	CONDUIT	21.2	0.5671	0.0350
PUB_rd_DC03	25010	PDDJ11	CONDUIT	20.0	0.5005	0.0350
PUB_rd_DC04	PDDJ11	26456	CONDUIT	24.8	0.2823	0.0350
PUB_rd_DC05	26419	16017	CONDUIT	46.7	1.2295	0.0350
PUB_rd_DC06	16017	16130	CONDUIT	71.4	0.0056	0.0350
PUB_rd_DC07	J2	16130	CONDUIT	79.3	0.0996	0.0350
PUB_rd_DC08	16094	J5	CONDUIT	134.3	0.2800	0.0350
SDC01	J49	J87	CONDUIT	33.1	3.0879	0.0450
SDC02	J87	J50	CONDUIT	46.3	2.4850	0.0450
SDC03	J50	J51	CONDUIT	17.9	2.9541	0.0450
SMC14	DDJ14	16130	CONDUIT	259.5	1.0978	0.0350
U012001	T012001	DDJ03	CONDUIT	65.5	1.6540	0.0350
U013002	T013002	DDJ01	CONDUIT	33.8	0.7672	0.0350
U013003	T013003	T013002	CONDUIT	22.4	0.7941	0.0350
U013004	T043003	T013003	CONDUIT	43.7	0.8177	0.0350
U013006_2	T013006	T043003	CONDUIT	5.7	3.1238	0.0350
U013007	T013007	T013006	CONDUIT	36.6	0.8478	0.0350
U013008	T013012	T013007	CONDUIT	125.0	1.4481	0.0350
U013015	T013016	T013012	CONDUIT	57.1	-0.0350	0.0350
U013019	T013019	T013016	CONDUIT	28.3	3.5419	0.0350

U013020	T013020	T013019	CONDUIT	23.0	1.4552	0.0350
U013021	T013021	T013020	CONDUIT	23.2	1.4391	0.0350
U013022	T013022	T013021	CONDUIT	53.4	0.6253	0.0350
U013023	T013023	T013022	CONDUIT	42.9	0.7765	0.0350
U013024	T013024	T013023	CONDUIT	28.5	1.1722	0.0350
U013025	T013025	T013024	CONDUIT	94.1	0.1817	0.0350
U013026	T013031	T013025	CONDUIT	95.9	1.0726	0.0350
U013032	T013032	T013031	CONDUIT	140.8	0.2771	0.0350
U013033	T013033	T013032	CONDUIT	117.1	0.4695	0.0350
U013034	T013037	T013033	CONDUIT	154.0	0.1818	0.0350
U013038	T013042	T013037	CONDUIT	63.3	-0.0316	0.0350
U013044	T013044	T013042	CONDUIT	91.4	0.0109	0.0350
U013045	T013045	T013044	CONDUIT	49.4	0.0202	0.0350
U014001	T014001	T013012	CONDUIT	20.8	0.0482	0.0350
U015002	T015003	T015001	CONDUIT	278.1	0.5752	0.0350
U016001	T016001	T013037	CONDUIT	114.9	0.0670	0.0350
U016002	T016003	T016001	CONDUIT	52.3	0.2928	0.0350
OR1	J38	PDDJ01	ORIFICE			

Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
AR02_HDPE450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.25
AR1_HDPE600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.55
C10	TRAPEZOIDAL	0.60	1.92	0.41	4.40	1	2.08
C100	A100	0.71	6.52	0.35	18.54	1	10.64
C101	A101	0.84	7.08	0.37	18.97	1	19.75
C103	A103	0.36	2.17	0.16	13.16	1	1.47
C129	TRAPEZOIDAL	0.49	0.98	0.31	2.98	1	0.95
C130	TRAPEZOIDAL	1.38	5.19	0.72	6.52	1	16.96
C131	TRAPEZOIDAL	1.26	3.79	0.62	5.53	1	17.85
C132_1	TRAPEZOIDAL	1.97	9.71	0.99	8.87	1	17.87
C132_2	TRAPEZOIDAL	1.13	3.68	0.61	5.52	1	2.42
C133	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	4.43
C134	TRAPEZOIDAL	0.84	2.24	0.47	4.35	1	3.80
C135	TRAPEZOIDAL	0.97	2.85	0.53	4.88	1	3.92
C136	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	1.88
C137	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	0.28
C1450_1	T-C1450_1	0.72	48.96	0.45	109.00	1	60.06
C20	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1	0.82
C25_3	A25	0.16	0.78	0.08	9.50	1	0.38
C26_1	TRAPEZOIDAL	0.30	0.48	0.20	2.20	1	0.21
C26_2	TRAPEZOIDAL	0.30	0.48	0.20	2.20	1	0.21
C26_5	TRAPEZOIDAL	0.73	1.78	0.42	3.90	1	1.93
C30	RECT_OPEN	0.30	0.60	0.23	2.00	1	1.63
C30_3	TRAPEZOIDAL	0.30	0.87	0.22	3.80	1	0.90
C36	TRAPEZOIDAL	0.45	0.87	0.29	2.82	1	0.48
C45	TRAPEZOIDAL	0.60	1.92	0.41	4.40	1	3.06
C46_1	TRAPEZOIDAL	0.55	1.16	0.33	3.20	1	0.65
C46_2	TRAPEZOIDAL	0.69	1.63	0.40	3.74	1	1.12
C47	TRAPEZOIDAL	0.61	1.35	0.36	3.44	1	0.86
C50	TRAPEZOIDAL	0.60	1.32	0.36	3.40	1	0.95
C57	A57	0.25	1.13	0.15	7.56	1	0.94
C60	TRAPEZOIDAL	0.69	2.99	0.49	5.74	1	2.92
C70	A70	0.95	25.32	0.62	40.00	1	52.78
C72	TRAPEZOIDAL	0.99	2.93	0.54	4.94	1	7.61
C75	TRAPEZOIDAL	1.00	4.00	0.62	6.00	1	6.26
C80	TRAPEZOIDAL	0.72	1.75	0.42	3.88	1	4.02
C81	A81	0.13	0.54	0.07	8.04	1	0.25
C86	TRAPEZOIDAL	1.00	4.00	0.62	6.00	1	6.01
C87	A87	0.60	5.37	0.36	14.68	1	7.64
C89	A89	0.68	5.95	0.38	15.45	1	13.32
C91	A91	0.83	4.29	0.43	9.35	1	6.54
C93	A93	0.74	4.44	0.28	16.58	1	2.84
C95	A95	0.60	3.11	0.23	13.46	1	0.65
C96	A96	1.00	11.25	0.62	17.88	1	32.28
C99	A99	1.02	10.34	0.56	18.28	1	21.92
DDC01	TRAPEZOIDAL	0.70	2.89	0.45	6.22	1	5.41
DDC02	TRAPEZOIDAL	0.84	3.83	0.52	7.06	1	5.38
DDC03	TRAPEZOIDAL	1.34	9.37	0.82	11.02	1	14.29
DDC04	TRAPEZOIDAL	1.29	8.86	0.79	10.74	1	13.57
DDC05	TRAPEZOIDAL	1.32	9.21	0.81	10.93	1	14.17
DDC06	TRAPEZOIDAL	1.33	9.32	0.82	10.99	1	18.92
DDC07	TRAPEZOIDAL	1.36	9.67	0.83	11.18	1	18.30
DDC08	TRAPEZOIDAL	1.13	7.21	0.71	9.77	1	12.79
DDC09	TRAPEZOIDAL	1.08	6.76	0.69	9.49	1	11.07
DDC10	TRAPEZOIDAL	0.99	5.88	0.64	8.92	1	11.43
DDC11	TRAPEZOIDAL	0.84	4.60	0.56	8.02	1	7.87
DDC12	TRAPEZOIDAL	0.79	3.43	0.49	6.72	1	5.98
DDC13	TRAPEZOIDAL	0.81	4.39	0.54	7.85	1	9.15

MDC01	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	5.94
MDC02	TRAPEZOIDAL	0.98	2.90	0.54	4.92	1	5.56
MDC03_HDPE600	CIRCULAR	0.75	0.44	0.19	0.75	1	1.73
MDC04	TRAPEZOIDAL	1.37	6.46	0.80	7.46	1	18.91
MDC05_HDPE900	CIRCULAR	0.90	0.64	0.23	0.90	1	2.45
NDC01	TRAPEZOIDAL	0.47	0.92	0.29	2.89	1	1.96
NDC02	TRAPEZOIDAL	0.47	0.92	0.29	2.89	1	0.95
NDC03	TRAPEZOIDAL	0.56	1.17	0.34	3.22	1	0.90
NDC04	TRAPEZOIDAL	0.66	1.55	0.39	3.66	1	1.32
NDC05	TRAPEZOIDAL	0.85	3.99	0.59	6.40	1	3.62
NDC06	TRAPEZOIDAL	0.85	2.30	0.48	4.40	1	1.51
NDC07	TRAPEZOIDAL	1.25	4.35	0.66	5.98	1	6.23
NDC08	TRAPEZOIDAL	1.26	4.42	0.67	6.03	1	11.26
NDC09_HDPE600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.43
NDC10	TRAPEZOIDAL	0.82	2.17	0.46	4.28	1	4.24
OFA_CC700	CIRCULAR	0.70	0.38	0.17	0.70	1	0.83
OFB_CC700	CIRCULAR	0.70	0.38	0.17	0.70	1	0.88
OFC_CC600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.33
PD_IS_HDPE300	CIRCULAR	0.30	0.07	0.07	0.30	1	0.19
PDDC01	TRAPEZOIDAL	0.49	0.73	0.27	2.46	1	0.55
PDDC02	TRAPEZOIDAL	0.57	0.93	0.31	2.78	1	0.68
PDDC03	TRAPEZOIDAL	0.86	1.90	0.44	3.93	1	1.92
PDDC04	TRAPEZOIDAL	1.62	6.07	0.78	6.98	1	8.85
PDDC05	TRAPEZOIDAL	1.61	6.00	0.78	6.94	1	7.89
PDDC06	TRAPEZOIDAL	0.68	1.27	0.36	3.23	1	0.90
PDDC07	TRAPEZOIDAL	0.60	1.02	0.32	2.90	1	1.63
PDDC08	TRAPEZOIDAL	0.80	1.68	0.41	3.70	1	1.98
PDDC09	TRAPEZOIDAL	0.80	1.68	0.41	3.70	1	1.95
PDDC10	TRAPEZOIDAL	0.80	1.68	0.41	3.70	1	4.28
PUB_rd_DC01	T-C61	1.40	31.09	1.06	28.33	1	88.90
PUB_rd_DC02	T-C71	0.39	4.46	0.17	26.00	1	2.95
PUB_rd_DC03	T-C74	0.96	12.73	0.52	24.00	1	16.72
PUB_rd_DC04	T-C76	0.89	9.82	0.54	18.00	1	9.88
PUB_rd_DC05	T-C84	0.77	30.99	0.57	54.00	1	67.19
PUB_rd_DC06	T-C97	1.77	85.87	0.94	89.98	1	17.67
PUB_rd_DC07	T-C1	1.19	26.94	0.97	27.26	1	23.83
PUB_rd_DC08	T-C8	1.38	56.32	0.90	62.00	1	79.31
SDC01	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	7.85
SDC02	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	7.04
SDC03	TRAPEZOIDAL	1.17	5.08	0.70	6.68	1	15.32
SMC14	T-SMC14	0.69	5.14	0.41	12.33	1	8.50
U012001	T-U012001	0.81	26.73	0.39	68.28	1	52.42
U013002	321	2.11	236.17	1.27	184.00	1	694.43
U013003	320	1.62	149.95	0.78	199.32	1	322.26
U013004	319	1.83	119.20	0.94	126.00	1	295.49
U013006_2	320	1.62	149.95	0.78	199.32	1	639.17
U013007	320	1.62	149.95	0.78	199.32	1	332.98
U013008	311	1.78	234.40	1.06	220.01	1	836.66
U013015	304	1.78	234.40	1.06	220.01	1	130.08
U013019	301	1.35	173.02	0.99	173.00	1	925.47
U013020	300	2.28	281.58	1.39	200.35	1	1207.68
U013021	299	2.80	352.47	1.56	223.17	1	1627.10
U013022	297	1.81	249.24	1.08	228.85	1	592.24
U013023	295	0.97	74.28	0.49	151.00	1	116.20
U013024	295	0.97	74.28	0.49	151.00	1	142.76
U013025	288	1.96	244.18	1.27	191.00	1	348.79
U013026	287	1.76	182.44	1.04	174.00	1	554.91
U013032	287	1.76	182.44	1.04	174.00	1	282.04
U013033	257	1.76	197.17	1.53	129.00	1	512.48
U013034	257	1.76	197.17	1.53	129.00	1	318.92
U013038	257	1.76	197.17	1.53	129.00	1	132.94
U013044	248	1.69	187.98	1.05	177.16	1	58.19
U013045	248	1.69	187.98	1.05	177.16	1	79.15
U014001	304	1.78	234.40	1.06	220.01	1	152.58
U015002	293	1.35	173.02	0.99	173.00	1	372.97
U016001	257	1.76	197.17	1.53	129.00	1	193.61
U016002	261	1.55	116.51	1.32	87.00	1	216.45

Transect Summary

Transect 248
Area:

0.0012	0.0050	0.0106	0.0178	0.0259
0.0340	0.0429	0.0542	0.0667	0.0796
0.0931	0.1071	0.1213	0.1358	0.1505
0.1653	0.1805	0.1959	0.2117	0.2280
0.2450	0.2628	0.2814	0.3011	0.3217
0.3427	0.3643	0.3862	0.4085	0.4313
0.4544	0.4779	0.5019	0.5264	0.5514
0.5777	0.6051	0.6334	0.6623	0.6915
0.7212	0.7514	0.7817	0.8122	0.8430

Hrad:	0.8740	0.9053	0.9367	0.9683	1.0000
	0.0147	0.0360	0.0555	0.0720	0.1021
	0.1321	0.1589	0.1781	0.1982	0.2216
	0.2454	0.2692	0.2933	0.3185	0.3437
	0.3688	0.3925	0.4125	0.4361	0.4582
	0.4791	0.4996	0.5155	0.5068	0.5203
	0.5389	0.5419	0.5629	0.5886	0.6148
	0.6408	0.6633	0.6801	0.7022	0.7193
	0.7297	0.7480	0.7373	0.7611	0.7846
	0.7929	0.8217	0.8502	0.8783	0.9060
	0.9332	0.9215	0.9501	0.9783	1.0000
Width:	0.0896	0.1428	0.2058	0.2484	0.2537
	0.2600	0.3086	0.3782	0.4019	0.4134
	0.4288	0.4432	0.4496	0.4564	0.4630
	0.4698	0.4780	0.4903	0.4994	0.5213
	0.5446	0.5717	0.5967	0.6361	0.6522
	0.6688	0.6790	0.6951	0.7034	0.7191
	0.7301	0.7426	0.7603	0.7731	0.8026
	0.8412	0.8758	0.8973	0.9097	0.9217
	0.9413	0.9473	0.9533	0.9597	0.9668
	0.9755	0.9824	0.9859	0.9897	1.0000
Transect 257					
Area:					
	0.0009	0.0043	0.0155	0.0326	0.0513
	0.0705	0.0900	0.1096	0.1293	0.1491
	0.1689	0.1889	0.2089	0.2290	0.2493
	0.2695	0.2899	0.3103	0.3308	0.3515
	0.3722	0.3930	0.4139	0.4349	0.4559
	0.4771	0.4983	0.5195	0.5408	0.5622
	0.5836	0.6050	0.6265	0.6481	0.6696
	0.6913	0.7129	0.7346	0.7564	0.7782
	0.8000	0.8219	0.8439	0.8659	0.8880
	0.9101	0.9323	0.9546	0.9772	1.0000
Hrad:	0.0127	0.0220	0.0268	0.0418	0.0625
	0.0832	0.1057	0.1281	0.1504	0.1726
	0.1947	0.2166	0.2384	0.2604	0.2824
	0.3042	0.3258	0.3473	0.3687	0.3899
	0.4110	0.4319	0.4528	0.4740	0.4951
	0.5162	0.5378	0.5594	0.5809	0.6024
	0.6239	0.6453	0.6669	0.6884	0.7098
	0.7312	0.7526	0.7739	0.7952	0.8162
	0.8371	0.8578	0.8785	0.8991	0.9196
	0.9389	0.9582	0.9758	0.9856	1.0000
Width:	0.0755	0.2466	0.6479	0.7914	0.8230
	0.8434	0.8478	0.8515	0.8552	0.8589
	0.8629	0.8673	0.8717	0.8749	0.8776
	0.8811	0.8847	0.8883	0.8922	0.8961
	0.9002	0.9045	0.9086	0.9119	0.9153
	0.9186	0.9207	0.9228	0.9250	0.9271
	0.9293	0.9313	0.9332	0.9351	0.9369
	0.9388	0.9406	0.9425	0.9443	0.9465
	0.9487	0.9511	0.9534	0.9558	0.9583
	0.9619	0.9656	0.9708	0.9839	1.0000
Transect 261					
Area:					
	0.0008	0.0049	0.0157	0.0315	0.0488
	0.0664	0.0840	0.1018	0.1196	0.1376
	0.1558	0.1743	0.1935	0.2136	0.2338
	0.2541	0.2745	0.2950	0.3157	0.3366
	0.3578	0.3791	0.4005	0.4221	0.4436
	0.4652	0.4869	0.5086	0.5303	0.5521
	0.5739	0.5958	0.6178	0.6398	0.6619
	0.6840	0.7062	0.7284	0.7507	0.7731
	0.7955	0.8179	0.8404	0.8630	0.8857
	0.9084	0.9311	0.9540	0.9769	1.0000
Hrad:	0.0094	0.0196	0.0284	0.0442	0.0654
	0.0881	0.1110	0.1338	0.1564	0.1789
	0.2007	0.2219	0.2336	0.2478	0.2699
	0.2919	0.3136	0.3352	0.3555	0.3749
	0.3926	0.4141	0.4355	0.4573	0.4795
	0.5017	0.5238	0.5458	0.5678	0.5896
	0.6110	0.6322	0.6534	0.6745	0.6959
	0.7172	0.7385	0.7597	0.7809	0.8018
	0.8225	0.8432	0.8638	0.8843	0.9045
	0.9247	0.9447	0.9641	0.9821	1.0000
Width:					
	0.1045	0.3072	0.6073	0.7380	0.7556

	0.7620	0.7661	0.7701	0.7741	0.7816
	0.7945	0.8097	0.8553	0.8719	0.8762
	0.8805	0.8852	0.8902	0.8979	0.9077
	0.9213	0.9251	0.9289	0.9319	0.9337
	0.9356	0.9374	0.9392	0.9411	0.9431
	0.9458	0.9486	0.9513	0.9540	0.9562
	0.9584	0.9606	0.9628	0.9650	0.9675
	0.9701	0.9727	0.9752	0.9779	0.9808
	0.9837	0.9866	0.9901	0.9951	1.0000

Transect 287

Area:	0.0007	0.0025	0.0050	0.0094	0.0150
	0.0223	0.0312	0.0412	0.0518	0.0631
	0.0748	0.0868	0.0993	0.1126	0.1265
	0.1407	0.1560	0.1732	0.1910	0.2097
	0.2296	0.2501	0.2709	0.2923	0.3143
	0.3369	0.3597	0.3827	0.4060	0.4294
	0.4533	0.4776	0.5023	0.5272	0.5524
	0.5781	0.6048	0.6325	0.6611	0.6903
	0.7198	0.7496	0.7796	0.8100	0.8406
	0.8715	0.9028	0.9344	0.9669	1.0000

Hrad:	0.0174	0.0403	0.0624	0.0700	0.0863
	0.1043	0.1231	0.1412	0.1615	0.1871
	0.2153	0.2428	0.2691	0.2752	0.3036
	0.3286	0.3363	0.3340	0.3621	0.3777
	0.3923	0.4087	0.4310	0.4572	0.4820
	0.4972	0.5269	0.5566	0.5871	0.6174
	0.6471	0.6655	0.6946	0.7232	0.7508
	0.7776	0.8016	0.7850	0.7803	0.8050
	0.8333	0.8613	0.8893	0.8900	0.9189
	0.9497	0.9802	0.9925	0.9932	1.0000

Width:	0.0388	0.0622	0.1001	0.1472	0.1932
	0.2439	0.2840	0.3062	0.3277	0.3432
	0.3525	0.3629	0.3840	0.4107	0.4181
	0.4292	0.4928	0.5252	0.5392	0.5788
	0.6051	0.6133	0.6294	0.6481	0.6639
	0.6780	0.6829	0.6894	0.6960	0.7026
	0.7203	0.7310	0.7387	0.7463	0.7564
	0.7833	0.8082	0.8416	0.8655	0.8768
	0.8839	0.8911	0.9005	0.9100	0.9179
	0.9267	0.9355	0.9539	0.9783	1.0000

Transect 288

Area:	0.0010	0.0041	0.0080	0.0120	0.0166
	0.0221	0.0281	0.0356	0.0450	0.0559
	0.0679	0.0809	0.0946	0.1096	0.1256
	0.1424	0.1601	0.1785	0.1973	0.2166
	0.2362	0.2562	0.2767	0.2976	0.3190
	0.3408	0.3630	0.3854	0.4081	0.4313
	0.4551	0.4794	0.5046	0.5303	0.5570
	0.5842	0.6121	0.6408	0.6699	0.6991
	0.7284	0.7581	0.7882	0.8183	0.8485
	0.8787	0.9089	0.9392	0.9695	1.0000

Hrad:	0.0152	0.0357	0.0624	0.0906	0.1150
	0.1343	0.1474	0.1574	0.1727	0.1854
	0.1964	0.2125	0.2323	0.2523	0.2716
	0.2912	0.3094	0.3223	0.3397	0.3603
	0.3816	0.4027	0.4234	0.4433	0.4642
	0.4773	0.5019	0.5261	0.5490	0.5716
	0.5843	0.6050	0.6063	0.6281	0.6415
	0.6642	0.6855	0.7086	0.7021	0.7300
	0.7578	0.7764	0.8003	0.8300	0.8597
	0.8893	0.9189	0.9476	0.9756	1.0000

Width:	0.0712	0.1182	0.1278	0.1435	0.1608
	0.1880	0.2146	0.2825	0.3407	0.3743
	0.4091	0.4352	0.4718	0.5087	0.5359
	0.5661	0.5886	0.6099	0.6231	0.6356
	0.6484	0.6618	0.6765	0.6914	0.7048
	0.7199	0.7286	0.7376	0.7480	0.7684
	0.7854	0.8099	0.8356	0.8533	0.8810
	0.8972	0.9292	0.9437	0.9542	0.9578
	0.9614	0.9781	0.9849	0.9860	0.9870
	0.9881	0.9891	0.9911	0.9938	1.0000

Transect 293

Area:	0.0002	0.0017	0.0076	0.0180	0.0315
	0.0464	0.0618	0.0777	0.0941	0.1106

Hrad:	0.1274	0.1444	0.1616	0.1788	0.1961
	0.2134	0.2308	0.2482	0.2657	0.2835
	0.3019	0.3211	0.3410	0.3615	0.3822
	0.4035	0.4256	0.4481	0.4709	0.4941
	0.5176	0.5414	0.5655	0.5897	0.6140
	0.6384	0.6629	0.6876	0.7125	0.7379
	0.7633	0.7888	0.8144	0.8401	0.8661
	0.8925	0.9193	0.9461	0.9730	1.0000
	0.0122	0.0174	0.0286	0.0426	0.0596
	0.0841	0.1083	0.1314	0.1552	0.1800
Width:	0.2047	0.2290	0.2554	0.2816	0.3078
	0.3339	0.3599	0.3859	0.4116	0.4365
	0.4603	0.4522	0.4721	0.4782	0.4958
	0.5115	0.5194	0.5446	0.5692	0.5932
	0.5929	0.6124	0.6356	0.6601	0.6832
	0.7072	0.7314	0.7553	0.7635	0.7873
	0.8113	0.8358	0.8602	0.8838	0.9065
	0.9044	0.9287	0.9532	0.9771	1.0000
	0.0201	0.1337	0.2971	0.4551	0.5431
	0.5612	0.5780	0.5961	0.6082	0.6168
Transect 295 Area:	0.6247	0.6328	0.6349	0.6370	0.6391
	0.6411	0.6430	0.6450	0.6525	0.6634
	0.6964	0.7225	0.7489	0.7581	0.7730
	0.8025	0.8218	0.8377	0.8487	0.8649
	0.8755	0.8866	0.8920	0.8954	0.9007
	0.9046	0.9081	0.9118	0.9347	0.9386
	0.9420	0.9449	0.9477	0.9514	0.9687
	0.9875	0.9903	0.9928	0.9960	1.0000
	0.0003	0.0010	0.0019	0.0030	0.0042
	0.0056	0.0069	0.0084	0.0100	0.0117
Hrad:	0.0135	0.0155	0.0190	0.0252	0.0351
	0.0484	0.0646	0.0820	0.1003	0.1191
	0.1385	0.1583	0.1787	0.1995	0.2207
	0.2424	0.2646	0.2869	0.3101	0.3335
	0.3572	0.3810	0.4053	0.4311	0.4591
	0.4887	0.5195	0.5513	0.5851	0.6198
	0.6554	0.6919	0.7293	0.7673	0.8055
	0.8439	0.8826	0.9215	0.9606	1.0000
	0.0211	0.0474	0.0750	0.1022	0.1327
	0.1618	0.1896	0.2165	0.2421	0.2666
Width:	0.2906	0.3103	0.3012	0.2603	0.2014
	0.1965	0.2057	0.2230	0.2483	0.2749
	0.3032	0.3311	0.3443	0.3772	0.4068
	0.4361	0.4694	0.5028	0.5239	0.5590
	0.5943	0.6263	0.6511	0.6805	0.6970
	0.7239	0.7510	0.7757	0.7070	0.7411
	0.7726	0.8025	0.7645	0.7946	0.8302
	0.8655	0.8985	0.9321	0.9655	1.0000
	0.0138	0.0211	0.0257	0.0296	0.0319
	0.0343	0.0366	0.0389	0.0413	0.0438
Transect 297 Area:	0.0463	0.0592	0.1186	0.1969	0.3025
	0.3850	0.4315	0.4577	0.4699	0.4830
	0.4954	0.5102	0.5230	0.5313	0.5434
	0.5560	0.5635	0.5706	0.5917	0.5966
	0.6009	0.6083	0.6272	0.6747	0.7351
	0.7626	0.7934	0.8281	0.8739	0.8887
	0.9079	0.9393	0.9541	0.9657	0.9703
	0.9751	0.9822	0.9885	0.9949	1.0000
	0.0003	0.0012	0.0025	0.0040	0.0056
	0.0084	0.0120	0.0159	0.0200	0.0249
Hrad:	0.0313	0.0386	0.0469	0.0565	0.0668
	0.0778	0.0900	0.1032	0.1195	0.1387
	0.1595	0.1808	0.2027	0.2253	0.2481
	0.2714	0.2950	0.3189	0.3435	0.3692
	0.3961	0.4243	0.4536	0.4832	0.5135
	0.5445	0.5759	0.6077	0.6400	0.6723
	0.7046	0.7371	0.7697	0.8025	0.8353
	0.8682	0.9010	0.9340	0.9670	1.0000
	0.0210	0.0338	0.0615	0.0872	0.1125
	0.0821	0.1107	0.1387	0.1656	0.1848
	0.1868	0.2053	0.2169	0.2088	0.2319
	0.2502	0.2638	0.2868	0.3016	0.3125
	0.3199	0.3376	0.3557	0.3394	0.3683

Width:	0.3942	0.4227	0.4496	0.4683	0.4932
	0.5153	0.5361	0.5195	0.5481	0.5728
	0.5993	0.6271	0.6498	0.6594	0.6909
	0.7226	0.7542	0.7812	0.8128	0.8449
	0.8770	0.9091	0.9407	0.9721	1.0000
	0.0130	0.0367	0.0414	0.0458	0.0582
	0.1068	0.1141	0.1201	0.1271	0.1706
	0.2122	0.2290	0.2743	0.3010	0.3178
	0.3550	0.3772	0.4301	0.5442	0.6067
	0.6343	0.6511	0.6704	0.6844	0.6929
Hrad:	0.7066	0.7157	0.7272	0.7583	0.7983
	0.8248	0.8727	0.8866	0.9028	0.9286
	0.9365	0.9548	0.9672	0.9722	0.9745
	0.9765	0.9784	0.9865	0.9883	0.9894
	0.9905	0.9916	0.9931	0.9948	1.0000
Transect 299					
Area:					
Hrad:	0.0012	0.0034	0.0066	0.0105	0.0152
	0.0213	0.0281	0.0355	0.0439	0.0533
	0.0647	0.0768	0.0897	0.1033	0.1182
	0.1342	0.1506	0.1678	0.1853	0.2031
	0.2211	0.2392	0.2578	0.2769	0.2961
	0.3155	0.3352	0.3552	0.3764	0.3984
	0.4209	0.4439	0.4675	0.4916	0.5163
	0.5415	0.5678	0.5961	0.6271	0.6596
	0.6925	0.7257	0.7592	0.7930	0.8271
	0.8615	0.8959	0.9304	0.9650	1.0000
Width:	0.0242	0.0503	0.0648	0.0936	0.1047
	0.1163	0.1443	0.1697	0.1867	0.1934
	0.1940	0.2191	0.2371	0.2672	0.2672
	0.2946	0.3210	0.3428	0.3737	0.4051
	0.4362	0.4670	0.4970	0.5137	0.5459
	0.5756	0.6023	0.6299	0.6304	0.6575
	0.6840	0.7094	0.7310	0.7536	0.7783
	0.8023	0.8189	0.8270	0.7493	0.7678
	0.7962	0.8250	0.8540	0.8295	0.8543
	0.8870	0.9207	0.9545	0.9882	1.0000
Width:	0.0555	0.0731	0.1023	0.1203	0.1465
	0.1846	0.2006	0.2183	0.2488	0.2908
	0.3354	0.3527	0.3805	0.3890	0.4448
	0.4581	0.4719	0.4924	0.4989	0.5043
	0.5097	0.5160	0.5317	0.5420	0.5455
	0.5512	0.5597	0.5715	0.6152	0.6280
	0.6421	0.6562	0.6732	0.6900	0.7031
	0.7240	0.7646	0.8355	0.9069	0.9248
	0.9340	0.9416	0.9482	0.9573	0.9693
	0.9721	0.9737	0.9752	0.9787	1.0000
Transect 300					
Area:					
Hrad:	0.0002	0.0016	0.0049	0.0095	0.0159
	0.0235	0.0316	0.0402	0.0492	0.0594
	0.0709	0.0849	0.0998	0.1151	0.1306
	0.1464	0.1626	0.1791	0.1963	0.2145
	0.2332	0.2525	0.2725	0.2931	0.3149
	0.3386	0.3632	0.3885	0.4140	0.4399
	0.4661	0.4924	0.5190	0.5456	0.5723
	0.5991	0.6260	0.6532	0.6806	0.7081
	0.7357	0.7633	0.7912	0.8195	0.8480
	0.8769	0.9065	0.9369	0.9680	1.0000
Width:	0.0147	0.0234	0.0418	0.0632	0.0735
	0.0960	0.1250	0.1494	0.1752	0.1952
	0.2107	0.2035	0.2149	0.2444	0.2731
	0.2992	0.3241	0.3521	0.3706	0.3960
	0.4204	0.4450	0.4580	0.4832	0.5058
	0.5265	0.5471	0.5680	0.5894	0.6109
	0.5773	0.6054	0.6342	0.6644	0.6951
	0.7257	0.7526	0.7752	0.8046	0.8346
	0.8649	0.8951	0.9235	0.9519	0.9803
	0.9872	0.9783	0.9914	1.0160	1.0000
Width:	0.0188	0.0841	0.1258	0.1720	0.2175
	0.2469	0.2552	0.2710	0.2902	0.3340
	0.4055	0.4463	0.4680	0.4746	0.4818
	0.4931	0.5056	0.5161	0.5487	0.5680
	0.5868	0.6042	0.6281	0.6434	0.7090
	0.7494	0.7699	0.7843	0.7929	0.8031
	0.8103	0.8161	0.8208	0.8235	0.8255
	0.8274	0.8335	0.8442	0.8472	0.8496

	0.8516	0.8542	0.8671	0.8754	0.8829
	0.9011	0.9267	0.9470	0.9711	1.0000
Transect 301					
Area:					
	0.0002	0.0017	0.0076	0.0180	0.0315
	0.0464	0.0618	0.0777	0.0941	0.1106
	0.1274	0.1444	0.1616	0.1788	0.1961
	0.2134	0.2308	0.2482	0.2657	0.2835
	0.3019	0.3211	0.3410	0.3615	0.3822
	0.4035	0.4256	0.4481	0.4709	0.4941
	0.5176	0.5414	0.5655	0.5897	0.6140
	0.6384	0.6629	0.6876	0.7125	0.7379
	0.7633	0.7888	0.8144	0.8401	0.8661
	0.8925	0.9193	0.9461	0.9730	1.0000
Hrad:					
	0.0122	0.0174	0.0286	0.0426	0.0596
	0.0841	0.1083	0.1314	0.1552	0.1800
	0.2047	0.2290	0.2554	0.2816	0.3078
	0.3339	0.3599	0.3859	0.4116	0.4365
	0.4603	0.4522	0.4721	0.4782	0.4958
	0.5115	0.5194	0.5446	0.5692	0.5932
	0.5929	0.6124	0.6356	0.6601	0.6832
	0.7072	0.7314	0.7553	0.7635	0.7873
	0.8113	0.8358	0.8602	0.8838	0.9065
	0.9044	0.9287	0.9532	0.9771	1.0000
Width:					
	0.0201	0.1337	0.2971	0.4551	0.5431
	0.5612	0.5780	0.5961	0.6082	0.6168
	0.6247	0.6328	0.6349	0.6370	0.6391
	0.6411	0.6430	0.6450	0.6525	0.6634
	0.6964	0.7225	0.7489	0.7581	0.7730
	0.8025	0.8218	0.8377	0.8487	0.8649
	0.8755	0.8866	0.8920	0.8954	0.9007
	0.9046	0.9081	0.9118	0.9347	0.9386
	0.9420	0.9449	0.9477	0.9514	0.9687
	0.9875	0.9903	0.9928	0.9960	1.0000
Transect 304					
Area:					
	0.0002	0.0013	0.0029	0.0049	0.0072
	0.0100	0.0131	0.0167	0.0209	0.0261
	0.0327	0.0401	0.0483	0.0577	0.0681
	0.0797	0.0920	0.1048	0.1185	0.1340
	0.1515	0.1710	0.1921	0.2151	0.2395
	0.2644	0.2898	0.3163	0.3438	0.3721
	0.4009	0.4303	0.4603	0.4905	0.5209
	0.5515	0.5825	0.6136	0.6449	0.6763
	0.7079	0.7396	0.7716	0.8036	0.8359
	0.8683	0.9009	0.9338	0.9668	1.0000
Hrad:					
	0.0134	0.0290	0.0533	0.0776	0.0918
	0.1125	0.1349	0.1442	0.1657	0.1587
	0.1521	0.1791	0.2024	0.2036	0.2252
	0.2475	0.2700	0.2807	0.3006	0.3202
	0.3352	0.3479	0.3618	0.3295	0.3253
	0.3553	0.3835	0.4081	0.4328	0.4586
	0.4601	0.4883	0.5113	0.5412	0.5716
	0.5975	0.6273	0.6581	0.6883	0.7178
	0.7467	0.7756	0.8058	0.8349	0.8635
	0.8927	0.9192	0.9462	0.9755	1.0000
Width:					
	0.0185	0.0446	0.0548	0.0631	0.0784
	0.0891	0.0975	0.1163	0.1360	0.1732
	0.2156	0.2243	0.2644	0.2941	0.3339
	0.3574	0.3747	0.3932	0.4417	0.4959
	0.5548	0.6122	0.6577	0.7166	0.7384
	0.7542	0.7712	0.8118	0.8365	0.8536
	0.8737	0.8904	0.9025	0.9085	0.9134
	0.9250	0.9305	0.9342	0.9385	0.9436
	0.9493	0.9548	0.9585	0.9634	0.9688
	0.9732	0.9806	0.9871	0.9912	1.0000
Transect 311					
Area:					
	0.0002	0.0013	0.0029	0.0049	0.0072
	0.0100	0.0131	0.0167	0.0209	0.0261
	0.0327	0.0401	0.0483	0.0577	0.0681
	0.0797	0.0920	0.1048	0.1185	0.1340
	0.1515	0.1710	0.1921	0.2151	0.2395
	0.2644	0.2898	0.3163	0.3438	0.3721
	0.4009	0.4303	0.4603	0.4905	0.5209
	0.5515	0.5825	0.6136	0.6449	0.6763
	0.7079	0.7396	0.7716	0.8036	0.8359

Hrad:	0.8683	0.9009	0.9338	0.9668	1.0000
	0.0134	0.0290	0.0533	0.0776	0.0918
	0.1125	0.1349	0.1442	0.1657	0.1587
	0.1521	0.1791	0.2024	0.2036	0.2252
	0.2475	0.2700	0.2807	0.3006	0.3202
	0.3352	0.3479	0.3618	0.3295	0.3253
	0.3553	0.3835	0.4081	0.4328	0.4586
	0.4601	0.4883	0.5113	0.5412	0.5716
	0.5975	0.6273	0.6581	0.6883	0.7178
	0.7467	0.7756	0.8058	0.8349	0.8635
	0.8927	0.9192	0.9462	0.9755	1.0000
Width:	0.0185	0.0446	0.0548	0.0631	0.0784
	0.0891	0.0975	0.1163	0.1360	0.1732
	0.2156	0.2243	0.2644	0.2941	0.3339
	0.3574	0.3747	0.3932	0.4417	0.4959
	0.5548	0.6122	0.6577	0.7166	0.7384
	0.7542	0.7712	0.8118	0.8365	0.8536
	0.8737	0.8904	0.9025	0.9085	0.9134
	0.9250	0.9305	0.9342	0.9385	0.9436
	0.9493	0.9548	0.9585	0.9634	0.9688
	0.9732	0.9806	0.9871	0.9912	1.0000
Transect 319					
Area:	0.0012	0.0045	0.0089	0.0142	0.0200
	0.0265	0.0345	0.0436	0.0539	0.0650
	0.0765	0.0885	0.1010	0.1141	0.1278
	0.1418	0.1564	0.1714	0.1868	0.2027
	0.2191	0.2361	0.2535	0.2714	0.2897
	0.3085	0.3278	0.3476	0.3679	0.3893
	0.4124	0.4361	0.4608	0.4862	0.5123
	0.5391	0.5667	0.5951	0.6242	0.6542
	0.6858	0.7185	0.7518	0.7856	0.8198
	0.8544	0.8893	0.9252	0.9621	1.0000
Hrad:	0.0186	0.0448	0.0711	0.0997	0.1271
	0.1351	0.1555	0.1745	0.1941	0.2229
	0.2529	0.2817	0.3046	0.3313	0.3582
	0.3854	0.4116	0.4370	0.4624	0.4868
	0.5113	0.5335	0.5573	0.5806	0.6063
	0.6301	0.6509	0.6737	0.6944	0.6639
	0.6837	0.7004	0.7141	0.7330	0.7507
	0.7718	0.7853	0.8030	0.8234	0.8206
	0.8284	0.8441	0.8703	0.8957	0.9245
	0.9538	0.9838	0.9803	0.9995	1.0000
Width:	0.0645	0.1000	0.1258	0.1424	0.1574
	0.1966	0.2225	0.2508	0.2783	0.2922
	0.3032	0.3148	0.3323	0.3453	0.3574
	0.3688	0.3807	0.3930	0.4048	0.4173
	0.4295	0.4434	0.4557	0.4684	0.4789
	0.4906	0.5046	0.5170	0.5308	0.5875
	0.6044	0.6239	0.6465	0.6646	0.6838
	0.6999	0.7231	0.7427	0.7597	0.7989
	0.8297	0.8530	0.8656	0.8785	0.8880
	0.8967	0.9046	0.9443	0.9628	1.0000
Transect 320					
Area:	0.0007	0.0025	0.0053	0.0086	0.0123
	0.0165	0.0214	0.0268	0.0328	0.0395
	0.0467	0.0546	0.0632	0.0723	0.0817
	0.0913	0.1012	0.1113	0.1218	0.1340
	0.1473	0.1613	0.1766	0.1942	0.2129
	0.2326	0.2531	0.2743	0.2968	0.3206
	0.3456	0.3720	0.3991	0.4277	0.4577
	0.4883	0.5195	0.5514	0.5840	0.6174
	0.6515	0.6870	0.7241	0.7620	0.8004
	0.8393	0.8785	0.9181	0.9582	1.0000
Hrad:	0.0209	0.0430	0.0724	0.1010	0.1301
	0.1533	0.1719	0.1956	0.2171	0.2366
	0.2598	0.2732	0.2956	0.3258	0.3583
	0.3906	0.4217	0.4504	0.4718	0.4310
	0.4482	0.4672	0.4771	0.4546	0.4786
	0.5004	0.5267	0.5544	0.5576	0.5757
	0.5951	0.5776	0.6080	0.6038	0.6298
	0.6586	0.6875	0.7119	0.7396	0.7612
	0.7890	0.7786	0.8059	0.8305	0.8627
	0.8969	0.9295	0.9622	0.9926	1.0000
Width:	0.0304	0.0568	0.0705	0.0821	0.0916

	0.1042	0.1202	0.1325	0.1461	0.1613
	0.1738	0.1930	0.2066	0.2144	0.2203
	0.2258	0.2318	0.2388	0.2495	0.3003
	0.3174	0.3336	0.3890	0.4223	0.4439
	0.4657	0.4834	0.5012	0.5405	0.5675
	0.5938	0.6222	0.6351	0.6843	0.7020
	0.7163	0.7300	0.7482	0.7628	0.7836
	0.7977	0.8524	0.8681	0.8863	0.8963
	0.9040	0.9131	0.9218	0.9433	1.0000

Transect 321

Area:	0.0006	0.0017	0.0034	0.0058	0.0087
	0.0121	0.0158	0.0199	0.0253	0.0312
	0.0374	0.0447	0.0531	0.0624	0.0727
	0.0844	0.0979	0.1129	0.1289	0.1458
	0.1636	0.1828	0.2030	0.2243	0.2464
	0.2701	0.2954	0.3220	0.3495	0.3776
	0.4062	0.4351	0.4646	0.4946	0.5250
	0.5557	0.5865	0.6174	0.6484	0.6797
	0.7111	0.7427	0.7743	0.8061	0.8381
	0.8701	0.9023	0.9347	0.9672	1.0000

Hrad:	0.0234	0.0436	0.0529	0.0702	0.0910
	0.1130	0.1344	0.1378	0.1472	0.1715
	0.1939	0.2123	0.2278	0.2437	0.2581
	0.2668	0.2705	0.2804	0.2918	0.3096
	0.3222	0.3401	0.3506	0.3668	0.3837
	0.3735	0.3846	0.3893	0.4162	0.4393
	0.4667	0.4927	0.5159	0.5398	0.5668
	0.5972	0.6275	0.6575	0.6866	0.7154
	0.7449	0.7744	0.8041	0.8338	0.8633
	0.8923	0.9204	0.9477	0.9750	1.0000

Width:	0.0265	0.0385	0.0638	0.0824	0.0961
	0.1072	0.1177	0.1451	0.1728	0.1824
	0.2042	0.2392	0.2690	0.2977	0.3326
	0.3764	0.4368	0.4715	0.5006	0.5252
	0.5698	0.5963	0.6329	0.6599	0.6835
	0.7491	0.7885	0.8301	0.8428	0.8626
	0.8733	0.8861	0.9037	0.9194	0.9296
	0.9335	0.9374	0.9416	0.9468	0.9522
	0.9566	0.9607	0.9644	0.9681	0.9718
	0.9760	0.9809	0.9867	0.9923	1.0000

Transect A100

Area:	0.0007	0.0026	0.0059	0.0106	0.0160
	0.0221	0.0289	0.0363	0.0445	0.0535
	0.0633	0.0739	0.0849	0.0963	0.1084
	0.1218	0.1376	0.1555	0.1742	0.1936
	0.2135	0.2339	0.2548	0.2761	0.2979
	0.3201	0.3428	0.3659	0.3895	0.4134
	0.4378	0.4625	0.4877	0.5133	0.5393
	0.5657	0.5926	0.6201	0.6480	0.6765
	0.7055	0.7350	0.7650	0.7956	0.8267
	0.8583	0.8909	0.9248	0.9606	1.0000

Hrad:	0.0204	0.0408	0.0612	0.0838	0.1127
	0.1399	0.1657	0.1907	0.2114	0.2314
	0.2515	0.2783	0.3090	0.3360	0.3527
	0.3681	0.3790	0.3454	0.3711	0.4013
	0.4315	0.4614	0.4916	0.5213	0.5507
	0.5797	0.6087	0.6383	0.6675	0.6965
	0.7251	0.7534	0.7815	0.8094	0.8367
	0.8626	0.8863	0.9100	0.9335	0.9570
	0.9803	1.0035	1.0262	1.0485	1.0708
	1.0916	1.0909	1.0916	1.0530	1.0000

Width:	0.0325	0.0650	0.0975	0.1263	0.1424
	0.1586	0.1748	0.1909	0.2108	0.2315
	0.2522	0.2659	0.2751	0.2868	0.3075
	0.3589	0.4202	0.4509	0.4702	0.4832
	0.4956	0.5076	0.5189	0.5302	0.5415
	0.5528	0.5636	0.5737	0.5838	0.5939
	0.6039	0.6140	0.6241	0.6342	0.6445
	0.6557	0.6685	0.6812	0.6940	0.7067
	0.7194	0.7322	0.7452	0.7585	0.7717
	0.7860	0.8165	0.8509	0.9279	1.0000

Transect A101

Area:	0.0010	0.0042	0.0091	0.0150	0.0217
	0.0292	0.0372	0.0457	0.0547	0.0642

Hrad:	0.0743	0.0848	0.0958	0.1072	0.1192
	0.1315	0.1444	0.1577	0.1714	0.1856
	0.2001	0.2149	0.2301	0.2457	0.2617
	0.2780	0.2947	0.3118	0.3292	0.3470
	0.3652	0.3838	0.4027	0.4227	0.4461
	0.4746	0.5042	0.5339	0.5639	0.5947
	0.6273	0.6618	0.6985	0.7394	0.7812
	0.8237	0.8669	0.9106	0.9550	1.0000
	0.0228	0.0456	0.0760	0.1086	0.1390
	0.1705	0.2041	0.2364	0.2677	0.2980
Width:	0.3276	0.3565	0.3860	0.4150	0.4435
	0.4716	0.4992	0.5265	0.5534	0.5845
	0.6164	0.6454	0.6742	0.7026	0.7307
	0.7586	0.7862	0.8136	0.8408	0.8677
	0.8945	0.9211	0.9461	0.9483	0.9238
	0.7291	0.7686	0.8077	0.8467	0.8841
	0.9183	0.9499	0.9613	0.8062	0.8385
	0.8706	0.9033	0.9358	0.9680	1.0000
	0.0462	0.0923	0.1208	0.1387	0.1567
	0.1716	0.1826	0.1936	0.2047	0.2157
Transect A103 Area:	0.2267	0.2378	0.2479	0.2581	0.2682
	0.2784	0.2886	0.2987	0.3089	0.3165
	0.3234	0.3316	0.3399	0.3481	0.3563
	0.3646	0.3728	0.3810	0.3893	0.3975
	0.4057	0.4140	0.4228	0.4703	0.5891
	0.6494	0.6544	0.6593	0.6643	0.7003
	0.7403	0.7830	0.8510	0.9167	0.9313
	0.9459	0.9595	0.9730	0.9865	1.0000
	0.0019	0.0076	0.0153	0.0236	0.0324
	0.0418	0.0518	0.0623	0.0733	0.0847
Hrad:	0.0966	0.1088	0.1214	0.1344	0.1478
	0.1616	0.1758	0.1904	0.2054	0.2208
	0.2366	0.2527	0.2693	0.2863	0.3038
	0.3216	0.3399	0.3587	0.3778	0.3974
	0.4175	0.4379	0.4588	0.4802	0.5019
	0.5241	0.5467	0.5698	0.5937	0.6190
	0.6458	0.6754	0.7106	0.7501	0.7902
	0.8307	0.8720	0.9140	0.9566	1.0000
	0.0219	0.0450	0.0841	0.1210	0.1561
	0.1896	0.2219	0.2530	0.2854	0.3187
Width:	0.3512	0.3830	0.4142	0.4448	0.4749
	0.5046	0.5338	0.5626	0.5910	0.6191
	0.6469	0.6744	0.7006	0.7261	0.7514
	0.7766	0.8016	0.8264	0.8511	0.8757
	0.9001	0.9245	0.9487	0.9729	0.9969
	1.0209	1.0447	1.0654	1.0536	1.0382
	1.0266	0.9715	0.8843	0.8231	0.8577
	0.8879	0.9162	0.9444	0.9723	1.0000
	0.0873	0.1701	0.1828	0.1955	0.2082
	0.2209	0.2336	0.2463	0.2570	0.2660
Transect A109 Area:	0.2750	0.2841	0.2931	0.3021	0.3112
	0.3202	0.3292	0.3382	0.3473	0.3563
	0.3653	0.3744	0.3839	0.3938	0.4037
	0.4136	0.4235	0.4334	0.4433	0.4532
	0.4631	0.4729	0.4828	0.4927	0.5026
	0.5125	0.5224	0.5339	0.5626	0.5954
	0.6285	0.7360	0.8739	0.9112	0.9211
	0.9355	0.9516	0.9677	0.9839	1.0000
	0.0006	0.0025	0.0057	0.0102	0.0159
	0.0225	0.0298	0.0377	0.0463	0.0555
Hrad:	0.0653	0.0757	0.0866	0.0982	0.1103
	0.1231	0.1364	0.1504	0.1650	0.1804
	0.1965	0.2133	0.2308	0.2490	0.2679
	0.2876	0.3080	0.3292	0.3511	0.3738
	0.3972	0.4215	0.4469	0.4735	0.5012
	0.5299	0.5591	0.5887	0.6187	0.6494
	0.6809	0.7133	0.7466	0.7806	0.8153
	0.8508	0.8870	0.9239	0.9616	1.0000
	0.0183	0.0367	0.0550	0.0733	0.0939
	0.1190	0.1429	0.1666	0.1909	0.2144
	0.2373	0.2597	0.2817	0.3032	0.3245
	0.3455	0.3663	0.3857	0.4026	0.4196
	0.4367	0.4546	0.4728	0.4909	0.5091

Width:	0.5256	0.5423	0.5591	0.5760	0.5930
	0.6101	0.6220	0.6294	0.6378	0.6471
	0.6700	0.6965	0.7229	0.7489	0.7743
	0.7986	0.8173	0.8404	0.8643	0.8878
	0.9109	0.9337	0.9561	0.9782	1.0000
	0.0329	0.0658	0.0986	0.1315	0.1601
	0.1785	0.1968	0.2140	0.2293	0.2446
	0.2598	0.2751	0.2904	0.3057	0.3210
	0.3363	0.3516	0.3680	0.3869	0.4057
	0.4246	0.4428	0.4608	0.4788	0.4968
Hrad:	0.5164	0.5360	0.5556	0.5752	0.5948
	0.6144	0.6396	0.6701	0.7006	0.7311
	0.7465	0.7576	0.7686	0.7826	0.8021
	0.8220	0.8471	0.8673	0.8863	0.9052
	0.9242	0.9431	0.9621	0.9810	1.0000
	0.0010	0.0035	0.0067	0.0107	0.0154
	0.0208	0.0270	0.0339	0.0415	0.0500
	0.0592	0.0690	0.0793	0.0902	0.1016
	0.1136	0.1261	0.1392	0.1528	0.1670
	0.1818	0.1971	0.2140	0.2342	0.2555
Width:	0.2776	0.3006	0.3244	0.3489	0.3737
	0.3987	0.4240	0.4498	0.4761	0.5030
	0.5307	0.5593	0.5902	0.6216	0.6534
	0.6857	0.7184	0.7516	0.7854	0.8198
	0.8548	0.8904	0.9264	0.9630	1.0000
	0.0189	0.0455	0.0703	0.0931	0.1147
	0.1361	0.1560	0.1751	0.1941	0.2131
	0.2342	0.2585	0.2818	0.3048	0.3273
	0.3495	0.3713	0.3925	0.4135	0.4343
	0.4550	0.4694	0.4639	0.4241	0.4433
Hrad:	0.4635	0.4840	0.5044	0.5326	0.5652
	0.5975	0.6224	0.6468	0.6709	0.6926
	0.7057	0.7034	0.7077	0.7348	0.7617
	0.7884	0.8138	0.8358	0.8576	0.8793
	0.9025	0.9255	0.9484	0.9729	1.0000
	0.0524	0.0777	0.0972	0.1167	0.1363
	0.1553	0.1753	0.1962	0.2171	0.2380
	0.2565	0.2708	0.2854	0.3001	0.3148
	0.3295	0.3443	0.3594	0.3746	0.3897
	0.4049	0.4256	0.5056	0.5599	0.5843
Width:	0.6073	0.6297	0.6521	0.6638	0.6693
	0.6747	0.6882	0.7020	0.7158	0.7320
	0.7575	0.8007	0.8395	0.8509	0.8623
	0.8737	0.8862	0.9024	0.9186	0.9347
	0.9491	0.9635	0.9779	0.9903	1.0000
	0.0028	0.0095	0.0168	0.0246	0.0327
	0.0413	0.0503	0.0598	0.0697	0.0800
	0.0908	0.1020	0.1136	0.1257	0.1382
	0.1515	0.1655	0.1802	0.1956	0.2117
	0.2285	0.2465	0.2659	0.2864	0.3077
Hrad:	0.3295	0.3518	0.3747	0.3980	0.4219
	0.4463	0.4712	0.4966	0.5224	0.5484
	0.5748	0.6016	0.6288	0.6563	0.6842
	0.7125	0.7411	0.7701	0.8000	0.8308
	0.8627	0.8955	0.9293	0.9641	1.0000
	0.0187	0.0502	0.0835	0.1151	0.1454
	0.1745	0.2025	0.2298	0.2562	0.2820
	0.3073	0.3320	0.3562	0.3801	0.3973
	0.4129	0.4288	0.4448	0.4610	0.4775
	0.4892	0.4907	0.4944	0.5067	0.5310
Width:	0.5550	0.5788	0.6024	0.6257	0.6488
	0.6718	0.6945	0.7209	0.7480	0.7734
	0.7986	0.8235	0.8482	0.8727	0.8970
	0.9211	0.9449	0.9631	0.9670	0.9718
	0.9775	0.9847	0.9926	1.0010	1.0000
	0.1519	0.1934	0.2052	0.2171	0.2289
	0.2407	0.2526	0.2644	0.2762	0.2881
	0.2999	0.3118	0.3236	0.3354	0.3529
	0.3722	0.3915	0.4109	0.4303	0.4497
	0.4740	0.5099	0.5457	0.5738	0.5881
Width:	0.6024	0.6167	0.6310	0.6454	0.6597
	0.6740	0.6883	0.6982	0.7068	0.7169
	0.7269	0.7370	0.7470	0.7570	0.7671

	0.7771	0.7872	0.8019	0.8293	0.8566
	0.8838	0.9103	0.9368	0.9633	1.0000
Transect A116					
Area:					
	0.0004	0.0017	0.0038	0.0068	0.0106
	0.0149	0.0198	0.0254	0.0315	0.0382
	0.0455	0.0532	0.0614	0.0698	0.0786
	0.0876	0.0970	0.1066	0.1165	0.1267
	0.1372	0.1480	0.1591	0.1705	0.1841
	0.1992	0.2151	0.2317	0.2491	0.2673
	0.2883	0.3124	0.3384	0.3665	0.3964
	0.4283	0.4617	0.4958	0.5307	0.5663
	0.6042	0.6444	0.6858	0.7279	0.7708
	0.8146	0.8593	0.9048	0.9514	1.0000
Hrad:					
	0.0248	0.0495	0.0743	0.0991	0.1297
	0.1595	0.1881	0.2160	0.2433	0.2701
	0.2966	0.3310	0.3650	0.4011	0.4365
	0.4711	0.5052	0.5386	0.5715	0.6040
	0.6360	0.6676	0.6988	0.7297	0.7500
	0.7665	0.7840	0.8020	0.8149	0.8228
	0.8252	0.8245	0.8203	0.8165	0.8151
	0.8160	0.6861	0.7192	0.7519	0.7843
	0.7543	0.7812	0.8100	0.8455	0.8790
	0.9122	0.9452	0.9779	0.9917	1.0000
Width:					
	0.0172	0.0345	0.0517	0.0690	0.0815
	0.0935	0.1054	0.1173	0.1292	0.1412
	0.1531	0.1606	0.1679	0.1738	0.1796
	0.1855	0.1914	0.1973	0.2032	0.2091
	0.2150	0.2209	0.2267	0.2326	0.2394
	0.3137	0.3280	0.3423	0.3586	0.3769
	0.4660	0.5055	0.5464	0.5853	0.6242
	0.6631	0.6811	0.6963	0.7115	0.7267
	0.8000	0.8228	0.8436	0.8582	0.8753
	0.8925	0.9097	0.9268	0.9605	1.0000
Transect A16					
Area:					
	0.0011	0.0048	0.0125	0.0220	0.0320
	0.0425	0.0534	0.0649	0.0769	0.0894
	0.1028	0.1169	0.1318	0.1475	0.1640
	0.1815	0.2000	0.2192	0.2391	0.2596
	0.2807	0.3024	0.3248	0.3477	0.3708
	0.3941	0.4175	0.4412	0.4650	0.4890
	0.5132	0.5375	0.5619	0.5865	0.6113
	0.6362	0.6612	0.6864	0.7117	0.7372
	0.7628	0.7885	0.8144	0.8405	0.8667
	0.8930	0.9195	0.9461	0.9728	1.0000
Hrad:					
	0.0139	0.0261	0.0378	0.0631	0.0872
	0.1105	0.1329	0.1546	0.1757	0.1924
	0.2086	0.2246	0.2404	0.2551	0.2682
	0.2816	0.2950	0.3120	0.3301	0.3479
	0.3654	0.3828	0.4000	0.4208	0.4450
	0.4691	0.4930	0.5167	0.5403	0.5636
	0.5874	0.6113	0.6350	0.6586	0.6821
	0.7054	0.7286	0.7516	0.7746	0.7974
	0.8201	0.8426	0.8651	0.8874	0.9096
	0.9317	0.9537	0.9756	0.9973	1.0000
Width:					
	0.0802	0.2058	0.3363	0.3541	0.3719
	0.3898	0.4076	0.4254	0.4433	0.4711
	0.4992	0.5274	0.5555	0.5857	0.6198
	0.6534	0.6868	0.7120	0.7342	0.7563
	0.7785	0.8006	0.8228	0.8370	0.8435
	0.8499	0.8564	0.8629	0.8694	0.8759
	0.8815	0.8867	0.8919	0.8971	0.9024
	0.9076	0.9128	0.9180	0.9233	0.9285
	0.9337	0.9389	0.9442	0.9494	0.9546
	0.9598	0.9651	0.9703	0.9756	1.0000
Transect A25					
Area:					
	0.0069	0.0156	0.0246	0.0340	0.0439
	0.0541	0.0648	0.0759	0.0874	0.0993
	0.1116	0.1243	0.1374	0.1510	0.1649
	0.1793	0.1941	0.2093	0.2249	0.2409
	0.2573	0.2742	0.2915	0.3093	0.3278
	0.3468	0.3664	0.3866	0.4074	0.4288
	0.4508	0.4733	0.4965	0.5203	0.5447
	0.5698	0.5955	0.6220	0.6491	0.6770
	0.7055	0.7347	0.7646	0.7952	0.8265

Hrad:	0.8584	0.8915	0.9261	0.9623	1.0000
	0.0316	0.0675	0.1019	0.1350	0.1670
	0.1979	0.2280	0.2573	0.2858	0.3137
	0.3410	0.3678	0.3942	0.4201	0.4456
	0.4707	0.4955	0.5199	0.5438	0.5675
	0.5910	0.6142	0.6359	0.6527	0.6696
	0.6867	0.7039	0.7212	0.7386	0.7561
	0.7737	0.7914	0.8091	0.8269	0.8422
	0.8571	0.8723	0.8876	0.9032	0.9189
	0.9348	0.9508	0.9670	0.9833	0.9997
	1.0139	1.0082	1.0004	0.9949	1.0000
Width:	0.2198	0.2306	0.2413	0.2521	0.2628
	0.2735	0.2843	0.2950	0.3057	0.3165
	0.3272	0.3379	0.3487	0.3594	0.3702
	0.3809	0.3916	0.4025	0.4135	0.4244
	0.4354	0.4464	0.4583	0.4738	0.4893
	0.5049	0.5204	0.5359	0.5514	0.5669
	0.5825	0.5980	0.6135	0.6290	0.6466
	0.6646	0.6826	0.7006	0.7186	0.7366
	0.7546	0.7726	0.7906	0.8086	0.8266
	0.8465	0.8842	0.9257	0.9672	1.0000
Transect A36					
Area:	0.0014	0.0049	0.0097	0.0158	0.0227
	0.0302	0.0381	0.0468	0.0582	0.0717
	0.0868	0.1026	0.1188	0.1354	0.1525
	0.1701	0.1881	0.2066	0.2255	0.2449
	0.2648	0.2851	0.3058	0.3269	0.3484
	0.3704	0.3927	0.4155	0.4386	0.4621
	0.4860	0.5102	0.5348	0.5598	0.5851
	0.6108	0.6368	0.6631	0.6898	0.7167
	0.7440	0.7716	0.7995	0.8277	0.8562
	0.8848	0.9134	0.9422	0.9710	1.0000
Hrad:	0.0147	0.0345	0.0517	0.0685	0.0918
	0.1144	0.1360	0.1552	0.1673	0.1780
	0.1624	0.1864	0.2100	0.2330	0.2554
	0.2773	0.2989	0.3201	0.3410	0.3616
	0.3827	0.4037	0.4244	0.4448	0.4650
	0.4851	0.5049	0.5253	0.5458	0.5661
	0.5863	0.6063	0.6261	0.6457	0.6653
	0.6850	0.7056	0.7261	0.7464	0.7665
	0.7866	0.8065	0.8263	0.8460	0.8710
	0.8969	0.9228	0.9486	0.9744	1.0000
Width:	0.0973	0.1425	0.1877	0.2305	0.2479
	0.2639	0.2799	0.3451	0.4309	0.4991
	0.5350	0.5505	0.5659	0.5813	0.5973
	0.6134	0.6294	0.6455	0.6615	0.6776
	0.6921	0.7064	0.7208	0.7351	0.7494
	0.7637	0.7780	0.7911	0.8038	0.8164
	0.8290	0.8417	0.8543	0.8669	0.8796
	0.8917	0.9026	0.9134	0.9243	0.9351
	0.9460	0.9568	0.9677	0.9785	0.9831
	0.9865	0.9898	0.9932	0.9966	1.0000
Transect A50					
Area:	0.0020	0.0078	0.0169	0.0267	0.0369
	0.0476	0.0587	0.0703	0.0824	0.0950
	0.1080	0.1215	0.1354	0.1498	0.1647
	0.1800	0.1958	0.2120	0.2288	0.2460
	0.2636	0.2818	0.3005	0.3196	0.3393
	0.3595	0.3802	0.4013	0.4230	0.4452
	0.4678	0.4910	0.5147	0.5388	0.5635
	0.5887	0.6144	0.6408	0.6678	0.6952
	0.7230	0.7513	0.7799	0.8090	0.8385
	0.8684	0.8988	0.9308	0.9647	1.0000
Hrad:	0.0181	0.0362	0.0642	0.0966	0.1277
	0.1576	0.1866	0.2147	0.2420	0.2687
	0.2947	0.3202	0.3452	0.3698	0.3940
	0.4177	0.4412	0.4643	0.4870	0.5092
	0.5311	0.5523	0.5733	0.5941	0.6148
	0.6354	0.6558	0.6762	0.6964	0.7165
	0.7365	0.7565	0.7764	0.7961	0.8159
	0.8355	0.8507	0.8652	0.8845	0.9062
	0.9278	0.9492	0.9705	0.9917	1.0127
	1.0336	1.0387	1.0111	0.9916	1.0000
Width:	0.1094	0.2187	0.2663	0.2792	0.2922

	0.3052	0.3181	0.3311	0.3441	0.3571
	0.3700	0.3830	0.3960	0.4089	0.4219
	0.4349	0.4478	0.4608	0.4739	0.4873
	0.5008	0.5147	0.5287	0.5426	0.5566
	0.5706	0.5846	0.5985	0.6125	0.6265
	0.6404	0.6544	0.6684	0.6823	0.6963
	0.7103	0.7280	0.7466	0.7606	0.7722
	0.7837	0.7952	0.8067	0.8182	0.8298
	0.8413	0.8659	0.9211	0.9733	1.0000

Transect A57

Area:	0.0025	0.0100	0.0195	0.0296	0.0402
	0.0514	0.0631	0.0753	0.0881	0.1014
	0.1153	0.1297	0.1446	0.1601	0.1761
	0.1927	0.2098	0.2274	0.2455	0.2641
	0.2831	0.3023	0.3218	0.3416	0.3617
	0.3821	0.4027	0.4237	0.4449	0.4665
	0.4883	0.5105	0.5332	0.5562	0.5797
	0.6036	0.6279	0.6526	0.6778	0.7033
	0.7293	0.7559	0.7835	0.8121	0.8417
	0.8722	0.9033	0.9350	0.9672	1.0000

Hrad:	0.0169	0.0365	0.0673	0.0967	0.1247
	0.1518	0.1778	0.2031	0.2277	0.2516
	0.2751	0.2980	0.3205	0.3426	0.3643
	0.3861	0.4078	0.4293	0.4506	0.4738
	0.4995	0.5249	0.5499	0.5747	0.5992
	0.6234	0.6474	0.6711	0.6946	0.7179
	0.7395	0.7582	0.7768	0.7953	0.8138
	0.8321	0.8504	0.8685	0.8867	0.9047
	0.9227	0.9240	0.9240	0.9252	0.9273
	0.9359	0.9519	0.9679	0.9840	1.0000

Width:	0.1525	0.2798	0.2962	0.3127	0.3291
	0.3455	0.3619	0.3783	0.3947	0.4111
	0.4275	0.4439	0.4603	0.4767	0.4932
	0.5091	0.5246	0.5402	0.5557	0.5682
	0.5769	0.5857	0.5944	0.6032	0.6119
	0.6207	0.6294	0.6382	0.6469	0.6556
	0.6658	0.6784	0.6910	0.7036	0.7162
	0.7288	0.7415	0.7541	0.7667	0.7793
	0.7919	0.8195	0.8493	0.8792	0.9090
	0.9331	0.9498	0.9665	0.9833	1.0000

Transect A70

Area:	0.0002	0.0007	0.0015	0.0027	0.0051
	0.0099	0.0173	0.0278	0.0433	0.0599
	0.0768	0.0939	0.1114	0.1291	0.1472
	0.1657	0.1846	0.2038	0.2233	0.2431
	0.2632	0.2836	0.3044	0.3256	0.3471
	0.3690	0.3911	0.4135	0.4363	0.4593
	0.4826	0.5063	0.5303	0.5546	0.5793
	0.6045	0.6303	0.6571	0.6846	0.7124
	0.7404	0.7685	0.7968	0.8253	0.8540
	0.8828	0.9118	0.9409	0.9702	1.0000

Hrad:	0.0153	0.0305	0.0458	0.0610	0.0635
	0.0641	0.0718	0.0807	0.0801	0.1091
	0.1376	0.1656	0.1927	0.2194	0.2442
	0.2682	0.2940	0.3194	0.3446	0.3697
	0.3945	0.4163	0.4378	0.4607	0.4833
	0.5066	0.5298	0.5526	0.5750	0.5972
	0.6188	0.6401	0.6609	0.6812	0.6990
	0.7134	0.7278	0.7253	0.7441	0.7684
	0.7932	0.8177	0.8422	0.8671	0.8920
	0.9168	0.9414	0.9660	0.9835	1.0000

Width:	0.0114	0.0229	0.0343	0.0457	0.1145
	0.2010	0.2939	0.4215	0.5507	0.5591
	0.5676	0.5763	0.5866	0.5969	0.6111
	0.6262	0.6360	0.6459	0.6555	0.6647
	0.6740	0.6879	0.7018	0.7131	0.7243
	0.7341	0.7438	0.7536	0.7637	0.7738
	0.7845	0.7952	0.8064	0.8180	0.8324
	0.8510	0.8695	0.9098	0.9238	0.9304
	0.9364	0.9424	0.9484	0.9538	0.9589
	0.9641	0.9692	0.9744	0.9867	1.0000

Transect A72

Area:	0.0004	0.0015	0.0034	0.0060	0.0094
	0.0135	0.0184	0.0244	0.0330	0.0429

Hrad:	0.0541	0.0665	0.0801	0.0947	0.1101
	0.1260	0.1424	0.1594	0.1769	0.1950
	0.2135	0.2325	0.2518	0.2716	0.2917
	0.3122	0.3331	0.3544	0.3761	0.3986
	0.4223	0.4474	0.4739	0.5016	0.5302
	0.5595	0.5892	0.6191	0.6493	0.6798
	0.7105	0.7415	0.7727	0.8042	0.8360
	0.8681	0.9005	0.9333	0.9664	1.0000
	0.0170	0.0340	0.0510	0.0680	0.0850
	0.1020	0.1190	0.1122	0.1207	0.1384
Width:	0.1560	0.1739	0.1934	0.2129	0.2390
	0.2646	0.2896	0.3141	0.3381	0.3617
	0.3871	0.4128	0.4382	0.4632	0.4879
	0.5124	0.5365	0.5604	0.5797	0.5871
	0.5881	0.5892	0.5949	0.6017	0.6215
	0.6428	0.6706	0.6983	0.7257	0.7530
	0.7800	0.8069	0.8335	0.8600	0.8863
	0.9103	0.9329	0.9554	0.9778	1.0000
	0.0223	0.0446	0.0669	0.0892	0.1115
	0.1338	0.1560	0.2193	0.2756	0.3125
Transect A80 Area:	0.3494	0.3854	0.4171	0.4481	0.4639
	0.4797	0.4955	0.5113	0.5271	0.5429
	0.5556	0.5672	0.5788	0.5903	0.6019
	0.6135	0.6251	0.6366	0.6532	0.6836
	0.7230	0.7647	0.8021	0.8394	0.8587
	0.8757	0.8834	0.8911	0.8988	0.9065
	0.9142	0.9219	0.9296	0.9373	0.9450
	0.9550	0.9663	0.9775	0.9888	1.0000
	0.0012	0.0046	0.0105	0.0182	0.0264
	0.0351	0.0441	0.0536	0.0635	0.0739
Hrad:	0.0846	0.0958	0.1074	0.1193	0.1318
	0.1446	0.1578	0.1713	0.1853	0.1997
	0.2144	0.2296	0.2451	0.2610	0.2774
	0.2943	0.3115	0.3293	0.3474	0.3660
	0.3851	0.4045	0.4246	0.4452	0.4663
	0.4881	0.5103	0.5333	0.5573	0.5824
	0.6085	0.6378	0.6779	0.7213	0.7656
	0.8106	0.8565	0.9033	0.9512	1.0000
	0.0248	0.0497	0.0745	0.1123	0.1550
	0.1959	0.2352	0.2732	0.3100	0.3459
Width:	0.3808	0.4149	0.4483	0.4810	0.5134
	0.5462	0.5785	0.6103	0.6416	0.6726
	0.7032	0.7334	0.7623	0.7897	0.8168
	0.8438	0.8707	0.8974	0.9241	0.9506
	0.9770	1.0011	1.0214	1.0420	1.0628
	1.0837	1.1049	1.1126	1.1112	1.1120
	1.1148	0.8397	0.7821	0.8106	0.8453
	0.8796	0.9116	0.9413	0.9707	1.0000
	0.0471	0.0942	0.1413	0.1628	0.1712
	0.1797	0.1881	0.1966	0.2050	0.2135
Transect A81 Area:	0.2220	0.2304	0.2389	0.2473	0.2556
	0.2635	0.2713	0.2792	0.2870	0.2949
	0.3027	0.3106	0.3189	0.3278	0.3367
	0.3457	0.3546	0.3635	0.3724	0.3814
	0.3903	0.4001	0.4116	0.4231	0.4345
	0.4460	0.4575	0.4749	0.4972	0.5195
	0.5418	0.7575	0.8656	0.8889	0.9049
	0.9209	0.9390	0.9593	0.9797	1.0000
	0.0005	0.0021	0.0047	0.0084	0.0132
	0.0190	0.0258	0.0337	0.0427	0.0527
Hrad:	0.0637	0.0759	0.0890	0.1031	0.1180
	0.1336	0.1499	0.1671	0.1851	0.2038
	0.2233	0.2435	0.2646	0.2864	0.3090
	0.3323	0.3561	0.3801	0.4044	0.4290
	0.4538	0.4789	0.5043	0.5300	0.5560
	0.5822	0.6087	0.6354	0.6625	0.6898
	0.7174	0.7453	0.7735	0.8022	0.8316
	0.8621	0.8942	0.9278	0.9631	1.0000
	0.0190	0.0380	0.0570	0.0760	0.0950
	0.1139	0.1329	0.1519	0.1709	0.1899
	0.2089	0.2279	0.2469	0.2711	0.2943
	0.3171	0.3395	0.3616	0.3835	0.4051
	0.4265	0.4477	0.4688	0.4897	0.5105

Width:	0.5346	0.5659	0.5969	0.6276	0.6580
	0.6882	0.7181	0.7477	0.7770	0.8061
	0.8350	0.8637	0.8921	0.9203	0.9483
	0.9761	1.0037	1.0245	1.0396	1.0549
	1.0696	1.0829	1.0950	1.1063	1.0000
	0.0280	0.0559	0.0839	0.1118	0.1398
	0.1677	0.1957	0.2236	0.2516	0.2795
	0.3075	0.3355	0.3634	0.3832	0.4039
	0.4245	0.4451	0.4657	0.4863	0.5069
	0.5275	0.5481	0.5687	0.5893	0.6099
Hrad:	0.6264	0.6337	0.6409	0.6482	0.6555
	0.6628	0.6701	0.6774	0.6847	0.6920
	0.6993	0.7066	0.7138	0.7211	0.7284
	0.7357	0.7430	0.7553	0.7718	0.7883
	0.8295	0.8721	0.9148	0.9574	1.0000
	0.0026	0.0095	0.0171	0.0249	0.0332
	0.0417	0.0505	0.0597	0.0692	0.0790
	0.0892	0.0996	0.1104	0.1215	0.1329
	0.1447	0.1568	0.1692	0.1819	0.1949
	0.2083	0.2221	0.2362	0.2507	0.2655
Width:	0.2807	0.2962	0.3122	0.3287	0.3457
	0.3631	0.3809	0.3993	0.4181	0.4374
	0.4574	0.4784	0.5006	0.5237	0.5484
	0.5764	0.6084	0.6480	0.6914	0.7376
	0.7866	0.8375	0.8904	0.9448	1.0000
	0.0280	0.0717	0.1233	0.1728	0.2206
	0.2668	0.3115	0.3551	0.3974	0.4388
	0.4792	0.5188	0.5576	0.5958	0.6333
	0.6702	0.7066	0.7425	0.7779	0.8111
	0.8439	0.8764	0.9086	0.9406	0.9724
Hrad:	1.0039	1.0315	1.0560	1.0807	1.1055
	1.1305	1.1556	1.1809	1.2062	1.2316
	1.2253	1.2197	1.2172	1.2174	1.1584
	1.0671	1.0067	0.8601	0.8570	0.8597
	0.8749	0.8963	0.9182	0.9586	1.0000
	0.0937	0.1334	0.1391	0.1449	0.1507
	0.1565	0.1623	0.1681	0.1739	0.1797
	0.1855	0.1913	0.1971	0.2029	0.2087
	0.2144	0.2202	0.2260	0.2318	0.2382
	0.2446	0.2510	0.2574	0.2638	0.2702
Width:	0.2766	0.2840	0.2925	0.3009	0.3093
	0.3177	0.3261	0.3345	0.3430	0.3514
	0.3696	0.3887	0.4077	0.4268	0.4703
	0.5376	0.6453	0.7529	0.8068	0.8584
	0.8998	0.9354	0.9711	0.9864	1.0000
	0.0010	0.0041	0.0092	0.0158	0.0235
	0.0324	0.0423	0.0531	0.0650	0.0778
	0.0915	0.1060	0.1212	0.1372	0.1540
	0.1712	0.1889	0.2070	0.2254	0.2444
	0.2637	0.2834	0.3036	0.3241	0.3451
Hrad:	0.3664	0.3882	0.4102	0.4327	0.4555
	0.4787	0.5022	0.5261	0.5504	0.5750
	0.6001	0.6256	0.6514	0.6777	0.7044
	0.7316	0.7593	0.7874	0.8160	0.8452
	0.8749	0.9052	0.9361	0.9677	1.0000
	0.0163	0.0327	0.0511	0.0723	0.0921
	0.1125	0.1330	0.1527	0.1720	0.1915
	0.2126	0.2331	0.2532	0.2730	0.2956
	0.3207	0.3454	0.3697	0.3936	0.4173
	0.4408	0.4642	0.4874	0.5103	0.5329
Width:	0.5554	0.5786	0.6017	0.6245	0.6472
	0.6696	0.6919	0.7132	0.7342	0.7551
	0.7758	0.7964	0.8165	0.8348	0.8530
	0.8711	0.8892	0.9065	0.9218	0.9372
	0.9527	0.9672	0.9779	0.9888	1.0000
	0.0631	0.1263	0.1811	0.2180	0.2550
	0.2880	0.3181	0.3481	0.3782	0.4066
	0.4307	0.4547	0.4788	0.5028	0.5210
	0.5341	0.5470	0.5599	0.5728	0.5857
	0.5983	0.6106	0.6230	0.6353	0.6476
Width:	0.6599	0.6709	0.6819	0.6928	0.7038
	0.7148	0.7258	0.7376	0.7496	0.7615
	0.7735	0.7854	0.7977	0.8117	0.8257

	0.8398	0.8538	0.8685	0.8851	0.9017
	0.9183	0.9358	0.9572	0.9786	1.0000
Transect A89					
Area:					
	0.0005	0.0018	0.0041	0.0073	0.0114
	0.0171	0.0254	0.0350	0.0458	0.0576
	0.0703	0.0839	0.0984	0.1138	0.1303
	0.1477	0.1657	0.1841	0.2031	0.2225
	0.2422	0.2623	0.2828	0.3037	0.3249
	0.3465	0.3685	0.3909	0.4136	0.4368
	0.4603	0.4842	0.5086	0.5335	0.5588
	0.5846	0.6108	0.6375	0.6646	0.6922
	0.7202	0.7487	0.7777	0.8074	0.8376
	0.8685	0.9001	0.9324	0.9655	1.0000
Hrad:					
	0.0176	0.0352	0.0528	0.0703	0.0882
	0.0784	0.1002	0.1209	0.1424	0.1656
	0.1881	0.2099	0.2312	0.2515	0.2703
	0.2933	0.3201	0.3464	0.3723	0.3999
	0.4274	0.4545	0.4813	0.5077	0.5339
	0.5594	0.5845	0.6094	0.6340	0.6584
	0.6826	0.7048	0.7265	0.7480	0.7693
	0.7906	0.8122	0.8337	0.8552	0.8765
	0.8977	0.9154	0.9317	0.9481	0.9645
	0.9781	0.9914	1.0049	1.0056	1.0000
Width:					
	0.0259	0.0517	0.0776	0.1034	0.1288
	0.2185	0.2541	0.2897	0.3217	0.3477
	0.3737	0.3997	0.4257	0.4528	0.4821
	0.5037	0.5176	0.5316	0.5455	0.5563
	0.5667	0.5772	0.5876	0.5981	0.6085
	0.6194	0.6303	0.6413	0.6523	0.6632
	0.6742	0.6869	0.7000	0.7131	0.7262
	0.7393	0.7519	0.7645	0.7770	0.7895
	0.8021	0.8177	0.8345	0.8514	0.8683
	0.8878	0.9078	0.9277	0.9601	1.0000
Transect A91					
Area:					
	0.0066	0.0151	0.0241	0.0337	0.0438
	0.0545	0.0658	0.0776	0.0899	0.1028
	0.1163	0.1303	0.1448	0.1599	0.1756
	0.1918	0.2084	0.2254	0.2426	0.2603
	0.2782	0.2965	0.3151	0.3340	0.3532
	0.3729	0.3930	0.4135	0.4345	0.4559
	0.4778	0.5001	0.5229	0.5461	0.5699
	0.5942	0.6190	0.6443	0.6702	0.6967
	0.7237	0.7513	0.7795	0.8084	0.8380
	0.8682	0.8990	0.9311	0.9647	1.0000
Hrad:					
	0.0311	0.0668	0.1004	0.1324	0.1629
	0.1923	0.2207	0.2482	0.2750	0.3010
	0.3266	0.3516	0.3761	0.3997	0.4228
	0.4476	0.4750	0.5018	0.5281	0.5540
	0.5795	0.6046	0.6293	0.6536	0.6776
	0.6978	0.7176	0.7372	0.7568	0.7762
	0.7955	0.8147	0.8338	0.8520	0.8679
	0.8838	0.8998	0.9159	0.9320	0.9482
	0.9642	0.9768	0.9896	1.0027	1.0160
	1.0295	1.0399	1.0279	1.0185	1.0000
Width:					
	0.2260	0.2411	0.2562	0.2713	0.2864
	0.3015	0.3166	0.3318	0.3469	0.3620
	0.3771	0.3922	0.4073	0.4230	0.4390
	0.4521	0.4612	0.4703	0.4794	0.4885
	0.4976	0.5067	0.5158	0.5249	0.5340
	0.5461	0.5584	0.5707	0.5830	0.5953
	0.6076	0.6199	0.6322	0.6451	0.6600
	0.6748	0.6897	0.7045	0.7194	0.7343
	0.7493	0.7673	0.7853	0.8033	0.8213
	0.8394	0.8602	0.9027	0.9452	1.0000
Transect A93					
Area:					
	0.0014	0.0055	0.0109	0.0174	0.0246
	0.0322	0.0402	0.0486	0.0574	0.0666
	0.0763	0.0863	0.0968	0.1076	0.1189
	0.1306	0.1427	0.1552	0.1682	0.1816
	0.1955	0.2098	0.2245	0.2397	0.2555
	0.2717	0.2883	0.3055	0.3234	0.3422
	0.3619	0.3826	0.4043	0.4283	0.4544
	0.4819	0.5110	0.5424	0.5766	0.6116
	0.6471	0.6830	0.7195	0.7565	0.7941

Hrad:	0.8321	0.8708	0.9107	0.9519	1.0000
	0.0261	0.0570	0.0955	0.1305	0.1729
	0.2141	0.2537	0.2919	0.3289	0.3648
	0.3999	0.4342	0.4678	0.5007	0.5331
	0.5651	0.5965	0.6258	0.6549	0.6838
	0.7124	0.7409	0.7691	0.7961	0.8217
	0.8473	0.8729	0.8985	0.9069	0.9123
	0.9196	0.9286	0.9157	0.8737	0.8736
	0.8781	0.8738	0.8563	0.8515	0.8971
	0.9355	0.9736	1.0113	1.0487	1.0857
	1.1225	1.1449	1.1607	1.1658	1.0000
Width:	0.0504	0.0908	0.1084	0.1259	0.1341
	0.1415	0.1490	0.1564	0.1638	0.1713
	0.1787	0.1862	0.1936	0.2010	0.2085
	0.2159	0.2234	0.2315	0.2396	0.2477
	0.2558	0.2640	0.2721	0.2806	0.2897
	0.2987	0.3077	0.3168	0.3323	0.3497
	0.3670	0.3844	0.4123	0.4583	0.4865
	0.5136	0.5476	0.5936	0.6349	0.6392
	0.6485	0.6579	0.6672	0.6766	0.6860
	0.6953	0.7136	0.7364	0.7666	1.0000
Transect A95					
Area:	0.0009	0.0035	0.0080	0.0142	0.0222
	0.0317	0.0418	0.0525	0.0636	0.0752
	0.0873	0.0999	0.1128	0.1260	0.1396
	0.1535	0.1677	0.1823	0.1971	0.2123
	0.2279	0.2438	0.2600	0.2765	0.2934
	0.3106	0.3281	0.3459	0.3641	0.3826
	0.4015	0.4209	0.4409	0.4616	0.4830
	0.5052	0.5282	0.5519	0.5764	0.6017
	0.6294	0.6601	0.6934	0.7290	0.7667
	0.8074	0.8517	0.8992	0.9488	1.0000
Hrad:	0.0262	0.0524	0.0785	0.1047	0.1309
	0.1680	0.2109	0.2522	0.2921	0.3308
	0.3684	0.4086	0.4494	0.4893	0.5286
	0.5672	0.6051	0.6425	0.6793	0.7156
	0.7515	0.7868	0.8218	0.8564	0.8906
	0.9244	0.9580	0.9912	1.0241	1.0568
	1.0828	1.1010	1.1197	1.1319	1.1431
	1.1554	1.1686	1.1826	1.1973	1.1899
	1.1149	1.0695	1.0405	1.0343	1.0216
	0.9852	0.9639	0.9601	0.9798	1.0000
Width:	0.0341	0.0682	0.1023	0.1364	0.1704
	0.1898	0.1993	0.2088	0.2183	0.2279
	0.2374	0.2447	0.2510	0.2573	0.2637
	0.2700	0.2764	0.2827	0.2890	0.2954
	0.3017	0.3080	0.3144	0.3207	0.3271
	0.3334	0.3397	0.3461	0.3524	0.3588
	0.3673	0.3788	0.3902	0.4042	0.4189
	0.4337	0.4484	0.4631	0.4778	0.5022
	0.5615	0.6144	0.6639	0.7025	0.7485
	0.8181	0.8827	0.9361	0.9681	1.0000
Transect A96					
Area:	0.0005	0.0020	0.0045	0.0080	0.0126
	0.0179	0.0236	0.0296	0.0360	0.0426
	0.0496	0.0569	0.0645	0.0724	0.0807
	0.0940	0.1107	0.1319	0.1535	0.1755
	0.1979	0.2206	0.2438	0.2673	0.2914
	0.3159	0.3408	0.3661	0.3916	0.4175
	0.4438	0.4703	0.4972	0.5244	0.5519
	0.5798	0.6080	0.6365	0.6652	0.6943
	0.7237	0.7533	0.7832	0.8134	0.8439
	0.8746	0.9056	0.9368	0.9683	1.0000
Hrad:	0.0160	0.0319	0.0479	0.0639	0.0798
	0.1030	0.1284	0.1527	0.1762	0.1989
	0.2210	0.2425	0.2636	0.2842	0.3038
	0.3043	0.2334	0.1960	0.2243	0.2522
	0.2798	0.3069	0.3325	0.3576	0.3824
	0.4069	0.4332	0.4592	0.4850	0.5105
	0.5357	0.5609	0.5858	0.6105	0.6350
	0.6594	0.6836	0.7084	0.7330	0.7574
	0.7816	0.8057	0.8296	0.8544	0.8790
	0.9035	0.9278	0.9520	0.9761	1.0000
Width:	0.0315	0.0631	0.0946	0.1262	0.1577

	0.1742	0.1841	0.1940	0.2039	0.2138
	0.2237	0.2336	0.2435	0.2534	0.3065
	0.4567	0.6405	0.6734	0.6848	0.6962
	0.7077	0.7191	0.7333	0.7479	0.7625
	0.7768	0.7872	0.7976	0.8079	0.8183
	0.8287	0.8389	0.8491	0.8593	0.8695
	0.8797	0.8897	0.8988	0.9079	0.9171
	0.9262	0.9353	0.9444	0.9523	0.9603
	0.9682	0.9762	0.9841	0.9921	1.0000

Transect A99

Area:	0.0003	0.0013	0.0030	0.0053	0.0082
	0.0117	0.0157	0.0202	0.0253	0.0308
	0.0370	0.0439	0.0516	0.0601	0.0690
	0.0783	0.0881	0.0983	0.1089	0.1199
	0.1360	0.1539	0.1732	0.1942	0.2187
	0.2444	0.2705	0.2970	0.3239	0.3512
	0.3790	0.4073	0.4361	0.4655	0.4955
	0.5262	0.5576	0.5897	0.6221	0.6549
	0.6880	0.7214	0.7551	0.7891	0.8235
	0.8581	0.8931	0.9284	0.9641	1.0000

Hrad:	0.0180	0.0360	0.0540	0.0720	0.0922
	0.1126	0.1324	0.1518	0.1709	0.1902
	0.2042	0.2156	0.2284	0.2485	0.2719
	0.2948	0.3173	0.3394	0.3611	0.3825
	0.3866	0.3920	0.3998	0.3804	0.3081
	0.3404	0.3723	0.4019	0.4309	0.4597
	0.4881	0.5148	0.5404	0.5657	0.5903
	0.6123	0.6342	0.6594	0.6890	0.7183
	0.7474	0.7763	0.8050	0.8335	0.8617
	0.8897	0.9176	0.9452	0.9727	1.0000

Width:	0.0183	0.0366	0.0548	0.0731	0.0889
	0.1035	0.1181	0.1327	0.1473	0.1615
	0.1804	0.2028	0.2252	0.2409	0.2526
	0.2644	0.2762	0.2880	0.2998	0.3325
	0.4767	0.5157	0.5519	0.6187	0.7095
	0.7178	0.7262	0.7386	0.7511	0.7637
	0.7762	0.7909	0.8068	0.8228	0.8395
	0.8594	0.8794	0.8944	0.9031	0.9119
	0.9206	0.9293	0.9380	0.9468	0.9557
	0.9645	0.9734	0.9823	0.9911	1.0000

Transect T-C1

Area:	0.0033	0.0077	0.0127	0.0185	0.0259
	0.0358	0.0465	0.0582	0.0711	0.0868
	0.1055	0.1252	0.1454	0.1660	0.1870
	0.2083	0.2300	0.2519	0.2739	0.2961
	0.3183	0.3407	0.3633	0.3859	0.4087
	0.4316	0.4546	0.4777	0.5010	0.5243
	0.5478	0.5713	0.5948	0.6183	0.6419
	0.6655	0.6892	0.7129	0.7366	0.7604
	0.7842	0.8080	0.8319	0.8558	0.8797
	0.9037	0.9277	0.9518	0.9759	1.0000

Hrad:	0.0196	0.0400	0.0586	0.0718	0.0671
	0.0848	0.1011	0.1159	0.1250	0.1171
	0.1337	0.1523	0.1737	0.1948	0.2156
	0.2360	0.2563	0.2790	0.3017	0.3242
	0.3465	0.3688	0.3909	0.4129	0.4348
	0.4566	0.4782	0.4997	0.5212	0.5427
	0.5660	0.5892	0.6124	0.6355	0.6586
	0.6817	0.7047	0.7277	0.7506	0.7735
	0.7963	0.8191	0.8419	0.8646	0.8873
	0.9099	0.9325	0.9550	0.9775	1.0000

Width:	0.1708	0.1953	0.2198	0.2604	0.3900
	0.4258	0.4641	0.5073	0.5744	0.7492
	0.7967	0.8302	0.8452	0.8603	0.8753
	0.8904	0.9052	0.9102	0.9153	0.9203
	0.9254	0.9304	0.9355	0.9406	0.9456
	0.9507	0.9557	0.9608	0.9658	0.9705
	0.9720	0.9734	0.9749	0.9764	0.9779
	0.9793	0.9808	0.9823	0.9838	0.9852
	0.9867	0.9882	0.9897	0.9911	0.9926
	0.9941	0.9956	0.9970	0.9985	1.0000

Transect T-C108

Area:	0.0010	0.0027	0.0051	0.0084	0.0128
	0.0180	0.0241	0.0310	0.0392	0.0486

Hrad:	0.0585	0.0694	0.0815	0.0943	0.1079
	0.1237	0.1416	0.1608	0.1806	0.2009
	0.2218	0.2440	0.2673	0.2915	0.3169
	0.3430	0.3693	0.3956	0.4221	0.4486
	0.4752	0.5018	0.5286	0.5554	0.5823
	0.6093	0.6364	0.6636	0.6908	0.7182
	0.7456	0.7731	0.8007	0.8285	0.8566
	0.8849	0.9134	0.9422	0.9711	1.0000
	0.0195	0.0388	0.0546	0.0662	0.0832
	0.1003	0.1164	0.1320	0.1252	0.1464
Width:	0.1669	0.1727	0.1940	0.2130	0.2255
	0.2200	0.2257	0.2462	0.2684	0.2905
	0.3123	0.3157	0.3323	0.3495	0.3520
	0.3798	0.4075	0.4352	0.4627	0.4902
	0.5176	0.5449	0.5721	0.5992	0.6262
	0.6532	0.6801	0.7069	0.7336	0.7602
	0.7868	0.8133	0.8374	0.8589	0.8803
	0.9016	0.9227	0.9455	0.9728	1.0000
	0.0507	0.0711	0.0940	0.1343	0.1669
	0.1959	0.2250	0.2535	0.3146	0.3333
Transect T-C111	0.3520	0.4050	0.4294	0.4566	0.4958
	0.5806	0.6468	0.6741	0.6953	0.7129
	0.7305	0.7907	0.8214	0.8502	0.9031
	0.9060	0.9088	0.9117	0.9146	0.9174
	0.9203	0.9231	0.9260	0.9289	0.9317
	0.9346	0.9375	0.9403	0.9432	0.9461
	0.9489	0.9518	0.9573	0.9657	0.9741
	0.9825	0.9909	0.9974	0.9987	1.0000
	0.0006	0.0024	0.0051	0.0088	0.0142
	0.0224	0.0317	0.0421	0.0536	0.0665
Area:	0.0801	0.0942	0.1089	0.1240	0.1401
	0.1571	0.1757	0.1956	0.2158	0.2364
	0.2571	0.2782	0.2997	0.3217	0.3442
	0.3674	0.3914	0.4162	0.4413	0.4665
	0.4919	0.5175	0.5432	0.5691	0.5951
	0.6213	0.6476	0.6740	0.7005	0.7272
	0.7540	0.7809	0.8080	0.8351	0.8624
	0.8898	0.9172	0.9448	0.9723	1.0000
	0.0139	0.0297	0.0435	0.0561	0.0690
	0.0701	0.0897	0.1063	0.1223	0.1387
Hrad:	0.1600	0.1819	0.2034	0.2207	0.2352
	0.2526	0.2499	0.2695	0.2937	0.3176
	0.3413	0.3632	0.3822	0.4009	0.4216
	0.4417	0.4609	0.4621	0.4866	0.5109
	0.5351	0.5594	0.5838	0.6082	0.6324
	0.6565	0.6810	0.7054	0.7297	0.7538
	0.7779	0.8019	0.8258	0.8496	0.8742
	0.8995	0.9247	0.9499	0.9750	1.0000
	0.0442	0.0799	0.1165	0.1582	0.2545
	0.3199	0.3543	0.3968	0.4397	0.4806
Width:	0.5019	0.5192	0.5364	0.5632	0.5969
	0.6387	0.7048	0.7271	0.7364	0.7457
	0.7550	0.7673	0.7856	0.8039	0.8216
	0.8520	0.8824	0.9021	0.9083	0.9144
	0.9205	0.9263	0.9316	0.9368	0.9420
	0.9472	0.9517	0.9562	0.9607	0.9652
	0.9697	0.9742	0.9787	0.9833	0.9867
	0.9894	0.9920	0.9947	0.9973	1.0000
	0.0001	0.0004	0.0009	0.0016	0.0026
	0.0054	0.0096	0.0149	0.0213	0.0309
Transect T-C118	0.0433	0.0563	0.0700	0.0846	0.0999
	0.1156	0.1316	0.1480	0.1649	0.1823
	0.2011	0.2205	0.2402	0.2603	0.2807
	0.3016	0.3228	0.3443	0.3660	0.3881
	0.4111	0.4353	0.4599	0.4850	0.5108
	0.5389	0.5685	0.5987	0.6295	0.6607
	0.6926	0.7261	0.7599	0.7938	0.8278
	0.8620	0.8963	0.9308	0.9653	1.0000
	0.0174	0.0347	0.0521	0.0695	0.0810
	0.0734	0.0843	0.0997	0.1123	0.1009
Hrad:	0.1251	0.1508	0.1750	0.1983	0.2240
	0.2544	0.2833	0.3096	0.3350	0.3580
	0.3643	0.3927	0.4207	0.4472	0.4730

Width:	0.4990	0.5269	0.5545	0.5819	0.6022
	0.5965	0.6210	0.6452	0.6659	0.6841
	0.6384	0.6629	0.6841	0.7063	0.7299
	0.7435	0.7500	0.7815	0.8128	0.8441
	0.8752	0.9061	0.9371	0.9686	1.0000
	0.0056	0.0112	0.0168	0.0224	0.0476
	0.1061	0.1359	0.1657	0.2046	0.3467
	0.3660	0.3841	0.4074	0.4321	0.4474
	0.4557	0.4659	0.4794	0.4936	0.5107
	0.5536	0.5630	0.5725	0.5835	0.5951
Transect T-C1450_1 Area:	0.6060	0.6142	0.6224	0.6306	0.6462
	0.6910	0.7029	0.7147	0.7302	0.7685
	0.8464	0.8599	0.8775	0.8936	0.9074
	0.9336	0.9701	0.9741	0.9780	0.9820
	0.9859	0.9899	0.9937	0.9968	1.0000
	0.0002	0.0006	0.0014	0.0024	0.0040
	0.0066	0.0105	0.0155	0.0212	0.0274
	0.0347	0.0439	0.0545	0.0663	0.0792
	0.0926	0.1064	0.1212	0.1374	0.1554
	0.1746	0.1949	0.2163	0.2391	0.2629
Hrad:	0.2874	0.3126	0.3387	0.3655	0.3926
	0.4199	0.4473	0.4749	0.5031	0.5322
	0.5623	0.5926	0.6231	0.6538	0.6846
	0.7155	0.7465	0.7777	0.8090	0.8405
	0.8723	0.9041	0.9360	0.9680	1.0000
	0.0160	0.0321	0.0507	0.0653	0.0631
	0.0636	0.0799	0.0944	0.1141	0.1408
	0.1615	0.1649	0.1830	0.1944	0.2030
	0.2275	0.2523	0.2746	0.2856	0.2640
	0.2934	0.3207	0.3460	0.3696	0.3927
Width:	0.4155	0.4382	0.4574	0.4340	0.4639
	0.4933	0.5226	0.5451	0.5716	0.5981
	0.5973	0.6252	0.6535	0.6825	0.7117
	0.7409	0.7700	0.7989	0.8278	0.8489
	0.8794	0.9096	0.9398	0.9699	1.0000
	0.0097	0.0194	0.0274	0.0364	0.0641
	0.1036	0.1413	0.1647	0.1861	0.2072
	0.2554	0.3060	0.3489	0.3898	0.4106
	0.4237	0.4428	0.4823	0.5284	0.5892
	0.6188	0.6451	0.6941	0.7289	0.7519
Transect T-C61 Area:	0.7792	0.7960	0.8286	0.8430	0.8472
	0.8518	0.8566	0.8720	0.8891	0.9290
	0.9421	0.9486	0.9542	0.9587	0.9626
	0.9664	0.9703	0.9742	0.9780	0.9907
	0.9925	0.9943	0.9962	0.9981	1.0000
	0.0027	0.0075	0.0149	0.0282	0.0418
	0.0557	0.0698	0.0842	0.0989	0.1139
	0.1292	0.1449	0.1612	0.1780	0.1955
	0.2134	0.2316	0.2502	0.2692	0.2886
	0.3084	0.3287	0.3495	0.3706	0.3921
Hrad:	0.4139	0.4362	0.4589	0.4822	0.5060
	0.5300	0.5540	0.5781	0.6023	0.6266
	0.6510	0.6754	0.6999	0.7245	0.7492
	0.7739	0.7987	0.8236	0.8485	0.8736
	0.8987	0.9239	0.9492	0.9745	1.0000
	0.0161	0.0376	0.0298	0.0551	0.0799
	0.1041	0.1280	0.1514	0.1744	0.1970
	0.2193	0.2371	0.2541	0.2709	0.2883
	0.3089	0.3292	0.3490	0.3666	0.3840
	0.4012	0.4182	0.4351	0.4542	0.4735
Width:	0.4908	0.5056	0.5203	0.5350	0.5515
	0.5751	0.5986	0.6220	0.6453	0.6684
	0.6914	0.7144	0.7372	0.7598	0.7824
	0.8049	0.8272	0.8495	0.8716	0.8937
	0.9156	0.9374	0.9584	0.9792	1.0000
	0.1718	0.2047	0.5155	0.5265	0.5375
	0.5486	0.5596	0.5707	0.5817	0.5927
	0.6038	0.6261	0.6497	0.6734	0.6948
	0.7077	0.7206	0.7340	0.7517	0.7693
	0.7869	0.8046	0.8222	0.8352	0.8473
	0.8627	0.8824	0.9022	0.9219	0.9380
	0.9410	0.9439	0.9469	0.9499	0.9528
	0.9558	0.9588	0.9618	0.9647	0.9677

	0.9707	0.9736	0.9766	0.9796	0.9825
	0.9855	0.9885	0.9923	0.9962	1.0000
Transect T-C71					
Area:	0.0071	0.0144	0.0220	0.0298	0.0378
	0.0461	0.0546	0.0634	0.0724	0.0817
	0.0911	0.1009	0.1108	0.1211	0.1315
	0.1422	0.1531	0.1643	0.1757	0.1874
	0.1993	0.2118	0.2247	0.2382	0.2521
	0.2666	0.2815	0.2970	0.3130	0.3296
	0.3468	0.3647	0.3851	0.4096	0.4373
	0.4664	0.4961	0.5266	0.5579	0.5901
	0.6232	0.6571	0.6935	0.7328	0.7748
	0.8195	0.8645	0.9096	0.9548	1.0000
Hrad:	0.0446	0.0877	0.1295	0.1702	0.2098
	0.2483	0.2860	0.3229	0.3590	0.3944
	0.4291	0.4633	0.4969	0.5299	0.5625
	0.5947	0.6264	0.6577	0.6886	0.7192
	0.7393	0.7542	0.7697	0.7856	0.8021
	0.8190	0.8362	0.8538	0.8678	0.8803
	0.8936	0.9075	0.9158	0.9154	0.6899
	0.7179	0.7456	0.7712	0.7949	0.8185
	0.8420	0.8579	0.8254	0.8179	0.8027
	0.8247	0.8686	0.9125	0.9563	1.0000
Width:	0.1592	0.1645	0.1698	0.1751	0.1804
	0.1857	0.1911	0.1964	0.2017	0.2070
	0.2123	0.2176	0.2230	0.2283	0.2336
	0.2389	0.2442	0.2495	0.2549	0.2602
	0.2692	0.2804	0.2916	0.3027	0.3139
	0.3251	0.3362	0.3474	0.3602	0.3739
	0.3877	0.4014	0.5055	0.5793	0.6337
	0.6495	0.6652	0.6826	0.7017	0.7208
	0.7399	0.7658	0.8401	0.8959	0.9654
	0.9938	0.9954	0.9969	0.9985	1.0000
Transect T-C74					
Area:	0.0006	0.0026	0.0057	0.0095	0.0138
	0.0186	0.0240	0.0298	0.0362	0.0430
	0.0505	0.0589	0.0686	0.0793	0.0911
	0.1039	0.1177	0.1330	0.1500	0.1681
	0.1870	0.2067	0.2271	0.2483	0.2701
	0.2924	0.3152	0.3386	0.3625	0.3870
	0.4120	0.4375	0.4635	0.4902	0.5174
	0.5451	0.5734	0.6023	0.6318	0.6618
	0.6926	0.7242	0.7566	0.7897	0.8236
	0.8582	0.8932	0.9285	0.9641	1.0000
Hrad:	0.0181	0.0362	0.0582	0.0848	0.1094
	0.1327	0.1550	0.1766	0.1977	0.2183
	0.2306	0.2350	0.2425	0.2538	0.2678
	0.2825	0.2970	0.2977	0.3064	0.3288
	0.3508	0.3726	0.3936	0.4176	0.4432
	0.4684	0.4932	0.5178	0.5420	0.5660
	0.5898	0.6131	0.6358	0.6583	0.6806
	0.7027	0.7247	0.7465	0.7682	0.7855
	0.8021	0.8187	0.8353	0.8520	0.8688
	0.8895	0.9175	0.9452	0.9727	1.0000
Width:	0.0355	0.0711	0.0984	0.1126	0.1267
	0.1409	0.1551	0.1692	0.1834	0.1976
	0.2193	0.2515	0.2836	0.3136	0.3414
	0.3692	0.3978	0.4483	0.4915	0.5133
	0.5350	0.5568	0.5792	0.5969	0.6117
	0.6266	0.6415	0.6563	0.6712	0.6860
	0.7009	0.7159	0.7315	0.7471	0.7627
	0.7783	0.7939	0.8094	0.8250	0.8452
	0.8664	0.8876	0.9088	0.9300	0.9512
	0.9678	0.9759	0.9839	0.9920	1.0000
Transect T-C76					
Area:	0.0005	0.0019	0.0044	0.0078	0.0121
	0.0175	0.0238	0.0311	0.0394	0.0490
	0.0599	0.0720	0.0849	0.0985	0.1129
	0.1281	0.1440	0.1606	0.1777	0.1955
	0.2139	0.2328	0.2523	0.2725	0.2933
	0.3148	0.3372	0.3604	0.3844	0.4092
	0.4345	0.4604	0.4869	0.5140	0.5417
	0.5699	0.5988	0.6280	0.6575	0.6873
	0.7174	0.7477	0.7783	0.8092	0.8403

Hrad:	0.8717	0.9034	0.9353	0.9675	1.0000
	0.0163	0.0327	0.0490	0.0653	0.0817
	0.0980	0.1143	0.1307	0.1437	0.1562
	0.1696	0.1883	0.2091	0.2295	0.2494
	0.2690	0.2889	0.3108	0.3324	0.3535
	0.3744	0.3950	0.4153	0.4354	0.4517
	0.4673	0.4829	0.4986	0.5143	0.5331
	0.5531	0.5730	0.5928	0.6124	0.6318
	0.6511	0.6709	0.6972	0.7234	0.7493
	0.7751	0.8007	0.8261	0.8514	0.8765
	0.9015	0.9264	0.9510	0.9756	1.0000
Width:	0.0298	0.0595	0.0893	0.1191	0.1488
	0.1786	0.2084	0.2381	0.2747	0.3143
	0.3540	0.3831	0.4065	0.4299	0.4534
	0.4768	0.4991	0.5173	0.5354	0.5536
	0.5717	0.5898	0.6080	0.6261	0.6496
	0.6742	0.6987	0.7232	0.7478	0.7678
	0.7857	0.8037	0.8216	0.8395	0.8574
	0.8753	0.8924	0.9007	0.9090	0.9172
	0.9255	0.9338	0.9421	0.9503	0.9586
	0.9669	0.9752	0.9834	0.9917	1.0000
Transect T-C78					
Area:	0.0002	0.0006	0.0014	0.0025	0.0039
	0.0056	0.0076	0.0100	0.0126	0.0156
	0.0198	0.0264	0.0366	0.0488	0.0616
	0.0751	0.0891	0.1038	0.1196	0.1376
	0.1570	0.1773	0.1985	0.2205	0.2434
	0.2676	0.2928	0.3189	0.3457	0.3734
	0.4018	0.4310	0.4610	0.4915	0.5223
	0.5532	0.5842	0.6153	0.6466	0.6781
	0.7096	0.7413	0.7732	0.8052	0.8373
	0.8696	0.9020	0.9345	0.9672	1.0000
Hrad:	0.0165	0.0330	0.0495	0.0660	0.0825
	0.0990	0.1155	0.1320	0.1486	0.1651
	0.1189	0.1139	0.1025	0.1299	0.1563
	0.1819	0.2066	0.2269	0.2451	0.2416
	0.2634	0.2848	0.3060	0.3272	0.3441
	0.3602	0.3796	0.4014	0.4229	0.4441
	0.4637	0.4846	0.5062	0.5333	0.5636
	0.5938	0.6239	0.6537	0.6834	0.7129
	0.7423	0.7715	0.8006	0.8295	0.8583
	0.8869	0.9154	0.9437	0.9719	1.0000
Width:	0.0095	0.0189	0.0284	0.0378	0.0473
	0.0568	0.0662	0.0757	0.0852	0.0946
	0.1677	0.2339	0.3615	0.3802	0.3988
	0.4175	0.4362	0.4630	0.4936	0.5765
	0.6033	0.6300	0.6564	0.6820	0.7161
	0.7521	0.7810	0.8044	0.8278	0.8511
	0.8771	0.9004	0.9218	0.9326	0.9368
	0.9411	0.9453	0.9495	0.9537	0.9579
	0.9621	0.9663	0.9705	0.9747	0.9789
	0.9832	0.9874	0.9916	0.9958	1.0000
Transect T-C8					
Area:	0.0020	0.0042	0.0065	0.0089	0.0114
	0.0141	0.0169	0.0198	0.0228	0.0260
	0.0296	0.0342	0.0416	0.0496	0.0591
	0.0706	0.0864	0.1054	0.1266	0.1508
	0.1766	0.2026	0.2288	0.2552	0.2817
	0.3085	0.3354	0.3625	0.3897	0.4171
	0.4447	0.4724	0.5003	0.5284	0.5567
	0.5852	0.6139	0.6427	0.6717	0.7009
	0.7302	0.7596	0.7892	0.8190	0.8489
	0.8789	0.9091	0.9393	0.9696	1.0000
Hrad:	0.0296	0.0575	0.0840	0.1092	0.1334
	0.1567	0.1792	0.2011	0.2223	0.2431
	0.2294	0.2008	0.1638	0.1826	0.1987
	0.2100	0.1723	0.1752	0.1960	0.1797
	0.2084	0.2370	0.2656	0.2943	0.3228
	0.3511	0.3793	0.4072	0.4351	0.4629
	0.4907	0.5183	0.5451	0.5718	0.5983
	0.6247	0.6509	0.6775	0.7045	0.7313
	0.7580	0.7845	0.8110	0.8374	0.8636
	0.8897	0.9174	0.9450	0.9726	1.0000
Width:	0.0687	0.0729	0.0771	0.0813	0.0855

	0.0897	0.0939	0.0981	0.1023	0.1065
	0.1283	0.2159	0.2541	0.2811	0.3420
	0.4525	0.5612	0.6751	0.7321	0.8428
	0.8504	0.8579	0.8645	0.8701	0.8758
	0.8815	0.8871	0.8928	0.8984	0.9037
	0.9087	0.9139	0.9202	0.9265	0.9328
	0.9390	0.9453	0.9509	0.9557	0.9606
	0.9654	0.9703	0.9752	0.9800	0.9849
	0.9897	0.9923	0.9948	0.9974	1.0000

Transect T-C84

Area:	0.0002	0.0007	0.0027	0.0075	0.0169
	0.0267	0.0370	0.0476	0.0585	0.0697
	0.0813	0.0935	0.1060	0.1188	0.1319
	0.1452	0.1589	0.1737	0.1896	0.2103
	0.2353	0.2611	0.2870	0.3129	0.3388
	0.3648	0.3908	0.4169	0.4430	0.4691
	0.4953	0.5215	0.5478	0.5740	0.6004
	0.6267	0.6531	0.6796	0.7061	0.7326
	0.7592	0.7858	0.8124	0.8391	0.8658
	0.8926	0.9194	0.9462	0.9731	1.0000

Hrad:	0.0136	0.0271	0.0300	0.0233	0.0479
	0.0723	0.0964	0.1203	0.1436	0.1663
	0.1862	0.2056	0.2274	0.2496	0.2715
	0.2931	0.3028	0.3113	0.3224	0.2514
	0.2479	0.2746	0.3012	0.3278	0.3543
	0.3808	0.4072	0.4335	0.4598	0.4861
	0.5123	0.5384	0.5645	0.5905	0.6165
	0.6424	0.6683	0.6941	0.7199	0.7456
	0.7713	0.7969	0.8225	0.8480	0.8734
	0.8989	0.9242	0.9495	0.9748	1.0000

Width:	0.0137	0.0274	0.1094	0.3273	0.3562
	0.3732	0.3872	0.3991	0.4110	0.4232
	0.4411	0.4589	0.4706	0.4804	0.4902
	0.5000	0.5295	0.5633	0.6270	0.8946
	0.9577	0.9593	0.9608	0.9623	0.9638
	0.9652	0.9667	0.9681	0.9696	0.9710
	0.9725	0.9739	0.9754	0.9768	0.9783
	0.9797	0.9812	0.9826	0.9841	0.9855
	0.9870	0.9884	0.9899	0.9913	0.9928
	0.9942	0.9957	0.9971	0.9986	1.0000

Transect T-C97

Area:	0.0002	0.0007	0.0015	0.0027	0.0043
	0.0061	0.0084	0.0109	0.0138	0.0170
	0.0205	0.0242	0.0282	0.0328	0.0391
	0.0464	0.0557	0.0683	0.0832	0.0989
	0.1163	0.1353	0.1558	0.1774	0.1997
	0.2235	0.2482	0.2739	0.3006	0.3288
	0.3576	0.3871	0.4174	0.4483	0.4798
	0.5116	0.5450	0.5789	0.6130	0.6472
	0.6816	0.7162	0.7509	0.7858	0.8209
	0.8562	0.8916	0.9272	0.9633	1.0000

Hrad:	0.0186	0.0372	0.0558	0.0743	0.0929
	0.1115	0.1301	0.1487	0.1692	0.1902
	0.2107	0.2309	0.2509	0.2144	0.2164
	0.2259	0.2166	0.2089	0.2035	0.2262
	0.2366	0.2536	0.2749	0.3011	0.3257
	0.3428	0.3648	0.3921	0.4034	0.4295
	0.4576	0.4822	0.5076	0.5349	0.5646
	0.5941	0.6003	0.6342	0.6678	0.7013
	0.7346	0.7678	0.8009	0.8339	0.8667
	0.8993	0.9310	0.9613	0.9912	1.0000

Width:	0.0092	0.0184	0.0277	0.0369	0.0461
	0.0553	0.0645	0.0738	0.0819	0.0896
	0.0973	0.1050	0.1127	0.1535	0.1813
	0.2167	0.2914	0.3821	0.4108	0.4394
	0.4942	0.5363	0.5697	0.5921	0.6163
	0.6554	0.6840	0.7023	0.7491	0.7696
	0.7856	0.8071	0.8267	0.8426	0.8542
	0.8658	0.9125	0.9171	0.9218	0.9264
	0.9311	0.9356	0.9400	0.9444	0.9489
	0.9533	0.9586	0.9651	0.9824	1.0000

Transect T-SMC14

Area:	0.0044	0.0103	0.0168	0.0237	0.0311
	0.0390	0.0473	0.0561	0.0654	0.0751

	0.0853	0.0962	0.1078	0.1201	0.1331
	0.1469	0.1616	0.1777	0.1950	0.2128
	0.2312	0.2500	0.2694	0.2892	0.3095
	0.3303	0.3514	0.3730	0.3950	0.4175
	0.4404	0.4637	0.4876	0.5119	0.5366
	0.5619	0.5883	0.6160	0.6450	0.6751
	0.7064	0.7385	0.7708	0.8032	0.8358
	0.8684	0.9011	0.9340	0.9669	1.0000
Hrad:	0.0254	0.0555	0.0838	0.1105	0.1359
	0.1602	0.1837	0.2065	0.2286	0.2503
	0.2710	0.2851	0.2997	0.3148	0.3300
	0.3454	0.3486	0.3529	0.3677	0.3906
	0.4131	0.4353	0.4572	0.4789	0.5003
	0.5228	0.5460	0.5689	0.5899	0.6106
	0.6311	0.6515	0.6717	0.6917	0.7117
	0.7233	0.7209	0.7205	0.7246	0.7296
	0.7334	0.7595	0.7899	0.8202	0.8505
	0.8806	0.9106	0.9405	0.9703	1.0000
Width:	0.1735	0.1877	0.2019	0.2161	0.2303
	0.2445	0.2587	0.2729	0.2871	0.3013
	0.3159	0.3385	0.3607	0.3827	0.4047
	0.4267	0.4652	0.5054	0.5322	0.5469
	0.5616	0.5763	0.5910	0.6057	0.6204
	0.6335	0.6452	0.6570	0.6709	0.6849
	0.6988	0.7128	0.7268	0.7407	0.7547
	0.7775	0.8169	0.8559	0.8912	0.9265
	0.9644	0.9736	0.9769	0.9802	0.9835
	0.9868	0.9901	0.9934	0.9967	1.0000
Transect T-U012001					
Area:	0.0016	0.0043	0.0078	0.0120	0.0168
	0.0223	0.0283	0.0350	0.0421	0.0499
	0.0582	0.0672	0.0773	0.0888	0.1013
	0.1145	0.1289	0.1442	0.1605	0.1777
	0.1956	0.2145	0.2344	0.2549	0.2756
	0.2968	0.3185	0.3413	0.3650	0.3891
	0.4134	0.4379	0.4627	0.4878	0.5141
	0.5412	0.5689	0.5970	0.6255	0.6544
	0.6839	0.7140	0.7446	0.7764	0.8109
	0.8462	0.8823	0.9197	0.9594	1.0000
Hrad:	0.0297	0.0568	0.0839	0.1091	0.1351
	0.1609	0.1861	0.2105	0.2343	0.2586
	0.2796	0.2934	0.2963	0.3057	0.3267
	0.3463	0.3593	0.3787	0.3975	0.4200
	0.4407	0.4593	0.4797	0.5131	0.5465
	0.5750	0.5999	0.6041	0.6333	0.6677
	0.7019	0.7361	0.7701	0.7961	0.7959
	0.8197	0.8464	0.8751	0.9051	0.9284
	0.9525	0.9769	0.9958	0.9824	0.9609
	0.9844	0.9956	0.9898	0.9924	1.0000
Width:	0.0536	0.0756	0.0927	0.1098	0.1247
	0.1386	0.1523	0.1661	0.1798	0.1928
	0.2080	0.2289	0.2608	0.2905	0.3100
	0.3307	0.3587	0.3808	0.4038	0.4231
	0.4440	0.4671	0.4886	0.4967	0.5043
	0.5162	0.5309	0.5651	0.5764	0.5827
	0.5890	0.5950	0.6009	0.6128	0.6460
	0.6603	0.6722	0.6822	0.6910	0.7049
	0.7181	0.7309	0.7478	0.7904	0.8439
	0.8597	0.8863	0.9293	0.9668	1.0000

Analysis Options

Flow Units CMS
Process Models:
 Rainfall/Runoff YES
 RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing YES
 Ponding Allowed NO
 Water Quality NO
Infiltration Method CURVE_NUMBER
Flow Routing Method DYNWAVE
Surcharge Method EXTRAN
Starting Date 04/10/2025 00:00:00
Ending Date 04/12/2025 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	4.577	48.000
Evaporation Loss	0.000	0.000
Infiltration Loss	3.149	33.027
Surface Runoff	1.307	13.706
Final Storage	0.123	1.294
Continuity Error (%)	-0.059	

*****	Volume	Volume
Flow Routing Continuity	hectare-m	10^6 ltr
*****	-----	-----
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	1.307	13.069
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	1.180	11.797
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.326	3.257
Final Stored Volume	0.440	4.399
Continuity Error (%)	0.795	

Highest Continuity Errors

Node T013042 (5.43%)
Node T013044 (5.14%)
Node T016001 (2.41%)
Node T013037 (1.81%)

Time-Step Critical Elements

Link PDDC01 (73.03%)
Link PD_IS_HDPE300 (6.19%)
Link C131 (5.60%)
Link OFB_CC700 (4.69%)

Highest Flow Instability Indexes

Link OFC_CC600 (13)
Link OFB_CC700 (3)

Most Frequent Nonconverging Nodes

Convergence obtained at all time steps.

Routing Time Step Summary

Minimum Time Step : 0.00 sec
Average Time Step : 2.70 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 : 55.94 %
3.155 - 1.991 sec : 1.25 %
1.991 - 1.256 sec : 2.42 %
1.256 - 0.792 sec : 18.20 %

0.792 - 0.500 sec : 22.19 %

Subcatchment Runoff Summary

Total	Peak	Runoff	Total	Total	Total	Total	Imperv	Perv	Total
Runoff	Runoff	Coeff	Precip	Runon	Evap	Infil	Runoff	Runoff	Runoff
Subcatchment	Subcatchment		mm	mm	mm	mm	mm	mm	mm
10^6 ltr	CMS								

G009005_1			48.00	0.00	0.00	35.89	3.26	7.58	10.84
0.30	0.03	0.226							
G009005_2			48.00	0.00	0.00	35.49	3.26	7.98	11.24
0.18	0.02	0.234							
G012001			48.00	0.00	0.00	35.80	3.26	7.67	10.93
0.33	0.04	0.228							
G013006			48.00	0.00	0.00	35.60	3.26	7.87	11.12
0.11	0.01	0.232							
G013007			48.00	0.00	0.00	35.67	3.26	7.80	11.06
0.26	0.03	0.230							
G013012			48.00	0.00	0.00	35.47	3.26	8.00	11.26
0.16	0.02	0.235							
G013016_1			48.00	0.00	0.00	35.72	3.26	7.76	11.01
0.22	0.03	0.229							
G013016_2			48.00	0.00	0.00	35.49	3.26	7.99	11.24
0.17	0.02	0.234							
G013024			48.00	0.00	0.00	35.49	3.26	7.98	11.23
0.25	0.03	0.234							
G013031			48.00	0.00	0.00	35.49	3.26	7.98	11.24
0.27	0.03	0.234							
G013032			48.00	0.00	0.00	35.41	3.26	8.07	11.32
0.19	0.03	0.236							
G013033			48.00	0.00	0.00	35.54	3.26	7.95	11.21
0.32	0.04	0.233							
G013037			48.00	0.00	0.00	35.38	3.26	8.10	11.36
0.25	0.03	0.237							
G013042			48.00	0.00	0.00	35.52	3.26	7.95	11.21
0.16	0.02	0.234							
G013043			48.00	0.00	0.00	35.32	3.26	8.16	11.41
0.23	0.03	0.238							
G013045			48.00	0.00	0.00	35.45	3.26	8.03	11.29
0.21	0.03	0.235							
G014001			48.00	0.00	0.00	35.76	3.26	7.73	10.98
0.37	0.04	0.229							
G015001_1			48.00	0.00	0.00	35.47	3.26	8.00	11.25
0.14	0.02	0.234							
G015001_2			48.00	0.00	0.00	35.78	3.26	7.69	10.94
0.14	0.02	0.228							
G015003_1			48.00	0.00	0.00	35.54	3.26	7.94	11.20
0.18	0.02	0.233							
G015003_2			48.00	0.00	0.00	35.38	3.26	8.09	11.35
0.14	0.02	0.236							
G016003_1			48.00	0.00	0.00	35.52	3.26	7.97	11.23
0.11	0.01	0.234							
G016003_2			48.00	0.00	0.00	35.69	3.26	7.79	11.05
0.18	0.02	0.230							
S1			48.00	0.00	0.00	35.32	3.26	8.18	11.43
0.05	0.01	0.238							
S1_1			48.00	0.00	0.00	35.34	3.26	8.14	11.40
0.02	0.00	0.238							
S1_10			48.00	0.00	0.00	35.27	3.26	8.22	11.48
0.01	0.00	0.239							
S1_2			48.00	0.00	0.00	35.18	3.26	8.31	11.57
0.02	0.00	0.241							
S1_3			48.00	0.00	0.00	35.69	3.26	7.78	11.04
0.08	0.01	0.230							
S1_4			48.00	0.00	0.00	35.69	3.26	7.79	11.05
0.05	0.01	0.230							
S1_5			48.00	0.00	0.00	35.43	3.26	8.06	11.31
0.04	0.00	0.236							
S1_6			48.00	0.00	0.00	35.43	3.26	8.06	11.31
0.03	0.00	0.236							
S1_7			48.00	0.00	0.00	35.49	3.26	7.98	11.24
0.05	0.01	0.234							
S1_8			48.00	0.00	0.00	35.69	3.26	7.78	11.04
0.03	0.00	0.230							
S10			48.00	0.00	0.00	35.25	3.26	8.23	11.49
0.10	0.01	0.239							
S101_2			48.00	0.00	0.00	35.49	3.26	7.99	11.25
0.12	0.01	0.234							
S102			48.00	0.00	0.00	35.47	3.26	8.00	11.26

S11			48.00	0.00	0.00	35.58	3.26	7.91	11.16
0.12	0.02	0.233							
S112			48.00	0.00	0.00	35.36	3.26	8.12	11.38
0.06	0.01	0.237							
S113			48.00	0.00	0.00	35.38	3.26	8.11	11.37
0.07	0.01	0.237							
S115_2			48.00	0.00	0.00	5.28	37.39	3.95	41.33
0.00	0.00	0.861							
S130			48.00	0.00	0.00	35.32	3.26	8.17	11.43
0.07	0.01	0.238							
S132			48.00	0.00	0.00	35.54	3.26	7.94	11.20
0.13	0.02	0.233							
S137			48.00	0.00	0.00	35.76	3.26	7.72	10.98
0.24	0.03	0.229							
S15_4			48.00	0.00	0.00	35.18	3.26	8.32	11.57
0.02	0.00	0.241							
S16			48.00	0.00	0.00	35.38	3.26	8.10	11.36
0.07	0.01	0.237							
S18			48.00	0.00	0.00	35.32	3.26	8.17	11.43
0.06	0.01	0.238							
S19			48.00	0.00	0.00	35.32	3.26	8.16	11.41
0.07	0.01	0.238							
S2			48.00	0.00	0.00	35.32	3.26	8.18	11.43
0.05	0.01	0.238							
S2_13			48.00	0.00	0.00	5.28	37.21	4.05	41.25
0.01	0.00	0.859							
S2_14			48.00	0.00	0.00	5.28	37.21	4.05	41.25
0.01	0.00	0.859							
S2_15			48.00	0.00	0.00	35.65	3.26	7.83	11.08
0.02	0.00	0.231							
S2_16			48.00	7.06	0.00	35.47	3.75	14.58	18.33
0.10	0.02	0.333							
S2_18			48.00	0.00	0.00	35.12	3.26	8.40	11.66
0.02	0.00	0.243							
S2_19			48.00	0.00	0.00	35.07	3.26	8.46	11.72
0.01	0.00	0.244							
S2_20			48.00	0.00	0.00	35.12	3.26	8.39	11.65
0.02	0.00	0.243							
S2_22			48.00	0.00	0.00	35.80	3.26	7.68	10.94
0.01	0.00	0.228							
S2_23			48.00	0.00	0.00	35.41	3.26	8.08	11.34
0.04	0.00	0.236							
S2_24			48.00	0.00	0.00	35.78	3.26	7.69	10.95
0.00	0.00	0.228							
S2_25			48.00	0.00	0.00	35.60	3.26	7.88	11.14
0.00	0.00	0.232							
S2_26			48.00	0.00	0.00	35.85	3.26	7.62	10.88
0.00	0.00	0.227							
S2_30			48.00	0.00	0.00	5.28	37.21	4.05	41.25
0.01	0.00	0.859							
S2_31			48.00	0.00	0.00	5.28	37.21	4.05	41.25
0.01	0.00	0.859							
S2_32			48.00	0.00	0.00	5.28	37.21	4.05	41.25
0.01	0.00	0.859							
S2_34			48.00	0.00	0.00	5.28	37.21	4.05	41.25
0.01	0.00	0.859							
S2_35			48.00	0.00	0.00	5.28	37.21	4.05	41.25
0.01	0.00	0.859							
S2_36			48.00	0.00	0.00	5.28	37.23	4.03	41.27
0.02	0.01	0.860							
S2_37			48.00	0.00	0.00	5.28	37.21	4.05	41.25
0.01	0.00	0.859							
S2_38			48.00	0.00	0.00	5.28	37.21	4.05	41.25
0.01	0.00	0.859							
S2_39			48.00	0.00	0.00	5.28	37.21	4.05	41.25
0.01	0.01	0.859							
S2_4			48.00	0.00	0.00	5.28	37.37	3.90	41.27
0.01	0.00	0.860							
S2_40			48.00	0.00	0.00	5.28	37.21	4.05	41.25
0.01	0.00	0.859							
S2_41			48.00	0.00	0.00	5.28	37.21	4.05	41.25
0.01	0.00	0.859							
S20_1			48.00	0.00	0.00	0.00	46.73	0.00	46.73
0.28	0.10	0.973							
S20_10			48.00	0.00	0.00	0.00	46.73	0.00	46.73
0.28	0.10	0.973							
S20_11			48.00	0.00	0.00	0.00	46.73	0.00	46.73
0.34	0.12	0.973							
S20_12			48.00	0.00	0.00	5.28	37.37	3.91	41.29
0.02	0.01	0.860							
S20_13			48.00	0.00	0.00	0.00	46.73	0.00	46.73
0.37	0.13	0.973							
S20_2			48.00	0.00	0.00	5.28	37.39	3.94	41.32
0.05	0.02	0.861							
S20_3			48.00	0.00	0.00	0.00	46.73	0.00	46.73
0.47	0.17	0.973							
S20_6			48.00	0.00	0.00	5.28	37.39	3.94	41.32
0.04	0.02	0.861							

S20_7			48.00	0.00	0.00	0.00	46.73	0.00	46.73
0.07	0.03	0.973							
S20_8			48.00	0.00	0.00	0.00	46.73	0.00	46.73
0.36	0.13	0.973							
S20_9			48.00	0.00	0.00	0.00	46.73	0.00	46.73
0.28	0.10	0.973							
S22_4			48.00	0.00	0.00	5.28	37.36	3.97	41.34
0.01	0.01	0.861							
S22_5			48.00	0.00	0.00	5.28	37.36	3.97	41.34
0.02	0.01	0.861							
S23			48.00	0.00	0.00	35.80	3.26	7.66	10.92
0.27	0.03	0.228							
S25			48.00	0.00	0.00	35.60	3.26	7.87	11.12
0.14	0.02	0.232							
S29			48.00	0.00	0.00	35.38	3.26	8.09	11.35
0.06	0.01	0.236							
S3			48.00	6.83	0.00	35.98	3.74	13.85	17.58
0.23	0.02	0.321							
S33			48.00	0.00	0.00	35.63	3.26	7.86	11.11
0.15	0.02	0.232							
S34			48.00	0.00	0.00	35.43	3.26	8.06	11.32
0.17	0.02	0.236							
S36			48.00	0.00	0.00	35.43	3.26	8.06	11.32
0.16	0.02	0.236							
S37_2			48.00	0.00	0.00	35.52	3.26	7.96	11.22
0.14	0.02	0.234							
S4			48.00	0.00	0.00	35.34	3.26	8.14	11.40
0.02	0.00	0.237							
S44_3			48.00	0.00	0.00	35.38	3.26	8.11	11.36
0.08	0.01	0.237							
S45			48.00	0.00	0.00	35.21	3.26	8.29	11.54
0.05	0.01	0.240							
S48_1			48.00	0.00	0.00	35.52	3.26	7.95	11.21
0.14	0.02	0.234							
S5			48.00	0.00	0.00	35.41	3.26	8.08	11.34
0.30	0.04	0.236							
S51			48.00	0.00	0.00	35.63	3.26	7.85	11.11
0.16	0.02	0.231							
S54			48.00	0.00	0.00	35.32	3.26	8.18	11.43
0.07	0.01	0.238							
S56_1			48.00	0.00	0.00	35.12	3.26	8.39	11.65
0.03	0.01	0.243							
S6			48.00	0.00	0.00	35.41	3.26	8.09	11.34
0.09	0.01	0.236							
S61			48.00	0.00	0.00	35.74	3.26	7.74	10.99
0.09	0.01	0.229							
S63_2			48.00	0.00	0.00	35.32	3.26	8.18	11.43
0.04	0.01	0.238							
S63_3			48.00	0.00	0.00	35.21	3.26	8.28	11.54
0.04	0.01	0.240							
S65			48.00	0.00	0.00	35.89	3.26	7.59	10.85
0.10	0.01	0.226							
S69			48.00	0.00	0.00	35.74	3.26	7.74	11.00
0.14	0.02	0.229							
S7			48.00	0.00	0.00	5.28	37.39	3.94	41.33
0.20	0.07	0.861							
S76_3			48.00	0.00	0.00	35.41	3.26	8.07	11.33
0.09	0.01	0.236							
S77			48.00	0.00	0.00	35.45	3.26	8.04	11.29
0.06	0.01	0.235							
S8			48.00	0.00	0.00	5.28	37.39	3.94	41.32
0.13	0.05	0.861							
S80_3			48.00	0.00	0.00	5.28	37.39	3.93	41.32
0.01	0.00	0.861							
S88_2			48.00	0.00	0.00	35.56	3.26	7.93	11.18
0.11	0.01	0.233							
S88_3			48.00	0.00	0.00	5.28	37.39	3.95	41.33
0.03	0.01	0.861							
S9_1			48.00	0.00	0.00	35.18	3.26	8.33	11.58
0.04	0.01	0.241							
S9_10			48.00	0.00	0.00	5.28	37.21	4.05	41.25
0.01	0.00	0.859							
S9_2			48.00	0.00	0.00	35.32	3.26	8.18	11.43
0.02	0.00	0.238							
S9_3			48.00	0.00	0.00	35.32	3.26	8.18	11.43
0.03	0.00	0.238							
S9_4			48.00	7.91	0.00	35.18	3.81	15.75	19.56
0.03	0.01	0.350							
S9_5			48.00	0.00	0.00	35.25	3.26	8.25	11.50
0.03	0.01	0.240							
S9_6			48.00	6.14	0.00	35.58	3.69	13.63	17.31
0.04	0.01	0.320							
S9_7			48.00	9.48	0.00	35.78	3.92	16.52	20.44
0.03	0.00	0.356							
S9_8			48.00	0.00	0.00	5.28	37.21	4.05	41.25
0.01	0.00	0.859							
S9_9			48.00	0.00	0.00	5.28	37.21	4.05	41.25
0.02	0.01	0.859							

S90			48.00	0.00	0.00	35.54	3.26	7.95	11.20
0.06	0.01	0.233							
S91_1			48.00	0.00	0.00	5.28	37.39	3.94	41.33
0.02	0.01	0.861							
S91_2			48.00	0.00	0.00	35.21	3.26	8.29	11.55
0.03	0.00	0.241							
S92			48.00	0.00	0.00	35.47	3.26	8.01	11.26
0.08	0.01	0.235							

Node Depth Summary

Node	Type	Average	Maximum	Maximum	Time of Max		Reported
		Depth	Depth	HGL	Occurrence		Max Depth
		Meters	Meters	Meters	days	hr:min	Meters
16017	JUNCTION	0.11	0.33	93.76	0	14:38	0.33
16094	JUNCTION	0.00	0.00	92.18	0	00:00	0.00
16130	JUNCTION	0.12	0.34	93.76	0	14:36	0.34
25010	JUNCTION	0.02	0.08	94.48	0	12:17	0.08
25025	JUNCTION	0.03	0.13	94.77	0	12:15	0.13
26419	JUNCTION	0.00	0.00	94.00	0	00:00	0.00
26456	JUNCTION	0.11	0.22	94.45	0	12:16	0.22
26578	JUNCTION	0.00	0.00	95.36	0	00:00	0.00
DDJ01	JUNCTION	0.03	0.09	100.47	0	13:49	0.09
DDJ02	JUNCTION	0.04	0.13	100.16	0	12:06	0.13
DDJ03	JUNCTION	0.03	0.13	100.04	0	12:06	0.13
DDJ04	JUNCTION	0.03	0.13	99.82	0	12:08	0.13
DDJ05	JUNCTION	0.04	0.14	99.52	0	12:09	0.14
DDJ06	JUNCTION	0.03	0.11	99.33	0	12:12	0.11
DDJ07	JUNCTION	0.03	0.12	98.50	0	12:13	0.12
DDJ08	JUNCTION	0.03	0.12	98.14	0	12:15	0.12
DDJ09	JUNCTION	0.03	0.13	97.98	0	12:16	0.13
DDJ10	JUNCTION	0.03	0.11	97.80	0	12:17	0.11
DDJ11	JUNCTION	0.03	0.11	97.57	0	12:17	0.11
DDJ12	JUNCTION	0.04	0.14	97.41	0	12:17	0.14
DDJ13	JUNCTION	0.03	0.11	97.14	0	12:19	0.11
DDJ14	JUNCTION	0.04	0.12	96.39	0	12:23	0.12
J101	JUNCTION	0.02	0.07	99.13	0	12:13	0.07
J117	JUNCTION	0.04	0.12	100.57	0	12:04	0.12
J14	JUNCTION	0.04	0.13	92.19	0	12:33	0.13
J152	JUNCTION	0.00	0.04	102.63	0	12:00	0.04
J160	JUNCTION	0.01	0.05	103.59	0	12:00	0.05
J17	JUNCTION	0.05	0.18	92.91	0	12:33	0.18
J2	JUNCTION	0.06	0.26	93.76	0	14:35	0.26
J24	JUNCTION	0.00	0.00	96.89	0	00:00	0.00
J253	JUNCTION	0.01	0.06	102.25	0	12:02	0.06
J259	JUNCTION	0.01	0.08	99.40	0	12:11	0.08
J26	JUNCTION	0.01	0.16	98.07	0	12:00	0.16
J274	JUNCTION	0.03	0.09	91.47	0	12:33	0.09
J276	JUNCTION	0.02	0.08	96.34	0	12:04	0.08
J28	JUNCTION	0.01	0.08	100.40	0	12:03	0.08
J29	JUNCTION	0.03	0.22	101.27	0	12:01	0.22
J3	JUNCTION	0.01	0.06	102.36	0	12:00	0.06
J30	JUNCTION	0.02	0.17	101.47	0	12:00	0.17
J31	JUNCTION	0.01	0.11	101.92	0	12:00	0.11
J32	JUNCTION	0.01	0.08	102.16	0	12:00	0.08
J33	JUNCTION	0.04	0.17	95.06	0	12:30	0.17
J34	JUNCTION	0.00	0.05	102.55	0	12:00	0.05
J35	JUNCTION	0.10	0.26	95.03	0	12:31	0.26
J36	JUNCTION	0.01	0.03	94.55	0	12:16	0.03
J38	JUNCTION	0.51	0.70	97.40	0	17:24	0.70
J39	JUNCTION	0.03	0.45	97.97	0	12:00	0.45
J43	JUNCTION	0.03	0.12	94.93	0	12:32	0.12
J46	JUNCTION	0.00	0.04	98.28	0	12:00	0.04
J47	JUNCTION	0.09	0.40	97.60	0	12:00	0.40
J48	JUNCTION	0.01	0.12	98.40	0	12:00	0.12
J49	JUNCTION	0.00	0.07	101.07	0	12:00	0.07
J5	JUNCTION	0.02	0.12	91.92	0	12:33	0.12
J50	JUNCTION	0.00	0.06	98.89	0	12:00	0.06
J51	JUNCTION	0.02	0.51	98.81	0	12:00	0.51
J52	JUNCTION	0.01	0.10	100.10	0	12:00	0.10
J53	JUNCTION	0.00	0.03	97.14	0	12:00	0.03
J54	JUNCTION	0.01	0.22	99.31	0	12:00	0.22
J55	JUNCTION	0.01	0.18	98.82	0	12:00	0.18
J56	JUNCTION	0.02	0.41	98.01	0	12:00	0.41
J58	JUNCTION	0.00	0.02	99.60	0	12:00	0.02
J59	JUNCTION	0.00	0.03	99.13	0	12:00	0.03
J60	JUNCTION	0.00	0.05	98.56	0	12:00	0.05
J61	JUNCTION	0.01	0.10	98.41	0	12:00	0.10
J62	JUNCTION	0.00	0.03	102.03	0	12:00	0.03

J63	JUNCTION	0.01	0.06	99.66	0	12:00	0.06
J64	JUNCTION	0.03	0.10	97.60	0	12:01	0.10
J65	JUNCTION	0.01	0.06	99.21	0	12:00	0.06
J66	JUNCTION	0.01	0.05	98.45	0	12:01	0.05
J67	JUNCTION	0.01	0.08	96.08	0	12:01	0.08
J68	JUNCTION	0.02	0.15	95.00	0	12:02	0.15
J69	JUNCTION	0.03	0.22	94.86	0	12:03	0.22
J70	JUNCTION	0.01	0.10	99.57	0	12:00	0.10
J71	JUNCTION	0.01	0.09	98.09	0	12:00	0.09
J72	JUNCTION	0.01	0.12	97.68	0	12:00	0.12
J73	JUNCTION	0.00	0.00	99.79	0	00:00	0.00
J8	JUNCTION	0.04	0.15	90.66	0	12:35	0.15
J80	JUNCTION	0.02	0.08	98.16	0	12:18	0.08
J87	JUNCTION	0.00	0.08	100.06	0	12:00	0.08
J88	JUNCTION	0.01	0.11	101.71	0	12:01	0.11
J89	JUNCTION	0.01	0.36	98.01	0	12:00	0.36
J9	JUNCTION	0.02	0.27	97.90	0	12:00	0.27
J90	JUNCTION	0.00	0.00	102.50	0	00:00	0.00
J92	JUNCTION	0.01	0.09	98.37	0	12:16	0.09
J93	JUNCTION	0.01	0.09	99.29	0	12:01	0.09
J94	JUNCTION	0.02	0.25	98.07	0	12:00	0.25
PDDJ01	JUNCTION	0.07	0.09	96.76	0	17:24	0.09
PDDJ02	JUNCTION	0.08	0.09	96.74	0	17:25	0.09
PDDJ03	JUNCTION	0.07	0.09	96.70	0	17:26	0.09
PDDJ04	JUNCTION	0.07	0.09	96.61	0	16:01	0.09
PDDJ05	JUNCTION	0.08	0.09	96.39	0	12:30	0.09
PDDJ06	JUNCTION	0.10	0.12	96.30	0	12:31	0.12
PDDJ07	JUNCTION	0.05	0.08	96.13	0	12:01	0.08
PDDJ08	JUNCTION	0.07	0.12	95.62	0	12:02	0.12
PDDJ09	JUNCTION	0.08	0.15	95.44	0	12:02	0.15
PDDJ10	JUNCTION	0.04	0.09	95.24	0	12:02	0.09
PDDJ11	JUNCTION	0.08	0.16	94.46	0	12:16	0.16
T009007	JUNCTION	0.00	0.00	100.64	0	00:00	0.00
T012001	JUNCTION	0.01	0.03	101.03	0	12:00	0.03
T013002	JUNCTION	0.03	0.08	100.72	0	13:48	0.08
T013003	JUNCTION	0.03	0.07	100.89	0	13:46	0.07
T013006	JUNCTION	0.02	0.06	101.41	0	13:43	0.06
T013007	JUNCTION	0.03	0.08	101.74	0	13:59	0.08
T013012	JUNCTION	0.03	0.07	103.54	0	14:00	0.07
T013016	JUNCTION	0.07	0.14	103.59	0	14:13	0.14
T013019	JUNCTION	0.02	0.05	104.50	0	14:13	0.05
T013020	JUNCTION	0.04	0.08	104.86	0	14:11	0.08
T013021	JUNCTION	0.01	0.04	105.16	0	14:09	0.04
T013022	JUNCTION	0.04	0.10	105.55	0	14:07	0.10
T013023	JUNCTION	0.03	0.07	105.86	0	14:05	0.07
T013024	JUNCTION	0.02	0.07	106.19	0	14:04	0.07
T013025	JUNCTION	0.02	0.06	106.35	0	14:06	0.06
T013031	JUNCTION	0.02	0.05	107.37	0	14:01	0.05
T013032	JUNCTION	0.03	0.07	107.78	0	14:07	0.07
T013033	JUNCTION	0.02	0.05	108.31	0	13:51	0.05
T013037	JUNCTION	0.02	0.06	108.60	0	13:51	0.06
T013042	JUNCTION	0.04	0.08	108.60	0	13:57	0.08
T013044	JUNCTION	0.03	0.07	108.60	0	13:55	0.07
T013045	JUNCTION	0.03	0.06	108.60	0	13:54	0.06
T014001	JUNCTION	0.03	0.09	103.57	0	12:00	0.09
T015001	JUNCTION	0.02	0.06	104.60	0	13:30	0.06
T015003	JUNCTION	0.02	0.05	106.19	0	12:04	0.05
T016001	JUNCTION	0.02	0.05	108.67	0	12:21	0.05
T016003	JUNCTION	0.02	0.06	108.83	0	12:00	0.06
T043003	JUNCTION	0.03	0.07	101.24	0	13:44	0.07
OF-A	OUTFALL	0.01	0.07	91.57	0	12:33	0.07
OF-B	OUTFALL	0.07	0.22	93.45	0	14:36	0.22
OF-C	OUTFALL	0.08	0.16	94.31	0	12:16	0.16
OF-EX	OUTFALL	0.02	0.08	89.70	0	12:35	0.08
SU1	STORAGE	1.72	1.91	97.41	0	17:24	1.91

Node Inflow Summary

		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
Node	Type							
16017	JUNCTION	0.018	0.046	0	12:25	0.143	0.269	0.423
16094	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
16130	JUNCTION	0.023	0.218	0	12:23	0.172	6.21	0.211
25010	JUNCTION	0.006	0.033	0	12:15	0.0425	0.454	0.013
25025	JUNCTION	0.010	0.051	0	12:01	0.0589	0.412	0.090
26419	JUNCTION	0.000	0.000	0	00:00	0	0	0.000

26456	JUNCTION	0.000	0.067	0	12:14	0	2.66	0.136
26578	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
DDJ01	JUNCTION	0.000	0.130	0	13:48	0	3.88	0.011
DDJ02	JUNCTION	0.000	0.154	0	12:05	0	4.41	0.010
DDJ03	JUNCTION	0.023	0.184	0	12:02	0.176	4.92	0.037
DDJ04	JUNCTION	0.022	0.184	0	12:07	0.163	5.08	0.017
DDJ05	JUNCTION	0.013	0.187	0	12:09	0.0985	5.18	0.015
DDJ06	JUNCTION	0.007	0.190	0	12:10	0.0483	5.23	0.016
DDJ07	JUNCTION	0.013	0.194	0	12:12	0.082	5.31	0.020
DDJ08	JUNCTION	0.000	0.194	0	12:14	0	5.31	0.010
DDJ09	JUNCTION	0.004	0.195	0	12:15	0.0286	5.33	0.007
DDJ10	JUNCTION	0.000	0.195	0	12:16	0	5.33	0.005
DDJ11	JUNCTION	0.000	0.195	0	12:17	0	5.33	0.005
DDJ12	JUNCTION	0.003	0.197	0	12:17	0.0226	5.36	0.004
DDJ13	JUNCTION	0.000	0.197	0	12:18	0	5.35	0.014
DDJ14	JUNCTION	0.022	0.212	0	12:19	0.139	5.63	-0.057
J101	JUNCTION	0.017	0.068	0	12:12	0.14	0.99	0.017
J117	JUNCTION	0.017	0.071	0	12:00	0.136	0.706	0.066
J14	JUNCTION	0.009	0.134	0	12:32	0.0692	2.43	0.008
J152	JUNCTION	0.017	0.017	0	12:00	0.133	0.133	-0.011
J160	JUNCTION	0.039	0.039	0	12:00	0.308	0.308	-0.011
J17	JUNCTION	0.018	0.130	0	12:31	0.127	2.36	0.018
J2	JUNCTION	0.000	0.027	0	12:19	0	0.134	0.152
J24	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J253	JUNCTION	0.018	0.070	0	12:00	0.129	0.57	-0.020
J259	JUNCTION	0.019	0.070	0	12:02	0.146	0.851	0.073
J26	JUNCTION	0.001	0.039	0	12:00	0.00794	0.175	0.026
J274	JUNCTION	0.015	0.140	0	12:32	0.0954	2.53	0.002
J276	JUNCTION	0.009	0.095	0	12:01	0.0517	1.46	0.014
J28	JUNCTION	0.000	0.072	0	12:02	0	0.525	0.002
J29	JUNCTION	0.007	0.077	0	12:00	0.0197	0.525	0.004
J3	JUNCTION	0.014	0.014	0	12:00	0.113	0.113	-0.002
J30	JUNCTION	0.037	0.073	0	12:00	0.302	0.505	-0.016
J31	JUNCTION	0.013	0.034	0	12:00	0.0499	0.189	-0.005
J32	JUNCTION	0.009	0.023	0	12:00	0.0262	0.139	-0.002
J33	JUNCTION	0.038	0.113	0	12:00	0.294	1.76	0.056
J34	JUNCTION	0.010	0.010	0	12:00	0.0501	0.0501	-0.015
J35	JUNCTION	0.018	0.109	0	12:29	0.151	1.91	0.177
J36	JUNCTION	0.000	0.029	0	12:15	0	0.411	0.003
J38	JUNCTION	0.000	0.017	0	17:23	0	2	0.005
J39	JUNCTION	0.025	0.665	0	12:00	0.072	2.03	-0.001
J43	JUNCTION	0.041	0.122	0	12:30	0.334	2.24	-0.000
J46	JUNCTION	0.004	0.020	0	12:00	0.0104	0.0647	-0.006
J47	JUNCTION	0.096	0.852	0	12:00	0.276	2.59	0.020
J48	JUNCTION	0.099	0.099	0	12:00	0.284	0.284	-0.018
J49	JUNCTION	0.046	0.046	0	12:00	0.131	0.131	-0.008
J5	JUNCTION	0.041	0.041	0	12:00	0.302	0.302	0.105
J50	JUNCTION	0.018	0.063	0	12:00	0.0514	0.183	-0.001
J51	JUNCTION	0.118	0.391	0	12:00	0.339	1.13	-0.005
J52	JUNCTION	0.071	0.071	0	12:00	0.203	0.203	-0.012
J53	JUNCTION	0.018	0.018	0	12:00	0.141	0.141	-0.040
J54	JUNCTION	0.015	0.086	0	12:00	0.0442	0.248	0.011
J55	JUNCTION	0.126	0.211	0	12:00	0.361	0.608	-0.010
J56	JUNCTION	0.097	0.257	0	12:00	0.279	0.825	0.004
J58	JUNCTION	0.007	0.007	0	12:00	0.0198	0.0198	-0.033
J59	JUNCTION	0.003	0.010	0	12:00	0.0117	0.0316	0.005
J60	JUNCTION	0.004	0.014	0	12:00	0.0134	0.045	-0.017
J61	JUNCTION	0.003	0.017	0	12:00	0.00937	0.0544	0.032
J62	JUNCTION	0.003	0.012	0	12:00	0.0233	0.0734	0.007
J63	JUNCTION	0.005	0.017	0	12:00	0.0154	0.0888	-0.007
J64	JUNCTION	0.030	0.089	0	12:00	0.233	1.41	-0.003
J65	JUNCTION	0.004	0.020	0	12:00	0.0279	0.117	-0.006
J66	JUNCTION	0.003	0.022	0	12:00	0.0252	0.142	0.006
J67	JUNCTION	0.011	0.033	0	12:00	0.0659	0.208	-0.004
J68	JUNCTION	0.016	0.045	0	12:00	0.097	0.305	-0.017
J69	JUNCTION	0.009	0.048	0	12:00	0.048	0.353	0.002
J70	JUNCTION	0.000	0.071	0	12:00	0	0.203	0.004
J71	JUNCTION	0.018	0.038	0	12:00	0.102	0.167	0.005
J72	JUNCTION	0.000	0.098	0	12:00	0	0.284	-0.019
J73	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J8	JUNCTION	0.016	0.146	0	12:32	0.125	2.65	0.020
J80	JUNCTION	0.010	0.073	0	12:17	0.0856	1.18	0.024
J87	JUNCTION	0.000	0.046	0	12:00	0	0.131	0.005
J88	JUNCTION	0.005	0.038	0	12:00	0.0141	0.203	0.019
J89	JUNCTION	0.000	0.164	0	12:00	0	0.546	0.034
J9	JUNCTION	0.000	0.099	0	12:00	0	0.284	0.019
J90	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J92	JUNCTION	0.012	0.071	0	12:02	0.101	1.09	0.012
J93	JUNCTION	0.000	0.017	0	12:00	0	0.0888	0.011
J94	JUNCTION	0.129	0.166	0	12:00	0.371	0.546	-0.040

PDDJ01	JUNCTION	0.000	0.017	0	17:24	0	2	0.007
PDDJ02	JUNCTION	0.000	0.017	0	17:24	0	2	0.049
PDDJ03	JUNCTION	0.000	0.017	0	17:25	0	2	0.039
PDDJ04	JUNCTION	0.002	0.017	0	16:00	0.00847	2.01	0.095
PDDJ05	JUNCTION	0.004	0.017	0	12:30	0.0193	2.03	0.121
PDDJ06	JUNCTION	0.004	0.020	0	12:01	0.0179	2.04	0.153
PDDJ07	JUNCTION	0.012	0.029	0	12:00	0.0654	2.1	0.063
PDDJ08	JUNCTION	0.011	0.039	0	12:00	0.0391	2.14	0.069
PDDJ09	JUNCTION	0.006	0.043	0	12:01	0.0451	2.19	0.073
PDDJ10	JUNCTION	0.004	0.046	0	12:02	0.0247	2.21	0.031
PDDJ11	JUNCTION	0.000	0.070	0	12:04	0	2.66	0.098
T009007	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T012001	JUNCTION	0.040	0.040	0	12:00	0.334	0.334	-0.295
T013002	JUNCTION	0.000	0.130	0	13:46	0	3.88	0.017
T013003	JUNCTION	0.000	0.130	0	13:44	0	3.89	0.058
T013006	JUNCTION	0.013	0.130	0	13:43	0.106	3.89	0.016
T013007	JUNCTION	0.032	0.126	0	13:53	0.26	3.79	0.081
T013012	JUNCTION	0.021	0.118	0	13:58	0.163	3.54	0.307
T013016	JUNCTION	0.048	0.080	0	14:00	0.388	2.42	0.154
T013019	JUNCTION	0.000	0.069	0	14:11	0	2.04	0.225
T013020	JUNCTION	0.000	0.069	0	14:09	0	2.04	0.276
T013021	JUNCTION	0.000	0.069	0	14:08	0	2.04	0.028
T013022	JUNCTION	0.000	0.069	0	14:05	0	2.04	0.091
T013023	JUNCTION	0.000	0.069	0	14:04	0	2.04	0.025
T013024	JUNCTION	0.032	0.069	0	14:00	0.248	2.05	0.229
T013025	JUNCTION	0.000	0.062	0	14:01	0	1.81	0.661
T013031	JUNCTION	0.034	0.062	0	14:00	0.267	1.82	0.179
T013032	JUNCTION	0.025	0.055	0	13:42	0.19	1.56	0.664
T013033	JUNCTION	0.040	0.049	0	13:30	0.32	1.38	0.802
T013037	JUNCTION	0.034	0.041	0	12:00	0.248	1.09	1.840
T013042	JUNCTION	0.020	0.035	0	12:00	0.157	0.58	5.737
T013044	JUNCTION	0.034	0.052	0	12:00	0.234	0.44	5.414
T013045	JUNCTION	0.028	0.028	0	12:00	0.21	0.21	1.950
T014001	JUNCTION	0.044	0.044	0	12:00	0.367	0.367	0.027
T015001	JUNCTION	0.035	0.049	0	12:00	0.281	0.596	0.611
T015003	JUNCTION	0.041	0.041	0	12:00	0.316	0.316	0.264
T016001	JUNCTION	0.000	0.037	0	12:02	0	0.296	2.467
T016003	JUNCTION	0.037	0.037	0	12:00	0.297	0.297	0.305
T043003	JUNCTION	0.000	0.130	0	13:43	0	3.89	0.034
OF-A	OUTFALL	0.000	0.017	0	12:33	0	0.302	0.000
OF-B	OUTFALL	0.000	0.181	0	14:36	0	5.94	0.000
OF-C	OUTFALL	0.000	0.067	0	12:16	0	2.66	0.000
OF-EX	OUTFALL	0.023	0.156	0	12:34	0.249	2.9	0.000
SU1	STORAGE	0.165	1.014	0	12:00	0.475	6.32	0.028

Node Surcharge Summary

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

Node	Type	Hours Surcharged	Max. Height	Min. Depth
			Above Crown Meters	Below Rim Meters
T009007	JUNCTION	48.00	0.000	0.000

Node Flooding Summary

No nodes were flooded.

Storage Volume Summary

Storage Unit	Average	Avg	Evap	Exfil	Maximum	Max	Time of Max Occurrence days hr:min	Maximum
	Volume 1000 m³	Pcnt Full	Pcnt Loss	Pcnt Loss	Volume 1000 m³	Pcnt Full		Outflow CMS
SU1	4.793	43.7	0.0	0.0	5.548	50.6	0 17:24	0.017

Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 10^6 ltr
OF-A	64.86	0.003	0.017	0.302
OF-B	95.30	0.039	0.181	5.938
OF-C	96.47	0.017	0.067	2.656
OF-EX	99.82	0.018	0.156	2.900
System	89.11	0.078	0.338	11.797

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
AR02_HDPE450	CONDUIT	0.016	0 12:00	1.05	0.06	0.16
AR1_HDPE600	CONDUIT	0.029	0 12:15	1.22	0.05	0.14
C10	CONDUIT	0.016	0 12:00	0.16	0.01	0.08
C100	CHANNEL	0.134	0 12:33	0.61	0.01	0.15
C101	CHANNEL	0.140	0 12:33	0.52	0.01	0.14
C103	CHANNEL	0.145	0 12:35	0.43	0.10	0.31
C129	CONDUIT	0.014	0 12:00	0.16	0.01	0.15
C130	CONDUIT	0.012	0 12:00	0.25	0.00	0.03
C131	CONDUIT	0.851	0 12:00	1.85	0.05	0.33
C132_1	CONDUIT	0.017	0 12:00	0.20	0.00	0.04
C132_2	CONDUIT	0.016	0 12:01	0.19	0.01	0.07
C133	CONDUIT	0.020	0 12:01	0.31	0.00	0.06
C134	CONDUIT	0.022	0 12:01	0.30	0.01	0.08
C135	CONDUIT	0.031	0 12:01	0.23	0.01	0.11
C136	CONDUIT	0.041	0 12:02	0.17	0.02	0.18
C137	CONDUIT	0.045	0 12:03	0.20	0.16	0.17
C1450_1	CHANNEL	0.023	0 13:30	0.16	0.00	0.09
C20	CONDUIT	0.017	0 12:00	0.16	0.02	0.24
C25_3	CHANNEL	0.000	0 00:00	0.00	0.00	0.27
C26_1	CONDUIT	0.000	0 00:00	0.00	0.00	0.11
C26_2	CONDUIT	0.013	0 12:00	0.16	0.06	0.25
C26_5	CONDUIT	0.009	0 12:00	0.22	0.00	0.06
C30	CONDUIT	0.000	0 00:00	0.00	0.00	0.00
C30_3	CONDUIT	0.000	0 00:00	0.00	0.00	0.15
C36	CONDUIT	0.022	0 12:00	0.18	0.05	0.22
C45	CONDUIT	0.037	0 12:00	0.33	0.01	0.09
C46_1	CONDUIT	0.033	0 12:00	0.24	0.05	0.21
C46_2	CONDUIT	0.037	0 12:01	0.21	0.03	0.20
C47	CONDUIT	0.070	0 12:00	0.26	0.08	0.32
C50	CONDUIT	0.072	0 12:02	0.37	0.08	0.25
C57	CHANNEL	0.058	0 12:02	0.23	0.06	0.36
C60	CONDUIT	0.071	0 12:03	0.22	0.02	0.15
C70	CHANNEL	0.061	0 12:05	0.44	0.00	0.10
C72	CONDUIT	0.007	0 12:00	0.27	0.00	0.03
C75	CONDUIT	0.063	0 12:11	0.38	0.01	0.08
C80	CONDUIT	0.010	0 12:00	0.25	0.00	0.05
C81	CHANNEL	0.068	0 12:13	0.28	0.27	0.64
C86	CONDUIT	0.070	0 12:17	0.38	0.01	0.08
C87	CHANNEL	0.073	0 12:18	0.28	0.01	0.15
C89	CHANNEL	0.088	0 12:01	0.64	0.01	0.14
C91	CHANNEL	0.089	0 12:04	0.30	0.01	0.15
C93	CHANNEL	0.101	0 12:28	0.21	0.04	0.29
C95	CHANNEL	0.108	0 12:31	0.23	0.16	0.32
C96	CHANNEL	0.122	0 12:32	0.41	0.00	0.15
C99	CHANNEL	0.130	0 12:33	0.69	0.01	0.15
DDC01	CONDUIT	0.130	0 13:49	0.51	0.02	0.16
DDC02	CONDUIT	0.153	0 12:06	0.50	0.03	0.15
DDC03	CONDUIT	0.176	0 12:07	0.41	0.01	0.10
DDC04	CONDUIT	0.182	0 12:09	0.40	0.01	0.10
DDC05	CONDUIT	0.187	0 12:10	0.44	0.01	0.10
DDC06	CONDUIT	0.189	0 12:12	0.48	0.01	0.09
DDC07	CONDUIT	0.194	0 12:14	0.48	0.01	0.09
DDC08	CONDUIT	0.194	0 12:15	0.47	0.02	0.11
DDC09	CONDUIT	0.195	0 12:16	0.49	0.02	0.11
DDC10	CONDUIT	0.195	0 12:17	0.55	0.02	0.11
DDC11	CONDUIT	0.195	0 12:17	0.47	0.02	0.15
DDC12	CONDUIT	0.197	0 12:18	0.68	0.03	0.16
DDC13	CONDUIT	0.196	0 12:19	0.67	0.02	0.11
MDC01	CONDUIT	0.071	0 12:00	0.57	0.01	0.10
MDC02	CONDUIT	0.071	0 12:00	0.33	0.01	0.16
MDC03_HDPE600	CONDUIT	0.086	0 12:00	1.14	0.05	0.27
MDC04	CONDUIT	0.210	0 12:00	0.27	0.01	0.26
MDC05_HDPE900	CONDUIT	0.388	0 12:00	1.11	0.16	0.54

NDC01	CONDUIT	0.020	0	12:00	0.31	0.01	0.13
NDC02	CONDUIT	0.038	0	12:00	0.28	0.04	0.26
NDC03	CONDUIT	0.041	0	12:01	0.20	0.05	0.36
NDC04	CONDUIT	0.164	0	12:00	0.37	0.12	0.46
NDC05	CONDUIT	0.163	0	12:00	0.11	0.05	0.45
NDC06	CONDUIT	0.253	0	12:00	0.32	0.17	0.51
NDC07	CONDUIT	0.661	0	12:00	0.84	0.11	0.34
NDC08	CONDUIT	0.098	0	12:00	0.27	0.01	0.20
NDC09_HDPE600	CONDUIT	0.098	0	12:00	1.24	0.23	0.32
NDC10	CONDUIT	0.099	0	12:00	0.38	0.02	0.24
OFA_CC700	CONDUIT	0.017	0	12:33	0.54	0.02	0.14
OFB_CC700	CONDUIT	0.181	0	14:36	1.28	0.21	0.40
OFC_CC600	CONDUIT	0.067	0	12:16	0.87	0.20	0.32
PD_IS_HDPE300	CONDUIT	0.017	0	17:23	0.24	0.09	1.00
PDDC01	CONDUIT	0.017	0	17:24	0.28	0.03	0.18
PDDC02	CONDUIT	0.017	0	17:25	0.28	0.02	0.16
PDDC03	CONDUIT	0.017	0	17:26	0.28	0.01	0.10
PDDC04	CONDUIT	0.017	0	16:01	0.27	0.00	0.06
PDDC05	CONDUIT	0.017	0	12:31	0.23	0.00	0.07
PDDC06	CONDUIT	0.019	0	12:30	0.28	0.02	0.14
PDDC07	CONDUIT	0.028	0	12:01	0.41	0.02	0.17
PDDC08	CONDUIT	0.038	0	12:02	0.36	0.02	0.17
PDDC09	CONDUIT	0.043	0	12:02	0.48	0.02	0.15
PDDC10	CONDUIT	0.046	0	12:02	0.56	0.01	0.15
PUB_rd_DC01	CHANNEL	0.000	0	00:00	0.00	0.00	0.05
PUB_rd_DC02	CHANNEL	0.029	0	12:16	0.12	0.01	0.14
PUB_rd_DC03	CHANNEL	0.033	0	12:17	0.13	0.00	0.12
PUB_rd_DC04	CHANNEL	0.067	0	12:14	0.16	0.01	0.21
PUB_rd_DC05	CHANNEL	0.000	0	00:00	0.00	0.00	0.22
PUB_rd_DC06	CHANNEL	0.039	0	12:24	0.08	0.00	0.19
PUB_rd_DC07	CHANNEL	0.027	0	12:19	0.03	0.00	0.25
PUB_rd_DC08	CHANNEL	0.000	0	00:00	0.00	0.00	0.04
SDC01	CONDUIT	0.046	0	12:00	0.54	0.01	0.07
SDC02	CONDUIT	0.045	0	12:00	0.59	0.01	0.07
SDC03	CONDUIT	0.063	0	12:00	0.09	0.00	0.24
SMC14	CHANNEL	0.208	0	12:23	0.44	0.02	0.33
U012001	CHANNEL	0.038	0	12:00	0.15	0.00	0.10
U013002	CHANNEL	0.130	0	13:48	0.31	0.00	0.04
U013003	CHANNEL	0.130	0	13:46	0.25	0.00	0.05
U013004	CHANNEL	0.130	0	13:44	0.27	0.00	0.04
U013006_2	CHANNEL	0.130	0	13:43	0.39	0.00	0.04
U013007	CHANNEL	0.126	0	13:56	0.30	0.00	0.04
U013008	CHANNEL	0.118	0	14:00	20.92	0.00	0.04
U013015	CHANNEL	0.080	0	14:12	1.80	0.00	0.06
U013019	CHANNEL	0.069	0	14:13	0.05	0.00	0.07
U013020	CHANNEL	0.069	0	14:11	18.77	0.00	0.03
U013021	CHANNEL	0.069	0	14:09	0.16	0.00	0.02
U013022	CHANNEL	0.069	0	14:08	2.48	0.00	0.04
U013023	CHANNEL	0.069	0	14:05	0.26	0.00	0.09
U013024	CHANNEL	0.069	0	14:04	0.35	0.00	0.07
U013025	CHANNEL	0.061	0	14:06	1.47	0.00	0.03
U013026	CHANNEL	0.062	0	14:01	0.25	0.00	0.03
U013032	CHANNEL	0.053	0	14:03	0.16	0.00	0.03
U013033	CHANNEL	0.049	0	13:51	10.02	0.00	0.03
U013034	CHANNEL	0.038	0	13:51	6.90	0.00	0.03
U013038	CHANNEL	0.019	0	14:02	3.20	0.00	0.04
U013044	CHANNEL	0.017	0	12:09	0.03	0.00	0.05
U013045	CHANNEL	0.020	0	12:01	0.28	0.00	0.04
U014001	CHANNEL	0.043	0	12:00	3.85	0.00	0.04
U015002	CHANNEL	0.017	0	12:04	11.43	0.00	0.04
U016001	CHANNEL	0.016	0	12:39	0.65	0.00	0.03
U016002	CHANNEL	0.037	0	12:02	4.52	0.00	0.03
OR1	ORIFICE	0.017	0	17:24			1.00

Flow Classification Summary

Conduit	Adjusted /Actual Length	----- Fraction of Time in Flow Class -----								
		Up		Down	Sub	Sup	Up	Down	Norm	Inlet
		Dry	Dry	Dry	Crit	Crit	Crit	Crit	Ltd	Ctrl
AR02_HDPE450	1.00	0.00	0.00	0.00	0.47	0.53	0.00	0.00	0.00	0.00
AR1_HDPE600	1.00	0.00	0.00	0.00	0.32	0.68	0.00	0.00	0.00	0.00
C10	1.00	0.00	0.27	0.00	0.73	0.00	0.00	0.00	0.98	0.00
C100	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
C101	1.00	0.00	0.00	0.00	0.95	0.05	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	0.00	0.00
C129	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	1.00	0.00
C130	1.00	0.00	0.16	0.00	0.84	0.00	0.00	0.00	1.00	0.00
C131	1.00	0.00	0.00	0.00	0.95	0.01	0.00	0.04	0.39	0.00
C132_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00

C132_2	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.01	0.00
C133	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.60	0.00
C134	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C135	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C136	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
C137	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.30	0.00
C1450_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.86	0.00
C20	1.00	0.00	0.31	0.00	0.69	0.00	0.00	0.00	0.96	0.00
C25_3	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C26_1	1.00	0.23	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C26_2	1.00	0.06	0.17	0.00	0.77	0.00	0.00	0.00	0.86	0.00
C26_5	1.00	0.13	0.15	0.00	0.73	0.00	0.00	0.00	0.07	0.00
C30	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C30_3	1.00	0.06	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C36	1.00	0.00	0.07	0.00	0.93	0.00	0.00	0.00	1.00	0.00
C45	1.00	0.00	0.23	0.00	0.77	0.00	0.00	0.00	0.97	0.00
C46_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.67	0.00
C46_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C47	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
C50	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C57	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
C60	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.92	0.00
C70	1.00	0.00	0.00	0.00	0.60	0.40	0.00	0.00	0.00	0.00
C72	1.00	0.12	0.21	0.00	0.67	0.00	0.00	0.00	0.67	0.00
C75	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C80	1.00	0.01	0.12	0.00	0.87	0.00	0.00	0.00	0.97	0.00
C81	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07	0.00
C86	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
C87	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C89	1.00	0.00	0.00	0.00	0.08	0.92	0.00	0.00	0.00	0.00
C91	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C93	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
C95	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.06	0.00
C96	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.96	0.00
C99	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.00	0.00
DDC01	1.00	0.01	0.10	0.00	0.89	0.00	0.00	0.00	0.89	0.00
DDC02	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.24	0.00
DDC03	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.54	0.00
DDC04	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
DDC05	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
DDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
DDC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
DDC08	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.97	0.00
DDC09	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
DDC10	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.88	0.00
DDC11	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.97	0.00
DDC12	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.49	0.00
DDC13	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
MDC01	1.00	0.00	0.07	0.00	0.93	0.00	0.00	0.00	0.87	0.00
MDC02	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
MDC03_HDPE600	1.00	0.00	0.00	0.00	0.45	0.55	0.00	0.00	0.00	0.51
MDC04	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
MDC05_HDPE900	1.00	0.00	0.00	0.00	0.63	0.37	0.00	0.00	0.00	0.85
NDC01	1.00	0.01	0.25	0.00	0.69	0.00	0.00	0.06	0.76	0.00
NDC02	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.98	0.00
NDC03	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
NDC04	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
NDC05	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.94	0.00
NDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
NDC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.57	0.00
NDC08	1.00	0.00	0.08	0.00	0.92	0.00	0.00	0.00	0.99	0.00
NDC09_HDPE600	1.00	0.00	0.00	0.00	0.48	0.52	0.00	0.00	0.00	0.02
NDC10	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
OFA_CC700	1.00	0.00	0.00	0.00	0.67	0.33	0.00	0.00	0.00	0.34
OFB_CC700	1.00	0.00	0.00	0.00	0.86	0.14	0.00	0.00	0.00	0.86
OFC_CC600	1.00	0.03	0.00	0.00	0.96	0.01	0.00	0.00	0.00	0.59
PD_IS_HDPE300	1.00	0.00	0.03	0.00	0.91	0.00	0.06	0.00	0.00	0.00
PDDC01	1.00	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.14	0.00
PDDC02	1.00	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.01	0.00
PDDC03	1.00	0.00	0.06	0.00	0.94	0.00	0.00	0.00	0.86	0.00
PDDC04	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
PDDC05	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
PDDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.08	0.00
PDDC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
PDDC08	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
PDDC09	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
PDDC10	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
PUB_rd_DC01	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC02	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.98	0.00
PUB_rd_DC03	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
PUB_rd_DC04	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.85	0.00
PUB_rd_DC05	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC07	1.00	0.00	0.22	0.00	0.78	0.00	0.00	0.00	0.35	0.00

PUB_rd_DC08	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SDC01	1.00	0.01	0.14	0.00	0.85	0.00	0.00	0.00	0.89	0.00
SDC02	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.00
SDC03	1.00	0.00	0.10	0.00	0.90	0.00	0.00	0.00	1.00	0.00
SMC14	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
U012001	1.00	0.00	0.22	0.00	0.78	0.00	0.00	0.00	0.97	0.00
U013002	1.00	0.11	0.00	0.00	0.89	0.00	0.00	0.00	0.29	0.00
U013003	1.00	0.07	0.00	0.00	0.89	0.04	0.00	0.00	0.21	0.00
U013004	1.00	0.01	0.00	0.00	0.97	0.02	0.00	0.00	0.86	0.00
U013006_2	1.00	0.00	0.00	0.00	0.89	0.11	0.00	0.00	0.89	0.00
U013007	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.00
U013008	1.00	0.00	0.00	0.00	0.67	0.33	0.00	0.00	0.45	0.00
U013015	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.09	0.00
U013019	1.00	0.00	0.13	0.00	0.87	0.00	0.00	0.00	0.87	0.00
U013020	1.00	0.04	0.00	0.00	0.44	0.51	0.00	0.00	0.00	0.00
U013021	1.00	0.04	0.06	0.00	0.89	0.00	0.00	0.00	0.86	0.00
U013022	1.00	0.09	0.00	0.00	0.54	0.37	0.00	0.00	0.01	0.00
U013023	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.79	0.00
U013024	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.87	0.00
U013025	1.00	0.00	0.07	0.00	0.90	0.03	0.00	0.00	0.43	0.00
U013026	1.00	0.00	0.00	0.00	0.90	0.10	0.00	0.00	0.76	0.00
U013032	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.16	0.00
U013033	1.00	0.00	0.00	0.00	0.81	0.19	0.00	0.00	0.71	0.00
U013034	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.38	0.00
U013038	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.20	0.00
U013044	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U013045	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.01	0.00
U014001	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.31	0.00
U015002	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
U016001	1.00	0.00	0.02	0.00	0.97	0.00	0.00	0.00	0.82	0.00
U016002	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.62	0.00

Conduit Surcharge Summary

Conduit	----- Hours Full -----			Hours	Hours
	Both Ends	Upstream	Dnstream	Above Full Normal Flow	Capacity Limited
PD_IS_HDPE300	35.15	35.15	46.80	0.01	0.01

Analysis begun on: Thu Apr 23 13:50:21 2026
Analysis ended on: Thu Apr 23 13:50:27 2026
Total elapsed time: 00:00:06



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

Element Count

Number of rain gages 9
Number of subcatchments ... 128
Number of nodes 130
Number of links 126
Number of pollutants 0
Number of land uses 0

Raingage Summary

Name	Data Source	Data Type	Recording Interval
100y_103.5mm	100y_103.5mm	INTENSITY	15 min.
10y_72mm	10y_72mm	INTENSITY	15 min.
25y_84mm	25y_84mm	INTENSITY	15 min.
2y_48mm	2y_48mm	INTENSITY	15 min.
50y_93.6mm	50y_93.6mm	INTENSITY	15 min.
5y_62.4mm	5y_62.4mm	INTENSITY	15 min.
Chicago_4h	Chicago_4h	INTENSITY	10 min.
SCS_Type_II_124mm	SCS_Type_II_124mm	INTENSITY	15 min.
SCS_Type_II100y_12h_96mm	SCS_Type_II100y_12h_96mm	INTENSITY	6 min.

Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
G009005_1	2.74	112.89	7.00	7.6470	Chicago_4h	J30
G009005_2	1.57	209.97	7.00	3.6030	Chicago_4h	DDJ03
G012001	3.05	152.73	7.00	6.8600	Chicago_4h	T012001
G013006	0.95	73.90	7.00	6.1650	Chicago_4h	T013006
G013007	2.35	142.04	7.00	7.6700	Chicago_4h	T013007
G013012	1.45	146.91	7.00	6.9010	Chicago_4h	T013012
G013016_1	1.98	107.13	7.00	8.0160	Chicago_4h	T013016
G013016_2	1.52	158.50	7.00	5.9960	Chicago_4h	T013016
G013024	2.21	201.26	7.00	7.5560	Chicago_4h	T013024
G013031	2.38	208.79	7.00	8.2850	Chicago_4h	T013031
G013032	1.68	172.87	7.00	9.8170	Chicago_4h	T013032
G013033	2.85	228.75	7.00	8.4690	Chicago_4h	T013033
G013037	2.18	256.38	7.00	9.5500	Chicago_4h	T013037
G013042	1.40	109.31	7.00	9.0870	Chicago_4h	T013042
G013043	2.05	276.27	7.00	10.5660	Chicago_4h	T013044
G013045	1.86	185.18	7.00	8.5760	Chicago_4h	T013045
G014001	3.34	162.46	7.00	8.9080	Chicago_4h	T014001
G015001_1	1.28	124.61	7.00	7.3730	Chicago_4h	T015001
G015001_2	1.25	75.83	7.00	4.9920	Chicago_4h	T015001
G015003_1	1.59	125.65	7.00	8.3540	Chicago_4h	T015003
G015003_2	1.22	145.02	7.00	8.5290	Chicago_4h	T015003
G016003_1	1.02	83.26	7.00	9.0730	Chicago_4h	T016003
G016003_2	1.65	89.45	7.00	9.2440	Chicago_4h	T016003
S1	0.42	140.90	7.00	2.0000	Chicago_4h	DDJ06
S1_1	0.15	44.75	7.00	2.0000	Chicago_4h	PDDJ09
S1_10	0.08	30.92	7.00	2.0000	Chicago_4h	PDDJ08
S1_2	0.21	62.76	7.00	8.4310	Chicago_4h	PDDJ10
S1_3	0.73	78.61	7.00	2.2500	Chicago_4h	J68
S1_4	0.47	54.00	7.00	2.0000	Chicago_4h	J67
S1_5	0.32	62.94	7.00	2.5000	Chicago_4h	J69
S1_6	0.25	23.15	7.00	11.0340	Chicago_4h	J65
S1_7	0.44	70.98	7.00	2.5000	Chicago_4h	25025
S1_8	0.23	25.99	7.00	2.0000	Chicago_4h	J66
S10	0.83	166.64	7.00	8.5600	Chicago_4h	J274
S101_2	1.02	114.99	7.00	5.3410	Chicago_4h	DDJ04
S102	0.87	76.43	7.00	9.2800	Chicago_4h	DDJ05
S11	1.12	99.21	7.00	5.6280	Chicago_4h	J8
S112	0.51	72.89	7.00	7.1560	Chicago_4h	J253
S113	0.62	92.70	7.00	6.1840	Chicago_4h	J253
S115_2	0.01	0.90	80.00	9.1880	Chicago_4h	J30
S130	0.62	87.35	7.00	10.8400	Chicago_4h	J160
S132	1.19	88.41	7.00	9.3970	Chicago_4h	J152
S137	2.16	101.18	7.00	9.3820	Chicago_4h	J160
S15_4	0.19	62.33	7.00	6.7670	Chicago_4h	DDJ14
S16	0.61	65.66	7.00	11.2500	Chicago_4h	J14

S18	0.54	86.45	7.00	8.2240	Chicago_4h	J17
S19	0.58	83.01	7.00	9.3820	Chicago_4h	J17
S2	0.42	139.80	7.00	2.0000	Chicago_4h	DDJ04
S2_13	0.02	53.25	80.00	2.0000	Chicago_4h	S2_16
S2_14	0.03	67.50	80.00	2.0000	Chicago_4h	S2_16
S2_15	0.21	37.14	7.00	1.0000	Chicago_4h	J62
S2_16	0.56	59.43	7.00	8.9160	Chicago_4h	J71
S2_18	0.15	61.44	7.00	12.0000	Chicago_4h	PDDJ06
S2_19	0.07	60.26	7.00	5.5370	Chicago_4h	PDDJ04
S2_20	0.17	94.07	7.00	5.0310	Chicago_4h	PDDJ05
S2_22	0.07	5.51	7.00	3.1210	Chicago_4h	J26
S2_23	0.32	56.49	7.00	3.6000	Chicago_4h	J34
S2_24	0.04	2.68	7.00	3.2280	Chicago_4h	J60
S2_25	0.04	2.76	7.00	6.8230	Chicago_4h	J59
S2_26	0.03	2.02	7.00	2.5570	Chicago_4h	J61
S2_30	0.03	74.75	80.00	2.0000	Chicago_4h	S2_16
S2_31	0.02	43.50	80.00	2.0000	Chicago_4h	S2_16
S2_32	0.03	62.75	80.00	2.0000	Chicago_4h	J46
S2_34	0.02	58.00	80.00	2.0000	Chicago_4h	J60
S2_35	0.02	61.00	80.00	2.0000	Chicago_4h	J58
S2_36	0.04	101.75	80.00	10.8580	Chicago_4h	J68
S2_37	0.02	57.50	80.00	2.0000	Chicago_4h	25025
S2_38	0.03	73.75	80.00	2.0000	Chicago_4h	J69
S2_39	0.03	86.50	80.00	2.0000	Chicago_4h	J67
S2_4	0.02	1.80	80.00	2.0000	Chicago_4h	J58
S2_40	0.02	46.50	80.00	2.0000	Chicago_4h	J59
S2_41	0.02	39.25	80.00	2.0000	Chicago_4h	J61
S20_1	0.60	53.34	100.00	4.7900	Chicago_4h	J56
S20_10	0.59	52.76	100.00	4.7900	Chicago_4h	J47
S20_11	0.72	64.74	100.00	4.7900	Chicago_4h	J51
S20_12	0.04	3.32	80.00	2.0000	Chicago_4h	J63
S20_13	0.79	70.89	100.00	4.7900	Chicago_4h	J94
S20_2	0.12	11.11	80.00	4.7900	Chicago_4h	J50
S20_3	1.02	90.71	100.00	4.7900	Chicago_4h	SU1
S20_6	0.11	9.56	80.00	4.7900	Chicago_4h	J54
S20_7	0.15	13.75	100.00	4.7900	Chicago_4h	J39
S20_8	0.77	68.93	100.00	4.7900	Chicago_4h	J55
S20_9	0.61	54.20	100.00	4.7900	Chicago_4h	J48
S22_4	0.03	6.99	80.00	4.0500	Chicago_4h	J88
S22_5	0.05	9.73	80.00	4.0500	Chicago_4h	J29
S23	2.50	130.11	7.00	6.3060	Chicago_4h	J43
S25	1.22	88.61	7.00	7.0290	Chicago_4h	J33
S29	0.54	76.64	7.00	6.0420	Chicago_4h	J43
S3	1.32	84.06	7.00	4.7850	Chicago_4h	OF-EX
S33	1.35	98.82	7.00	6.6690	Chicago_4h	J35
S34	1.52	145.82	7.00	10.8830	Chicago_4h	16130
S36	1.40	164.77	7.00	7.1970	Chicago_4h	J33
S37_2	1.28	119.80	7.00	6.5590	Chicago_4h	16017
S4	0.14	22.22	7.00	6.8700	Chicago_4h	OF-EX
S44_3	0.66	108.33	7.00	5.0580	Chicago_4h	DDJ14
S45	0.45	124.15	7.00	7.1480	Chicago_4h	J276
S48_1	1.26	126.59	7.00	5.5230	Chicago_4h	J53
S5	2.67	266.72	7.00	11.3200	Chicago_4h	J5
S51	1.46	121.71	7.00	4.9010	Chicago_4h	J64
S54	0.63	155.42	7.00	3.5050	Chicago_4h	J64
S56_1	0.29	114.84	7.00	10.3720	Chicago_4h	PDDJ07
S6	0.80	79.72	7.00	11.8730	Chicago_4h	S3
S61	0.78	60.77	7.00	3.6030	Chicago_4h	J80
S63_2	0.33	109.50	7.00	2.0000	Chicago_4h	DDJ07
S63_3	0.39	128.43	7.00	4.7660	Chicago_4h	DDJ07
S65	0.93	56.61	7.00	3.5920	Chicago_4h	J92
S69	1.27	82.51	7.00	5.3450	Chicago_4h	J101
S7	0.49	48.42	80.00	4.8080	Chicago_4h	J52
S76_3	0.78	112.40	7.00	5.1360	Chicago_4h	J259
S77	0.50	64.02	7.00	5.3700	Chicago_4h	J259
S8	0.32	29.77	80.00	4.7290	Chicago_4h	J49
S80_3	0.03	4.55	80.00	2.0000	Chicago_4h	J34
S88_2	1.01	77.93	7.00	8.2360	Chicago_4h	J3
S88_3	0.06	5.56	80.00	7.4640	Chicago_4h	J32
S9_1	0.36	120.00	7.00	7.4830	Chicago_4h	DDJ14
S9_10	0.03	74.00	80.00	2.0000	Chicago_4h	S9_4
S9_2	0.20	65.77	7.00	2.0000	Chicago_4h	DDJ12
S9_3	0.25	83.30	7.00	2.0000	Chicago_4h	DDJ09
S9_4	0.15	51.47	7.00	12.1330	Chicago_4h	PDDJ08
S9_5	0.28	54.53	7.00	10.0000	Chicago_4h	PDDJ07
S9_6	0.25	20.08	7.00	8.9110	Chicago_4h	25010
S9_7	0.14	45.27	7.00	0.2500	Chicago_4h	PDDJ09
S9_8	0.03	78.00	80.00	2.0000	Chicago_4h	S9_7
S9_9	0.04	91.25	80.00	2.0000	Chicago_4h	S9_6
S90	0.53	59.02	7.00	4.3430	Chicago_4h	J117
S91_1	0.05	5.23	80.00	5.3300	Chicago_4h	J31
S91_2	0.24	56.73	7.00	10.1680	Chicago_4h	J31
S92	0.67	57.07	7.00	10.2410	Chicago_4h	J117

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
16017	JUNCTION	93.42	2.50	0.0	
16094	JUNCTION	92.18	1.82	0.0	
16130	JUNCTION	93.42	2.00	0.0	
25010	JUNCTION	94.40	3.00	0.0	
25025	JUNCTION	94.64	3.00	0.0	
26419	JUNCTION	94.00	1.22	0.0	
26456	JUNCTION	94.23	0.96	0.0	
26578	JUNCTION	95.36	3.00	0.0	
DDJ01	JUNCTION	100.38	3.00	0.0	
DDJ02	JUNCTION	100.03	0.94	0.0	
DDJ03	JUNCTION	99.92	1.34	0.0	
DDJ04	JUNCTION	99.69	1.35	0.0	
DDJ05	JUNCTION	99.38	1.63	0.0	
DDJ06	JUNCTION	99.22	1.78	0.0	
DDJ07	JUNCTION	98.38	1.36	0.0	
DDJ08	JUNCTION	98.02	1.41	0.0	
DDJ09	JUNCTION	97.85	1.13	0.0	
DDJ10	JUNCTION	97.69	1.08	0.0	
DDJ11	JUNCTION	97.46	1.01	0.0	
DDJ12	JUNCTION	97.28	0.94	0.0	
DDJ13	JUNCTION	97.04	0.83	0.0	
DDJ14	JUNCTION	96.27	2.31	0.0	
J101	JUNCTION	99.06	1.00	0.0	
J117	JUNCTION	100.45	1.00	0.0	
J14	JUNCTION	92.06	1.50	0.0	
J152	JUNCTION	102.59	1.00	0.0	
J160	JUNCTION	103.54	1.00	0.0	
J17	JUNCTION	92.73	1.50	0.0	
J2	JUNCTION	93.50	1.25	0.0	
J24	JUNCTION	96.89	0.30	0.0	
J253	JUNCTION	102.19	1.00	0.0	
J259	JUNCTION	99.32	1.00	0.0	
J26	JUNCTION	97.92	0.56	0.0	
J274	JUNCTION	91.38	1.00	0.0	
J276	JUNCTION	96.26	1.00	0.0	
J28	JUNCTION	100.32	0.69	0.0	
J29	JUNCTION	101.05	0.61	0.0	
J3	JUNCTION	102.30	0.44	0.0	
J30	JUNCTION	101.31	0.76	0.0	
J31	JUNCTION	101.81	0.74	0.0	
J32	JUNCTION	102.07	0.57	0.0	
J33	JUNCTION	94.89	1.00	0.0	
J34	JUNCTION	102.50	3.00	0.0	
J35	JUNCTION	94.77	1.00	0.0	
J36	JUNCTION	94.52	1.43	0.0	
J38	JUNCTION	96.70	1.90	0.0	
J39	JUNCTION	97.52	1.25	0.0	
J43	JUNCTION	94.81	1.00	0.0	
J46	JUNCTION	98.24	0.83	0.0	
J47	JUNCTION	97.20	1.26	0.0	
J48	JUNCTION	98.28	0.82	0.0	
J49	JUNCTION	101.00	1.00	0.0	
J5	JUNCTION	91.80	3.00	0.0	
J50	JUNCTION	98.83	1.17	0.0	
J51	JUNCTION	98.30	1.57	0.0	
J52	JUNCTION	100.00	1.00	0.0	
J53	JUNCTION	97.11	0.42	0.0	
J54	JUNCTION	99.09	1.26	0.0	
J55	JUNCTION	98.63	1.37	0.0	
J56	JUNCTION	97.60	0.94	0.0	
J58	JUNCTION	99.58	1.21	0.0	
J59	JUNCTION	99.10	1.11	0.0	
J60	JUNCTION	98.51	0.81	0.0	
J61	JUNCTION	98.31	0.78	0.0	
J62	JUNCTION	102.00	1.38	0.0	
J63	JUNCTION	99.60	3.85	0.0	
J64	JUNCTION	97.50	1.00	0.0	
J65	JUNCTION	99.15	1.13	0.0	
J66	JUNCTION	98.40	1.10	0.0	
J67	JUNCTION	96.00	2.00	0.0	
J68	JUNCTION	94.86	2.14	0.0	
J69	JUNCTION	94.64	2.36	0.0	
J70	JUNCTION	99.46	1.16	0.0	
J71	JUNCTION	98.00	0.47	0.0	
J72	JUNCTION	97.56	1.40	0.0	
J73	JUNCTION	99.79	1.00	0.0	
J8	JUNCTION	90.51	1.00	0.0	

J80	JUNCTION	98.08	1.00	0.0
J87	JUNCTION	99.98	1.07	0.0
J88	JUNCTION	101.60	0.85	0.0
J89	JUNCTION	97.65	0.85	0.0
J9	JUNCTION	97.63	1.37	0.0
J90	JUNCTION	102.50	0.30	0.0
J92	JUNCTION	98.28	1.00	0.0
J93	JUNCTION	99.20	1.97	0.0
J94	JUNCTION	97.82	0.66	0.0
PDDJ01	JUNCTION	96.67	0.49	0.0
PDDJ02	JUNCTION	96.64	0.69	0.0
PDDJ03	JUNCTION	96.61	0.99	0.0
PDDJ04	JUNCTION	96.52	1.84	0.0
PDDJ05	JUNCTION	96.30	2.90	0.0
PDDJ06	JUNCTION	96.18	2.87	0.0
PDDJ07	JUNCTION	96.05	0.68	0.0
PDDJ08	JUNCTION	95.50	0.87	0.0
PDDJ09	JUNCTION	95.29	1.05	0.0
PDDJ10	JUNCTION	95.15	1.22	0.0
PDDJ11	JUNCTION	94.30	0.97	0.0
T009007	JUNCTION	100.64	0.00	0.0
T012001	JUNCTION	101.00	0.81	0.0
T013002	JUNCTION	100.64	2.11	0.0
T013003	JUNCTION	100.81	1.83	0.0
T013006	JUNCTION	101.35	1.62	0.0
T013007	JUNCTION	101.66	1.78	0.0
T013012	JUNCTION	103.47	1.78	0.0
T013016	JUNCTION	103.45	1.78	0.0
T013019	JUNCTION	104.45	2.28	0.0
T013020	JUNCTION	104.78	2.80	0.0
T013021	JUNCTION	105.12	2.80	0.0
T013022	JUNCTION	105.45	1.81	0.0
T013023	JUNCTION	105.79	0.97	0.0
T013024	JUNCTION	106.12	1.96	0.0
T013025	JUNCTION	106.29	1.96	0.0
T013031	JUNCTION	107.32	1.76	0.0
T013032	JUNCTION	107.71	1.76	0.0
T013033	JUNCTION	108.26	1.76	0.0
T013037	JUNCTION	108.54	1.76	0.0
T013042	JUNCTION	108.52	1.76	0.0
T013044	JUNCTION	108.53	1.69	0.0
T013045	JUNCTION	108.54	1.69	0.0
T014001	JUNCTION	103.48	1.78	0.0
T015001	JUNCTION	104.54	1.35	0.0
T015003	JUNCTION	106.14	1.35	0.0
T016001	JUNCTION	108.62	1.76	0.0
T016003	JUNCTION	108.77	1.55	0.0
T043003	JUNCTION	101.17	1.83	0.0
OF-A	OUTFALL	91.50	0.70	0.0
OF-B	OUTFALL	93.23	0.70	0.0
OF-C	OUTFALL	94.15	0.60	0.0
OF-EX	OUTFALL	89.62	0.36	0.0
SU1	STORAGE	95.50	3.00	0.0

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
AR02_HDPE450	J61	J46	CONDUIT	15.0	0.4681	0.0100
AR1_HDPE600	25025	J36	CONDUIT	17.3	0.6747	0.0120
C10	J152	J253	CONDUIT	84.4	0.4739	0.0350
C100	J14	J274	CONDUIT	51.1	1.3304	0.0350
C101	J274	J8	CONDUIT	24.2	3.6035	0.0350
C103	J8	OF-EX	CONDUIT	143.4	0.6208	0.0350
C129	J60	J61	CONDUIT	36.5	0.5557	0.0350
C130	J62	J63	CONDUIT	31.7	7.6034	0.0680
C131	J47	SU1	CONDUIT	8.0	5.1568	0.0350
C132_1	J63	J93	CONDUIT	25.2	1.5869	0.0680
C132_2	J93	J65	CONDUIT	12.9	0.3881	0.0680
C133	J65	J66	CONDUIT	33.3	2.2498	0.0680
C134	J66	J67	CONDUIT	66.2	3.6274	0.0680
C135	J67	J68	CONDUIT	56.6	2.0177	0.0680
C136	J68	J69	CONDUIT	54.0	0.4059	0.0680
C137	J69	25025	CONDUIT	34.0	0.0088	0.0680
C1450_1	T015001	T013012	CONDUIT	198.3	0.5395	0.0350
C20	J53	DDJ14	CONDUIT	89.6	0.9375	0.0350
C25_3	J73	J259	CONDUIT	57.6	0.8094	0.0350
C26_1	J90	J3	CONDUIT	28.0	0.7217	0.0680
C26_2	J3	J32	CONDUIT	31.4	0.7197	0.0680
C26_5	J34	J62	CONDUIT	37.1	1.3490	0.0600
C30	J38	J24	CONDUIT	6.1	22.0074	0.0650
C30_3	J24	PDDJ02	CONDUIT	7.3	3.3678	0.0650

C36	J32	J31	CONDUIT	34.6	0.7581	0.0680
C45	J160	J253	CONDUIT	132.0	1.0225	0.0350
C46_1	J31	J88	CONDUIT	33.7	0.6313	0.0680
C46_2	J88	J30	CONDUIT	38.7	0.7461	0.0680
C47	J30	J29	CONDUIT	36.1	0.7142	0.0680
C50	J29	J28	CONDUIT	78.0	0.9316	0.0680
C57	J253	J117	CONDUIT	158.9	1.0950	0.0350
C60	J28	DDJ02	CONDUIT	26.0	1.1304	0.0680
C70	J117	J259	CONDUIT	111.5	1.0136	0.0350
C72	J58	J59	CONDUIT	25.5	1.8684	0.0350
C75	J259	J101	CONDUIT	45.7	0.5694	0.0350
C80	J59	J60	CONDUIT	28.5	2.0776	0.0350
C81	J101	J92	CONDUIT	79.2	0.9847	0.0350
C86	J92	J80	CONDUIT	38.0	0.5257	0.0350
C87	J80	J64	CONDUIT	60.7	0.9559	0.0350
C89	J64	J276	CONDUIT	56.3	2.2037	0.0350
C91	J276	J33	CONDUIT	154.1	0.8892	0.0350
C93	J33	J35	CONDUIT	44.1	0.2719	0.0350
C95	J35	J43	CONDUIT	103.2	-0.0388	0.0350
C96	J43	J17	CONDUIT	109.8	1.8944	0.0350
C99	J17	J14	CONDUIT	56.1	1.1939	0.0350
DDC01	DDJ01	DDJ02	CONDUIT	28.0	1.2461	0.0350
DDC02	DDJ02	DDJ03	CONDUIT	19.4	0.5767	0.0350
DDC03	DDJ03	DDJ04	CONDUIT	61.9	0.3717	0.0350
DDC04	DDJ04	DDJ05	CONDUIT	77.9	0.3903	0.0350
DDC05	DDJ05	DDJ06	CONDUIT	42.2	0.3837	0.0350
DDC06	DDJ06	DDJ07	CONDUIT	127.6	0.6625	0.0350
DDC07	DDJ07	DDJ08	CONDUIT	62.8	0.5602	0.0350
DDC08	DDJ08	DDJ09	CONDUIT	28.0	0.6074	0.0350
DDC09	DDJ09	DDJ10	CONDUIT	30.4	0.5425	0.0350
DDC10	DDJ10	DDJ11	CONDUIT	26.8	0.8441	0.0350
DDC11	DDJ11	DDJ12	CONDUIT	23.8	0.7828	0.0350
DDC12	DDJ12	DDJ13	CONDUIT	24.8	0.9636	0.0350
DDC13	DDJ13	DDJ14	CONDUIT	48.9	1.2055	0.0350
MDC01	J52	J70	CONDUIT	30.4	1.7706	0.0450
MDC02	J70	J54	CONDUIT	21.7	1.7065	0.0450
MDC03_HDPE600	J54	J55	CONDUIT	22.2	2.0628	0.0120
MDC04	J55	J51	CONDUIT	14.2	2.3445	0.0450
MDC05_HDPE900	J51	J39	CONDUIT	50.2	1.5543	0.0120
NDC01	J46	J71	CONDUIT	8.4	2.8347	0.0350
NDC02	J71	J26	CONDUIT	13.0	0.6634	0.0350
NDC03	J26	J94	CONDUIT	18.8	0.5118	0.0450
NDC04	J94	J89	CONDUIT	33.2	0.5153	0.0450
NDC05	J89	J56	CONDUIT	14.8	0.3371	0.0450
NDC06	J56	J39	CONDUIT	34.5	0.2319	0.0450
NDC07	J39	J47	CONDUIT	43.9	0.7216	0.0450
NDC08	J72	J47	CONDUIT	15.8	2.2581	0.0450
NDC09_HDPE600	J9	J72	CONDUIT	15.8	0.4239	0.0120
NDC10	J48	J9	CONDUIT	30.4	2.1489	0.0450
OFA_CC700	J5	OF-A	CONDUIT	24.5	1.2269	0.0160
OFB_CC700	16130	OF-B	CONDUIT	14.1	1.3571	0.0160
OFC_CC600	26456	OF-C	CONDUIT	18.5	0.4320	0.0160
PD_Is_HDPE300	SU1	J38	CONDUIT	10.0	-8.0358	0.0190
PDDC01	PDDJ01	PDDJ02	CONDUIT	6.2	0.4063	0.0350
PDDC02	PDDJ02	PDDJ03	CONDUIT	11.6	0.3108	0.0350
PDDC03	PDDJ03	PDDJ04	CONDUIT	23.5	0.3739	0.0350
PDDC04	PDDJ04	PDDJ05	CONDUIT	61.2	0.3610	0.0350
PDDC05	PDDJ05	PDDJ06	CONDUIT	40.2	0.2960	0.0350
PDDC06	PDDJ06	PDDJ07	CONDUIT	54.3	0.2411	0.0350
PDDC07	PDDJ07	PDDJ08	CONDUIT	38.4	1.4338	0.0350
PDDC08	PDDJ08	PDDJ09	CONDUIT	38.2	0.5552	0.0350
PDDC09	PDDJ09	PDDJ10	CONDUIT	25.3	0.5379	0.0350
PDDC10	PDDJ10	PDDJ11	CONDUIT	32.9	2.5936	0.0350
PUB_rd_DC01	26578	25025	CONDUIT	78.4	0.9229	0.0350
PUB_rd_DC02	J36	25010	CONDUIT	21.2	0.5671	0.0350
PUB_rd_DC03	25010	PDDJ11	CONDUIT	20.0	0.5005	0.0350
PUB_rd_DC04	PDDJ11	26456	CONDUIT	24.8	0.2823	0.0350
PUB_rd_DC05	26419	16017	CONDUIT	46.7	1.2295	0.0350
PUB_rd_DC06	16017	16130	CONDUIT	71.4	0.0056	0.0350
PUB_rd_DC07	J2	16130	CONDUIT	79.3	0.0996	0.0350
PUB_rd_DC08	16094	J5	CONDUIT	134.3	0.2800	0.0350
SDC01	J49	J87	CONDUIT	33.1	3.0879	0.0450
SDC02	J87	J50	CONDUIT	46.3	2.4850	0.0450
SDC03	J50	J51	CONDUIT	17.9	2.9541	0.0450
SMC14	DDJ14	16130	CONDUIT	259.5	1.0978	0.0350
U012001	T012001	DDJ03	CONDUIT	65.5	1.6540	0.0350
U013002	T013002	DDJ01	CONDUIT	33.8	0.7672	0.0350
U013003	T013003	T013002	CONDUIT	22.4	0.7941	0.0350
U013004	T043003	T013003	CONDUIT	43.7	0.8177	0.0350
U013006_2	T013006	T043003	CONDUIT	5.7	3.1238	0.0350
U013007	T013007	T013006	CONDUIT	36.6	0.8478	0.0350
U013008	T013012	T013007	CONDUIT	125.0	1.4481	0.0350
U013015	T013016	T013012	CONDUIT	57.1	-0.0350	0.0350
U013019	T013019	T013016	CONDUIT	28.3	3.5419	0.0350

U013020	T013020	T013019	CONDUIT	23.0	1.4552	0.0350
U013021	T013021	T013020	CONDUIT	23.2	1.4391	0.0350
U013022	T013022	T013021	CONDUIT	53.4	0.6253	0.0350
U013023	T013023	T013022	CONDUIT	42.9	0.7765	0.0350
U013024	T013024	T013023	CONDUIT	28.5	1.1722	0.0350
U013025	T013025	T013024	CONDUIT	94.1	0.1817	0.0350
U013026	T013031	T013025	CONDUIT	95.9	1.0726	0.0350
U013032	T013032	T013031	CONDUIT	140.8	0.2771	0.0350
U013033	T013033	T013032	CONDUIT	117.1	0.4695	0.0350
U013034	T013037	T013033	CONDUIT	154.0	0.1818	0.0350
U013038	T013042	T013037	CONDUIT	63.3	-0.0316	0.0350
U013044	T013044	T013042	CONDUIT	91.4	0.0109	0.0350
U013045	T013045	T013044	CONDUIT	49.4	0.0202	0.0350
U014001	T014001	T013012	CONDUIT	20.8	0.0482	0.0350
U015002	T015003	T015001	CONDUIT	278.1	0.5752	0.0350
U016001	T016001	T013037	CONDUIT	114.9	0.0670	0.0350
U016002	T016003	T016001	CONDUIT	52.3	0.2928	0.0350
OR1	J38	PDDJ01	ORIFICE			

Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
AR02_HDPE450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.25
AR1_HDPE600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.55
C10	TRAPEZOIDAL	0.60	1.92	0.41	4.40	1	2.08
C100	A100	0.71	6.52	0.35	18.54	1	10.64
C101	A101	0.84	7.08	0.37	18.97	1	19.75
C103	A103	0.36	2.17	0.16	13.16	1	1.47
C129	TRAPEZOIDAL	0.49	0.98	0.31	2.98	1	0.95
C130	TRAPEZOIDAL	1.38	5.19	0.72	6.52	1	16.96
C131	TRAPEZOIDAL	1.26	3.79	0.62	5.53	1	17.85
C132_1	TRAPEZOIDAL	1.97	9.71	0.99	8.87	1	17.87
C132_2	TRAPEZOIDAL	1.13	3.68	0.61	5.52	1	2.42
C133	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	4.43
C134	TRAPEZOIDAL	0.84	2.24	0.47	4.35	1	3.80
C135	TRAPEZOIDAL	0.97	2.85	0.53	4.88	1	3.92
C136	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	1.88
C137	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	0.28
C1450_1	T-C1450_1	0.72	48.96	0.45	109.00	1	60.06
C20	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1	0.82
C25_3	A25	0.16	0.78	0.08	9.50	1	0.38
C26_1	TRAPEZOIDAL	0.30	0.48	0.20	2.20	1	0.21
C26_2	TRAPEZOIDAL	0.30	0.48	0.20	2.20	1	0.21
C26_5	TRAPEZOIDAL	0.73	1.78	0.42	3.90	1	1.93
C30	RECT_OPEN	0.30	0.60	0.23	2.00	1	1.63
C30_3	TRAPEZOIDAL	0.30	0.87	0.22	3.80	1	0.90
C36	TRAPEZOIDAL	0.45	0.87	0.29	2.82	1	0.48
C45	TRAPEZOIDAL	0.60	1.92	0.41	4.40	1	3.06
C46_1	TRAPEZOIDAL	0.55	1.16	0.33	3.20	1	0.65
C46_2	TRAPEZOIDAL	0.69	1.63	0.40	3.74	1	1.12
C47	TRAPEZOIDAL	0.61	1.35	0.36	3.44	1	0.86
C50	TRAPEZOIDAL	0.60	1.32	0.36	3.40	1	0.95
C57	A57	0.25	1.13	0.15	7.56	1	0.94
C60	TRAPEZOIDAL	0.69	2.99	0.49	5.74	1	2.92
C70	A70	0.95	25.32	0.62	40.00	1	52.78
C72	TRAPEZOIDAL	0.99	2.93	0.54	4.94	1	7.61
C75	TRAPEZOIDAL	1.00	4.00	0.62	6.00	1	6.26
C80	TRAPEZOIDAL	0.72	1.75	0.42	3.88	1	4.02
C81	A81	0.13	0.54	0.07	8.04	1	0.25
C86	TRAPEZOIDAL	1.00	4.00	0.62	6.00	1	6.01
C87	A87	0.60	5.37	0.36	14.68	1	7.64
C89	A89	0.68	5.95	0.38	15.45	1	13.32
C91	A91	0.83	4.29	0.43	9.35	1	6.54
C93	A93	0.74	4.44	0.28	16.58	1	2.84
C95	A95	0.60	3.11	0.23	13.46	1	0.65
C96	A96	1.00	11.25	0.62	17.88	1	32.28
C99	A99	1.02	10.34	0.56	18.28	1	21.92
DDC01	TRAPEZOIDAL	0.70	2.89	0.45	6.22	1	5.41
DDC02	TRAPEZOIDAL	0.84	3.83	0.52	7.06	1	5.38
DDC03	TRAPEZOIDAL	1.34	9.37	0.82	11.02	1	14.29
DDC04	TRAPEZOIDAL	1.29	8.86	0.79	10.74	1	13.57
DDC05	TRAPEZOIDAL	1.32	9.21	0.81	10.93	1	14.17
DDC06	TRAPEZOIDAL	1.33	9.32	0.82	10.99	1	18.92
DDC07	TRAPEZOIDAL	1.36	9.67	0.83	11.18	1	18.30
DDC08	TRAPEZOIDAL	1.13	7.21	0.71	9.77	1	12.79
DDC09	TRAPEZOIDAL	1.08	6.76	0.69	9.49	1	11.07
DDC10	TRAPEZOIDAL	0.99	5.88	0.64	8.92	1	11.43
DDC11	TRAPEZOIDAL	0.84	4.60	0.56	8.02	1	7.87
DDC12	TRAPEZOIDAL	0.79	3.43	0.49	6.72	1	5.98
DDC13	TRAPEZOIDAL	0.81	4.39	0.54	7.85	1	9.15

MDC01	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	5.94
MDC02	TRAPEZOIDAL	0.98	2.90	0.54	4.92	1	5.56
MDC03_HDPE600	CIRCULAR	0.75	0.44	0.19	0.75	1	1.73
MDC04	TRAPEZOIDAL	1.37	6.46	0.80	7.46	1	18.91
MDC05_HDPE900	CIRCULAR	0.90	0.64	0.23	0.90	1	2.45
NDC01	TRAPEZOIDAL	0.47	0.92	0.29	2.89	1	1.96
NDC02	TRAPEZOIDAL	0.47	0.92	0.29	2.89	1	0.95
NDC03	TRAPEZOIDAL	0.56	1.17	0.34	3.22	1	0.90
NDC04	TRAPEZOIDAL	0.66	1.55	0.39	3.66	1	1.32
NDC05	TRAPEZOIDAL	0.85	3.99	0.59	6.40	1	3.62
NDC06	TRAPEZOIDAL	0.85	2.30	0.48	4.40	1	1.51
NDC07	TRAPEZOIDAL	1.25	4.35	0.66	5.98	1	6.23
NDC08	TRAPEZOIDAL	1.26	4.42	0.67	6.03	1	11.26
NDC09_HDPE600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.43
NDC10	TRAPEZOIDAL	0.82	2.17	0.46	4.28	1	4.24
OFA_CC700	CIRCULAR	0.70	0.38	0.17	0.70	1	0.83
OFB_CC700	CIRCULAR	0.70	0.38	0.17	0.70	1	0.88
OFC_CC600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.33
PD_IS_HDPE300	CIRCULAR	0.30	0.07	0.07	0.30	1	0.19
PDDC01	TRAPEZOIDAL	0.49	0.73	0.27	2.46	1	0.55
PDDC02	TRAPEZOIDAL	0.57	0.93	0.31	2.78	1	0.68
PDDC03	TRAPEZOIDAL	0.86	1.90	0.44	3.93	1	1.92
PDDC04	TRAPEZOIDAL	1.62	6.07	0.78	6.98	1	8.85
PDDC05	TRAPEZOIDAL	1.61	6.00	0.78	6.94	1	7.89
PDDC06	TRAPEZOIDAL	0.68	1.27	0.36	3.23	1	0.90
PDDC07	TRAPEZOIDAL	0.60	1.02	0.32	2.90	1	1.63
PDDC08	TRAPEZOIDAL	0.80	1.68	0.41	3.70	1	1.98
PDDC09	TRAPEZOIDAL	0.80	1.68	0.41	3.70	1	1.95
PDDC10	TRAPEZOIDAL	0.80	1.68	0.41	3.70	1	4.28
PUB_rd_DC01	T-C61	1.40	31.09	1.06	28.33	1	88.90
PUB_rd_DC02	T-C71	0.39	4.46	0.17	26.00	1	2.95
PUB_rd_DC03	T-C74	0.96	12.73	0.52	24.00	1	16.72
PUB_rd_DC04	T-C76	0.89	9.82	0.54	18.00	1	9.88
PUB_rd_DC05	T-C84	0.77	30.99	0.57	54.00	1	67.19
PUB_rd_DC06	T-C97	1.77	85.87	0.94	89.98	1	17.67
PUB_rd_DC07	T-C1	1.19	26.94	0.97	27.26	1	23.83
PUB_rd_DC08	T-C8	1.38	56.32	0.90	62.00	1	79.31
SDC01	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	7.85
SDC02	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	7.04
SDC03	TRAPEZOIDAL	1.17	5.08	0.70	6.68	1	15.32
SMC14	T-SMC14	0.69	5.14	0.41	12.33	1	8.50
U012001	T-U012001	0.81	26.73	0.39	68.28	1	52.42
U013002	321	2.11	236.17	1.27	184.00	1	694.43
U013003	320	1.62	149.95	0.78	199.32	1	322.26
U013004	319	1.83	119.20	0.94	126.00	1	295.49
U013006_2	320	1.62	149.95	0.78	199.32	1	639.17
U013007	320	1.62	149.95	0.78	199.32	1	332.98
U013008	311	1.78	234.40	1.06	220.01	1	836.66
U013015	304	1.78	234.40	1.06	220.01	1	130.08
U013019	301	1.35	173.02	0.99	173.00	1	925.47
U013020	300	2.28	281.58	1.39	200.35	1	1207.68
U013021	299	2.80	352.47	1.56	223.17	1	1627.10
U013022	297	1.81	249.24	1.08	228.85	1	592.24
U013023	295	0.97	74.28	0.49	151.00	1	116.20
U013024	295	0.97	74.28	0.49	151.00	1	142.76
U013025	288	1.96	244.18	1.27	191.00	1	348.79
U013026	287	1.76	182.44	1.04	174.00	1	554.91
U013032	287	1.76	182.44	1.04	174.00	1	282.04
U013033	257	1.76	197.17	1.53	129.00	1	512.48
U013034	257	1.76	197.17	1.53	129.00	1	318.92
U013038	257	1.76	197.17	1.53	129.00	1	132.94
U013044	248	1.69	187.98	1.05	177.16	1	58.19
U013045	248	1.69	187.98	1.05	177.16	1	79.15
U014001	304	1.78	234.40	1.06	220.01	1	152.58
U015002	293	1.35	173.02	0.99	173.00	1	372.97
U016001	257	1.76	197.17	1.53	129.00	1	193.61
U016002	261	1.55	116.51	1.32	87.00	1	216.45

Transect Summary

Transect 248
Area:

0.0012	0.0050	0.0106	0.0178	0.0259
0.0340	0.0429	0.0542	0.0667	0.0796
0.0931	0.1071	0.1213	0.1358	0.1505
0.1653	0.1805	0.1959	0.2117	0.2280
0.2450	0.2628	0.2814	0.3011	0.3217
0.3427	0.3643	0.3862	0.4085	0.4313
0.4544	0.4779	0.5019	0.5264	0.5514
0.5777	0.6051	0.6334	0.6623	0.6915
0.7212	0.7514	0.7817	0.8122	0.8430

Hrad:	0.8740	0.9053	0.9367	0.9683	1.0000
	0.0147	0.0360	0.0555	0.0720	0.1021
	0.1321	0.1589	0.1781	0.1982	0.2216
	0.2454	0.2692	0.2933	0.3185	0.3437
	0.3688	0.3925	0.4125	0.4361	0.4582
	0.4791	0.4996	0.5155	0.5068	0.5203
	0.5389	0.5419	0.5629	0.5886	0.6148
	0.6408	0.6633	0.6801	0.7022	0.7193
	0.7297	0.7480	0.7373	0.7611	0.7846
	0.7929	0.8217	0.8502	0.8783	0.9060
	0.9332	0.9215	0.9501	0.9783	1.0000
Width:	0.0896	0.1428	0.2058	0.2484	0.2537
	0.2600	0.3086	0.3782	0.4019	0.4134
	0.4288	0.4432	0.4496	0.4564	0.4630
	0.4698	0.4780	0.4903	0.4994	0.5213
	0.5446	0.5717	0.5967	0.6361	0.6522
	0.6688	0.6790	0.6951	0.7034	0.7191
	0.7301	0.7426	0.7603	0.7731	0.8026
	0.8412	0.8758	0.8973	0.9097	0.9217
	0.9413	0.9473	0.9533	0.9597	0.9668
	0.9755	0.9824	0.9859	0.9897	1.0000
Transect 257					
Area:	0.0009	0.0043	0.0155	0.0326	0.0513
	0.0705	0.0900	0.1096	0.1293	0.1491
	0.1689	0.1889	0.2089	0.2290	0.2493
	0.2695	0.2899	0.3103	0.3308	0.3515
	0.3722	0.3930	0.4139	0.4349	0.4559
	0.4771	0.4983	0.5195	0.5408	0.5622
	0.5836	0.6050	0.6265	0.6481	0.6696
	0.6913	0.7129	0.7346	0.7564	0.7782
	0.8000	0.8219	0.8439	0.8659	0.8880
	0.9101	0.9323	0.9546	0.9772	1.0000
Hrad:	0.0127	0.0220	0.0268	0.0418	0.0625
	0.0832	0.1057	0.1281	0.1504	0.1726
	0.1947	0.2166	0.2384	0.2604	0.2824
	0.3042	0.3258	0.3473	0.3687	0.3899
	0.4110	0.4319	0.4528	0.4740	0.4951
	0.5162	0.5378	0.5594	0.5809	0.6024
	0.6239	0.6453	0.6669	0.6884	0.7098
	0.7312	0.7526	0.7739	0.7952	0.8162
	0.8371	0.8578	0.8785	0.8991	0.9196
	0.9389	0.9582	0.9758	0.9856	1.0000
Width:	0.0755	0.2466	0.6479	0.7914	0.8230
	0.8434	0.8478	0.8515	0.8552	0.8589
	0.8629	0.8673	0.8717	0.8749	0.8776
	0.8811	0.8847	0.8883	0.8922	0.8961
	0.9002	0.9045	0.9086	0.9119	0.9153
	0.9186	0.9207	0.9228	0.9250	0.9271
	0.9293	0.9313	0.9332	0.9351	0.9369
	0.9388	0.9406	0.9425	0.9443	0.9465
	0.9487	0.9511	0.9534	0.9558	0.9583
	0.9619	0.9656	0.9708	0.9839	1.0000
Transect 261					
Area:	0.0008	0.0049	0.0157	0.0315	0.0488
	0.0664	0.0840	0.1018	0.1196	0.1376
	0.1558	0.1743	0.1935	0.2136	0.2338
	0.2541	0.2745	0.2950	0.3157	0.3366
	0.3578	0.3791	0.4005	0.4221	0.4436
	0.4652	0.4869	0.5086	0.5303	0.5521
	0.5739	0.5958	0.6178	0.6398	0.6619
	0.6840	0.7062	0.7284	0.7507	0.7731
	0.7955	0.8179	0.8404	0.8630	0.8857
	0.9084	0.9311	0.9540	0.9769	1.0000
Hrad:	0.0094	0.0196	0.0284	0.0442	0.0654
	0.0881	0.1110	0.1338	0.1564	0.1789
	0.2007	0.2219	0.2336	0.2478	0.2699
	0.2919	0.3136	0.3352	0.3555	0.3749
	0.3926	0.4141	0.4355	0.4573	0.4795
	0.5017	0.5238	0.5458	0.5678	0.5896
	0.6110	0.6322	0.6534	0.6745	0.6959
	0.7172	0.7385	0.7597	0.7809	0.8018
	0.8225	0.8432	0.8638	0.8843	0.9045
	0.9247	0.9447	0.9641	0.9821	1.0000
Width:					
	0.1045	0.3072	0.6073	0.7380	0.7556

	0.7620	0.7661	0.7701	0.7741	0.7816
	0.7945	0.8097	0.8553	0.8719	0.8762
	0.8805	0.8852	0.8902	0.8979	0.9077
	0.9213	0.9251	0.9289	0.9319	0.9337
	0.9356	0.9374	0.9392	0.9411	0.9431
	0.9458	0.9486	0.9513	0.9540	0.9562
	0.9584	0.9606	0.9628	0.9650	0.9675
	0.9701	0.9727	0.9752	0.9779	0.9808
	0.9837	0.9866	0.9901	0.9951	1.0000

Transect 287

Area:	0.0007	0.0025	0.0050	0.0094	0.0150
	0.0223	0.0312	0.0412	0.0518	0.0631
	0.0748	0.0868	0.0993	0.1126	0.1265
	0.1407	0.1560	0.1732	0.1910	0.2097
	0.2296	0.2501	0.2709	0.2923	0.3143
	0.3369	0.3597	0.3827	0.4060	0.4294
	0.4533	0.4776	0.5023	0.5272	0.5524
	0.5781	0.6048	0.6325	0.6611	0.6903
	0.7198	0.7496	0.7796	0.8100	0.8406
	0.8715	0.9028	0.9344	0.9669	1.0000

Hrad:	0.0174	0.0403	0.0624	0.0700	0.0863
	0.1043	0.1231	0.1412	0.1615	0.1871
	0.2153	0.2428	0.2691	0.2752	0.3036
	0.3286	0.3363	0.3340	0.3621	0.3777
	0.3923	0.4087	0.4310	0.4572	0.4820
	0.4972	0.5269	0.5566	0.5871	0.6174
	0.6471	0.6655	0.6946	0.7232	0.7508
	0.7776	0.8016	0.7850	0.7803	0.8050
	0.8333	0.8613	0.8893	0.8900	0.9189
	0.9497	0.9802	0.9925	0.9932	1.0000

Width:	0.0388	0.0622	0.1001	0.1472	0.1932
	0.2439	0.2840	0.3062	0.3277	0.3432
	0.3525	0.3629	0.3840	0.4107	0.4181
	0.4292	0.4928	0.5252	0.5392	0.5788
	0.6051	0.6133	0.6294	0.6481	0.6639
	0.6780	0.6829	0.6894	0.6960	0.7026
	0.7203	0.7310	0.7387	0.7463	0.7564
	0.7833	0.8082	0.8416	0.8655	0.8768
	0.8839	0.8911	0.9005	0.9100	0.9179
	0.9267	0.9355	0.9539	0.9783	1.0000

Transect 288

Area:	0.0010	0.0041	0.0080	0.0120	0.0166
	0.0221	0.0281	0.0356	0.0450	0.0559
	0.0679	0.0809	0.0946	0.1096	0.1256
	0.1424	0.1601	0.1785	0.1973	0.2166
	0.2362	0.2562	0.2767	0.2976	0.3190
	0.3408	0.3630	0.3854	0.4081	0.4313
	0.4551	0.4794	0.5046	0.5303	0.5570
	0.5842	0.6121	0.6408	0.6699	0.6991
	0.7284	0.7581	0.7882	0.8183	0.8485
	0.8787	0.9089	0.9392	0.9695	1.0000

Hrad:	0.0152	0.0357	0.0624	0.0906	0.1150
	0.1343	0.1474	0.1574	0.1727	0.1854
	0.1964	0.2125	0.2323	0.2523	0.2716
	0.2912	0.3094	0.3223	0.3397	0.3603
	0.3816	0.4027	0.4234	0.4433	0.4642
	0.4773	0.5019	0.5261	0.5490	0.5716
	0.5843	0.6050	0.6063	0.6281	0.6415
	0.6642	0.6855	0.7086	0.7021	0.7300
	0.7578	0.7764	0.8003	0.8300	0.8597
	0.8893	0.9189	0.9476	0.9756	1.0000

Width:	0.0712	0.1182	0.1278	0.1435	0.1608
	0.1880	0.2146	0.2825	0.3407	0.3743
	0.4091	0.4352	0.4718	0.5087	0.5359
	0.5661	0.5886	0.6099	0.6231	0.6356
	0.6484	0.6618	0.6765	0.6914	0.7048
	0.7199	0.7286	0.7376	0.7480	0.7684
	0.7854	0.8099	0.8356	0.8533	0.8810
	0.8972	0.9292	0.9437	0.9542	0.9578
	0.9614	0.9781	0.9849	0.9860	0.9870
	0.9881	0.9891	0.9911	0.9938	1.0000

Transect 293

Area:	0.0002	0.0017	0.0076	0.0180	0.0315
	0.0464	0.0618	0.0777	0.0941	0.1106

Hrad:	0.1274	0.1444	0.1616	0.1788	0.1961
	0.2134	0.2308	0.2482	0.2657	0.2835
	0.3019	0.3211	0.3410	0.3615	0.3822
	0.4035	0.4256	0.4481	0.4709	0.4941
	0.5176	0.5414	0.5655	0.5897	0.6140
	0.6384	0.6629	0.6876	0.7125	0.7379
	0.7633	0.7888	0.8144	0.8401	0.8661
	0.8925	0.9193	0.9461	0.9730	1.0000
	0.0122	0.0174	0.0286	0.0426	0.0596
	0.0841	0.1083	0.1314	0.1552	0.1800
Width:	0.2047	0.2290	0.2554	0.2816	0.3078
	0.3339	0.3599	0.3859	0.4116	0.4365
	0.4603	0.4522	0.4721	0.4782	0.4958
	0.5115	0.5194	0.5446	0.5692	0.5932
	0.5929	0.6124	0.6356	0.6601	0.6832
	0.7072	0.7314	0.7553	0.7635	0.7873
	0.8113	0.8358	0.8602	0.8838	0.9065
	0.9044	0.9287	0.9532	0.9771	1.0000
	0.0201	0.1337	0.2971	0.4551	0.5431
	0.5612	0.5780	0.5961	0.6082	0.6168
Transect 295 Area:	0.6247	0.6328	0.6349	0.6370	0.6391
	0.6411	0.6430	0.6450	0.6525	0.6634
	0.6964	0.7225	0.7489	0.7581	0.7730
	0.8025	0.8218	0.8377	0.8487	0.8649
	0.8755	0.8866	0.8920	0.8954	0.9007
	0.9046	0.9081	0.9118	0.9347	0.9386
	0.9420	0.9449	0.9477	0.9514	0.9687
	0.9875	0.9903	0.9928	0.9960	1.0000
	0.0003	0.0010	0.0019	0.0030	0.0042
	0.0056	0.0069	0.0084	0.0100	0.0117
Hrad:	0.0135	0.0155	0.0190	0.0252	0.0351
	0.0484	0.0646	0.0820	0.1003	0.1191
	0.1385	0.1583	0.1787	0.1995	0.2207
	0.2424	0.2646	0.2869	0.3101	0.3335
	0.3572	0.3810	0.4053	0.4311	0.4591
	0.4887	0.5195	0.5513	0.5851	0.6198
	0.6554	0.6919	0.7293	0.7673	0.8055
	0.8439	0.8826	0.9215	0.9606	1.0000
	0.0211	0.0474	0.0750	0.1022	0.1327
	0.1618	0.1896	0.2165	0.2421	0.2666
Width:	0.2906	0.3103	0.3012	0.2603	0.2014
	0.1965	0.2057	0.2230	0.2483	0.2749
	0.3032	0.3311	0.3443	0.3772	0.4068
	0.4361	0.4694	0.5028	0.5239	0.5590
	0.5943	0.6263	0.6511	0.6805	0.6970
	0.7239	0.7510	0.7757	0.7070	0.7411
	0.7726	0.8025	0.7645	0.7946	0.8302
	0.8655	0.8985	0.9321	0.9655	1.0000
	0.0138	0.0211	0.0257	0.0296	0.0319
	0.0343	0.0366	0.0389	0.0413	0.0438
Transect 297 Area:	0.0463	0.0592	0.1186	0.1969	0.3025
	0.3850	0.4315	0.4577	0.4699	0.4830
	0.4954	0.5102	0.5230	0.5313	0.5434
	0.5560	0.5635	0.5706	0.5917	0.5966
	0.6009	0.6083	0.6272	0.6747	0.7351
	0.7626	0.7934	0.8281	0.8739	0.8887
	0.9079	0.9393	0.9541	0.9657	0.9703
	0.9751	0.9822	0.9885	0.9949	1.0000
	0.0003	0.0012	0.0025	0.0040	0.0056
	0.0084	0.0120	0.0159	0.0200	0.0249
Hrad:	0.0313	0.0386	0.0469	0.0565	0.0668
	0.0778	0.0900	0.1032	0.1195	0.1387
	0.1595	0.1808	0.2027	0.2253	0.2481
	0.2714	0.2950	0.3189	0.3435	0.3692
	0.3961	0.4243	0.4536	0.4832	0.5135
	0.5445	0.5759	0.6077	0.6400	0.6723
	0.7046	0.7371	0.7697	0.8025	0.8353
	0.8682	0.9010	0.9340	0.9670	1.0000
	0.0210	0.0338	0.0615	0.0872	0.1125
	0.0821	0.1107	0.1387	0.1656	0.1848
	0.1868	0.2053	0.2169	0.2088	0.2319
	0.2502	0.2638	0.2868	0.3016	0.3125
	0.3199	0.3376	0.3557	0.3394	0.3683

Width:	0.3942	0.4227	0.4496	0.4683	0.4932
	0.5153	0.5361	0.5195	0.5481	0.5728
	0.5993	0.6271	0.6498	0.6594	0.6909
	0.7226	0.7542	0.7812	0.8128	0.8449
	0.8770	0.9091	0.9407	0.9721	1.0000
	0.0130	0.0367	0.0414	0.0458	0.0582
	0.1068	0.1141	0.1201	0.1271	0.1706
	0.2122	0.2290	0.2743	0.3010	0.3178
	0.3550	0.3772	0.4301	0.5442	0.6067
	0.6343	0.6511	0.6704	0.6844	0.6929
Hrad:	0.7066	0.7157	0.7272	0.7583	0.7983
	0.8248	0.8727	0.8866	0.9028	0.9286
	0.9365	0.9548	0.9672	0.9722	0.9745
	0.9765	0.9784	0.9865	0.9883	0.9894
	0.9905	0.9916	0.9931	0.9948	1.0000
Transect 299					
Area:					
Hrad:	0.0012	0.0034	0.0066	0.0105	0.0152
	0.0213	0.0281	0.0355	0.0439	0.0533
	0.0647	0.0768	0.0897	0.1033	0.1182
	0.1342	0.1506	0.1678	0.1853	0.2031
	0.2211	0.2392	0.2578	0.2769	0.2961
	0.3155	0.3352	0.3552	0.3764	0.3984
	0.4209	0.4439	0.4675	0.4916	0.5163
	0.5415	0.5678	0.5961	0.6271	0.6596
	0.6925	0.7257	0.7592	0.7930	0.8271
	0.8615	0.8959	0.9304	0.9650	1.0000
Width:	0.0242	0.0503	0.0648	0.0936	0.1047
	0.1163	0.1443	0.1697	0.1867	0.1934
	0.1940	0.2191	0.2371	0.2672	0.2672
	0.2946	0.3210	0.3428	0.3737	0.4051
	0.4362	0.4670	0.4970	0.5137	0.5459
	0.5756	0.6023	0.6299	0.6304	0.6575
	0.6840	0.7094	0.7310	0.7536	0.7783
	0.8023	0.8189	0.8270	0.7493	0.7678
	0.7962	0.8250	0.8540	0.8295	0.8543
	0.8870	0.9207	0.9545	0.9882	1.0000
Width:	0.0555	0.0731	0.1023	0.1203	0.1465
	0.1846	0.2006	0.2183	0.2488	0.2908
	0.3354	0.3527	0.3805	0.3890	0.4448
	0.4581	0.4719	0.4924	0.4989	0.5043
	0.5097	0.5160	0.5317	0.5420	0.5455
	0.5512	0.5597	0.5715	0.6152	0.6280
	0.6421	0.6562	0.6732	0.6900	0.7031
	0.7240	0.7646	0.8355	0.9069	0.9248
	0.9340	0.9416	0.9482	0.9573	0.9693
	0.9721	0.9737	0.9752	0.9787	1.0000
Transect 300					
Area:					
Hrad:	0.0002	0.0016	0.0049	0.0095	0.0159
	0.0235	0.0316	0.0402	0.0492	0.0594
	0.0709	0.0849	0.0998	0.1151	0.1306
	0.1464	0.1626	0.1791	0.1963	0.2145
	0.2332	0.2525	0.2725	0.2931	0.3149
	0.3386	0.3632	0.3885	0.4140	0.4399
	0.4661	0.4924	0.5190	0.5456	0.5723
	0.5991	0.6260	0.6532	0.6806	0.7081
	0.7357	0.7633	0.7912	0.8195	0.8480
	0.8769	0.9065	0.9369	0.9680	1.0000
Width:	0.0147	0.0234	0.0418	0.0632	0.0735
	0.0960	0.1250	0.1494	0.1752	0.1952
	0.2107	0.2035	0.2149	0.2444	0.2731
	0.2992	0.3241	0.3521	0.3706	0.3960
	0.4204	0.4450	0.4580	0.4832	0.5058
	0.5265	0.5471	0.5680	0.5894	0.6109
	0.5773	0.6054	0.6342	0.6644	0.6951
	0.7257	0.7526	0.7752	0.8046	0.8346
	0.8649	0.8951	0.9235	0.9519	0.9803
	0.9872	0.9783	0.9914	1.0160	1.0000
Width:	0.0188	0.0841	0.1258	0.1720	0.2175
	0.2469	0.2552	0.2710	0.2902	0.3340
	0.4055	0.4463	0.4680	0.4746	0.4818
	0.4931	0.5056	0.5161	0.5487	0.5680
	0.5868	0.6042	0.6281	0.6434	0.7090
	0.7494	0.7699	0.7843	0.7929	0.8031
	0.8103	0.8161	0.8208	0.8235	0.8255
	0.8274	0.8335	0.8442	0.8472	0.8496

	0.8516	0.8542	0.8671	0.8754	0.8829
	0.9011	0.9267	0.9470	0.9711	1.0000
Transect 301					
Area:					
	0.0002	0.0017	0.0076	0.0180	0.0315
	0.0464	0.0618	0.0777	0.0941	0.1106
	0.1274	0.1444	0.1616	0.1788	0.1961
	0.2134	0.2308	0.2482	0.2657	0.2835
	0.3019	0.3211	0.3410	0.3615	0.3822
	0.4035	0.4256	0.4481	0.4709	0.4941
	0.5176	0.5414	0.5655	0.5897	0.6140
	0.6384	0.6629	0.6876	0.7125	0.7379
	0.7633	0.7888	0.8144	0.8401	0.8661
	0.8925	0.9193	0.9461	0.9730	1.0000
Hrad:					
	0.0122	0.0174	0.0286	0.0426	0.0596
	0.0841	0.1083	0.1314	0.1552	0.1800
	0.2047	0.2290	0.2554	0.2816	0.3078
	0.3339	0.3599	0.3859	0.4116	0.4365
	0.4603	0.4522	0.4721	0.4782	0.4958
	0.5115	0.5194	0.5446	0.5692	0.5932
	0.5929	0.6124	0.6356	0.6601	0.6832
	0.7072	0.7314	0.7553	0.7635	0.7873
	0.8113	0.8358	0.8602	0.8838	0.9065
	0.9044	0.9287	0.9532	0.9771	1.0000
Width:					
	0.0201	0.1337	0.2971	0.4551	0.5431
	0.5612	0.5780	0.5961	0.6082	0.6168
	0.6247	0.6328	0.6349	0.6370	0.6391
	0.6411	0.6430	0.6450	0.6525	0.6634
	0.6964	0.7225	0.7489	0.7581	0.7730
	0.8025	0.8218	0.8377	0.8487	0.8649
	0.8755	0.8866	0.8920	0.8954	0.9007
	0.9046	0.9081	0.9118	0.9347	0.9386
	0.9420	0.9449	0.9477	0.9514	0.9687
	0.9875	0.9903	0.9928	0.9960	1.0000
Transect 304					
Area:					
	0.0002	0.0013	0.0029	0.0049	0.0072
	0.0100	0.0131	0.0167	0.0209	0.0261
	0.0327	0.0401	0.0483	0.0577	0.0681
	0.0797	0.0920	0.1048	0.1185	0.1340
	0.1515	0.1710	0.1921	0.2151	0.2395
	0.2644	0.2898	0.3163	0.3438	0.3721
	0.4009	0.4303	0.4603	0.4905	0.5209
	0.5515	0.5825	0.6136	0.6449	0.6763
	0.7079	0.7396	0.7716	0.8036	0.8359
	0.8683	0.9009	0.9338	0.9668	1.0000
Hrad:					
	0.0134	0.0290	0.0533	0.0776	0.0918
	0.1125	0.1349	0.1442	0.1657	0.1587
	0.1521	0.1791	0.2024	0.2036	0.2252
	0.2475	0.2700	0.2807	0.3006	0.3202
	0.3352	0.3479	0.3618	0.3295	0.3253
	0.3553	0.3835	0.4081	0.4328	0.4586
	0.4601	0.4883	0.5113	0.5412	0.5716
	0.5975	0.6273	0.6581	0.6883	0.7178
	0.7467	0.7756	0.8058	0.8349	0.8635
	0.8927	0.9192	0.9462	0.9755	1.0000
Width:					
	0.0185	0.0446	0.0548	0.0631	0.0784
	0.0891	0.0975	0.1163	0.1360	0.1732
	0.2156	0.2243	0.2644	0.2941	0.3339
	0.3574	0.3747	0.3932	0.4417	0.4959
	0.5548	0.6122	0.6577	0.7166	0.7384
	0.7542	0.7712	0.8118	0.8365	0.8536
	0.8737	0.8904	0.9025	0.9085	0.9134
	0.9250	0.9305	0.9342	0.9385	0.9436
	0.9493	0.9548	0.9585	0.9634	0.9688
	0.9732	0.9806	0.9871	0.9912	1.0000
Transect 311					
Area:					
	0.0002	0.0013	0.0029	0.0049	0.0072
	0.0100	0.0131	0.0167	0.0209	0.0261
	0.0327	0.0401	0.0483	0.0577	0.0681
	0.0797	0.0920	0.1048	0.1185	0.1340
	0.1515	0.1710	0.1921	0.2151	0.2395
	0.2644	0.2898	0.3163	0.3438	0.3721
	0.4009	0.4303	0.4603	0.4905	0.5209
	0.5515	0.5825	0.6136	0.6449	0.6763
	0.7079	0.7396	0.7716	0.8036	0.8359

Hrad:	0.8683	0.9009	0.9338	0.9668	1.0000
	0.0134	0.0290	0.0533	0.0776	0.0918
	0.1125	0.1349	0.1442	0.1657	0.1587
	0.1521	0.1791	0.2024	0.2036	0.2252
	0.2475	0.2700	0.2807	0.3006	0.3202
	0.3352	0.3479	0.3618	0.3295	0.3253
	0.3553	0.3835	0.4081	0.4328	0.4586
	0.4601	0.4883	0.5113	0.5412	0.5716
	0.5975	0.6273	0.6581	0.6883	0.7178
	0.7467	0.7756	0.8058	0.8349	0.8635
	0.8927	0.9192	0.9462	0.9755	1.0000
Width:	0.0185	0.0446	0.0548	0.0631	0.0784
	0.0891	0.0975	0.1163	0.1360	0.1732
	0.2156	0.2243	0.2644	0.2941	0.3339
	0.3574	0.3747	0.3932	0.4417	0.4959
	0.5548	0.6122	0.6577	0.7166	0.7384
	0.7542	0.7712	0.8118	0.8365	0.8536
	0.8737	0.8904	0.9025	0.9085	0.9134
	0.9250	0.9305	0.9342	0.9385	0.9436
	0.9493	0.9548	0.9585	0.9634	0.9688
	0.9732	0.9806	0.9871	0.9912	1.0000
Transect 319					
Area:	0.0012	0.0045	0.0089	0.0142	0.0200
	0.0265	0.0345	0.0436	0.0539	0.0650
	0.0765	0.0885	0.1010	0.1141	0.1278
	0.1418	0.1564	0.1714	0.1868	0.2027
	0.2191	0.2361	0.2535	0.2714	0.2897
	0.3085	0.3278	0.3476	0.3679	0.3893
	0.4124	0.4361	0.4608	0.4862	0.5123
	0.5391	0.5667	0.5951	0.6242	0.6542
	0.6858	0.7185	0.7518	0.7856	0.8198
	0.8544	0.8893	0.9252	0.9621	1.0000
Hrad:	0.0186	0.0448	0.0711	0.0997	0.1271
	0.1351	0.1555	0.1745	0.1941	0.2229
	0.2529	0.2817	0.3046	0.3313	0.3582
	0.3854	0.4116	0.4370	0.4624	0.4868
	0.5113	0.5335	0.5573	0.5806	0.6063
	0.6301	0.6509	0.6737	0.6944	0.6639
	0.6837	0.7004	0.7141	0.7330	0.7507
	0.7718	0.7853	0.8030	0.8234	0.8206
	0.8284	0.8441	0.8703	0.8957	0.9245
	0.9538	0.9838	0.9803	0.9995	1.0000
Width:	0.0645	0.1000	0.1258	0.1424	0.1574
	0.1966	0.2225	0.2508	0.2783	0.2922
	0.3032	0.3148	0.3323	0.3453	0.3574
	0.3688	0.3807	0.3930	0.4048	0.4173
	0.4295	0.4434	0.4557	0.4684	0.4789
	0.4906	0.5046	0.5170	0.5308	0.5875
	0.6044	0.6239	0.6465	0.6646	0.6838
	0.6999	0.7231	0.7427	0.7597	0.7989
	0.8297	0.8530	0.8656	0.8785	0.8880
	0.8967	0.9046	0.9443	0.9628	1.0000
Transect 320					
Area:	0.0007	0.0025	0.0053	0.0086	0.0123
	0.0165	0.0214	0.0268	0.0328	0.0395
	0.0467	0.0546	0.0632	0.0723	0.0817
	0.0913	0.1012	0.1113	0.1218	0.1340
	0.1473	0.1613	0.1766	0.1942	0.2129
	0.2326	0.2531	0.2743	0.2968	0.3206
	0.3456	0.3720	0.3991	0.4277	0.4577
	0.4883	0.5195	0.5514	0.5840	0.6174
	0.6515	0.6870	0.7241	0.7620	0.8004
	0.8393	0.8785	0.9181	0.9582	1.0000
Hrad:	0.0209	0.0430	0.0724	0.1010	0.1301
	0.1533	0.1719	0.1956	0.2171	0.2366
	0.2598	0.2732	0.2956	0.3258	0.3583
	0.3906	0.4217	0.4504	0.4718	0.4310
	0.4482	0.4672	0.4771	0.4546	0.4786
	0.5004	0.5267	0.5544	0.5576	0.5757
	0.5951	0.5776	0.6080	0.6038	0.6298
	0.6586	0.6875	0.7119	0.7396	0.7612
	0.7890	0.7786	0.8059	0.8305	0.8627
	0.8969	0.9295	0.9622	0.9926	1.0000
Width:	0.0304	0.0568	0.0705	0.0821	0.0916

	0.1042	0.1202	0.1325	0.1461	0.1613
	0.1738	0.1930	0.2066	0.2144	0.2203
	0.2258	0.2318	0.2388	0.2495	0.3003
	0.3174	0.3336	0.3890	0.4223	0.4439
	0.4657	0.4834	0.5012	0.5405	0.5675
	0.5938	0.6222	0.6351	0.6843	0.7020
	0.7163	0.7300	0.7482	0.7628	0.7836
	0.7977	0.8524	0.8681	0.8863	0.8963
	0.9040	0.9131	0.9218	0.9433	1.0000

Transect 321

Area:	0.0006	0.0017	0.0034	0.0058	0.0087
	0.0121	0.0158	0.0199	0.0253	0.0312
	0.0374	0.0447	0.0531	0.0624	0.0727
	0.0844	0.0979	0.1129	0.1289	0.1458
	0.1636	0.1828	0.2030	0.2243	0.2464
	0.2701	0.2954	0.3220	0.3495	0.3776
	0.4062	0.4351	0.4646	0.4946	0.5250
	0.5557	0.5865	0.6174	0.6484	0.6797
	0.7111	0.7427	0.7743	0.8061	0.8381
	0.8701	0.9023	0.9347	0.9672	1.0000

Hrad:	0.0234	0.0436	0.0529	0.0702	0.0910
	0.1130	0.1344	0.1378	0.1472	0.1715
	0.1939	0.2123	0.2278	0.2437	0.2581
	0.2668	0.2705	0.2804	0.2918	0.3096
	0.3222	0.3401	0.3506	0.3668	0.3837
	0.3735	0.3846	0.3893	0.4162	0.4393
	0.4667	0.4927	0.5159	0.5398	0.5668
	0.5972	0.6275	0.6575	0.6866	0.7154
	0.7449	0.7744	0.8041	0.8338	0.8633
	0.8923	0.9204	0.9477	0.9750	1.0000

Width:	0.0265	0.0385	0.0638	0.0824	0.0961
	0.1072	0.1177	0.1451	0.1728	0.1824
	0.2042	0.2392	0.2690	0.2977	0.3326
	0.3764	0.4368	0.4715	0.5006	0.5252
	0.5698	0.5963	0.6329	0.6599	0.6835
	0.7491	0.7885	0.8301	0.8428	0.8626
	0.8733	0.8861	0.9037	0.9194	0.9296
	0.9335	0.9374	0.9416	0.9468	0.9522
	0.9566	0.9607	0.9644	0.9681	0.9718
	0.9760	0.9809	0.9867	0.9923	1.0000

Transect A100

Area:	0.0007	0.0026	0.0059	0.0106	0.0160
	0.0221	0.0289	0.0363	0.0445	0.0535
	0.0633	0.0739	0.0849	0.0963	0.1084
	0.1218	0.1376	0.1555	0.1742	0.1936
	0.2135	0.2339	0.2548	0.2761	0.2979
	0.3201	0.3428	0.3659	0.3895	0.4134
	0.4378	0.4625	0.4877	0.5133	0.5393
	0.5657	0.5926	0.6201	0.6480	0.6765
	0.7055	0.7350	0.7650	0.7956	0.8267
	0.8583	0.8909	0.9248	0.9606	1.0000

Hrad:	0.0204	0.0408	0.0612	0.0838	0.1127
	0.1399	0.1657	0.1907	0.2114	0.2314
	0.2515	0.2783	0.3090	0.3360	0.3527
	0.3681	0.3790	0.3454	0.3711	0.4013
	0.4315	0.4614	0.4916	0.5213	0.5507
	0.5797	0.6087	0.6383	0.6675	0.6965
	0.7251	0.7534	0.7815	0.8094	0.8367
	0.8626	0.8863	0.9100	0.9335	0.9570
	0.9803	1.0035	1.0262	1.0485	1.0708
	1.0916	1.0909	1.0916	1.0530	1.0000

Width:	0.0325	0.0650	0.0975	0.1263	0.1424
	0.1586	0.1748	0.1909	0.2108	0.2315
	0.2522	0.2659	0.2751	0.2868	0.3075
	0.3589	0.4202	0.4509	0.4702	0.4832
	0.4956	0.5076	0.5189	0.5302	0.5415
	0.5528	0.5636	0.5737	0.5838	0.5939
	0.6039	0.6140	0.6241	0.6342	0.6445
	0.6557	0.6685	0.6812	0.6940	0.7067
	0.7194	0.7322	0.7452	0.7585	0.7717
	0.7860	0.8165	0.8509	0.9279	1.0000

Transect A101

Area:	0.0010	0.0042	0.0091	0.0150	0.0217
	0.0292	0.0372	0.0457	0.0547	0.0642

Hrad:	0.0743	0.0848	0.0958	0.1072	0.1192
	0.1315	0.1444	0.1577	0.1714	0.1856
	0.2001	0.2149	0.2301	0.2457	0.2617
	0.2780	0.2947	0.3118	0.3292	0.3470
	0.3652	0.3838	0.4027	0.4227	0.4461
	0.4746	0.5042	0.5339	0.5639	0.5947
	0.6273	0.6618	0.6985	0.7394	0.7812
	0.8237	0.8669	0.9106	0.9550	1.0000
	0.0228	0.0456	0.0760	0.1086	0.1390
	0.1705	0.2041	0.2364	0.2677	0.2980
Width:	0.3276	0.3565	0.3860	0.4150	0.4435
	0.4716	0.4992	0.5265	0.5534	0.5845
	0.6164	0.6454	0.6742	0.7026	0.7307
	0.7586	0.7862	0.8136	0.8408	0.8677
	0.8945	0.9211	0.9461	0.9483	0.9238
	0.7291	0.7686	0.8077	0.8467	0.8841
	0.9183	0.9499	0.9613	0.8062	0.8385
	0.8706	0.9033	0.9358	0.9680	1.0000
	0.0462	0.0923	0.1208	0.1387	0.1567
	0.1716	0.1826	0.1936	0.2047	0.2157
Transect A103 Area:	0.2267	0.2378	0.2479	0.2581	0.2682
	0.2784	0.2886	0.2987	0.3089	0.3165
	0.3234	0.3316	0.3399	0.3481	0.3563
	0.3646	0.3728	0.3810	0.3893	0.3975
	0.4057	0.4140	0.4228	0.4703	0.5891
	0.6494	0.6544	0.6593	0.6643	0.7003
	0.7403	0.7830	0.8510	0.9167	0.9313
	0.9459	0.9595	0.9730	0.9865	1.0000
	0.0019	0.0076	0.0153	0.0236	0.0324
	0.0418	0.0518	0.0623	0.0733	0.0847
Hrad:	0.0966	0.1088	0.1214	0.1344	0.1478
	0.1616	0.1758	0.1904	0.2054	0.2208
	0.2366	0.2527	0.2693	0.2863	0.3038
	0.3216	0.3399	0.3587	0.3778	0.3974
	0.4175	0.4379	0.4588	0.4802	0.5019
	0.5241	0.5467	0.5698	0.5937	0.6190
	0.6458	0.6754	0.7106	0.7501	0.7902
	0.8307	0.8720	0.9140	0.9566	1.0000
	0.0219	0.0450	0.0841	0.1210	0.1561
	0.1896	0.2219	0.2530	0.2854	0.3187
Width:	0.3512	0.3830	0.4142	0.4448	0.4749
	0.5046	0.5338	0.5626	0.5910	0.6191
	0.6469	0.6744	0.7006	0.7261	0.7514
	0.7766	0.8016	0.8264	0.8511	0.8757
	0.9001	0.9245	0.9487	0.9729	0.9969
	1.0209	1.0447	1.0654	1.0536	1.0382
	1.0266	0.9715	0.8843	0.8231	0.8577
	0.8879	0.9162	0.9444	0.9723	1.0000
	0.0873	0.1701	0.1828	0.1955	0.2082
	0.2209	0.2336	0.2463	0.2570	0.2660
Transect A109 Area:	0.2750	0.2841	0.2931	0.3021	0.3112
	0.3202	0.3292	0.3382	0.3473	0.3563
	0.3653	0.3744	0.3839	0.3938	0.4037
	0.4136	0.4235	0.4334	0.4433	0.4532
	0.4631	0.4729	0.4828	0.4927	0.5026
	0.5125	0.5224	0.5339	0.5626	0.5954
	0.6285	0.7360	0.8739	0.9112	0.9211
	0.9355	0.9516	0.9677	0.9839	1.0000
	0.0006	0.0025	0.0057	0.0102	0.0159
	0.0225	0.0298	0.0377	0.0463	0.0555
Hrad:	0.0653	0.0757	0.0866	0.0982	0.1103
	0.1231	0.1364	0.1504	0.1650	0.1804
	0.1965	0.2133	0.2308	0.2490	0.2679
	0.2876	0.3080	0.3292	0.3511	0.3738
	0.3972	0.4215	0.4469	0.4735	0.5012
	0.5299	0.5591	0.5887	0.6187	0.6494
	0.6809	0.7133	0.7466	0.7806	0.8153
	0.8508	0.8870	0.9239	0.9616	1.0000
	0.0183	0.0367	0.0550	0.0733	0.0939
	0.1190	0.1429	0.1666	0.1909	0.2144
	0.2373	0.2597	0.2817	0.3032	0.3245
	0.3455	0.3663	0.3857	0.4026	0.4196
	0.4367	0.4546	0.4728	0.4909	0.5091

Width:	0.5256	0.5423	0.5591	0.5760	0.5930
	0.6101	0.6220	0.6294	0.6378	0.6471
	0.6700	0.6965	0.7229	0.7489	0.7743
	0.7986	0.8173	0.8404	0.8643	0.8878
	0.9109	0.9337	0.9561	0.9782	1.0000
	0.0329	0.0658	0.0986	0.1315	0.1601
	0.1785	0.1968	0.2140	0.2293	0.2446
	0.2598	0.2751	0.2904	0.3057	0.3210
	0.3363	0.3516	0.3680	0.3869	0.4057
	0.4246	0.4428	0.4608	0.4788	0.4968
Hrad:	0.5164	0.5360	0.5556	0.5752	0.5948
	0.6144	0.6396	0.6701	0.7006	0.7311
	0.7465	0.7576	0.7686	0.7826	0.8021
	0.8220	0.8471	0.8673	0.8863	0.9052
	0.9242	0.9431	0.9621	0.9810	1.0000
	0.0010	0.0035	0.0067	0.0107	0.0154
	0.0208	0.0270	0.0339	0.0415	0.0500
	0.0592	0.0690	0.0793	0.0902	0.1016
	0.1136	0.1261	0.1392	0.1528	0.1670
	0.1818	0.1971	0.2140	0.2342	0.2555
Width:	0.2776	0.3006	0.3244	0.3489	0.3737
	0.3987	0.4240	0.4498	0.4761	0.5030
	0.5307	0.5593	0.5902	0.6216	0.6534
	0.6857	0.7184	0.7516	0.7854	0.8198
	0.8548	0.8904	0.9264	0.9630	1.0000
	0.0189	0.0455	0.0703	0.0931	0.1147
	0.1361	0.1560	0.1751	0.1941	0.2131
	0.2342	0.2585	0.2818	0.3048	0.3273
	0.3495	0.3713	0.3925	0.4135	0.4343
	0.4550	0.4694	0.4639	0.4241	0.4433
Hrad:	0.4635	0.4840	0.5044	0.5326	0.5652
	0.5975	0.6224	0.6468	0.6709	0.6926
	0.7057	0.7034	0.7077	0.7348	0.7617
	0.7884	0.8138	0.8358	0.8576	0.8793
	0.9025	0.9255	0.9484	0.9729	1.0000
	0.0524	0.0777	0.0972	0.1167	0.1363
	0.1553	0.1753	0.1962	0.2171	0.2380
	0.2565	0.2708	0.2854	0.3001	0.3148
	0.3295	0.3443	0.3594	0.3746	0.3897
	0.4049	0.4256	0.5056	0.5599	0.5843
Width:	0.6073	0.6297	0.6521	0.6638	0.6693
	0.6747	0.6882	0.7020	0.7158	0.7320
	0.7575	0.8007	0.8395	0.8509	0.8623
	0.8737	0.8862	0.9024	0.9186	0.9347
	0.9491	0.9635	0.9779	0.9903	1.0000
	0.0028	0.0095	0.0168	0.0246	0.0327
	0.0413	0.0503	0.0598	0.0697	0.0800
	0.0908	0.1020	0.1136	0.1257	0.1382
	0.1515	0.1655	0.1802	0.1956	0.2117
	0.2285	0.2465	0.2659	0.2864	0.3077
Hrad:	0.3295	0.3518	0.3747	0.3980	0.4219
	0.4463	0.4712	0.4966	0.5224	0.5484
	0.5748	0.6016	0.6288	0.6563	0.6842
	0.7125	0.7411	0.7701	0.8000	0.8308
	0.8627	0.8955	0.9293	0.9641	1.0000
	0.0187	0.0502	0.0835	0.1151	0.1454
	0.1745	0.2025	0.2298	0.2562	0.2820
	0.3073	0.3320	0.3562	0.3801	0.3973
	0.4129	0.4288	0.4448	0.4610	0.4775
	0.4892	0.4907	0.4944	0.5067	0.5310
Width:	0.5550	0.5788	0.6024	0.6257	0.6488
	0.6718	0.6945	0.7209	0.7480	0.7734
	0.7986	0.8235	0.8482	0.8727	0.8970
	0.9211	0.9449	0.9631	0.9670	0.9718
	0.9775	0.9847	0.9926	1.0010	1.0000
	0.1519	0.1934	0.2052	0.2171	0.2289
	0.2407	0.2526	0.2644	0.2762	0.2881
	0.2999	0.3118	0.3236	0.3354	0.3529
	0.3722	0.3915	0.4109	0.4303	0.4497
	0.4740	0.5099	0.5457	0.5738	0.5881
Width:	0.6024	0.6167	0.6310	0.6454	0.6597
	0.6740	0.6883	0.6982	0.7068	0.7169
	0.7269	0.7370	0.7470	0.7570	0.7671

	0.7771	0.7872	0.8019	0.8293	0.8566
	0.8838	0.9103	0.9368	0.9633	1.0000
Transect A116					
Area:					
	0.0004	0.0017	0.0038	0.0068	0.0106
	0.0149	0.0198	0.0254	0.0315	0.0382
	0.0455	0.0532	0.0614	0.0698	0.0786
	0.0876	0.0970	0.1066	0.1165	0.1267
	0.1372	0.1480	0.1591	0.1705	0.1841
	0.1992	0.2151	0.2317	0.2491	0.2673
	0.2883	0.3124	0.3384	0.3665	0.3964
	0.4283	0.4617	0.4958	0.5307	0.5663
	0.6042	0.6444	0.6858	0.7279	0.7708
	0.8146	0.8593	0.9048	0.9514	1.0000
Hrad:					
	0.0248	0.0495	0.0743	0.0991	0.1297
	0.1595	0.1881	0.2160	0.2433	0.2701
	0.2966	0.3310	0.3650	0.4011	0.4365
	0.4711	0.5052	0.5386	0.5715	0.6040
	0.6360	0.6676	0.6988	0.7297	0.7500
	0.7665	0.7840	0.8020	0.8149	0.8228
	0.8252	0.8245	0.8203	0.8165	0.8151
	0.8160	0.6861	0.7192	0.7519	0.7843
	0.7543	0.7812	0.8100	0.8455	0.8790
	0.9122	0.9452	0.9779	0.9917	1.0000
Width:					
	0.0172	0.0345	0.0517	0.0690	0.0815
	0.0935	0.1054	0.1173	0.1292	0.1412
	0.1531	0.1606	0.1679	0.1738	0.1796
	0.1855	0.1914	0.1973	0.2032	0.2091
	0.2150	0.2209	0.2267	0.2326	0.2394
	0.3137	0.3280	0.3423	0.3586	0.3769
	0.4660	0.5055	0.5464	0.5853	0.6242
	0.6631	0.6811	0.6963	0.7115	0.7267
	0.8000	0.8228	0.8436	0.8582	0.8753
	0.8925	0.9097	0.9268	0.9605	1.0000
Transect A16					
Area:					
	0.0011	0.0048	0.0125	0.0220	0.0320
	0.0425	0.0534	0.0649	0.0769	0.0894
	0.1028	0.1169	0.1318	0.1475	0.1640
	0.1815	0.2000	0.2192	0.2391	0.2596
	0.2807	0.3024	0.3248	0.3477	0.3708
	0.3941	0.4175	0.4412	0.4650	0.4890
	0.5132	0.5375	0.5619	0.5865	0.6113
	0.6362	0.6612	0.6864	0.7117	0.7372
	0.7628	0.7885	0.8144	0.8405	0.8667
	0.8930	0.9195	0.9461	0.9728	1.0000
Hrad:					
	0.0139	0.0261	0.0378	0.0631	0.0872
	0.1105	0.1329	0.1546	0.1757	0.1924
	0.2086	0.2246	0.2404	0.2551	0.2682
	0.2816	0.2950	0.3120	0.3301	0.3479
	0.3654	0.3828	0.4000	0.4208	0.4450
	0.4691	0.4930	0.5167	0.5403	0.5636
	0.5874	0.6113	0.6350	0.6586	0.6821
	0.7054	0.7286	0.7516	0.7746	0.7974
	0.8201	0.8426	0.8651	0.8874	0.9096
	0.9317	0.9537	0.9756	0.9973	1.0000
Width:					
	0.0802	0.2058	0.3363	0.3541	0.3719
	0.3898	0.4076	0.4254	0.4433	0.4711
	0.4992	0.5274	0.5555	0.5857	0.6198
	0.6534	0.6868	0.7120	0.7342	0.7563
	0.7785	0.8006	0.8228	0.8370	0.8435
	0.8499	0.8564	0.8629	0.8694	0.8759
	0.8815	0.8867	0.8919	0.8971	0.9024
	0.9076	0.9128	0.9180	0.9233	0.9285
	0.9337	0.9389	0.9442	0.9494	0.9546
	0.9598	0.9651	0.9703	0.9756	1.0000
Transect A25					
Area:					
	0.0069	0.0156	0.0246	0.0340	0.0439
	0.0541	0.0648	0.0759	0.0874	0.0993
	0.1116	0.1243	0.1374	0.1510	0.1649
	0.1793	0.1941	0.2093	0.2249	0.2409
	0.2573	0.2742	0.2915	0.3093	0.3278
	0.3468	0.3664	0.3866	0.4074	0.4288
	0.4508	0.4733	0.4965	0.5203	0.5447
	0.5698	0.5955	0.6220	0.6491	0.6770
	0.7055	0.7347	0.7646	0.7952	0.8265

Hrad:	0.8584	0.8915	0.9261	0.9623	1.0000
	0.0316	0.0675	0.1019	0.1350	0.1670
	0.1979	0.2280	0.2573	0.2858	0.3137
	0.3410	0.3678	0.3942	0.4201	0.4456
	0.4707	0.4955	0.5199	0.5438	0.5675
	0.5910	0.6142	0.6359	0.6527	0.6696
	0.6867	0.7039	0.7212	0.7386	0.7561
	0.7737	0.7914	0.8091	0.8269	0.8422
	0.8571	0.8723	0.8876	0.9032	0.9189
	0.9348	0.9508	0.9670	0.9833	0.9997
	1.0139	1.0082	1.0004	0.9949	1.0000
Width:	0.2198	0.2306	0.2413	0.2521	0.2628
	0.2735	0.2843	0.2950	0.3057	0.3165
	0.3272	0.3379	0.3487	0.3594	0.3702
	0.3809	0.3916	0.4025	0.4135	0.4244
	0.4354	0.4464	0.4583	0.4738	0.4893
	0.5049	0.5204	0.5359	0.5514	0.5669
	0.5825	0.5980	0.6135	0.6290	0.6466
	0.6646	0.6826	0.7006	0.7186	0.7366
	0.7546	0.7726	0.7906	0.8086	0.8266
	0.8465	0.8842	0.9257	0.9672	1.0000
Transect A36					
Area:	0.0014	0.0049	0.0097	0.0158	0.0227
	0.0302	0.0381	0.0468	0.0582	0.0717
	0.0868	0.1026	0.1188	0.1354	0.1525
	0.1701	0.1881	0.2066	0.2255	0.2449
	0.2648	0.2851	0.3058	0.3269	0.3484
	0.3704	0.3927	0.4155	0.4386	0.4621
	0.4860	0.5102	0.5348	0.5598	0.5851
	0.6108	0.6368	0.6631	0.6898	0.7167
	0.7440	0.7716	0.7995	0.8277	0.8562
	0.8848	0.9134	0.9422	0.9710	1.0000
Hrad:	0.0147	0.0345	0.0517	0.0685	0.0918
	0.1144	0.1360	0.1552	0.1673	0.1780
	0.1624	0.1864	0.2100	0.2330	0.2554
	0.2773	0.2989	0.3201	0.3410	0.3616
	0.3827	0.4037	0.4244	0.4448	0.4650
	0.4851	0.5049	0.5253	0.5458	0.5661
	0.5863	0.6063	0.6261	0.6457	0.6653
	0.6850	0.7056	0.7261	0.7464	0.7665
	0.7866	0.8065	0.8263	0.8460	0.8710
	0.8969	0.9228	0.9486	0.9744	1.0000
Width:	0.0973	0.1425	0.1877	0.2305	0.2479
	0.2639	0.2799	0.3451	0.4309	0.4991
	0.5350	0.5505	0.5659	0.5813	0.5973
	0.6134	0.6294	0.6455	0.6615	0.6776
	0.6921	0.7064	0.7208	0.7351	0.7494
	0.7637	0.7780	0.7911	0.8038	0.8164
	0.8290	0.8417	0.8543	0.8669	0.8796
	0.8917	0.9026	0.9134	0.9243	0.9351
	0.9460	0.9568	0.9677	0.9785	0.9831
	0.9865	0.9898	0.9932	0.9966	1.0000
Transect A50					
Area:	0.0020	0.0078	0.0169	0.0267	0.0369
	0.0476	0.0587	0.0703	0.0824	0.0950
	0.1080	0.1215	0.1354	0.1498	0.1647
	0.1800	0.1958	0.2120	0.2288	0.2460
	0.2636	0.2818	0.3005	0.3196	0.3393
	0.3595	0.3802	0.4013	0.4230	0.4452
	0.4678	0.4910	0.5147	0.5388	0.5635
	0.5887	0.6144	0.6408	0.6678	0.6952
	0.7230	0.7513	0.7799	0.8090	0.8385
	0.8684	0.8988	0.9308	0.9647	1.0000
Hrad:	0.0181	0.0362	0.0642	0.0966	0.1277
	0.1576	0.1866	0.2147	0.2420	0.2687
	0.2947	0.3202	0.3452	0.3698	0.3940
	0.4177	0.4412	0.4643	0.4870	0.5092
	0.5311	0.5523	0.5733	0.5941	0.6148
	0.6354	0.6558	0.6762	0.6964	0.7165
	0.7365	0.7565	0.7764	0.7961	0.8159
	0.8355	0.8507	0.8652	0.8845	0.9062
	0.9278	0.9492	0.9705	0.9917	1.0127
	1.0336	1.0387	1.0111	0.9916	1.0000
Width:	0.1094	0.2187	0.2663	0.2792	0.2922

	0.3052	0.3181	0.3311	0.3441	0.3571
	0.3700	0.3830	0.3960	0.4089	0.4219
	0.4349	0.4478	0.4608	0.4739	0.4873
	0.5008	0.5147	0.5287	0.5426	0.5566
	0.5706	0.5846	0.5985	0.6125	0.6265
	0.6404	0.6544	0.6684	0.6823	0.6963
	0.7103	0.7280	0.7466	0.7606	0.7722
	0.7837	0.7952	0.8067	0.8182	0.8298
	0.8413	0.8659	0.9211	0.9733	1.0000

Transect A57

Area:	0.0025	0.0100	0.0195	0.0296	0.0402
	0.0514	0.0631	0.0753	0.0881	0.1014
	0.1153	0.1297	0.1446	0.1601	0.1761
	0.1927	0.2098	0.2274	0.2455	0.2641
	0.2831	0.3023	0.3218	0.3416	0.3617
	0.3821	0.4027	0.4237	0.4449	0.4665
	0.4883	0.5105	0.5332	0.5562	0.5797
	0.6036	0.6279	0.6526	0.6778	0.7033
	0.7293	0.7559	0.7835	0.8121	0.8417
	0.8722	0.9033	0.9350	0.9672	1.0000

Hrad:	0.0169	0.0365	0.0673	0.0967	0.1247
	0.1518	0.1778	0.2031	0.2277	0.2516
	0.2751	0.2980	0.3205	0.3426	0.3643
	0.3861	0.4078	0.4293	0.4506	0.4738
	0.4995	0.5249	0.5499	0.5747	0.5992
	0.6234	0.6474	0.6711	0.6946	0.7179
	0.7395	0.7582	0.7768	0.7953	0.8138
	0.8321	0.8504	0.8685	0.8867	0.9047
	0.9227	0.9240	0.9240	0.9252	0.9273
	0.9359	0.9519	0.9679	0.9840	1.0000

Width:	0.1525	0.2798	0.2962	0.3127	0.3291
	0.3455	0.3619	0.3783	0.3947	0.4111
	0.4275	0.4439	0.4603	0.4767	0.4932
	0.5091	0.5246	0.5402	0.5557	0.5682
	0.5769	0.5857	0.5944	0.6032	0.6119
	0.6207	0.6294	0.6382	0.6469	0.6556
	0.6658	0.6784	0.6910	0.7036	0.7162
	0.7288	0.7415	0.7541	0.7667	0.7793
	0.7919	0.8195	0.8493	0.8792	0.9090
	0.9331	0.9498	0.9665	0.9833	1.0000

Transect A70

Area:	0.0002	0.0007	0.0015	0.0027	0.0051
	0.0099	0.0173	0.0278	0.0433	0.0599
	0.0768	0.0939	0.1114	0.1291	0.1472
	0.1657	0.1846	0.2038	0.2233	0.2431
	0.2632	0.2836	0.3044	0.3256	0.3471
	0.3690	0.3911	0.4135	0.4363	0.4593
	0.4826	0.5063	0.5303	0.5546	0.5793
	0.6045	0.6303	0.6571	0.6846	0.7124
	0.7404	0.7685	0.7968	0.8253	0.8540
	0.8828	0.9118	0.9409	0.9702	1.0000

Hrad:	0.0153	0.0305	0.0458	0.0610	0.0635
	0.0641	0.0718	0.0807	0.0801	0.1091
	0.1376	0.1656	0.1927	0.2194	0.2442
	0.2682	0.2940	0.3194	0.3446	0.3697
	0.3945	0.4163	0.4378	0.4607	0.4833
	0.5066	0.5298	0.5526	0.5750	0.5972
	0.6188	0.6401	0.6609	0.6812	0.6990
	0.7134	0.7278	0.7253	0.7441	0.7684
	0.7932	0.8177	0.8422	0.8671	0.8920
	0.9168	0.9414	0.9660	0.9835	1.0000

Width:	0.0114	0.0229	0.0343	0.0457	0.1145
	0.2010	0.2939	0.4215	0.5507	0.5591
	0.5676	0.5763	0.5866	0.5969	0.6111
	0.6262	0.6360	0.6459	0.6555	0.6647
	0.6740	0.6879	0.7018	0.7131	0.7243
	0.7341	0.7438	0.7536	0.7637	0.7738
	0.7845	0.7952	0.8064	0.8180	0.8324
	0.8510	0.8695	0.9098	0.9238	0.9304
	0.9364	0.9424	0.9484	0.9538	0.9589
	0.9641	0.9692	0.9744	0.9867	1.0000

Transect A72

Area:	0.0004	0.0015	0.0034	0.0060	0.0094
	0.0135	0.0184	0.0244	0.0330	0.0429

Hrad:	0.0541	0.0665	0.0801	0.0947	0.1101
	0.1260	0.1424	0.1594	0.1769	0.1950
	0.2135	0.2325	0.2518	0.2716	0.2917
	0.3122	0.3331	0.3544	0.3761	0.3986
	0.4223	0.4474	0.4739	0.5016	0.5302
	0.5595	0.5892	0.6191	0.6493	0.6798
	0.7105	0.7415	0.7727	0.8042	0.8360
	0.8681	0.9005	0.9333	0.9664	1.0000
	0.0170	0.0340	0.0510	0.0680	0.0850
	0.1020	0.1190	0.1122	0.1207	0.1384
Width:	0.1560	0.1739	0.1934	0.2129	0.2390
	0.2646	0.2896	0.3141	0.3381	0.3617
	0.3871	0.4128	0.4382	0.4632	0.4879
	0.5124	0.5365	0.5604	0.5797	0.5871
	0.5881	0.5892	0.5949	0.6017	0.6215
	0.6428	0.6706	0.6983	0.7257	0.7530
	0.7800	0.8069	0.8335	0.8600	0.8863
	0.9103	0.9329	0.9554	0.9778	1.0000
	0.0223	0.0446	0.0669	0.0892	0.1115
	0.1338	0.1560	0.2193	0.2756	0.3125
Transect A80 Area:	0.3494	0.3854	0.4171	0.4481	0.4639
	0.4797	0.4955	0.5113	0.5271	0.5429
	0.5556	0.5672	0.5788	0.5903	0.6019
	0.6135	0.6251	0.6366	0.6532	0.6836
	0.7230	0.7647	0.8021	0.8394	0.8587
	0.8757	0.8834	0.8911	0.8988	0.9065
	0.9142	0.9219	0.9296	0.9373	0.9450
	0.9550	0.9663	0.9775	0.9888	1.0000
	0.0012	0.0046	0.0105	0.0182	0.0264
	0.0351	0.0441	0.0536	0.0635	0.0739
Hrad:	0.0846	0.0958	0.1074	0.1193	0.1318
	0.1446	0.1578	0.1713	0.1853	0.1997
	0.2144	0.2296	0.2451	0.2610	0.2774
	0.2943	0.3115	0.3293	0.3474	0.3660
	0.3851	0.4045	0.4246	0.4452	0.4663
	0.4881	0.5103	0.5333	0.5573	0.5824
	0.6085	0.6378	0.6779	0.7213	0.7656
	0.8106	0.8565	0.9033	0.9512	1.0000
	0.0248	0.0497	0.0745	0.1123	0.1550
	0.1959	0.2352	0.2732	0.3100	0.3459
Width:	0.3808	0.4149	0.4483	0.4810	0.5134
	0.5462	0.5785	0.6103	0.6416	0.6726
	0.7032	0.7334	0.7623	0.7897	0.8168
	0.8438	0.8707	0.8974	0.9241	0.9506
	0.9770	1.0011	1.0214	1.0420	1.0628
	1.0837	1.1049	1.1126	1.1112	1.1120
	1.1148	0.8397	0.7821	0.8106	0.8453
	0.8796	0.9116	0.9413	0.9707	1.0000
	0.0471	0.0942	0.1413	0.1628	0.1712
	0.1797	0.1881	0.1966	0.2050	0.2135
Transect A81 Area:	0.2220	0.2304	0.2389	0.2473	0.2556
	0.2635	0.2713	0.2792	0.2870	0.2949
	0.3027	0.3106	0.3189	0.3278	0.3367
	0.3457	0.3546	0.3635	0.3724	0.3814
	0.3903	0.4001	0.4116	0.4231	0.4345
	0.4460	0.4575	0.4749	0.4972	0.5195
	0.5418	0.7575	0.8656	0.8889	0.9049
	0.9209	0.9390	0.9593	0.9797	1.0000
	0.0005	0.0021	0.0047	0.0084	0.0132
	0.0190	0.0258	0.0337	0.0427	0.0527
Hrad:	0.0637	0.0759	0.0890	0.1031	0.1180
	0.1336	0.1499	0.1671	0.1851	0.2038
	0.2233	0.2435	0.2646	0.2864	0.3090
	0.3323	0.3561	0.3801	0.4044	0.4290
	0.4538	0.4789	0.5043	0.5300	0.5560
	0.5822	0.6087	0.6354	0.6625	0.6898
	0.7174	0.7453	0.7735	0.8022	0.8316
	0.8621	0.8942	0.9278	0.9631	1.0000
	0.0190	0.0380	0.0570	0.0760	0.0950
	0.1139	0.1329	0.1519	0.1709	0.1899
	0.2089	0.2279	0.2469	0.2711	0.2943
	0.3171	0.3395	0.3616	0.3835	0.4051
	0.4265	0.4477	0.4688	0.4897	0.5105

Width:	0.5346	0.5659	0.5969	0.6276	0.6580
	0.6882	0.7181	0.7477	0.7770	0.8061
	0.8350	0.8637	0.8921	0.9203	0.9483
	0.9761	1.0037	1.0245	1.0396	1.0549
	1.0696	1.0829	1.0950	1.1063	1.0000
	0.0280	0.0559	0.0839	0.1118	0.1398
	0.1677	0.1957	0.2236	0.2516	0.2795
	0.3075	0.3355	0.3634	0.3832	0.4039
	0.4245	0.4451	0.4657	0.4863	0.5069
	0.5275	0.5481	0.5687	0.5893	0.6099
Hrad:	0.6264	0.6337	0.6409	0.6482	0.6555
	0.6628	0.6701	0.6774	0.6847	0.6920
	0.6993	0.7066	0.7138	0.7211	0.7284
	0.7357	0.7430	0.7553	0.7718	0.7883
	0.8295	0.8721	0.9148	0.9574	1.0000
	0.0026	0.0095	0.0171	0.0249	0.0332
	0.0417	0.0505	0.0597	0.0692	0.0790
	0.0892	0.0996	0.1104	0.1215	0.1329
	0.1447	0.1568	0.1692	0.1819	0.1949
	0.2083	0.2221	0.2362	0.2507	0.2655
Width:	0.2807	0.2962	0.3122	0.3287	0.3457
	0.3631	0.3809	0.3993	0.4181	0.4374
	0.4574	0.4784	0.5006	0.5237	0.5484
	0.5764	0.6084	0.6480	0.6914	0.7376
	0.7866	0.8375	0.8904	0.9448	1.0000
	0.0280	0.0717	0.1233	0.1728	0.2206
	0.2668	0.3115	0.3551	0.3974	0.4388
	0.4792	0.5188	0.5576	0.5958	0.6333
	0.6702	0.7066	0.7425	0.7779	0.8111
	0.8439	0.8764	0.9086	0.9406	0.9724
Hrad:	1.0039	1.0315	1.0560	1.0807	1.1055
	1.1305	1.1556	1.1809	1.2062	1.2316
	1.2253	1.2197	1.2172	1.2174	1.1584
	1.0671	1.0067	0.8601	0.8570	0.8597
	0.8749	0.8963	0.9182	0.9586	1.0000
	0.0937	0.1334	0.1391	0.1449	0.1507
	0.1565	0.1623	0.1681	0.1739	0.1797
	0.1855	0.1913	0.1971	0.2029	0.2087
	0.2144	0.2202	0.2260	0.2318	0.2382
	0.2446	0.2510	0.2574	0.2638	0.2702
Width:	0.2766	0.2840	0.2925	0.3009	0.3093
	0.3177	0.3261	0.3345	0.3430	0.3514
	0.3696	0.3887	0.4077	0.4268	0.4703
	0.5376	0.6453	0.7529	0.8068	0.8584
	0.8998	0.9354	0.9711	0.9864	1.0000
	0.0010	0.0041	0.0092	0.0158	0.0235
	0.0324	0.0423	0.0531	0.0650	0.0778
	0.0915	0.1060	0.1212	0.1372	0.1540
	0.1712	0.1889	0.2070	0.2254	0.2444
	0.2637	0.2834	0.3036	0.3241	0.3451
Hrad:	0.3664	0.3882	0.4102	0.4327	0.4555
	0.4787	0.5022	0.5261	0.5504	0.5750
	0.6001	0.6256	0.6514	0.6777	0.7044
	0.7316	0.7593	0.7874	0.8160	0.8452
	0.8749	0.9052	0.9361	0.9677	1.0000
	0.0163	0.0327	0.0511	0.0723	0.0921
	0.1125	0.1330	0.1527	0.1720	0.1915
	0.2126	0.2331	0.2532	0.2730	0.2956
	0.3207	0.3454	0.3697	0.3936	0.4173
	0.4408	0.4642	0.4874	0.5103	0.5329
Width:	0.5554	0.5786	0.6017	0.6245	0.6472
	0.6696	0.6919	0.7132	0.7342	0.7551
	0.7758	0.7964	0.8165	0.8348	0.8530
	0.8711	0.8892	0.9065	0.9218	0.9372
	0.9527	0.9672	0.9779	0.9888	1.0000
	0.0631	0.1263	0.1811	0.2180	0.2550
	0.2880	0.3181	0.3481	0.3782	0.4066
	0.4307	0.4547	0.4788	0.5028	0.5210
	0.5341	0.5470	0.5599	0.5728	0.5857
	0.5983	0.6106	0.6230	0.6353	0.6476
Width:	0.6599	0.6709	0.6819	0.6928	0.7038
	0.7148	0.7258	0.7376	0.7496	0.7615
	0.7735	0.7854	0.7977	0.8117	0.8257

	0.8398	0.8538	0.8685	0.8851	0.9017
	0.9183	0.9358	0.9572	0.9786	1.0000
Transect A89					
Area:					
	0.0005	0.0018	0.0041	0.0073	0.0114
	0.0171	0.0254	0.0350	0.0458	0.0576
	0.0703	0.0839	0.0984	0.1138	0.1303
	0.1477	0.1657	0.1841	0.2031	0.2225
	0.2422	0.2623	0.2828	0.3037	0.3249
	0.3465	0.3685	0.3909	0.4136	0.4368
	0.4603	0.4842	0.5086	0.5335	0.5588
	0.5846	0.6108	0.6375	0.6646	0.6922
	0.7202	0.7487	0.7777	0.8074	0.8376
	0.8685	0.9001	0.9324	0.9655	1.0000
Hrad:					
	0.0176	0.0352	0.0528	0.0703	0.0882
	0.0784	0.1002	0.1209	0.1424	0.1656
	0.1881	0.2099	0.2312	0.2515	0.2703
	0.2933	0.3201	0.3464	0.3723	0.3999
	0.4274	0.4545	0.4813	0.5077	0.5339
	0.5594	0.5845	0.6094	0.6340	0.6584
	0.6826	0.7048	0.7265	0.7480	0.7693
	0.7906	0.8122	0.8337	0.8552	0.8765
	0.8977	0.9154	0.9317	0.9481	0.9645
	0.9781	0.9914	1.0049	1.0056	1.0000
Width:					
	0.0259	0.0517	0.0776	0.1034	0.1288
	0.2185	0.2541	0.2897	0.3217	0.3477
	0.3737	0.3997	0.4257	0.4528	0.4821
	0.5037	0.5176	0.5316	0.5455	0.5563
	0.5667	0.5772	0.5876	0.5981	0.6085
	0.6194	0.6303	0.6413	0.6523	0.6632
	0.6742	0.6869	0.7000	0.7131	0.7262
	0.7393	0.7519	0.7645	0.7770	0.7895
	0.8021	0.8177	0.8345	0.8514	0.8683
	0.8878	0.9078	0.9277	0.9601	1.0000
Transect A91					
Area:					
	0.0066	0.0151	0.0241	0.0337	0.0438
	0.0545	0.0658	0.0776	0.0899	0.1028
	0.1163	0.1303	0.1448	0.1599	0.1756
	0.1918	0.2084	0.2254	0.2426	0.2603
	0.2782	0.2965	0.3151	0.3340	0.3532
	0.3729	0.3930	0.4135	0.4345	0.4559
	0.4778	0.5001	0.5229	0.5461	0.5699
	0.5942	0.6190	0.6443	0.6702	0.6967
	0.7237	0.7513	0.7795	0.8084	0.8380
	0.8682	0.8990	0.9311	0.9647	1.0000
Hrad:					
	0.0311	0.0668	0.1004	0.1324	0.1629
	0.1923	0.2207	0.2482	0.2750	0.3010
	0.3266	0.3516	0.3761	0.3997	0.4228
	0.4476	0.4750	0.5018	0.5281	0.5540
	0.5795	0.6046	0.6293	0.6536	0.6776
	0.6978	0.7176	0.7372	0.7568	0.7762
	0.7955	0.8147	0.8338	0.8520	0.8679
	0.8838	0.8998	0.9159	0.9320	0.9482
	0.9642	0.9768	0.9896	1.0027	1.0160
	1.0295	1.0399	1.0279	1.0185	1.0000
Width:					
	0.2260	0.2411	0.2562	0.2713	0.2864
	0.3015	0.3166	0.3318	0.3469	0.3620
	0.3771	0.3922	0.4073	0.4230	0.4390
	0.4521	0.4612	0.4703	0.4794	0.4885
	0.4976	0.5067	0.5158	0.5249	0.5340
	0.5461	0.5584	0.5707	0.5830	0.5953
	0.6076	0.6199	0.6322	0.6451	0.6600
	0.6748	0.6897	0.7045	0.7194	0.7343
	0.7493	0.7673	0.7853	0.8033	0.8213
	0.8394	0.8602	0.9027	0.9452	1.0000
Transect A93					
Area:					
	0.0014	0.0055	0.0109	0.0174	0.0246
	0.0322	0.0402	0.0486	0.0574	0.0666
	0.0763	0.0863	0.0968	0.1076	0.1189
	0.1306	0.1427	0.1552	0.1682	0.1816
	0.1955	0.2098	0.2245	0.2397	0.2555
	0.2717	0.2883	0.3055	0.3234	0.3422
	0.3619	0.3826	0.4043	0.4283	0.4544
	0.4819	0.5110	0.5424	0.5766	0.6116
	0.6471	0.6830	0.7195	0.7565	0.7941

Hrad:	0.8321	0.8708	0.9107	0.9519	1.0000
	0.0261	0.0570	0.0955	0.1305	0.1729
	0.2141	0.2537	0.2919	0.3289	0.3648
	0.3999	0.4342	0.4678	0.5007	0.5331
	0.5651	0.5965	0.6258	0.6549	0.6838
	0.7124	0.7409	0.7691	0.7961	0.8217
	0.8473	0.8729	0.8985	0.9069	0.9123
	0.9196	0.9286	0.9157	0.8737	0.8736
	0.8781	0.8738	0.8563	0.8515	0.8971
	0.9355	0.9736	1.0113	1.0487	1.0857
	1.1225	1.1449	1.1607	1.1658	1.0000
Width:	0.0504	0.0908	0.1084	0.1259	0.1341
	0.1415	0.1490	0.1564	0.1638	0.1713
	0.1787	0.1862	0.1936	0.2010	0.2085
	0.2159	0.2234	0.2315	0.2396	0.2477
	0.2558	0.2640	0.2721	0.2806	0.2897
	0.2987	0.3077	0.3168	0.3323	0.3497
	0.3670	0.3844	0.4123	0.4583	0.4865
	0.5136	0.5476	0.5936	0.6349	0.6392
	0.6485	0.6579	0.6672	0.6766	0.6860
	0.6953	0.7136	0.7364	0.7666	1.0000
Transect A95					
Area:	0.0009	0.0035	0.0080	0.0142	0.0222
	0.0317	0.0418	0.0525	0.0636	0.0752
	0.0873	0.0999	0.1128	0.1260	0.1396
	0.1535	0.1677	0.1823	0.1971	0.2123
	0.2279	0.2438	0.2600	0.2765	0.2934
	0.3106	0.3281	0.3459	0.3641	0.3826
	0.4015	0.4209	0.4409	0.4616	0.4830
	0.5052	0.5282	0.5519	0.5764	0.6017
	0.6294	0.6601	0.6934	0.7290	0.7667
	0.8074	0.8517	0.8992	0.9488	1.0000
Hrad:	0.0262	0.0524	0.0785	0.1047	0.1309
	0.1680	0.2109	0.2522	0.2921	0.3308
	0.3684	0.4086	0.4494	0.4893	0.5286
	0.5672	0.6051	0.6425	0.6793	0.7156
	0.7515	0.7868	0.8218	0.8564	0.8906
	0.9244	0.9580	0.9912	1.0241	1.0568
	1.0828	1.1010	1.1197	1.1319	1.1431
	1.1554	1.1686	1.1826	1.1973	1.1899
	1.1149	1.0695	1.0405	1.0343	1.0216
	0.9852	0.9639	0.9601	0.9798	1.0000
Width:	0.0341	0.0682	0.1023	0.1364	0.1704
	0.1898	0.1993	0.2088	0.2183	0.2279
	0.2374	0.2447	0.2510	0.2573	0.2637
	0.2700	0.2764	0.2827	0.2890	0.2954
	0.3017	0.3080	0.3144	0.3207	0.3271
	0.3334	0.3397	0.3461	0.3524	0.3588
	0.3673	0.3788	0.3902	0.4042	0.4189
	0.4337	0.4484	0.4631	0.4778	0.5022
	0.5615	0.6144	0.6639	0.7025	0.7485
	0.8181	0.8827	0.9361	0.9681	1.0000
Transect A96					
Area:	0.0005	0.0020	0.0045	0.0080	0.0126
	0.0179	0.0236	0.0296	0.0360	0.0426
	0.0496	0.0569	0.0645	0.0724	0.0807
	0.0940	0.1107	0.1319	0.1535	0.1755
	0.1979	0.2206	0.2438	0.2673	0.2914
	0.3159	0.3408	0.3661	0.3916	0.4175
	0.4438	0.4703	0.4972	0.5244	0.5519
	0.5798	0.6080	0.6365	0.6652	0.6943
	0.7237	0.7533	0.7832	0.8134	0.8439
	0.8746	0.9056	0.9368	0.9683	1.0000
Hrad:	0.0160	0.0319	0.0479	0.0639	0.0798
	0.1030	0.1284	0.1527	0.1762	0.1989
	0.2210	0.2425	0.2636	0.2842	0.3038
	0.3043	0.2334	0.1960	0.2243	0.2522
	0.2798	0.3069	0.3325	0.3576	0.3824
	0.4069	0.4332	0.4592	0.4850	0.5105
	0.5357	0.5609	0.5858	0.6105	0.6350
	0.6594	0.6836	0.7084	0.7330	0.7574
	0.7816	0.8057	0.8296	0.8544	0.8790
	0.9035	0.9278	0.9520	0.9761	1.0000
Width:	0.0315	0.0631	0.0946	0.1262	0.1577

	0.1742	0.1841	0.1940	0.2039	0.2138
	0.2237	0.2336	0.2435	0.2534	0.3065
	0.4567	0.6405	0.6734	0.6848	0.6962
	0.7077	0.7191	0.7333	0.7479	0.7625
	0.7768	0.7872	0.7976	0.8079	0.8183
	0.8287	0.8389	0.8491	0.8593	0.8695
	0.8797	0.8897	0.8988	0.9079	0.9171
	0.9262	0.9353	0.9444	0.9523	0.9603
	0.9682	0.9762	0.9841	0.9921	1.0000

Transect A99

Area:	0.0003	0.0013	0.0030	0.0053	0.0082
	0.0117	0.0157	0.0202	0.0253	0.0308
	0.0370	0.0439	0.0516	0.0601	0.0690
	0.0783	0.0881	0.0983	0.1089	0.1199
	0.1360	0.1539	0.1732	0.1942	0.2187
	0.2444	0.2705	0.2970	0.3239	0.3512
	0.3790	0.4073	0.4361	0.4655	0.4955
	0.5262	0.5576	0.5897	0.6221	0.6549
	0.6880	0.7214	0.7551	0.7891	0.8235
	0.8581	0.8931	0.9284	0.9641	1.0000

Hrad:	0.0180	0.0360	0.0540	0.0720	0.0922
	0.1126	0.1324	0.1518	0.1709	0.1902
	0.2042	0.2156	0.2284	0.2485	0.2719
	0.2948	0.3173	0.3394	0.3611	0.3825
	0.3866	0.3920	0.3998	0.3804	0.3081
	0.3404	0.3723	0.4019	0.4309	0.4597
	0.4881	0.5148	0.5404	0.5657	0.5903
	0.6123	0.6342	0.6594	0.6890	0.7183
	0.7474	0.7763	0.8050	0.8335	0.8617
	0.8897	0.9176	0.9452	0.9727	1.0000

Width:	0.0183	0.0366	0.0548	0.0731	0.0889
	0.1035	0.1181	0.1327	0.1473	0.1615
	0.1804	0.2028	0.2252	0.2409	0.2526
	0.2644	0.2762	0.2880	0.2998	0.3325
	0.4767	0.5157	0.5519	0.6187	0.7095
	0.7178	0.7262	0.7386	0.7511	0.7637
	0.7762	0.7909	0.8068	0.8228	0.8395
	0.8594	0.8794	0.8944	0.9031	0.9119
	0.9206	0.9293	0.9380	0.9468	0.9557
	0.9645	0.9734	0.9823	0.9911	1.0000

Transect T-C1

Area:	0.0033	0.0077	0.0127	0.0185	0.0259
	0.0358	0.0465	0.0582	0.0711	0.0868
	0.1055	0.1252	0.1454	0.1660	0.1870
	0.2083	0.2300	0.2519	0.2739	0.2961
	0.3183	0.3407	0.3633	0.3859	0.4087
	0.4316	0.4546	0.4777	0.5010	0.5243
	0.5478	0.5713	0.5948	0.6183	0.6419
	0.6655	0.6892	0.7129	0.7366	0.7604
	0.7842	0.8080	0.8319	0.8558	0.8797
	0.9037	0.9277	0.9518	0.9759	1.0000

Hrad:	0.0196	0.0400	0.0586	0.0718	0.0671
	0.0848	0.1011	0.1159	0.1250	0.1171
	0.1337	0.1523	0.1737	0.1948	0.2156
	0.2360	0.2563	0.2790	0.3017	0.3242
	0.3465	0.3688	0.3909	0.4129	0.4348
	0.4566	0.4782	0.4997	0.5212	0.5427
	0.5660	0.5892	0.6124	0.6355	0.6586
	0.6817	0.7047	0.7277	0.7506	0.7735
	0.7963	0.8191	0.8419	0.8646	0.8873
	0.9099	0.9325	0.9550	0.9775	1.0000

Width:	0.1708	0.1953	0.2198	0.2604	0.3900
	0.4258	0.4641	0.5073	0.5744	0.7492
	0.7967	0.8302	0.8452	0.8603	0.8753
	0.8904	0.9052	0.9102	0.9153	0.9203
	0.9254	0.9304	0.9355	0.9406	0.9456
	0.9507	0.9557	0.9608	0.9658	0.9705
	0.9720	0.9734	0.9749	0.9764	0.9779
	0.9793	0.9808	0.9823	0.9838	0.9852
	0.9867	0.9882	0.9897	0.9911	0.9926
	0.9941	0.9956	0.9970	0.9985	1.0000

Transect T-C108

Area:	0.0010	0.0027	0.0051	0.0084	0.0128
	0.0180	0.0241	0.0310	0.0392	0.0486

Hrad:	0.0585	0.0694	0.0815	0.0943	0.1079
	0.1237	0.1416	0.1608	0.1806	0.2009
	0.2218	0.2440	0.2673	0.2915	0.3169
	0.3430	0.3693	0.3956	0.4221	0.4486
	0.4752	0.5018	0.5286	0.5554	0.5823
	0.6093	0.6364	0.6636	0.6908	0.7182
	0.7456	0.7731	0.8007	0.8285	0.8566
	0.8849	0.9134	0.9422	0.9711	1.0000
	0.0195	0.0388	0.0546	0.0662	0.0832
	0.1003	0.1164	0.1320	0.1252	0.1464
Width:	0.1669	0.1727	0.1940	0.2130	0.2255
	0.2200	0.2257	0.2462	0.2684	0.2905
	0.3123	0.3157	0.3323	0.3495	0.3520
	0.3798	0.4075	0.4352	0.4627	0.4902
	0.5176	0.5449	0.5721	0.5992	0.6262
	0.6532	0.6801	0.7069	0.7336	0.7602
	0.7868	0.8133	0.8374	0.8589	0.8803
	0.9016	0.9227	0.9455	0.9728	1.0000
	0.0507	0.0711	0.0940	0.1343	0.1669
	0.1959	0.2250	0.2535	0.3146	0.3333
Transect T-C111	0.3520	0.4050	0.4294	0.4566	0.4958
	0.5806	0.6468	0.6741	0.6953	0.7129
	0.7305	0.7907	0.8214	0.8502	0.9031
	0.9060	0.9088	0.9117	0.9146	0.9174
	0.9203	0.9231	0.9260	0.9289	0.9317
	0.9346	0.9375	0.9403	0.9432	0.9461
	0.9489	0.9518	0.9573	0.9657	0.9741
	0.9825	0.9909	0.9974	0.9987	1.0000
	0.0006	0.0024	0.0051	0.0088	0.0142
	0.0224	0.0317	0.0421	0.0536	0.0665
Area:	0.0801	0.0942	0.1089	0.1240	0.1401
	0.1571	0.1757	0.1956	0.2158	0.2364
	0.2571	0.2782	0.2997	0.3217	0.3442
	0.3674	0.3914	0.4162	0.4413	0.4665
	0.4919	0.5175	0.5432	0.5691	0.5951
	0.6213	0.6476	0.6740	0.7005	0.7272
	0.7540	0.7809	0.8080	0.8351	0.8624
	0.8898	0.9172	0.9448	0.9723	1.0000
	0.0139	0.0297	0.0435	0.0561	0.0690
	0.0701	0.0897	0.1063	0.1223	0.1387
Hrad:	0.1600	0.1819	0.2034	0.2207	0.2352
	0.2526	0.2499	0.2695	0.2937	0.3176
	0.3413	0.3632	0.3822	0.4009	0.4216
	0.4417	0.4609	0.4621	0.4866	0.5109
	0.5351	0.5594	0.5838	0.6082	0.6324
	0.6565	0.6810	0.7054	0.7297	0.7538
	0.7779	0.8019	0.8258	0.8496	0.8742
	0.8995	0.9247	0.9499	0.9750	1.0000
	0.0442	0.0799	0.1165	0.1582	0.2545
	0.3199	0.3543	0.3968	0.4397	0.4806
Width:	0.5019	0.5192	0.5364	0.5632	0.5969
	0.6387	0.7048	0.7271	0.7364	0.7457
	0.7550	0.7673	0.7856	0.8039	0.8216
	0.8520	0.8824	0.9021	0.9083	0.9144
	0.9205	0.9263	0.9316	0.9368	0.9420
	0.9472	0.9517	0.9562	0.9607	0.9652
	0.9697	0.9742	0.9787	0.9833	0.9867
	0.9894	0.9920	0.9947	0.9973	1.0000
	0.0001	0.0004	0.0009	0.0016	0.0026
	0.0054	0.0096	0.0149	0.0213	0.0309
Transect T-C118	0.0433	0.0563	0.0700	0.0846	0.0999
	0.1156	0.1316	0.1480	0.1649	0.1823
	0.2011	0.2205	0.2402	0.2603	0.2807
	0.3016	0.3228	0.3443	0.3660	0.3881
	0.4111	0.4353	0.4599	0.4850	0.5108
	0.5389	0.5685	0.5987	0.6295	0.6607
	0.6926	0.7261	0.7599	0.7938	0.8278
	0.8620	0.8963	0.9308	0.9653	1.0000
	0.0174	0.0347	0.0521	0.0695	0.0810
	0.0734	0.0843	0.0997	0.1123	0.1009
Hrad:	0.1251	0.1508	0.1750	0.1983	0.2240
	0.2544	0.2833	0.3096	0.3350	0.3580
	0.3643	0.3927	0.4207	0.4472	0.4730

Width:	0.4990	0.5269	0.5545	0.5819	0.6022
	0.5965	0.6210	0.6452	0.6659	0.6841
	0.6384	0.6629	0.6841	0.7063	0.7299
	0.7435	0.7500	0.7815	0.8128	0.8441
	0.8752	0.9061	0.9371	0.9686	1.0000
	0.0056	0.0112	0.0168	0.0224	0.0476
	0.1061	0.1359	0.1657	0.2046	0.3467
	0.3660	0.3841	0.4074	0.4321	0.4474
	0.4557	0.4659	0.4794	0.4936	0.5107
	0.5536	0.5630	0.5725	0.5835	0.5951
Transect T-C1450_1 Area:	0.6060	0.6142	0.6224	0.6306	0.6462
	0.6910	0.7029	0.7147	0.7302	0.7685
	0.8464	0.8599	0.8775	0.8936	0.9074
	0.9336	0.9701	0.9741	0.9780	0.9820
	0.9859	0.9899	0.9937	0.9968	1.0000
	0.0002	0.0006	0.0014	0.0024	0.0040
	0.0066	0.0105	0.0155	0.0212	0.0274
	0.0347	0.0439	0.0545	0.0663	0.0792
	0.0926	0.1064	0.1212	0.1374	0.1554
	0.1746	0.1949	0.2163	0.2391	0.2629
Hrad:	0.2874	0.3126	0.3387	0.3655	0.3926
	0.4199	0.4473	0.4749	0.5031	0.5322
	0.5623	0.5926	0.6231	0.6538	0.6846
	0.7155	0.7465	0.7777	0.8090	0.8405
	0.8723	0.9041	0.9360	0.9680	1.0000
	0.0160	0.0321	0.0507	0.0653	0.0631
	0.0636	0.0799	0.0944	0.1141	0.1408
	0.1615	0.1649	0.1830	0.1944	0.2030
	0.2275	0.2523	0.2746	0.2856	0.2640
	0.2934	0.3207	0.3460	0.3696	0.3927
Width:	0.4155	0.4382	0.4574	0.4340	0.4639
	0.4933	0.5226	0.5451	0.5716	0.5981
	0.5973	0.6252	0.6535	0.6825	0.7117
	0.7409	0.7700	0.7989	0.8278	0.8489
	0.8794	0.9096	0.9398	0.9699	1.0000
	0.0097	0.0194	0.0274	0.0364	0.0641
	0.1036	0.1413	0.1647	0.1861	0.2072
	0.2554	0.3060	0.3489	0.3898	0.4106
	0.4237	0.4428	0.4823	0.5284	0.5892
	0.6188	0.6451	0.6941	0.7289	0.7519
Transect T-C61 Area:	0.7792	0.7960	0.8286	0.8430	0.8472
	0.8518	0.8566	0.8720	0.8891	0.9290
	0.9421	0.9486	0.9542	0.9587	0.9626
	0.9664	0.9703	0.9742	0.9780	0.9907
	0.9925	0.9943	0.9962	0.9981	1.0000
	0.0027	0.0075	0.0149	0.0282	0.0418
	0.0557	0.0698	0.0842	0.0989	0.1139
	0.1292	0.1449	0.1612	0.1780	0.1955
	0.2134	0.2316	0.2502	0.2692	0.2886
	0.3084	0.3287	0.3495	0.3706	0.3921
Hrad:	0.4139	0.4362	0.4589	0.4822	0.5060
	0.5300	0.5540	0.5781	0.6023	0.6266
	0.6510	0.6754	0.6999	0.7245	0.7492
	0.7739	0.7987	0.8236	0.8485	0.8736
	0.8987	0.9239	0.9492	0.9745	1.0000
	0.0161	0.0376	0.0298	0.0551	0.0799
	0.1041	0.1280	0.1514	0.1744	0.1970
	0.2193	0.2371	0.2541	0.2709	0.2883
	0.3089	0.3292	0.3490	0.3666	0.3840
	0.4012	0.4182	0.4351	0.4542	0.4735
Width:	0.4908	0.5056	0.5203	0.5350	0.5515
	0.5751	0.5986	0.6220	0.6453	0.6684
	0.6914	0.7144	0.7372	0.7598	0.7824
	0.8049	0.8272	0.8495	0.8716	0.8937
	0.9156	0.9374	0.9584	0.9792	1.0000
	0.1718	0.2047	0.5155	0.5265	0.5375
	0.5486	0.5596	0.5707	0.5817	0.5927
	0.6038	0.6261	0.6497	0.6734	0.6948
	0.7077	0.7206	0.7340	0.7517	0.7693
	0.7869	0.8046	0.8222	0.8352	0.8473

	0.9707	0.9736	0.9766	0.9796	0.9825
	0.9855	0.9885	0.9923	0.9962	1.0000
Transect T-C71					
Area:	0.0071	0.0144	0.0220	0.0298	0.0378
	0.0461	0.0546	0.0634	0.0724	0.0817
	0.0911	0.1009	0.1108	0.1211	0.1315
	0.1422	0.1531	0.1643	0.1757	0.1874
	0.1993	0.2118	0.2247	0.2382	0.2521
	0.2666	0.2815	0.2970	0.3130	0.3296
	0.3468	0.3647	0.3851	0.4096	0.4373
	0.4664	0.4961	0.5266	0.5579	0.5901
	0.6232	0.6571	0.6935	0.7328	0.7748
	0.8195	0.8645	0.9096	0.9548	1.0000
Hrad:	0.0446	0.0877	0.1295	0.1702	0.2098
	0.2483	0.2860	0.3229	0.3590	0.3944
	0.4291	0.4633	0.4969	0.5299	0.5625
	0.5947	0.6264	0.6577	0.6886	0.7192
	0.7393	0.7542	0.7697	0.7856	0.8021
	0.8190	0.8362	0.8538	0.8678	0.8803
	0.8936	0.9075	0.9158	0.9154	0.6899
	0.7179	0.7456	0.7712	0.7949	0.8185
	0.8420	0.8579	0.8254	0.8179	0.8027
	0.8247	0.8686	0.9125	0.9563	1.0000
Width:	0.1592	0.1645	0.1698	0.1751	0.1804
	0.1857	0.1911	0.1964	0.2017	0.2070
	0.2123	0.2176	0.2230	0.2283	0.2336
	0.2389	0.2442	0.2495	0.2549	0.2602
	0.2692	0.2804	0.2916	0.3027	0.3139
	0.3251	0.3362	0.3474	0.3602	0.3739
	0.3877	0.4014	0.5055	0.5793	0.6337
	0.6495	0.6652	0.6826	0.7017	0.7208
	0.7399	0.7658	0.8401	0.8959	0.9654
	0.9938	0.9954	0.9969	0.9985	1.0000
Transect T-C74					
Area:	0.0006	0.0026	0.0057	0.0095	0.0138
	0.0186	0.0240	0.0298	0.0362	0.0430
	0.0505	0.0589	0.0686	0.0793	0.0911
	0.1039	0.1177	0.1330	0.1500	0.1681
	0.1870	0.2067	0.2271	0.2483	0.2701
	0.2924	0.3152	0.3386	0.3625	0.3870
	0.4120	0.4375	0.4635	0.4902	0.5174
	0.5451	0.5734	0.6023	0.6318	0.6618
	0.6926	0.7242	0.7566	0.7897	0.8236
	0.8582	0.8932	0.9285	0.9641	1.0000
Hrad:	0.0181	0.0362	0.0582	0.0848	0.1094
	0.1327	0.1550	0.1766	0.1977	0.2183
	0.2306	0.2350	0.2425	0.2538	0.2678
	0.2825	0.2970	0.2977	0.3064	0.3288
	0.3508	0.3726	0.3936	0.4176	0.4432
	0.4684	0.4932	0.5178	0.5420	0.5660
	0.5898	0.6131	0.6358	0.6583	0.6806
	0.7027	0.7247	0.7465	0.7682	0.7855
	0.8021	0.8187	0.8353	0.8520	0.8688
	0.8895	0.9175	0.9452	0.9727	1.0000
Width:	0.0355	0.0711	0.0984	0.1126	0.1267
	0.1409	0.1551	0.1692	0.1834	0.1976
	0.2193	0.2515	0.2836	0.3136	0.3414
	0.3692	0.3978	0.4483	0.4915	0.5133
	0.5350	0.5568	0.5792	0.5969	0.6117
	0.6266	0.6415	0.6563	0.6712	0.6860
	0.7009	0.7159	0.7315	0.7471	0.7627
	0.7783	0.7939	0.8094	0.8250	0.8452
	0.8664	0.8876	0.9088	0.9300	0.9512
	0.9678	0.9759	0.9839	0.9920	1.0000
Transect T-C76					
Area:	0.0005	0.0019	0.0044	0.0078	0.0121
	0.0175	0.0238	0.0311	0.0394	0.0490
	0.0599	0.0720	0.0849	0.0985	0.1129
	0.1281	0.1440	0.1606	0.1777	0.1955
	0.2139	0.2328	0.2523	0.2725	0.2933
	0.3148	0.3372	0.3604	0.3844	0.4092
	0.4345	0.4604	0.4869	0.5140	0.5417
	0.5699	0.5988	0.6280	0.6575	0.6873
	0.7174	0.7477	0.7783	0.8092	0.8403

Hrad:	0.8717	0.9034	0.9353	0.9675	1.0000
	0.0163	0.0327	0.0490	0.0653	0.0817
	0.0980	0.1143	0.1307	0.1437	0.1562
	0.1696	0.1883	0.2091	0.2295	0.2494
	0.2690	0.2889	0.3108	0.3324	0.3535
	0.3744	0.3950	0.4153	0.4354	0.4517
	0.4673	0.4829	0.4986	0.5143	0.5331
	0.5531	0.5730	0.5928	0.6124	0.6318
	0.6511	0.6709	0.6972	0.7234	0.7493
	0.7751	0.8007	0.8261	0.8514	0.8765
	0.9015	0.9264	0.9510	0.9756	1.0000
Width:	0.0298	0.0595	0.0893	0.1191	0.1488
	0.1786	0.2084	0.2381	0.2747	0.3143
	0.3540	0.3831	0.4065	0.4299	0.4534
	0.4768	0.4991	0.5173	0.5354	0.5536
	0.5717	0.5898	0.6080	0.6261	0.6496
	0.6742	0.6987	0.7232	0.7478	0.7678
	0.7857	0.8037	0.8216	0.8395	0.8574
	0.8753	0.8924	0.9007	0.9090	0.9172
	0.9255	0.9338	0.9421	0.9503	0.9586
	0.9669	0.9752	0.9834	0.9917	1.0000
Transect T-C78					
Area:	0.0002	0.0006	0.0014	0.0025	0.0039
	0.0056	0.0076	0.0100	0.0126	0.0156
	0.0198	0.0264	0.0366	0.0488	0.0616
	0.0751	0.0891	0.1038	0.1196	0.1376
	0.1570	0.1773	0.1985	0.2205	0.2434
	0.2676	0.2928	0.3189	0.3457	0.3734
	0.4018	0.4310	0.4610	0.4915	0.5223
	0.5532	0.5842	0.6153	0.6466	0.6781
	0.7096	0.7413	0.7732	0.8052	0.8373
	0.8696	0.9020	0.9345	0.9672	1.0000
Hrad:	0.0165	0.0330	0.0495	0.0660	0.0825
	0.0990	0.1155	0.1320	0.1486	0.1651
	0.1189	0.1139	0.1025	0.1299	0.1563
	0.1819	0.2066	0.2269	0.2451	0.2416
	0.2634	0.2848	0.3060	0.3272	0.3441
	0.3602	0.3796	0.4014	0.4229	0.4441
	0.4637	0.4846	0.5062	0.5333	0.5636
	0.5938	0.6239	0.6537	0.6834	0.7129
	0.7423	0.7715	0.8006	0.8295	0.8583
	0.8869	0.9154	0.9437	0.9719	1.0000
Width:	0.0095	0.0189	0.0284	0.0378	0.0473
	0.0568	0.0662	0.0757	0.0852	0.0946
	0.1677	0.2339	0.3615	0.3802	0.3988
	0.4175	0.4362	0.4630	0.4936	0.5765
	0.6033	0.6300	0.6564	0.6820	0.7161
	0.7521	0.7810	0.8044	0.8278	0.8511
	0.8771	0.9004	0.9218	0.9326	0.9368
	0.9411	0.9453	0.9495	0.9537	0.9579
	0.9621	0.9663	0.9705	0.9747	0.9789
	0.9832	0.9874	0.9916	0.9958	1.0000
Transect T-C8					
Area:	0.0020	0.0042	0.0065	0.0089	0.0114
	0.0141	0.0169	0.0198	0.0228	0.0260
	0.0296	0.0342	0.0416	0.0496	0.0591
	0.0706	0.0864	0.1054	0.1266	0.1508
	0.1766	0.2026	0.2288	0.2552	0.2817
	0.3085	0.3354	0.3625	0.3897	0.4171
	0.4447	0.4724	0.5003	0.5284	0.5567
	0.5852	0.6139	0.6427	0.6717	0.7009
	0.7302	0.7596	0.7892	0.8190	0.8489
	0.8789	0.9091	0.9393	0.9696	1.0000
Hrad:	0.0296	0.0575	0.0840	0.1092	0.1334
	0.1567	0.1792	0.2011	0.2223	0.2431
	0.2294	0.2008	0.1638	0.1826	0.1987
	0.2100	0.1723	0.1752	0.1960	0.1797
	0.2084	0.2370	0.2656	0.2943	0.3228
	0.3511	0.3793	0.4072	0.4351	0.4629
	0.4907	0.5183	0.5451	0.5718	0.5983
	0.6247	0.6509	0.6775	0.7045	0.7313
	0.7580	0.7845	0.8110	0.8374	0.8636
	0.8897	0.9174	0.9450	0.9726	1.0000
Width:	0.0687	0.0729	0.0771	0.0813	0.0855

	0.0897	0.0939	0.0981	0.1023	0.1065
	0.1283	0.2159	0.2541	0.2811	0.3420
	0.4525	0.5612	0.6751	0.7321	0.8428
	0.8504	0.8579	0.8645	0.8701	0.8758
	0.8815	0.8871	0.8928	0.8984	0.9037
	0.9087	0.9139	0.9202	0.9265	0.9328
	0.9390	0.9453	0.9509	0.9557	0.9606
	0.9654	0.9703	0.9752	0.9800	0.9849
	0.9897	0.9923	0.9948	0.9974	1.0000

Transect T-C84

Area:	0.0002	0.0007	0.0027	0.0075	0.0169
	0.0267	0.0370	0.0476	0.0585	0.0697
	0.0813	0.0935	0.1060	0.1188	0.1319
	0.1452	0.1589	0.1737	0.1896	0.2103
	0.2353	0.2611	0.2870	0.3129	0.3388
	0.3648	0.3908	0.4169	0.4430	0.4691
	0.4953	0.5215	0.5478	0.5740	0.6004
	0.6267	0.6531	0.6796	0.7061	0.7326
	0.7592	0.7858	0.8124	0.8391	0.8658
	0.8926	0.9194	0.9462	0.9731	1.0000

Hrad:	0.0136	0.0271	0.0300	0.0233	0.0479
	0.0723	0.0964	0.1203	0.1436	0.1663
	0.1862	0.2056	0.2274	0.2496	0.2715
	0.2931	0.3028	0.3113	0.3224	0.2514
	0.2479	0.2746	0.3012	0.3278	0.3543
	0.3808	0.4072	0.4335	0.4598	0.4861
	0.5123	0.5384	0.5645	0.5905	0.6165
	0.6424	0.6683	0.6941	0.7199	0.7456
	0.7713	0.7969	0.8225	0.8480	0.8734
	0.8989	0.9242	0.9495	0.9748	1.0000

Width:	0.0137	0.0274	0.1094	0.3273	0.3562
	0.3732	0.3872	0.3991	0.4110	0.4232
	0.4411	0.4589	0.4706	0.4804	0.4902
	0.5000	0.5295	0.5633	0.6270	0.8946
	0.9577	0.9593	0.9608	0.9623	0.9638
	0.9652	0.9667	0.9681	0.9696	0.9710
	0.9725	0.9739	0.9754	0.9768	0.9783
	0.9797	0.9812	0.9826	0.9841	0.9855
	0.9870	0.9884	0.9899	0.9913	0.9928
	0.9942	0.9957	0.9971	0.9986	1.0000

Transect T-C97

Area:	0.0002	0.0007	0.0015	0.0027	0.0043
	0.0061	0.0084	0.0109	0.0138	0.0170
	0.0205	0.0242	0.0282	0.0328	0.0391
	0.0464	0.0557	0.0683	0.0832	0.0989
	0.1163	0.1353	0.1558	0.1774	0.1997
	0.2235	0.2482	0.2739	0.3006	0.3288
	0.3576	0.3871	0.4174	0.4483	0.4798
	0.5116	0.5450	0.5789	0.6130	0.6472
	0.6816	0.7162	0.7509	0.7858	0.8209
	0.8562	0.8916	0.9272	0.9633	1.0000

Hrad:	0.0186	0.0372	0.0558	0.0743	0.0929
	0.1115	0.1301	0.1487	0.1692	0.1902
	0.2107	0.2309	0.2509	0.2144	0.2164
	0.2259	0.2166	0.2089	0.2035	0.2262
	0.2366	0.2536	0.2749	0.3011	0.3257
	0.3428	0.3648	0.3921	0.4034	0.4295
	0.4576	0.4822	0.5076	0.5349	0.5646
	0.5941	0.6003	0.6342	0.6678	0.7013
	0.7346	0.7678	0.8009	0.8339	0.8667
	0.8993	0.9310	0.9613	0.9912	1.0000

Width:	0.0092	0.0184	0.0277	0.0369	0.0461
	0.0553	0.0645	0.0738	0.0819	0.0896
	0.0973	0.1050	0.1127	0.1535	0.1813
	0.2167	0.2914	0.3821	0.4108	0.4394
	0.4942	0.5363	0.5697	0.5921	0.6163
	0.6554	0.6840	0.7023	0.7491	0.7696
	0.7856	0.8071	0.8267	0.8426	0.8542
	0.8658	0.9125	0.9171	0.9218	0.9264
	0.9311	0.9356	0.9400	0.9444	0.9489
	0.9533	0.9586	0.9651	0.9824	1.0000

Transect T-SMC14

Area:	0.0044	0.0103	0.0168	0.0237	0.0311
	0.0390	0.0473	0.0561	0.0654	0.0751

	0.0853	0.0962	0.1078	0.1201	0.1331
	0.1469	0.1616	0.1777	0.1950	0.2128
	0.2312	0.2500	0.2694	0.2892	0.3095
	0.3303	0.3514	0.3730	0.3950	0.4175
	0.4404	0.4637	0.4876	0.5119	0.5366
	0.5619	0.5883	0.6160	0.6450	0.6751
	0.7064	0.7385	0.7708	0.8032	0.8358
	0.8684	0.9011	0.9340	0.9669	1.0000
Hrad:	0.0254	0.0555	0.0838	0.1105	0.1359
	0.1602	0.1837	0.2065	0.2286	0.2503
	0.2710	0.2851	0.2997	0.3148	0.3300
	0.3454	0.3486	0.3529	0.3677	0.3906
	0.4131	0.4353	0.4572	0.4789	0.5003
	0.5228	0.5460	0.5689	0.5899	0.6106
	0.6311	0.6515	0.6717	0.6917	0.7117
	0.7233	0.7209	0.7205	0.7246	0.7296
	0.7334	0.7595	0.7899	0.8202	0.8505
	0.8806	0.9106	0.9405	0.9703	1.0000
Width:	0.1735	0.1877	0.2019	0.2161	0.2303
	0.2445	0.2587	0.2729	0.2871	0.3013
	0.3159	0.3385	0.3607	0.3827	0.4047
	0.4267	0.4652	0.5054	0.5322	0.5469
	0.5616	0.5763	0.5910	0.6057	0.6204
	0.6335	0.6452	0.6570	0.6709	0.6849
	0.6988	0.7128	0.7268	0.7407	0.7547
	0.7775	0.8169	0.8559	0.8912	0.9265
	0.9644	0.9736	0.9769	0.9802	0.9835
	0.9868	0.9901	0.9934	0.9967	1.0000
Transect T-U012001					
Area:	0.0016	0.0043	0.0078	0.0120	0.0168
	0.0223	0.0283	0.0350	0.0421	0.0499
	0.0582	0.0672	0.0773	0.0888	0.1013
	0.1145	0.1289	0.1442	0.1605	0.1777
	0.1956	0.2145	0.2344	0.2549	0.2756
	0.2968	0.3185	0.3413	0.3650	0.3891
	0.4134	0.4379	0.4627	0.4878	0.5141
	0.5412	0.5689	0.5970	0.6255	0.6544
	0.6839	0.7140	0.7446	0.7764	0.8109
	0.8462	0.8823	0.9197	0.9594	1.0000
Hrad:	0.0297	0.0568	0.0839	0.1091	0.1351
	0.1609	0.1861	0.2105	0.2343	0.2586
	0.2796	0.2934	0.2963	0.3057	0.3267
	0.3463	0.3593	0.3787	0.3975	0.4200
	0.4407	0.4593	0.4797	0.5131	0.5465
	0.5750	0.5999	0.6041	0.6333	0.6677
	0.7019	0.7361	0.7701	0.7961	0.7959
	0.8197	0.8464	0.8751	0.9051	0.9284
	0.9525	0.9769	0.9958	0.9824	0.9609
	0.9844	0.9956	0.9898	0.9924	1.0000
Width:	0.0536	0.0756	0.0927	0.1098	0.1247
	0.1386	0.1523	0.1661	0.1798	0.1928
	0.2080	0.2289	0.2608	0.2905	0.3100
	0.3307	0.3587	0.3808	0.4038	0.4231
	0.4440	0.4671	0.4886	0.4967	0.5043
	0.5162	0.5309	0.5651	0.5764	0.5827
	0.5890	0.5950	0.6009	0.6128	0.6460
	0.6603	0.6722	0.6822	0.6910	0.7049
	0.7181	0.7309	0.7478	0.7904	0.8439
	0.8597	0.8863	0.9293	0.9668	1.0000

Analysis Options

Flow Units CMS
Process Models:
 Rainfall/Runoff YES
 RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing YES
 Ponding Allowed NO
 Water Quality NO
Infiltration Method CURVE_NUMBER
Flow Routing Method DYNWAVE
Surcharge Method EXTRAN
Starting Date 04/10/2025 00:00:00
Ending Date 04/12/2025 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	2.384	25.000
Evaporation Loss	0.000	0.000
Infiltration Loss	1.965	20.605
Surface Runoff	0.303	3.179
Final Storage	0.119	1.243
Continuity Error (%)	-0.104	

*****	Volume	Volume
Flow Routing Continuity	hectare-m	10^6 ltr
*****	-----	-----
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	0.303	3.030
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	0.266	2.662
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.326	3.257
Final Stored Volume	0.351	3.511
Continuity Error (%)	1.810	

Highest Continuity Errors

Node T013042 (42.55%)
Node T013044 (36.18%)
Node T016001 (21.51%)
Node T013037 (13.78%)
Node T013033 (9.08%)

Time-Step Critical Elements

Link PD_IS_HDPE300 (66.34%)
Link PDDC01 (19.63%)
Link C131 (2.73%)

Highest Flow Instability Indexes

Link OFC_CC600 (4)
Link U013008 (2)
Link OFB_CC700 (2)
Link U013020 (1)

Most Frequent Nonconverging Nodes

Convergence obtained at all time steps.

Routing Time Step Summary

Minimum Time Step : 0.00 sec
Average Time Step : 2.70 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 : 59.39 %
3.155 - 1.991 sec : 7.65 %

1.991 - 1.256 sec : 9.30 %
1.256 - 0.792 sec : 9.93 %
0.792 - 0.500 sec : 13.73 %

Subcatchment Runoff Summary

-----			Total	Total	Total	Total	Imperv	Perv	Total
Total	Peak	Runoff	Precip	Runon	Evap	Infil	Runoff	Runoff	Runoff
Runoff	Runoff	Coeff							
Subcatchment	Subcatchment		mm	mm	mm	mm	mm	mm	mm
10^6 ltr	CMS								

G009005_1			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.05	0.04	0.066							
G009005_2			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.03	0.02	0.066							
G012001			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.05	0.04	0.066							
G013006			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.01	0.066							
G013007			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.04	0.03	0.066							
G013012			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.02	0.066							
G013016_1			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.03	0.03	0.066							
G013016_2			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.02	0.066							
G013024			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.04	0.03	0.066							
G013031			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.04	0.03	0.066							
G013032			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.03	0.02	0.066							
G013033			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.05	0.04	0.066							
G013037			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.04	0.03	0.066							
G013042			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.02	0.066							
G013043			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.03	0.03	0.066							
G013045			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.03	0.03	0.066							
G014001			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.06	0.04	0.066							
G015001_1			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.02	0.066							
G015001_2			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.02	0.066							
G015003_1			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.03	0.02	0.066							
G015003_2			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.02	0.066							
G016003_1			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.01	0.066							
G016003_2			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.03	0.02	0.066							
S1			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S1_1			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S1_10			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S1_2			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S1_3			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S1_4			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S1_5			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.00	0.066							
S1_6			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S1_7			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S1_8			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S10			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S101_2			25.00	0.00	0.00	22.13	1.65	0.00	1.65

S102			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S11			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.02	0.066							
S112			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S113			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S115_2			25.00	0.00	0.00	4.06	19.06	0.69	19.76
0.00	0.00	0.790							
S130			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S132			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.02	0.066							
S137			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.04	0.03	0.066							
S15_4			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S16			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S18			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S19			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S2			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S2_13			25.00	0.00	0.00	3.98	18.84	0.78	19.62
0.00	0.00	0.785							
S2_14			25.00	0.00	0.00	3.98	18.84	0.78	19.62
0.01	0.00	0.785							
S2_15			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S2_16			25.00	3.36	0.00	23.59	1.88	1.65	3.53
0.02	0.01	0.125							
S2_18			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S2_19			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S2_20			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S2_22			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S2_23			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.00	0.066							
S2_24			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S2_25			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S2_26			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S2_30			25.00	0.00	0.00	3.98	18.84	0.78	19.62
0.01	0.00	0.785							
S2_31			25.00	0.00	0.00	3.98	18.84	0.78	19.62
0.00	0.00	0.785							
S2_32			25.00	0.00	0.00	3.98	18.84	0.78	19.62
0.00	0.00	0.785							
S2_34			25.00	0.00	0.00	3.98	18.84	0.78	19.62
0.00	0.00	0.785							
S2_35			25.00	0.00	0.00	3.98	18.84	0.78	19.62
0.00	0.00	0.785							
S2_36			25.00	0.00	0.00	3.98	18.87	0.79	19.66
0.01	0.01	0.786							
S2_37			25.00	0.00	0.00	3.98	18.84	0.78	19.62
0.00	0.00	0.785							
S2_38			25.00	0.00	0.00	3.98	18.84	0.78	19.62
0.01	0.00	0.785							
S2_39			25.00	0.00	0.00	3.98	18.84	0.78	19.62
0.01	0.01	0.785							
S2_4			25.00	0.00	0.00	4.12	19.05	0.63	19.68
0.00	0.00	0.787							
S2_40			25.00	0.00	0.00	3.98	18.84	0.78	19.62
0.00	0.00	0.785							
S2_41			25.00	0.00	0.00	3.98	18.84	0.78	19.62
0.00	0.00	0.785							
S20_1			25.00	0.00	0.00	0.00	23.83	0.00	23.83
0.14	0.11	0.953							
S20_10			25.00	0.00	0.00	0.00	23.83	0.00	23.83
0.14	0.11	0.953							
S20_11			25.00	0.00	0.00	0.00	23.83	0.00	23.83
0.17	0.14	0.953							
S20_12			25.00	0.00	0.00	4.11	19.06	0.65	19.70
0.01	0.01	0.788							
S20_13			25.00	0.00	0.00	0.00	23.83	0.00	23.83
0.19	0.15	0.953							
S20_2			25.00	0.00	0.00	4.07	19.07	0.68	19.75
0.02	0.02	0.790							
S20_3			25.00	0.00	0.00	0.00	23.83	0.00	23.83
0.24	0.19	0.953							

S20_6			25.00	0.00	0.00	4.07	19.07	0.68	19.75
0.02	0.02	0.790							
S20_7			25.00	0.00	0.00	0.00	23.83	0.00	23.83
0.04	0.03	0.953							
S20_8			25.00	0.00	0.00	0.00	23.83	0.00	23.83
0.18	0.14	0.953							
S20_9			25.00	0.00	0.00	0.00	23.83	0.00	23.83
0.14	0.11	0.953							
S22_4			25.00	0.00	0.00	4.03	19.02	0.72	19.74
0.01	0.01	0.790							
S22_5			25.00	0.00	0.00	4.03	19.02	0.72	19.74
0.01	0.01	0.790							
S23			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.04	0.03	0.066							
S25			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.02	0.066							
S29			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S3			25.00	0.99	0.00	22.97	1.72	0.03	1.75
0.02	0.02	0.067							
S33			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.02	0.066							
S34			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.03	0.02	0.066							
S36			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.02	0.066							
S37_2			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.02	0.066							
S4			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S44_3			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S45			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S48_1			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.02	0.066							
S5			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.04	0.04	0.066							
S51			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.02	0.066							
S54			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S56_1			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S6			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S61			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S63_2			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.00	0.066							
S63_3			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S65			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.01	0.066							
S69			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.02	0.066							
S7			25.00	0.00	0.00	4.07	19.06	0.69	19.75
0.10	0.08	0.790							
S76_3			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S77			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S8			25.00	0.00	0.00	4.07	19.07	0.68	19.75
0.06	0.05	0.790							
S80_3			25.00	0.00	0.00	4.07	19.07	0.68	19.75
0.01	0.01	0.790							
S88_2			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.02	0.01	0.066							
S88_3			25.00	0.00	0.00	4.06	19.06	0.70	19.76
0.01	0.01	0.790							
S9_1			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.00	0.066							
S9_10			25.00	0.00	0.00	3.98	18.84	0.78	19.62
0.01	0.00	0.785							
S9_2			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S9_3			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S9_4			25.00	3.76	0.00	23.05	1.91	2.55	4.47
0.01	0.00	0.155							
S9_5			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S9_6			25.00	2.92	0.00	23.66	1.85	1.16	3.02
0.01	0.00	0.108							
S9_7			25.00	4.51	0.00	24.12	1.97	2.17	4.14
0.01	0.00	0.140							
S9_8			25.00	0.00	0.00	3.98	18.84	0.78	19.62
0.01	0.00	0.785							

S9_9			25.00	0.00	0.00	3.98	18.84	0.78	19.62
0.01	0.01	0.785							
S90			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							
S91_1			25.00	0.00	0.00	4.06	19.06	0.69	19.75
0.01	0.01	0.790							
S91_2			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.00	0.00	0.066							
S92			25.00	0.00	0.00	22.13	1.65	0.00	1.65
0.01	0.01	0.066							

Node Depth Summary

		Average	Maximum	Maximum	Time of Max		Reported
		Depth	Depth	HGL	Occurrence		Max Depth
Node	Type	Meters	Meters	Meters	days	hr:min	Meters
16017	JUNCTION	0.04	0.16	93.58	0	02:43	0.16
16094	JUNCTION	0.00	0.00	92.18	0	00:00	0.00
16130	JUNCTION	0.04	0.16	93.58	0	02:47	0.16
25010	JUNCTION	0.01	0.06	94.46	0	02:01	0.06
25025	JUNCTION	0.01	0.11	94.74	0	01:58	0.11
26419	JUNCTION	0.00	0.00	94.00	0	00:00	0.00
26456	JUNCTION	0.09	0.14	94.37	0	02:09	0.14
26578	JUNCTION	0.00	0.00	95.36	0	00:00	0.00
DDJ01	JUNCTION	0.01	0.07	100.44	0	01:51	0.07
DDJ02	JUNCTION	0.01	0.11	100.14	0	01:52	0.11
DDJ03	JUNCTION	0.01	0.09	100.01	0	01:55	0.09
DDJ04	JUNCTION	0.01	0.09	99.78	0	01:58	0.09
DDJ05	JUNCTION	0.01	0.10	99.48	0	02:00	0.10
DDJ06	JUNCTION	0.01	0.08	99.30	0	02:02	0.08
DDJ07	JUNCTION	0.01	0.08	98.46	0	02:04	0.08
DDJ08	JUNCTION	0.01	0.08	98.10	0	02:06	0.08
DDJ09	JUNCTION	0.01	0.09	97.94	0	02:06	0.09
DDJ10	JUNCTION	0.01	0.07	97.76	0	02:07	0.07
DDJ11	JUNCTION	0.01	0.07	97.54	0	02:08	0.07
DDJ12	JUNCTION	0.01	0.09	97.37	0	02:08	0.09
DDJ13	JUNCTION	0.01	0.07	97.11	0	02:10	0.07
DDJ14	JUNCTION	0.01	0.08	96.35	0	02:13	0.08
J101	JUNCTION	0.01	0.06	99.12	0	01:40	0.06
J117	JUNCTION	0.01	0.11	100.56	0	01:48	0.11
J14	JUNCTION	0.01	0.09	92.15	0	01:59	0.09
J152	JUNCTION	0.00	0.04	102.63	0	01:40	0.04
J160	JUNCTION	0.00	0.05	103.59	0	01:38	0.05
J17	JUNCTION	0.02	0.14	92.87	0	01:58	0.14
J2	JUNCTION	0.01	0.08	93.58	0	02:47	0.08
J24	JUNCTION	0.00	0.00	96.89	0	00:00	0.00
J253	JUNCTION	0.00	0.06	102.25	0	01:43	0.06
J259	JUNCTION	0.00	0.06	99.38	0	01:52	0.06
J26	JUNCTION	0.00	0.15	98.07	0	01:40	0.15
J274	JUNCTION	0.01	0.07	91.45	0	02:00	0.07
J276	JUNCTION	0.00	0.07	96.33	0	01:45	0.07
J28	JUNCTION	0.00	0.08	100.40	0	01:43	0.08
J29	JUNCTION	0.01	0.20	101.25	0	01:43	0.20
J3	JUNCTION	0.00	0.06	102.36	0	01:40	0.06
J30	JUNCTION	0.00	0.16	101.47	0	01:41	0.16
J31	JUNCTION	0.00	0.11	101.92	0	01:40	0.11
J32	JUNCTION	0.00	0.08	102.16	0	01:40	0.08
J33	JUNCTION	0.01	0.12	95.01	0	01:47	0.12
J34	JUNCTION	0.00	0.05	102.55	0	01:40	0.05
J35	JUNCTION	0.06	0.21	94.98	0	01:52	0.21
J36	JUNCTION	0.00	0.02	94.54	0	01:59	0.02
J38	JUNCTION	0.30	0.47	97.17	0	04:28	0.47
J39	JUNCTION	0.01	0.46	97.98	0	01:41	0.46
J43	JUNCTION	0.01	0.09	94.90	0	01:54	0.09
J46	JUNCTION	0.00	0.04	98.28	0	01:40	0.04
J47	JUNCTION	0.01	0.41	97.61	0	01:41	0.41
J48	JUNCTION	0.00	0.13	98.41	0	01:40	0.13
J49	JUNCTION	0.00	0.07	101.07	0	01:40	0.07
J5	JUNCTION	0.01	0.08	91.88	0	01:44	0.08
J50	JUNCTION	0.00	0.06	98.89	0	01:40	0.06
J51	JUNCTION	0.01	0.54	98.84	0	01:40	0.54
J52	JUNCTION	0.00	0.11	100.11	0	01:40	0.11
J53	JUNCTION	0.00	0.03	97.14	0	01:38	0.03
J54	JUNCTION	0.00	0.22	99.31	0	01:40	0.22
J55	JUNCTION	0.00	0.21	98.84	0	01:40	0.20
J56	JUNCTION	0.01	0.41	98.01	0	01:41	0.41
J58	JUNCTION	0.00	0.02	99.60	0	01:40	0.02
J59	JUNCTION	0.00	0.03	99.13	0	01:40	0.03
J60	JUNCTION	0.00	0.05	98.56	0	01:40	0.05

J61	JUNCTION	0.00	0.10	98.41	0	01:41	0.10
J62	JUNCTION	0.00	0.03	102.03	0	01:40	0.03
J63	JUNCTION	0.00	0.06	99.66	0	01:40	0.06
J64	JUNCTION	0.01	0.10	97.60	0	01:42	0.10
J65	JUNCTION	0.00	0.06	99.21	0	01:41	0.06
J66	JUNCTION	0.00	0.05	98.45	0	01:43	0.05
J67	JUNCTION	0.00	0.07	96.07	0	01:43	0.07
J68	JUNCTION	0.00	0.13	94.99	0	01:43	0.13
J69	JUNCTION	0.01	0.19	94.83	0	01:44	0.19
J70	JUNCTION	0.00	0.11	99.57	0	01:40	0.11
J71	JUNCTION	0.00	0.08	98.08	0	01:40	0.08
J72	JUNCTION	0.00	0.12	97.68	0	01:40	0.12
J73	JUNCTION	0.00	0.00	99.79	0	00:00	0.00
J8	JUNCTION	0.01	0.10	90.61	0	02:03	0.10
J80	JUNCTION	0.01	0.06	98.14	0	01:43	0.06
J87	JUNCTION	0.00	0.08	100.06	0	01:40	0.08
J88	JUNCTION	0.00	0.11	101.71	0	01:42	0.11
J89	JUNCTION	0.01	0.36	98.01	0	01:41	0.36
J9	JUNCTION	0.01	0.29	97.92	0	01:40	0.29
J90	JUNCTION	0.00	0.00	102.50	0	00:00	0.00
J92	JUNCTION	0.00	0.06	98.34	0	01:43	0.06
J93	JUNCTION	0.00	0.09	99.29	0	01:42	0.09
J94	JUNCTION	0.01	0.25	98.07	0	01:40	0.25
PDDJ01	JUNCTION	0.06	0.07	96.74	0	04:29	0.07
PDDJ02	JUNCTION	0.06	0.08	96.72	0	04:29	0.08
PDDJ03	JUNCTION	0.06	0.07	96.68	0	04:30	0.07
PDDJ04	JUNCTION	0.06	0.08	96.60	0	04:32	0.08
PDDJ05	JUNCTION	0.06	0.08	96.38	0	04:35	0.08
PDDJ06	JUNCTION	0.08	0.10	96.29	0	04:37	0.10
PDDJ07	JUNCTION	0.04	0.05	96.10	0	04:10	0.05
PDDJ08	JUNCTION	0.05	0.07	95.57	0	01:41	0.07
PDDJ09	JUNCTION	0.07	0.09	95.38	0	01:41	0.09
PDDJ10	JUNCTION	0.03	0.05	95.21	0	01:41	0.05
PDDJ11	JUNCTION	0.06	0.10	94.40	0	02:07	0.10
T009007	JUNCTION	0.00	0.00	100.64	0	00:00	0.00
T012001	JUNCTION	0.00	0.04	101.04	0	01:40	0.04
T013002	JUNCTION	0.01	0.07	100.71	0	01:49	0.07
T013003	JUNCTION	0.01	0.06	100.88	0	01:46	0.06
T013006	JUNCTION	0.01	0.04	101.39	0	01:49	0.04
T013007	JUNCTION	0.01	0.06	101.72	0	01:48	0.06
T013012	JUNCTION	0.02	0.06	103.53	0	01:44	0.06
T013016	JUNCTION	0.05	0.09	103.54	0	01:44	0.09
T013019	JUNCTION	0.02	0.03	104.48	0	03:18	0.03
T013020	JUNCTION	0.03	0.04	104.83	0	03:15	0.04
T013021	JUNCTION	0.00	0.01	105.13	0	03:13	0.01
T013022	JUNCTION	0.02	0.05	105.51	0	03:09	0.05
T013023	JUNCTION	0.01	0.05	105.84	0	01:50	0.05
T013024	JUNCTION	0.01	0.03	106.15	0	01:44	0.03
T013025	JUNCTION	0.01	0.03	106.32	0	02:42	0.03
T013031	JUNCTION	0.01	0.03	107.35	0	02:07	0.03
T013032	JUNCTION	0.01	0.03	107.74	0	03:08	0.03
T013033	JUNCTION	0.01	0.03	108.29	0	01:44	0.03
T013037	JUNCTION	0.01	0.02	108.56	0	03:33	0.02
T013042	JUNCTION	0.03	0.04	108.56	0	04:10	0.04
T013044	JUNCTION	0.02	0.03	108.56	0	04:10	0.03
T013045	JUNCTION	0.01	0.04	108.58	0	01:43	0.04
T014001	JUNCTION	0.02	0.10	103.58	0	01:36	0.10
T015001	JUNCTION	0.01	0.04	104.58	0	02:04	0.04
T015003	JUNCTION	0.02	0.04	106.18	0	01:44	0.04
T016001	JUNCTION	0.01	0.04	108.65	0	02:09	0.04
T016003	JUNCTION	0.02	0.07	108.84	0	01:43	0.07
T043003	JUNCTION	0.01	0.06	101.23	0	01:42	0.06
OF-A	OUTFALL	0.00	0.05	91.55	0	01:44	0.05
OF-B	OUTFALL	0.02	0.12	93.35	0	02:47	0.12
OF-C	OUTFALL	0.06	0.11	94.26	0	02:09	0.11
OF-EX	OUTFALL	0.01	0.05	89.67	0	02:03	0.05
SU1	STORAGE	1.50	1.68	97.18	0	04:28	1.68

Node Inflow Summary

		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
Node	Type							
16017	JUNCTION	0.017	0.021	0	02:21	0.0211	0.0565	0.504
16094	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
16130	JUNCTION	0.021	0.100	0	02:13	0.0251	0.845	0.568
25010	JUNCTION	0.004	0.019	0	01:59	0.0074	0.095	0.029

25025	JUNCTION	0.009	0.036	0	01:43	0.0118	0.0879	0.250
26419	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
26456	JUNCTION	0.000	0.030	0	02:07	0	1.42	0.061
26578	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
DDJ01	JUNCTION	0.000	0.080	0	01:50	0	0.456	0.083
DDJ02	JUNCTION	0.000	0.109	0	01:51	0	0.564	0.041
DDJ03	JUNCTION	0.021	0.113	0	01:52	0.0258	0.641	0.209
DDJ04	JUNCTION	0.019	0.103	0	01:56	0.0238	0.663	0.063
DDJ05	JUNCTION	0.012	0.102	0	01:58	0.0144	0.677	0.055
DDJ06	JUNCTION	0.006	0.101	0	02:00	0.00697	0.684	0.059
DDJ07	JUNCTION	0.010	0.100	0	02:02	0.0118	0.695	0.074
DDJ08	JUNCTION	0.000	0.099	0	02:05	0	0.694	0.039
DDJ09	JUNCTION	0.003	0.099	0	02:06	0.00412	0.698	0.028
DDJ10	JUNCTION	0.000	0.099	0	02:07	0	0.698	0.015
DDJ11	JUNCTION	0.000	0.099	0	02:07	0	0.698	0.021
DDJ12	JUNCTION	0.003	0.099	0	02:08	0.00325	0.701	0.014
DDJ13	JUNCTION	0.000	0.099	0	02:09	0	0.701	0.062
DDJ14	JUNCTION	0.016	0.101	0	02:10	0.0199	0.741	-0.151
J101	JUNCTION	0.017	0.038	0	01:52	0.0209	0.146	0.042
J117	JUNCTION	0.016	0.059	0	01:41	0.0199	0.105	1.705
J14	JUNCTION	0.008	0.061	0	01:58	0.01	0.356	0.055
J152	JUNCTION	0.016	0.016	0	01:35	0.0196	0.0196	-0.144
J160	JUNCTION	0.037	0.037	0	01:40	0.0459	0.0459	-0.153
J17	JUNCTION	0.015	0.061	0	01:54	0.0184	0.346	0.102
J2	JUNCTION	0.000	0.018	0	02:08	0	0.021	1.122
J24	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J253	JUNCTION	0.015	0.070	0	01:39	0.0186	0.0843	-1.086
J259	JUNCTION	0.017	0.038	0	01:49	0.0212	0.125	-0.142
J26	JUNCTION	0.001	0.028	0	01:41	0.0012	0.0483	0.061
J274	JUNCTION	0.011	0.062	0	01:59	0.0137	0.369	-0.015
J276	JUNCTION	0.006	0.063	0	01:42	0.00739	0.215	0.119
J28	JUNCTION	0.000	0.063	0	01:43	0	0.107	-0.005
J29	JUNCTION	0.007	0.071	0	01:40	0.00939	0.108	0.075
J3	JUNCTION	0.014	0.014	0	01:35	0.0166	0.0166	-0.080
J30	JUNCTION	0.039	0.068	0	01:40	0.0475	0.098	-0.177
J31	JUNCTION	0.011	0.033	0	01:40	0.0146	0.0438	-0.063
J32	JUNCTION	0.010	0.023	0	01:40	0.0125	0.0292	0.010
J33	JUNCTION	0.035	0.072	0	01:40	0.0432	0.258	0.114
J34	JUNCTION	0.009	0.009	0	01:40	0.0119	0.0119	-0.091
J35	JUNCTION	0.018	0.065	0	01:43	0.0223	0.282	1.435
J36	JUNCTION	0.000	0.019	0	01:59	0	0.0877	0.005
J38	JUNCTION	0.000	0.013	0	04:27	0	1.3	0.014
J39	JUNCTION	0.029	0.691	0	01:40	0.0367	0.979	0.040
J43	JUNCTION	0.041	0.061	0	01:51	0.0501	0.328	-0.300
J46	JUNCTION	0.004	0.019	0	01:40	0.00492	0.0273	-0.007
J47	JUNCTION	0.111	0.887	0	01:40	0.141	1.26	0.067
J48	JUNCTION	0.114	0.114	0	01:40	0.145	0.145	-0.051
J49	JUNCTION	0.048	0.048	0	01:40	0.0627	0.0627	-0.038
J5	JUNCTION	0.036	0.036	0	01:40	0.044	0.044	0.200
J50	JUNCTION	0.019	0.066	0	01:40	0.0246	0.0873	-0.011
J51	JUNCTION	0.136	0.428	0	01:40	0.173	0.562	-0.019
J52	JUNCTION	0.075	0.075	0	01:40	0.0972	0.0972	-0.042
J53	JUNCTION	0.017	0.017	0	01:35	0.0207	0.0207	-0.207
J54	JUNCTION	0.016	0.090	0	01:40	0.0211	0.118	0.023
J55	JUNCTION	0.145	0.233	0	01:40	0.184	0.302	-0.024
J56	JUNCTION	0.112	0.261	0	01:40	0.142	0.38	-0.005
J58	JUNCTION	0.007	0.007	0	01:40	0.00945	0.00945	-0.089
J59	JUNCTION	0.003	0.010	0	01:40	0.00425	0.0137	-0.003
J60	JUNCTION	0.004	0.014	0	01:40	0.00513	0.0188	-0.050
J61	JUNCTION	0.003	0.017	0	01:40	0.00352	0.0224	0.089
J62	JUNCTION	0.003	0.012	0	01:40	0.00347	0.0154	0.021
J63	JUNCTION	0.005	0.017	0	01:40	0.00733	0.0227	-0.041
J64	JUNCTION	0.028	0.062	0	01:40	0.0343	0.208	-0.139
J65	JUNCTION	0.003	0.019	0	01:41	0.00406	0.0267	-0.055
J66	JUNCTION	0.003	0.021	0	01:41	0.00377	0.0305	0.045
J67	JUNCTION	0.012	0.027	0	01:41	0.0145	0.045	-0.029
J68	JUNCTION	0.016	0.037	0	01:40	0.02	0.065	-0.134
J69	JUNCTION	0.009	0.037	0	01:41	0.011	0.0761	-0.038
J70	JUNCTION	0.000	0.075	0	01:40	0	0.0973	0.015
J71	JUNCTION	0.009	0.028	0	01:40	0.0197	0.047	-0.009
J72	JUNCTION	0.000	0.110	0	01:40	0	0.145	-0.030
J73	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J8	JUNCTION	0.015	0.063	0	02:00	0.0184	0.388	0.093
J80	JUNCTION	0.010	0.045	0	01:42	0.0128	0.174	0.170
J87	JUNCTION	0.000	0.048	0	01:40	0	0.0628	0.022
J88	JUNCTION	0.005	0.036	0	01:40	0.00675	0.0506	0.175
J89	JUNCTION	0.000	0.165	0	01:40	0	0.238	0.128
J9	JUNCTION	0.000	0.113	0	01:40	0	0.145	0.049
J90	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								

J92	JUNCTION	0.013	0.048	0	01:40	0.0153	0.161	0.068
J93	JUNCTION	0.000	0.017	0	01:40	0	0.0227	0.066
J94	JUNCTION	0.149	0.172	0	01:40	0.189	0.237	-0.137
PDDJ01	JUNCTION	0.000	0.013	0	04:28	0	1.3	0.004
PDDJ02	JUNCTION	0.000	0.013	0	04:28	0	1.3	0.029
PDDJ03	JUNCTION	0.000	0.013	0	04:29	0	1.3	0.021
PDDJ04	JUNCTION	0.001	0.013	0	04:30	0.0012	1.3	0.052
PDDJ05	JUNCTION	0.002	0.013	0	04:10	0.00274	1.3	0.065
PDDJ06	JUNCTION	0.002	0.013	0	04:10	0.00254	1.3	0.092
PDDJ07	JUNCTION	0.008	0.013	0	04:10	0.00933	1.31	0.034
PDDJ08	JUNCTION	0.003	0.014	0	01:40	0.00817	1.32	0.040
PDDJ09	JUNCTION	0.004	0.017	0	01:40	0.00812	1.33	0.045
PDDJ10	JUNCTION	0.003	0.019	0	01:40	0.00352	1.33	0.018
PDDJ11	JUNCTION	0.000	0.031	0	02:05	0	1.42	0.069
T009007	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T012001	JUNCTION	0.041	0.041	0	01:40	0.0504	0.0504	-1.857
T013002	JUNCTION	0.000	0.081	0	01:47	0	0.457	0.129
T013003	JUNCTION	0.000	0.076	0	01:44	0	0.458	0.308
T013006	JUNCTION	0.013	0.055	0	01:48	0.0157	0.459	0.075
T013007	JUNCTION	0.032	0.069	0	01:41	0.0388	0.445	0.440
T013012	JUNCTION	0.020	0.086	0	01:40	0.0239	0.415	2.134
T013016	JUNCTION	0.047	0.047	0	01:40	0.0576	0.256	1.314
T013019	JUNCTION	0.000	0.010	0	03:16	0	0.201	1.363
T013020	JUNCTION	0.000	0.010	0	03:13	0	0.206	2.196
T013021	JUNCTION	0.000	0.011	0	01:57	0	0.206	0.132
T013022	JUNCTION	0.000	0.016	0	01:54	0	0.208	0.988
T013023	JUNCTION	0.000	0.014	0	01:45	0	0.208	0.075
T013024	JUNCTION	0.030	0.030	0	01:40	0.0364	0.212	1.610
T013025	JUNCTION	0.000	0.014	0	02:26	0	0.183	4.590
T013031	JUNCTION	0.032	0.034	0	01:40	0.0392	0.185	1.051
T013032	JUNCTION	0.023	0.026	0	01:40	0.0277	0.15	2.517
T013033	JUNCTION	0.038	0.040	0	01:36	0.047	0.134	9.983
T013037	JUNCTION	0.029	0.030	0	01:39	0.036	0.109	15.979
T013042	JUNCTION	0.019	0.020	0	01:38	0.0231	0.068	74.055
T013044	JUNCTION	0.028	0.034	0	01:40	0.0338	0.0605	56.690
T013045	JUNCTION	0.025	0.025	0	01:35	0.0307	0.0307	14.573
T014001	JUNCTION	0.045	0.045	0	01:40	0.0551	0.0551	-0.625
T015001	JUNCTION	0.034	0.041	0	01:40	0.0417	0.087	4.742
T015003	JUNCTION	0.038	0.038	0	01:40	0.0462	0.0462	1.893
T016001	JUNCTION	0.000	0.024	0	01:37	0	0.0427	27.403
T016003	JUNCTION	0.036	0.036	0	01:40	0.044	0.044	3.184
T043003	JUNCTION	0.000	0.055	0	01:49	0	0.459	0.080
OF-A	OUTFALL	0.000	0.008	0	01:44	0	0.0439	0.000
OF-B	OUTFALL	0.000	0.053	0	02:47	0	0.783	0.000
OF-C	OUTFALL	0.000	0.030	0	02:09	0	1.42	0.000
OF-EX	OUTFALL	0.020	0.064	0	02:02	0.0255	0.413	0.000
SU1	STORAGE	0.191	1.052	0	01:40	0.242	4.76	-0.009

Node Surcharge Summary

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

Node	Type	Hours Surcharged	Max. Height	Min. Depth
			Above Crown Meters	Below Rim Meters
T009007	JUNCTION	48.00	0.000	0.000

Node Flooding Summary

No nodes were flooded.

Storage Volume Summary

Storage Unit	Average Volume 1000 m³	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 m³	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CMS
SU1	3.977	36.3	0.0	0.0	4.614	42.1	0 04:28	0.013

Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 10^6 ltr
OF-A	32.81	0.001	0.008	0.044
OF-B	98.54	0.005	0.053	0.783
OF-C	98.48	0.009	0.030	1.422
OF-EX	79.35	0.004	0.064	0.413
System	77.30	0.019	0.138	2.662

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
AR02_HDPE450	CONDUIT	0.016	0	01:41	1.05	0.06	0.15
AR1_HDPE600	CONDUIT	0.019	0	01:59	1.11	0.03	0.11
C10	CONDUIT	0.015	0	01:40	0.18	0.01	0.07
C100	CHANNEL	0.061	0	01:59	0.48	0.01	0.11
C101	CHANNEL	0.062	0	02:00	0.42	0.00	0.10
C103	CHANNEL	0.063	0	02:03	0.33	0.04	0.21
C129	CONDUIT	0.014	0	01:40	0.17	0.01	0.15
C130	CONDUIT	0.012	0	01:40	0.25	0.00	0.03
C131	CONDUIT	0.884	0	01:41	1.89	0.05	0.30
C132_1	CONDUIT	0.017	0	01:40	0.20	0.00	0.04
C132_2	CONDUIT	0.016	0	01:41	0.18	0.01	0.07
C133	CONDUIT	0.019	0	01:42	0.30	0.00	0.06
C134	CONDUIT	0.020	0	01:43	0.30	0.01	0.07
C135	CONDUIT	0.025	0	01:43	0.21	0.01	0.10
C136	CONDUIT	0.032	0	01:43	0.16	0.02	0.16
C137	CONDUIT	0.033	0	01:45	0.19	0.12	0.14
C1450_1	CHANNEL	0.010	0	02:04	0.15	0.00	0.07
C20	CONDUIT	0.018	0	01:39	0.27	0.02	0.15
C25_3	CHANNEL	0.000	0	00:00	0.00	0.00	0.18
C26_1	CONDUIT	0.000	0	00:00	0.00	0.00	0.11
C26_2	CONDUIT	0.013	0	01:40	0.16	0.06	0.25
C26_5	CONDUIT	0.009	0	01:40	0.22	0.00	0.05
C30	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
C30_3	CONDUIT	0.000	0	00:00	0.00	0.00	0.13
C36	CONDUIT	0.022	0	01:40	0.18	0.05	0.22
C45	CONDUIT	0.039	0	01:39	0.38	0.01	0.08
C46_1	CONDUIT	0.032	0	01:41	0.24	0.05	0.20
C46_2	CONDUIT	0.034	0	01:42	0.21	0.03	0.20
C47	CONDUIT	0.064	0	01:41	0.28	0.08	0.29
C50	CONDUIT	0.063	0	01:43	0.35	0.07	0.23
C57	CHANNEL	0.049	0	01:43	0.25	0.05	0.31
C60	CONDUIT	0.065	0	01:44	0.27	0.02	0.12
C70	CHANNEL	0.036	0	01:49	0.45	0.00	0.08
C72	CONDUIT	0.007	0	01:40	0.27	0.00	0.03
C75	CONDUIT	0.035	0	01:52	0.30	0.01	0.06
C80	CONDUIT	0.010	0	01:40	0.26	0.00	0.05
C81	CHANNEL	0.037	0	01:40	0.27	0.15	0.46
C86	CONDUIT	0.040	0	01:43	0.30	0.01	0.06
C87	CHANNEL	0.043	0	01:43	0.21	0.01	0.13
C89	CHANNEL	0.060	0	01:42	0.64	0.00	0.12
C91	CHANNEL	0.056	0	01:45	0.27	0.01	0.11
C93	CHANNEL	0.060	0	01:47	0.19	0.02	0.22
C95	CHANNEL	0.056	0	01:53	0.17	0.09	0.25
C96	CHANNEL	0.060	0	01:54	0.33	0.00	0.11
C99	CHANNEL	0.060	0	01:58	0.55	0.00	0.11
DDC01	CONDUIT	0.070	0	01:51	0.36	0.01	0.12
DDC02	CONDUIT	0.104	0	01:53	0.46	0.02	0.12
DDC03	CONDUIT	0.101	0	01:56	0.34	0.01	0.07
DDC04	CONDUIT	0.101	0	01:58	0.32	0.01	0.07
DDC05	CONDUIT	0.101	0	02:00	0.35	0.01	0.07
DDC06	CONDUIT	0.099	0	02:02	0.39	0.01	0.06
DDC07	CONDUIT	0.099	0	02:05	0.38	0.01	0.06
DDC08	CONDUIT	0.099	0	02:06	0.37	0.01	0.07
DDC09	CONDUIT	0.099	0	02:07	0.38	0.01	0.07
DDC10	CONDUIT	0.099	0	02:07	0.43	0.01	0.07
DDC11	CONDUIT	0.099	0	02:08	0.36	0.01	0.10
DDC12	CONDUIT	0.099	0	02:09	0.53	0.02	0.11
DDC13	CONDUIT	0.099	0	02:10	0.52	0.01	0.07
MDC01	CONDUIT	0.075	0	01:40	0.58	0.01	0.11
MDC02	CONDUIT	0.074	0	01:40	0.34	0.01	0.17

MDC03_HDPE600	CONDUIT	0.089	0	01:40	1.11	0.05	0.29
MDC04	CONDUIT	0.227	0	01:40	0.28	0.01	0.27
MDC05_HDPE900	CONDUIT	0.414	0	01:40	1.16	0.17	0.55
NDC01	CONDUIT	0.019	0	01:40	0.32	0.01	0.12
NDC02	CONDUIT	0.027	0	01:41	0.21	0.03	0.25
NDC03	CONDUIT	0.031	0	01:42	0.14	0.03	0.36
NDC04	CONDUIT	0.165	0	01:40	0.41	0.13	0.46
NDC05	CONDUIT	0.158	0	01:41	0.11	0.04	0.46
NDC06	CONDUIT	0.251	0	01:41	0.31	0.17	0.51
NDC07	CONDUIT	0.682	0	01:41	0.84	0.11	0.35
NDC08	CONDUIT	0.110	0	01:40	0.29	0.01	0.21
NDC09_HDPE600	CONDUIT	0.110	0	01:40	1.26	0.25	0.35
NDC10	CONDUIT	0.113	0	01:40	0.40	0.03	0.26
OFA_CC700	CONDUIT	0.008	0	01:44	0.45	0.01	0.10
OFB_CC700	CONDUIT	0.053	0	02:47	0.99	0.06	0.20
OFC_CC600	CONDUIT	0.030	0	02:09	0.71	0.09	0.21
PD_IS_HDPE300	CONDUIT	0.013	0	04:27	0.18	0.07	1.00
PDDC01	CONDUIT	0.013	0	04:28	0.26	0.02	0.16
PDDC02	CONDUIT	0.013	0	04:29	0.25	0.02	0.13
PDDC03	CONDUIT	0.013	0	04:30	0.26	0.01	0.09
PDDC04	CONDUIT	0.013	0	04:32	0.25	0.00	0.05
PDDC05	CONDUIT	0.013	0	04:35	0.20	0.00	0.06
PDDC06	CONDUIT	0.013	0	04:10	0.25	0.01	0.11
PDDC07	CONDUIT	0.013	0	04:10	0.35	0.01	0.10
PDDC08	CONDUIT	0.013	0	01:41	0.26	0.01	0.10
PDDC09	CONDUIT	0.016	0	01:41	0.35	0.01	0.09
PDDC10	CONDUIT	0.019	0	01:41	0.43	0.00	0.09
PUB_rd_DC01	CHANNEL	0.000	0	00:00	0.00	0.00	0.04
PUB_rd_DC02	CHANNEL	0.019	0	01:59	0.10	0.01	0.11
PUB_rd_DC03	CHANNEL	0.019	0	02:01	0.14	0.00	0.08
PUB_rd_DC04	CHANNEL	0.030	0	02:07	0.14	0.00	0.13
PUB_rd_DC05	CHANNEL	0.000	0	00:00	0.00	0.00	0.10
PUB_rd_DC06	CHANNEL	0.020	0	02:21	0.10	0.00	0.09
PUB_rd_DC07	CHANNEL	0.018	0	02:08	0.05	0.00	0.10
PUB_rd_DC08	CHANNEL	0.000	0	00:00	0.00	0.00	0.03
SDC01	CONDUIT	0.048	0	01:40	0.55	0.01	0.08
SDC02	CONDUIT	0.047	0	01:40	0.60	0.01	0.07
SDC03	CONDUIT	0.065	0	01:40	0.09	0.00	0.25
SMC14	CHANNEL	0.098	0	02:13	0.36	0.01	0.17
U012001	CHANNEL	0.041	0	01:40	0.22	0.00	0.07
U013002	CHANNEL	0.080	0	01:50	0.32	0.00	0.03
U013003	CHANNEL	0.081	0	01:47	0.32	0.00	0.04
U013004	CHANNEL	0.076	0	01:44	0.31	0.00	0.03
U013006_2	CHANNEL	0.055	0	01:49	0.35	0.00	0.03
U013007	CHANNEL	0.053	0	01:48	0.23	0.00	0.03
U013008	CHANNEL	0.053	0	01:44	5.84	0.00	0.03
U013015	CHANNEL	0.014	0	01:44	0.67	0.00	0.04
U013019	CHANNEL	0.010	0	03:18	0.10	0.00	0.04
U013020	CHANNEL	0.010	0	03:16	>50.00	0.00	0.02
U013021	CHANNEL	0.010	0	03:13	0.16	0.00	0.01
U013022	CHANNEL	0.011	0	01:57	27.26	0.00	0.02
U013023	CHANNEL	0.016	0	01:54	0.21	0.00	0.04
U013024	CHANNEL	0.014	0	01:45	0.23	0.00	0.04
U013025	CHANNEL	0.010	0	02:52	0.07	0.00	0.02
U013026	CHANNEL	0.014	0	02:26	0.31	0.00	0.02
U013032	CHANNEL	0.008	0	02:13	0.09	0.00	0.02
U013033	CHANNEL	0.010	0	01:52	2.32	0.00	0.02
U013034	CHANNEL	0.004	0	02:29	5.85	0.00	0.01
U013038	CHANNEL	0.002	0	02:34	0.03	0.00	0.02
U013044	CHANNEL	0.004	0	02:22	0.02	0.00	0.02
U013045	CHANNEL	0.010	0	01:44	0.14	0.00	0.02
U014001	CHANNEL	0.048	0	01:39	8.16	0.00	0.04
U015002	CHANNEL	0.010	0	01:50	2.00	0.00	0.03
U016001	CHANNEL	0.006	0	02:12	7.86	0.00	0.02
U016002	CHANNEL	0.024	0	01:37	10.47	0.00	0.03
OR1	ORIFICE	0.013	0	04:28			1.00

Flow Classification Summary

Conduit	Adjusted /Actual Length	----- Fraction of Time in Flow Class -----								
		Up Dry		Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
AR02_HDPE450	1.00	0.00	0.00	0.00	0.89	0.11	0.00	0.00	0.00	0.00
AR1_HDPE600	1.00	0.00	0.00	0.00	0.70	0.30	0.00	0.00	0.00	0.00
C10	1.00	0.00	0.71	0.00	0.29	0.00	0.00	0.00	0.98	0.00
C100	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
C101	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.97	0.00
C103	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C129	1.00	0.00	0.17	0.00	0.83	0.00	0.00	0.00	1.00	0.00

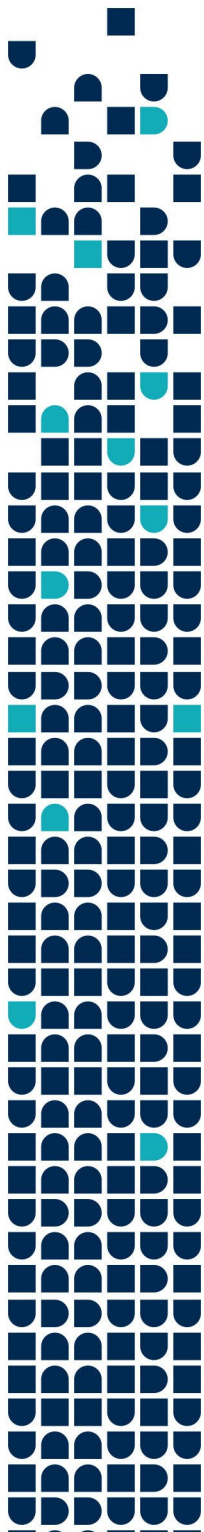
C130	1.00	0.11	0.42	0.00	0.47	0.00	0.00	0.00	0.73	0.00
C131	1.00	0.00	0.00	0.00	0.97	0.00	0.00	0.03	0.97	0.00
C132_1	1.00	0.00	0.11	0.00	0.89	0.00	0.00	0.00	0.98	0.00
C132_2	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.01	0.00
C133	1.00	0.08	0.26	0.00	0.66	0.00	0.00	0.00	0.46	0.00
C134	1.00	0.00	0.08	0.00	0.92	0.00	0.00	0.00	1.00	0.00
C135	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C136	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C137	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.74	0.00
C1450_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
C20	1.00	0.00	0.76	0.00	0.24	0.00	0.00	0.00	0.97	0.00
C25_3	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C26_1	1.00	0.68	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C26_2	1.00	0.44	0.24	0.00	0.32	0.00	0.00	0.00	0.44	0.00
C26_5	1.00	0.51	0.17	0.00	0.32	0.00	0.00	0.00	0.00	0.00
C30	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C30_3	1.00	0.03	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C36	1.00	0.18	0.26	0.00	0.56	0.00	0.00	0.00	0.62	0.00
C45	1.00	0.00	0.68	0.00	0.32	0.00	0.00	0.00	0.98	0.00
C46_1	1.00	0.07	0.11	0.00	0.82	0.00	0.00	0.00	0.76	0.00
C46_2	1.00	0.02	0.05	0.00	0.93	0.00	0.00	0.00	0.91	0.00
C47	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.98	0.00
C50	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C57	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C60	1.00	0.01	0.11	0.00	0.88	0.00	0.00	0.00	0.96	0.00
C70	1.00	0.00	0.00	0.00	0.23	0.77	0.00	0.00	0.00	0.00
C72	1.00	0.43	0.30	0.00	0.27	0.00	0.00	0.00	0.26	0.00
C75	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C80	1.00	0.17	0.26	0.00	0.57	0.00	0.00	0.00	0.77	0.00
C81	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
C86	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C87	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C89	1.00	0.00	0.00	0.00	0.02	0.98	0.00	0.00	0.00	0.00
C91	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C93	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C95	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
C96	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.98	0.00
C99	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
DDC01	1.00	0.01	0.03	0.00	0.96	0.00	0.00	0.00	0.96	0.00
DDC02	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.04	0.00
DDC03	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.42	0.00
DDC04	1.00	0.00	0.00	0.00	1.00	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	0.00	0.00
DDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
DDC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
DDC08	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.99	0.00
DDC09	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
DDC10	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
DDC11	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.98	0.00
DDC12	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.88	0.00
DDC13	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
MDC01	1.00	0.08	0.39	0.00	0.53	0.00	0.00	0.00	0.50	0.00
MDC02	1.00	0.00	0.09	0.00	0.91	0.00	0.00	0.00	1.00	0.00
MDC03_HDPE600	1.00	0.00	0.00	0.00	0.86	0.14	0.00	0.00	0.00	0.89
MDC04	1.00	0.00	0.11	0.00	0.89	0.00	0.00	0.00	0.99	0.00
MDC05_HDPE900	1.00	0.00	0.00	0.00	0.96	0.04	0.00	0.00	0.00	0.93
NDC01	1.00	0.13	0.50	0.00	0.27	0.00	0.00	0.10	0.44	0.00
NDC02	1.00	0.01	0.12	0.00	0.87	0.00	0.00	0.00	0.86	0.00
NDC03	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.99	0.00
NDC04	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
NDC05	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
NDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
NDC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
NDC08	1.00	0.00	0.40	0.00	0.60	0.00	0.00	0.00	1.00	0.00
NDC09_HDPE600	1.00	0.00	0.00	0.00	0.88	0.12	0.00	0.00	0.00	0.01
NDC10	1.00	0.00	0.19	0.00	0.81	0.00	0.00	0.00	0.99	0.00
OFA_CC700	1.00	0.00	0.00	0.00	0.81	0.19	0.00	0.00	0.00	0.08
OFB_CC700	1.00	0.00	0.00	0.00	0.48	0.52	0.00	0.00	0.00	0.57
OFC_CC600	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.92
PD_IS_HDPE300	1.00	0.00	0.01	0.00	0.97	0.00	0.01	0.00	0.00	0.00
PDDC01	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.25	0.00
PDDC02	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
PDDC03	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.96	0.00
PDDC04	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
PDDC05	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
PDDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
PDDC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
PDDC08	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
PDDC09	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
PDDC10	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
PUB_rd_DC01	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC02	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.99	0.00
PUB_rd_DC03	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
PUB_rd_DC04	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.97	0.00

PUB_rd_DC05	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC07	1.00	0.00	0.19	0.00	0.81	0.00	0.00	0.00	0.82	0.00
PUB_rd_DC08	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SDC01	1.00	0.19	0.36	0.00	0.45	0.00	0.00	0.00	0.48	0.00
SDC02	1.00	0.10	0.09	0.00	0.81	0.00	0.00	0.00	0.12	0.00
SDC03	1.00	0.00	0.32	0.00	0.68	0.00	0.00	0.00	1.00	0.00
SMC14	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
U012001	1.00	0.00	0.66	0.00	0.34	0.00	0.00	0.00	0.98	0.00
U013002	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.02	0.00
U013003	1.00	0.03	0.00	0.00	0.73	0.24	0.00	0.00	0.01	0.00
U013004	1.00	0.01	0.00	0.00	0.99	0.01	0.00	0.00	0.96	0.00
U013006_2	1.00	0.00	0.00	0.00	0.81	0.19	0.00	0.00	0.97	0.00
U013007	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
U013008	1.00	0.00	0.00	0.00	0.60	0.40	0.00	0.00	0.48	0.00
U013015	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
U013019	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.96	0.00
U013020	1.00	0.04	0.00	0.00	0.48	0.48	0.00	0.00	0.47	0.00
U013021	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.96	0.00
U013022	1.00	0.03	0.00	0.00	0.14	0.82	0.00	0.00	0.00	0.00
U013023	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.96	0.00
U013024	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
U013025	1.00	0.00	0.03	0.00	0.94	0.04	0.00	0.00	0.05	0.00
U013026	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.95	0.00
U013032	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.00
U013033	1.00	0.00	0.00	0.00	0.82	0.18	0.00	0.00	0.76	0.00
U013034	1.00	0.00	0.00	0.00	0.60	0.40	0.00	0.00	0.21	0.00
U013038	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.03	0.00
U013044	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U013045	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
U014001	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.80	0.00
U015002	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
U016001	1.00	0.00	0.01	0.00	0.98	0.00	0.00	0.00	0.95	0.00
U016002	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.94	0.00

Conduit Surcharge Summary

Conduit	Hours Full			Hours	Hours
	Both Ends	Upstream	Dnstream	Above Full Normal Flow	Capacity Limited
PD_IS_HDPE300	8.90	8.90	47.40	0.01	0.01

Analysis begun on: Thu Apr 23 13:54:00 2026
Analysis ended on: Thu Apr 23 13:54:05 2026
Total elapsed time: 00:00:05



Appendix B-6: Pre-development 24h
storm 2y event
(Smaller area of
drainage to be able to
compare to
postdevelopment 24h
storm 100y event)

Element Count

Number of rain gages 8
Number of subcatchments ... 21
Number of nodes 69
Number of links 64
Number of pollutants 0
Number of land uses 0

Raingage Summary

Name	Data Source	Data Type	Recording Interval
100y_103.5mm	100y_103.5mm	INTENSITY	15 min.
10y_72mm	10y_72mm	INTENSITY	15 min.
25y_84mm	25y_84mm	INTENSITY	15 min.
2y_48mm	2y_48mm	INTENSITY	15 min.
50y_93.6mm	50y_93.6mm	INTENSITY	15 min.
5y_62.4mm	5y_62.4mm	INTENSITY	15 min.
Chicago_4h	Chicago_4h	INTENSITY	10 min.
SCS_Type_II_100y_12h_96mm	SCS_Type_II_96mm	INTENSITY	6 min.

Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
S1	1.90	157.97	7.00	10.8000	2y_48mm	26481
SC02	1.52	145.82	7.00	10.8830	2y_48mm	16130
SC03	1.28	119.80	7.00	6.5590	2y_48mm	16017
SC05_1	1.10	179.89	7.00	6.1560	2y_48mm	J258
SC05_2	0.53	48.19	7.00	5.5430	2y_48mm	J258
SC07_1	2.18	137.54	7.00	4.4280	2y_48mm	J270
SC07_2	1.35	173.21	7.00	4.9200	2y_48mm	J270
SC08	1.46	100.97	7.00	4.4500	2y_48mm	J107
SC09_1	0.61	117.24	7.00	4.2070	2y_48mm	J111
SC09_2	1.09	105.53	7.00	5.3300	2y_48mm	J111
SC10_1	2.76	113.78	7.00	7.6470	2y_48mm	T009005
SC10_2	1.57	209.97	7.00	3.6030	2y_48mm	T009005
SC13	1.43	143.91	7.00	5.6990	2y_48mm	J53
SC14A	0.71	67.71	7.00	7.9820	2y_48mm	J86
SC14B	0.68	79.02	7.00	3.5540	2y_48mm	J86
SC14C	0.68	92.84	7.00	6.6690	2y_48mm	SC14B
SC14D	1.27	110.78	7.00	7.4640	2y_48mm	SC14B
SC48	2.54	141.06	7.00	11.0000	2y_48mm	25010
SC70A	1.33	191.47	7.00	4.4170	2y_48mm	J259
SC70E	0.87	76.43	7.00	9.2800	2y_48mm	J137
SC70F	1.29	98.48	7.00	5.3410	2y_48mm	J137

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
16017	JUNCTION	93.42	3.31	0.0	
16094	JUNCTION	92.18	2.32	0.0	
16130	JUNCTION	93.42	1.58	0.0	
25010	JUNCTION	94.40	3.00	0.0	
25025	JUNCTION	94.64	1.40	0.0	
26419	JUNCTION	94.00	3.04	0.0	
26456	JUNCTION	94.23	1.01	0.0	
26481	JUNCTION	94.30	3.00	0.0	
26578	JUNCTION	95.36	1.40	0.0	
J101	JUNCTION	99.06	1.00	0.0	
J107	JUNCTION	98.16	1.00	0.0	
J111	JUNCTION	99.31	1.00	0.0	
J117	JUNCTION	100.45	1.00	0.0	
J137	JUNCTION	100.43	1.00	0.0	
J14	JUNCTION	92.06	1.50	0.0	
J152	JUNCTION	102.59	1.00	0.0	
J160	JUNCTION	103.54	1.00	0.0	

J17	JUNCTION	92.73	1.50	0.0
J2	JUNCTION	96.92	1.00	0.0
J253	JUNCTION	102.19	1.00	0.0
J258	JUNCTION	96.27	2.31	0.0
J259	JUNCTION	99.32	1.00	0.0
J270	JUNCTION	96.96	1.00	0.0
J274	JUNCTION	91.38	1.00	0.0
J276	JUNCTION	96.26	1.00	0.0
J3	JUNCTION	93.50	1.51	0.0
J33	JUNCTION	94.89	1.00	0.0
J35	JUNCTION	94.77	1.00	0.0
J43	JUNCTION	94.81	1.00	0.0
J5	JUNCTION	91.80	1.70	0.0
J53	JUNCTION	97.11	1.00	0.0
J64	JUNCTION	97.50	1.00	0.0
J8	JUNCTION	90.51	1.00	0.0
J80	JUNCTION	98.08	1.00	0.0
J86	JUNCTION	98.10	1.00	0.0
J92	JUNCTION	98.28	1.00	0.0
T009005	JUNCTION	100.28	1.61	0.0
T009007	JUNCTION	100.64	0.00	0.0
T012001	JUNCTION	101.00	1.07	0.0
T013002	JUNCTION	100.64	1.62	0.0
T013003	JUNCTION	100.81	1.83	0.0
T013006	JUNCTION	101.35	1.62	0.0
T013007	JUNCTION	101.66	1.78	0.0
T013012	JUNCTION	103.47	2.28	0.0
T013016	JUNCTION	103.45	2.28	0.0
T013019	JUNCTION	104.45	2.28	0.0
T013020	JUNCTION	104.78	2.80	0.0
T013021	JUNCTION	105.12	2.80	0.0
T013022	JUNCTION	105.45	1.81	0.0
T013023	JUNCTION	105.79	0.97	0.0
T013024	JUNCTION	106.12	1.96	0.0
T013025	JUNCTION	106.29	1.96	0.0
T013031	JUNCTION	107.32	1.76	0.0
T013032	JUNCTION	107.71	1.76	0.0
T013033	JUNCTION	108.26	1.76	0.0
T013037	JUNCTION	108.54	1.76	0.0
T013042	JUNCTION	108.52	1.76	0.0
T013044	JUNCTION	108.53	1.69	0.0
T013045	JUNCTION	108.54	1.69	0.0
T014001	JUNCTION	103.48	2.28	0.0
T015001	JUNCTION	104.54	1.35	0.0
T015003	JUNCTION	106.14	1.35	0.0
T016001	JUNCTION	108.62	1.76	0.0
T016003	JUNCTION	108.77	1.55	0.0
T043003	JUNCTION	101.17	1.83	0.0
OF-A	OUTFALL	91.50	0.70	0.0
OF-B	OUTFALL	93.23	0.70	0.0
OF-C	OUTFALL	94.15	0.70	0.0
OF-EX	OUTFALL	89.62	0.36	0.0

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
C10	J152	J253	CONDUIT	84.4	0.4739	0.0350
C100	J14	J274	CONDUIT	51.1	1.3304	0.0350
C101	J274	J8	CONDUIT	24.2	3.6035	0.0350
C103	J8	OF-EX	CONDUIT	143.4	0.6208	0.0350
C1450_1	T015001	T013012	CONDUIT	198.3	0.5395	0.0350
C20	J53	J258	CONDUIT	107.0	0.7853	0.0350
C25	J137	J259	CONDUIT	137.0	0.8103	0.0350
C45	J160	J253	CONDUIT	132.0	1.0225	0.0350
C50	J86	J270	CONDUIT	71.7	1.5911	0.0350
C57	J253	J117	CONDUIT	158.9	1.0950	0.0350
C70	J117	J259	CONDUIT	111.5	1.0136	0.0350
C75	J259	J101	CONDUIT	45.7	0.5694	0.0350
C81	J101	J92	CONDUIT	79.2	0.9847	0.0350
C86	J92	J80	CONDUIT	38.0	0.5257	0.0350
C87	J80	J64	CONDUIT	60.7	0.9559	0.0350
C89	J64	J276	CONDUIT	56.3	2.2037	0.0350
C91	J276	J33	CONDUIT	154.1	0.8892	0.0350
C93	J33	J35	CONDUIT	44.1	0.2719	0.0350
C95	J35	J43	CONDUIT	103.2	-0.0388	0.0350
C96	J43	J17	CONDUIT	109.8	1.8944	0.0350
C99	J17	J14	CONDUIT	56.1	1.1939	0.0350
PUB_RD_CULVERT-A	J5	OF-A	CONDUIT	24.5	1.2269	0.0160
PUB_RD_CULVERT-B	16130	OF-B	CONDUIT	14.1	1.3571	0.0160
PUB_RD_CULVERT-C	26456	OF-C	CONDUIT	18.5	0.4320	0.0160
PUB_rd_DC01	26578	25025	CONDUIT	78.4	0.9229	0.0350

PUB_rd_DC02	25025	25010	CONDUIT	34.3	0.6902	0.0350
PUB_rd_DC03	25010	26481	CONDUIT	24.2	0.4125	0.0350
PUB_rd_DC04	26481	26456	CONDUIT	24.8	0.2823	0.0350
PUB_rd_DC06	26419	16017	CONDUIT	46.7	1.2295	0.0350
PUB_rd_DC07	16017	16130	CONDUIT	71.4	0.0056	0.0350
PUB_rd_DC09	J3	16130	CONDUIT	80.1	0.0986	0.0350
PUB_rd_DC11	16094	J5	CONDUIT	133.6	0.2965	0.0350
SMC09	T009005	J111	CONDUIT	94.9	1.0221	0.0350
SMC10	J111	J107	CONDUIT	88.8	1.2946	0.0350
SMC11	J107	J270	CONDUIT	157.1	0.7639	0.0350
SMC12	J270	J2	CONDUIT	5.2	0.6955	0.0350
SMC13	J2	J258	CONDUIT	89.2	0.7335	0.0350
SMC14	J258	16130	CONDUIT	233.3	1.2211	0.0350
U012001	T012001	T009005	CONDUIT	92.1	0.7815	0.0350
U013002	T013002	T009005	CONDUIT	69.6	0.5132	0.0350
U013003	T013003	T013002	CONDUIT	22.4	0.7941	0.0350
U013004	T043003	T013003	CONDUIT	43.7	0.8177	0.0350
U013006_2	T013006	T043003	CONDUIT	5.7	3.1238	0.0350
U013007	T013007	T013006	CONDUIT	36.6	0.8478	0.0350
U013008	T013012	T013007	CONDUIT	125.0	1.4481	0.0350
U013015	T013016	T013012	CONDUIT	57.1	-0.0350	0.0350
U013019	T013019	T013016	CONDUIT	28.3	3.5419	0.0350
U013020	T013020	T013019	CONDUIT	23.0	1.4552	0.0350
U013021	T013021	T013020	CONDUIT	23.2	1.4391	0.0350
U013022	T013022	T013021	CONDUIT	53.4	0.6253	0.0350
U013023	T013023	T013022	CONDUIT	42.9	0.7765	0.0350
U013024	T013024	T013023	CONDUIT	28.5	1.1722	0.0350
U013025	T013025	T013024	CONDUIT	94.1	0.1817	0.0350
U013026	T013031	T013025	CONDUIT	95.9	1.0726	0.0350
U013032	T013032	T013031	CONDUIT	140.8	0.2771	0.0350
U013033	T013033	T013032	CONDUIT	117.1	0.4695	0.0350
U013034	T013037	T013033	CONDUIT	154.0	0.1818	0.0350
U013038	T013042	T013037	CONDUIT	63.3	-0.0316	0.0350
U013044	T013044	T013042	CONDUIT	91.4	0.0109	0.0350
U013045	T013045	T013044	CONDUIT	49.4	0.0202	0.0350
U014001	T014001	T013012	CONDUIT	20.8	0.0482	0.0350
U015002	T015003	T015001	CONDUIT	278.1	0.5752	0.0350
U016001	T016001	T013037	CONDUIT	114.9	0.0670	0.0350
U016002	T016003	T016001	CONDUIT	52.3	0.2928	0.0350

Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
C10	TRAPEZOIDAL	0.60	1.92	0.41	4.40	1	2.08
C100	C100	0.71	6.52	0.35	18.54	1	10.64
C101	C101	0.84	7.08	0.37	18.97	1	19.75
C103	C103	0.36	2.17	0.16	13.16	1	1.47
C1450_1	T-C1450_1	0.72	48.96	0.45	109.00	1	60.06
C20	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1	0.75
C25	C25	0.16	0.78	0.08	9.50	1	0.38
C45	TRAPEZOIDAL	0.60	1.92	0.41	4.40	1	3.06
C50	C50	0.32	1.46	0.17	8.24	1	1.65
C57	C57	0.25	1.13	0.15	7.56	1	0.94
C70	C70	0.95	25.32	0.62	40.00	1	52.78
C75	TRAPEZOIDAL	1.00	4.00	0.62	6.00	1	6.26
C81	C81	0.13	0.54	0.07	8.04	1	0.25
C86	TRAPEZOIDAL	1.00	4.00	0.62	6.00	1	6.01
C87	C87	0.60	5.37	0.36	14.68	1	7.64
C89	C89	0.68	5.95	0.38	15.45	1	13.32
C91	C91	0.83	4.29	0.43	9.35	1	6.54
C93	C93	0.74	4.44	0.28	16.58	1	2.84
C95	C95	0.60	3.11	0.23	13.46	1	0.65
C96	C96	1.00	11.25	0.62	17.88	1	32.28
C99	C99	1.02	10.34	0.56	18.28	1	21.92
PUB_RD_CULVERT-A	CIRCULAR	0.70	0.38	0.17	0.70	1	0.83
PUB_RD_CULVERT-B	CIRCULAR	0.70	0.38	0.17	0.70	1	0.88
PUB_RD_CULVERT-C	CIRCULAR	0.70	0.38	0.17	0.70	1	0.49
PUB_rd_DC01	T-C61	1.40	31.09	1.06	28.33	1	88.90
PUB_rd_DC02	T-C68	0.39	4.46	0.17	26.00	1	3.25
PUB_rd_DC03	T-C74	0.96	12.73	0.52	24.00	1	15.18
PUB_rd_DC04	T-C76	0.89	9.68	0.53	18.00	1	9.64
PUB_rd_DC06	T-C84	0.85	66.36	0.61	107.55	1	151.88
PUB_rd_DC07	T-C97	1.29	44.87	0.57	78.00	1	6.61
PUB_rd_DC09	T-C118	1.19	26.94	0.97	27.26	1	23.71
PUB_rd_DC11	T-C8	1.38	56.32	0.90	62.00	1	81.60
SMC09	C72	0.65	6.89	0.49	13.72	1	12.41
SMC10	C80	0.75	4.30	0.30	14.17	1	6.26
SMC11	C85	0.65	3.74	0.23	15.97	1	3.52
SMC12	C113	0.64	6.62	0.34	19.26	1	7.63
SMC13	C113	0.64	6.62	0.34	19.26	1	7.83

SMC14	T-SMC14	0.69	5.14	0.41	12.33	1	8.97
U012001	T-U012001	1.07	27.12	0.40	68.28	1	36.88
U013002	321	1.61	51.75	0.78	66.00	1	89.75
U013003	320	1.62	149.95	0.78	199.32	1	322.26
U013004	319	1.83	119.20	0.94	126.00	1	295.49
U013006_2	320	1.62	149.95	0.78	199.32	1	639.17
U013007	320	1.62	149.95	0.78	199.32	1	332.98
U013008	311	1.78	234.40	1.06	220.01	1	836.66
U013015	304	2.28	281.58	1.39	200.35	1	187.31
U013019	301	2.28	281.58	1.39	200.35	1	1884.15
U013020	300	2.28	281.58	1.39	200.35	1	1207.68
U013021	299	2.80	352.47	1.56	223.17	1	1627.10
U013022	297	1.81	249.24	1.08	228.85	1	592.24
U013023	295	0.97	74.28	0.49	151.00	1	116.20
U013024	295	0.97	74.28	0.49	151.00	1	142.76
U013025	288	1.96	244.18	1.27	191.00	1	348.79
U013026	287	1.76	182.44	1.04	174.00	1	554.91
U013032	287	1.76	182.44	1.04	174.00	1	282.04
U013033	257	1.76	197.17	1.53	129.00	1	512.48
U013034	257	1.76	197.17	1.53	129.00	1	318.92
U013038	257	1.76	197.17	1.53	129.00	1	132.94
U013044	248	1.69	187.98	1.05	177.16	1	58.19
U013045	248	1.69	187.98	1.05	177.16	1	79.15
U014001	304	2.28	281.58	1.39	200.35	1	219.71
U015002	293	1.35	173.02	0.99	173.00	1	372.97
U016001	257	1.76	197.17	1.53	129.00	1	193.61
U016002	261	1.55	116.51	1.32	87.00	1	216.45

Transect Summary

Transect 248
Area:

0.0012	0.0050	0.0106	0.0178	0.0259
0.0340	0.0429	0.0542	0.0667	0.0796
0.0931	0.1071	0.1213	0.1358	0.1505
0.1653	0.1805	0.1959	0.2117	0.2280
0.2450	0.2628	0.2814	0.3011	0.3217
0.3427	0.3643	0.3862	0.4085	0.4313
0.4544	0.4779	0.5019	0.5264	0.5514
0.5777	0.6051	0.6334	0.6623	0.6915
0.7212	0.7514	0.7817	0.8122	0.8430
0.8740	0.9053	0.9367	0.9683	1.0000

Hrad:

0.0147	0.0360	0.0555	0.0720	0.1021
0.1321	0.1589	0.1781	0.1982	0.2216
0.2454	0.2692	0.2933	0.3185	0.3437
0.3688	0.3925	0.4125	0.4361	0.4582
0.4791	0.4996	0.5155	0.5068	0.5203
0.5389	0.5419	0.5629	0.5886	0.6148
0.6408	0.6633	0.6801	0.7022	0.7193
0.7297	0.7480	0.7373	0.7611	0.7846
0.7929	0.8217	0.8502	0.8783	0.9060
0.9332	0.9215	0.9501	0.9783	1.0000

Width:

0.0896	0.1428	0.2058	0.2484	0.2537
0.2600	0.3086	0.3782	0.4019	0.4134
0.4288	0.4432	0.4496	0.4564	0.4630
0.4698	0.4780	0.4903	0.4994	0.5213
0.5446	0.5717	0.5967	0.6361	0.6522
0.6688	0.6790	0.6951	0.7034	0.7191
0.7301	0.7426	0.7603	0.7731	0.8026
0.8412	0.8758	0.8973	0.9097	0.9217
0.9413	0.9473	0.9533	0.9597	0.9668
0.9755	0.9824	0.9859	0.9897	1.0000

Transect 257
Area:

0.0009	0.0043	0.0155	0.0326	0.0513
0.0705	0.0900	0.1096	0.1293	0.1491
0.1689	0.1889	0.2089	0.2290	0.2493
0.2695	0.2899	0.3103	0.3308	0.3515
0.3722	0.3930	0.4139	0.4349	0.4559
0.4771	0.4983	0.5195	0.5408	0.5622
0.5836	0.6050	0.6265	0.6481	0.6696
0.6913	0.7129	0.7346	0.7564	0.7782
0.8000	0.8219	0.8439	0.8659	0.8880
0.9101	0.9323	0.9546	0.9772	1.0000

Hrad:

0.0127	0.0220	0.0268	0.0418	0.0625
0.0832	0.1057	0.1281	0.1504	0.1726
0.1947	0.2166	0.2384	0.2604	0.2824

Width:	0.3042	0.3258	0.3473	0.3687	0.3899
	0.4110	0.4319	0.4528	0.4740	0.4951
	0.5162	0.5378	0.5594	0.5809	0.6024
	0.6239	0.6453	0.6669	0.6884	0.7098
	0.7312	0.7526	0.7739	0.7952	0.8162
	0.8371	0.8578	0.8785	0.8991	0.9196
	0.9389	0.9582	0.9758	0.9856	1.0000
	0.0755	0.2466	0.6479	0.7914	0.8230
	0.8434	0.8478	0.8515	0.8552	0.8589
	0.8629	0.8673	0.8717	0.8749	0.8776
Hrad:	0.8811	0.8847	0.8883	0.8922	0.8961
	0.9002	0.9045	0.9086	0.9119	0.9153
	0.9186	0.9207	0.9228	0.9250	0.9271
	0.9293	0.9313	0.9332	0.9351	0.9369
	0.9388	0.9406	0.9425	0.9443	0.9465
	0.9487	0.9511	0.9534	0.9558	0.9583
	0.9619	0.9656	0.9708	0.9839	1.0000
	0.0008	0.0049	0.0157	0.0315	0.0488
	0.0664	0.0840	0.1018	0.1196	0.1376
	0.1558	0.1743	0.1935	0.2136	0.2338
Area:	0.2541	0.2745	0.2950	0.3157	0.3366
	0.3578	0.3791	0.4005	0.4221	0.4436
	0.4652	0.4869	0.5086	0.5303	0.5521
	0.5739	0.5958	0.6178	0.6398	0.6619
	0.6840	0.7062	0.7284	0.7507	0.7731
	0.7955	0.8179	0.8404	0.8630	0.8857
	0.9084	0.9311	0.9540	0.9769	1.0000
	0.0094	0.0196	0.0284	0.0442	0.0654
	0.0881	0.1110	0.1338	0.1564	0.1789
	0.2007	0.2219	0.2336	0.2478	0.2699
Width:	0.2919	0.3136	0.3352	0.3555	0.3749
	0.3926	0.4141	0.4355	0.4573	0.4795
	0.5017	0.5238	0.5458	0.5678	0.5896
	0.6110	0.6322	0.6534	0.6745	0.6959
	0.7172	0.7385	0.7597	0.7809	0.8018
	0.8225	0.8432	0.8638	0.8843	0.9045
	0.9247	0.9447	0.9641	0.9821	1.0000
	0.1045	0.3072	0.6073	0.7380	0.7556
	0.7620	0.7661	0.7701	0.7741	0.7816
	0.7945	0.8097	0.8553	0.8719	0.8762
Area:	0.8805	0.8852	0.8902	0.8979	0.9077
	0.9213	0.9251	0.9289	0.9319	0.9337
	0.9356	0.9374	0.9392	0.9411	0.9431
	0.9458	0.9486	0.9513	0.9540	0.9562
	0.9584	0.9606	0.9628	0.9650	0.9675
	0.9701	0.9727	0.9752	0.9779	0.9808
	0.9837	0.9866	0.9901	0.9951	1.0000
	0.0007	0.0025	0.0050	0.0094	0.0150
	0.0223	0.0312	0.0412	0.0518	0.0631
	0.0748	0.0868	0.0993	0.1126	0.1265
Hrad:	0.1407	0.1560	0.1732	0.1910	0.2097
	0.2296	0.2501	0.2709	0.2923	0.3143
	0.3369	0.3597	0.3827	0.4060	0.4294
	0.4533	0.4776	0.5023	0.5272	0.5524
	0.5781	0.6048	0.6325	0.6611	0.6903
	0.7198	0.7496	0.7796	0.8100	0.8406
	0.8715	0.9028	0.9344	0.9669	1.0000
	0.0174	0.0403	0.0624	0.0700	0.0863
	0.1043	0.1231	0.1412	0.1615	0.1871
	0.2153	0.2428	0.2691	0.2752	0.3036
Width:	0.3286	0.3363	0.3340	0.3621	0.3777
	0.3923	0.4087	0.4310	0.4572	0.4820
	0.4972	0.5269	0.5566	0.5871	0.6174
	0.6471	0.6655	0.6946	0.7232	0.7508
	0.7776	0.8016	0.7850	0.7803	0.8050
	0.8333	0.8613	0.8893	0.8900	0.9189
	0.9497	0.9802	0.9925	0.9932	1.0000
	0.0388	0.0622	0.1001	0.1472	0.1932
	0.2439	0.2840	0.3062	0.3277	0.3432
	0.3525	0.3629	0.3840	0.4107	0.4181
Area:	0.4292	0.4928	0.5252	0.5392	0.5788
	0.6051	0.6133	0.6294	0.6481	0.6639
	0.6780	0.6829	0.6894	0.6960	0.7026

	0.7203	0.7310	0.7387	0.7463	0.7564
	0.7833	0.8082	0.8416	0.8655	0.8768
	0.8839	0.8911	0.9005	0.9100	0.9179
	0.9267	0.9355	0.9539	0.9783	1.0000
Transect 288					
Area:	0.0010	0.0041	0.0080	0.0120	0.0166
	0.0221	0.0281	0.0356	0.0450	0.0559
	0.0679	0.0809	0.0946	0.1096	0.1256
	0.1424	0.1601	0.1785	0.1973	0.2166
	0.2362	0.2562	0.2767	0.2976	0.3190
	0.3408	0.3630	0.3854	0.4081	0.4313
	0.4551	0.4794	0.5046	0.5303	0.5570
	0.5842	0.6121	0.6408	0.6699	0.6991
	0.7284	0.7581	0.7882	0.8183	0.8485
	0.8787	0.9089	0.9392	0.9695	1.0000
Hrad:	0.0152	0.0357	0.0624	0.0906	0.1150
	0.1343	0.1474	0.1574	0.1727	0.1854
	0.1964	0.2125	0.2323	0.2523	0.2716
	0.2912	0.3094	0.3223	0.3397	0.3603
	0.3816	0.4027	0.4234	0.4433	0.4642
	0.4773	0.5019	0.5261	0.5490	0.5716
	0.5843	0.6050	0.6063	0.6281	0.6415
	0.6642	0.6855	0.7086	0.7021	0.7300
	0.7578	0.7764	0.8003	0.8300	0.8597
	0.8893	0.9189	0.9476	0.9756	1.0000
Width:	0.0712	0.1182	0.1278	0.1435	0.1608
	0.1880	0.2146	0.2825	0.3407	0.3743
	0.4091	0.4352	0.4718	0.5087	0.5359
	0.5661	0.5886	0.6099	0.6231	0.6356
	0.6484	0.6618	0.6765	0.6914	0.7048
	0.7199	0.7286	0.7376	0.7480	0.7684
	0.7854	0.8099	0.8356	0.8533	0.8810
	0.8972	0.9292	0.9437	0.9542	0.9578
	0.9614	0.9781	0.9849	0.9860	0.9870
	0.9881	0.9891	0.9911	0.9938	1.0000
Transect 293					
Area:	0.0002	0.0017	0.0076	0.0180	0.0315
	0.0464	0.0618	0.0777	0.0941	0.1106
	0.1274	0.1444	0.1616	0.1788	0.1961
	0.2134	0.2308	0.2482	0.2657	0.2835
	0.3019	0.3211	0.3410	0.3615	0.3822
	0.4035	0.4256	0.4481	0.4709	0.4941
	0.5176	0.5414	0.5655	0.5897	0.6140
	0.6384	0.6629	0.6876	0.7125	0.7379
	0.7633	0.7888	0.8144	0.8401	0.8661
	0.8925	0.9193	0.9461	0.9730	1.0000
Hrad:	0.0122	0.0174	0.0286	0.0426	0.0596
	0.0841	0.1083	0.1314	0.1552	0.1800
	0.2047	0.2290	0.2554	0.2816	0.3078
	0.3339	0.3599	0.3859	0.4116	0.4365
	0.4603	0.4522	0.4721	0.4782	0.4958
	0.5115	0.5194	0.5446	0.5692	0.5932
	0.5929	0.6124	0.6356	0.6601	0.6832
	0.7072	0.7314	0.7553	0.7635	0.7873
	0.8113	0.8358	0.8602	0.8838	0.9065
	0.9044	0.9287	0.9532	0.9771	1.0000
Width:	0.0201	0.1337	0.2971	0.4551	0.5431
	0.5612	0.5780	0.5961	0.6082	0.6168
	0.6247	0.6328	0.6349	0.6370	0.6391
	0.6411	0.6430	0.6450	0.6525	0.6634
	0.6964	0.7225	0.7489	0.7581	0.7730
	0.8025	0.8218	0.8377	0.8487	0.8649
	0.8755	0.8866	0.8920	0.8954	0.9007
	0.9046	0.9081	0.9118	0.9347	0.9386
	0.9420	0.9449	0.9477	0.9514	0.9687
	0.9875	0.9903	0.9928	0.9960	1.0000
Transect 295					
Area:	0.0003	0.0010	0.0019	0.0030	0.0042
	0.0056	0.0069	0.0084	0.0100	0.0117
	0.0135	0.0155	0.0190	0.0252	0.0351
	0.0484	0.0646	0.0820	0.1003	0.1191
	0.1385	0.1583	0.1787	0.1995	0.2207
	0.2424	0.2646	0.2869	0.3101	0.3335
	0.3572	0.3810	0.4053	0.4311	0.4591

Hrad:	0.4887	0.5195	0.5513	0.5851	0.6198
	0.6554	0.6919	0.7293	0.7673	0.8055
	0.8439	0.8826	0.9215	0.9606	1.0000
	0.0211	0.0474	0.0750	0.1022	0.1327
	0.1618	0.1896	0.2165	0.2421	0.2666
	0.2906	0.3103	0.3012	0.2603	0.2014
	0.1965	0.2057	0.2230	0.2483	0.2749
	0.3032	0.3311	0.3443	0.3772	0.4068
	0.4361	0.4694	0.5028	0.5239	0.5590
	0.5943	0.6263	0.6511	0.6805	0.6970
Width:	0.7239	0.7510	0.7757	0.7070	0.7411
	0.7726	0.8025	0.7645	0.7946	0.8302
	0.8655	0.8985	0.9321	0.9655	1.0000
	0.0138	0.0211	0.0257	0.0296	0.0319
	0.0343	0.0366	0.0389	0.0413	0.0438
	0.0463	0.0592	0.1186	0.1969	0.3025
	0.3850	0.4315	0.4577	0.4699	0.4830
	0.4954	0.5102	0.5230	0.5313	0.5434
	0.5560	0.5635	0.5706	0.5917	0.5966
	0.6009	0.6083	0.6272	0.6747	0.7351
Transect 297 Area:	0.7626	0.7934	0.8281	0.8739	0.8887
	0.9079	0.9393	0.9541	0.9657	0.9703
	0.9751	0.9822	0.9885	0.9949	1.0000
	0.0003	0.0012	0.0025	0.0040	0.0056
	0.0084	0.0120	0.0159	0.0200	0.0249
	0.0313	0.0386	0.0469	0.0565	0.0668
	0.0778	0.0900	0.1032	0.1195	0.1387
	0.1595	0.1808	0.2027	0.2253	0.2481
	0.2714	0.2950	0.3189	0.3435	0.3692
	0.3961	0.4243	0.4536	0.4832	0.5135
Hrad:	0.5445	0.5759	0.6077	0.6400	0.6723
	0.7046	0.7371	0.7697	0.8025	0.8353
	0.8682	0.9010	0.9340	0.9670	1.0000
	0.0210	0.0338	0.0615	0.0872	0.1125
	0.0821	0.1107	0.1387	0.1656	0.1848
	0.1868	0.2053	0.2169	0.2088	0.2319
	0.2502	0.2638	0.2868	0.3016	0.3125
	0.3199	0.3376	0.3557	0.3394	0.3683
	0.3942	0.4227	0.4496	0.4683	0.4932
	0.5153	0.5361	0.5195	0.5481	0.5728
Width:	0.5993	0.6271	0.6498	0.6594	0.6909
	0.7226	0.7542	0.7812	0.8128	0.8449
	0.8770	0.9091	0.9407	0.9721	1.0000
	0.0130	0.0367	0.0414	0.0458	0.0582
	0.1068	0.1141	0.1201	0.1271	0.1706
	0.2122	0.2290	0.2743	0.3010	0.3178
	0.3550	0.3772	0.4301	0.5442	0.6067
	0.6343	0.6511	0.6704	0.6844	0.6929
	0.7066	0.7157	0.7272	0.7583	0.7983
	0.8248	0.8727	0.8866	0.9028	0.9286
Transect 299 Area:	0.9365	0.9548	0.9672	0.9722	0.9745
	0.9765	0.9784	0.9865	0.9883	0.9894
	0.9905	0.9916	0.9931	0.9948	1.0000
	0.0012	0.0034	0.0066	0.0105	0.0152
	0.0213	0.0281	0.0355	0.0439	0.0533
	0.0647	0.0768	0.0897	0.1033	0.1182
	0.1342	0.1506	0.1678	0.1853	0.2031
	0.2211	0.2392	0.2578	0.2769	0.2961
	0.3155	0.3352	0.3552	0.3764	0.3984
	0.4209	0.4439	0.4675	0.4916	0.5163
Hrad:	0.5415	0.5678	0.5961	0.6271	0.6596
	0.6925	0.7257	0.7592	0.7930	0.8271
	0.8615	0.8959	0.9304	0.9650	1.0000
	0.0242	0.0503	0.0648	0.0936	0.1047
	0.1163	0.1443	0.1697	0.1867	0.1934
	0.1940	0.2191	0.2371	0.2672	0.2672
	0.2946	0.3210	0.3428	0.3737	0.4051
	0.4362	0.4670	0.4970	0.5137	0.5459
	0.5756	0.6023	0.6299	0.6304	0.6575
	0.6840	0.7094	0.7310	0.7536	0.7783
	0.8023	0.8189	0.8270	0.7493	0.7678
	0.7962	0.8250	0.8540	0.8295	0.8543
	0.8870	0.9207	0.9545	0.9882	1.0000

Width:					
	0.0555	0.0731	0.1023	0.1203	0.1465
	0.1846	0.2006	0.2183	0.2488	0.2908
	0.3354	0.3527	0.3805	0.3890	0.4448
	0.4581	0.4719	0.4924	0.4989	0.5043
	0.5097	0.5160	0.5317	0.5420	0.5455
	0.5512	0.5597	0.5715	0.6152	0.6280
	0.6421	0.6562	0.6732	0.6900	0.7031
	0.7240	0.7646	0.8355	0.9069	0.9248
	0.9340	0.9416	0.9482	0.9573	0.9693
	0.9721	0.9737	0.9752	0.9787	1.0000

Transect 300

Area:					
	0.0002	0.0016	0.0049	0.0095	0.0159
	0.0235	0.0316	0.0402	0.0492	0.0594
	0.0709	0.0849	0.0998	0.1151	0.1306
	0.1464	0.1626	0.1791	0.1963	0.2145
	0.2332	0.2525	0.2725	0.2931	0.3149
	0.3386	0.3632	0.3885	0.4140	0.4399
	0.4661	0.4924	0.5190	0.5456	0.5723
	0.5991	0.6260	0.6532	0.6806	0.7081
	0.7357	0.7633	0.7912	0.8195	0.8480
	0.8769	0.9065	0.9369	0.9680	1.0000

Hrad:					
	0.0147	0.0234	0.0418	0.0632	0.0735
	0.0960	0.1250	0.1494	0.1752	0.1952
	0.2107	0.2035	0.2149	0.2444	0.2731
	0.2992	0.3241	0.3521	0.3706	0.3960
	0.4204	0.4450	0.4580	0.4832	0.5058
	0.5265	0.5471	0.5680	0.5894	0.6109
	0.5773	0.6054	0.6342	0.6644	0.6951
	0.7257	0.7526	0.7752	0.8046	0.8346
	0.8649	0.8951	0.9235	0.9519	0.9803
	0.9872	0.9783	0.9914	1.0160	1.0000

Width:					
	0.0188	0.0841	0.1258	0.1720	0.2175
	0.2469	0.2552	0.2710	0.2902	0.3340
	0.4055	0.4463	0.4680	0.4746	0.4818
	0.4931	0.5056	0.5161	0.5487	0.5680
	0.5868	0.6042	0.6281	0.6434	0.7090
	0.7494	0.7699	0.7843	0.7929	0.8031
	0.8103	0.8161	0.8208	0.8235	0.8255
	0.8274	0.8335	0.8442	0.8472	0.8496
	0.8516	0.8542	0.8671	0.8754	0.8829
	0.9011	0.9267	0.9470	0.9711	1.0000

Transect 301

Area:					
	0.0002	0.0016	0.0049	0.0095	0.0159
	0.0235	0.0316	0.0402	0.0492	0.0594
	0.0709	0.0849	0.0998	0.1151	0.1306
	0.1464	0.1626	0.1791	0.1963	0.2145
	0.2332	0.2525	0.2725	0.2931	0.3149
	0.3386	0.3632	0.3885	0.4140	0.4399
	0.4661	0.4924	0.5190	0.5456	0.5723
	0.5991	0.6260	0.6532	0.6806	0.7081
	0.7357	0.7633	0.7912	0.8195	0.8480
	0.8769	0.9065	0.9369	0.9680	1.0000

Hrad:					
	0.0147	0.0234	0.0418	0.0632	0.0735
	0.0960	0.1250	0.1494	0.1752	0.1952
	0.2107	0.2035	0.2149	0.2444	0.2731
	0.2992	0.3241	0.3521	0.3706	0.3960
	0.4204	0.4450	0.4580	0.4832	0.5058
	0.5265	0.5471	0.5680	0.5894	0.6109
	0.5773	0.6054	0.6342	0.6644	0.6951
	0.7257	0.7526	0.7752	0.8046	0.8346
	0.8649	0.8951	0.9235	0.9519	0.9803
	0.9872	0.9783	0.9914	1.0160	1.0000

Width:					
	0.0188	0.0841	0.1258	0.1720	0.2175
	0.2469	0.2552	0.2710	0.2902	0.3340
	0.4055	0.4463	0.4680	0.4746	0.4818
	0.4931	0.5056	0.5161	0.5487	0.5680
	0.5868	0.6042	0.6281	0.6434	0.7090
	0.7494	0.7699	0.7843	0.7929	0.8031
	0.8103	0.8161	0.8208	0.8235	0.8255
	0.8274	0.8335	0.8442	0.8472	0.8496
	0.8516	0.8542	0.8671	0.8754	0.8829
	0.9011	0.9267	0.9470	0.9711	1.0000

Transect 304

Area:

Hrad:	0.0002	0.0016	0.0049	0.0095	0.0159
	0.0235	0.0316	0.0402	0.0492	0.0594
	0.0709	0.0849	0.0998	0.1151	0.1306
	0.1464	0.1626	0.1791	0.1963	0.2145
	0.2332	0.2525	0.2725	0.2931	0.3149
	0.3386	0.3632	0.3885	0.4140	0.4399
	0.4661	0.4924	0.5190	0.5456	0.5723
	0.5991	0.6260	0.6532	0.6806	0.7081
	0.7357	0.7633	0.7912	0.8195	0.8480
	0.8769	0.9065	0.9369	0.9680	1.0000
Width:	0.0147	0.0234	0.0418	0.0632	0.0735
	0.0960	0.1250	0.1494	0.1752	0.1952
	0.2107	0.2035	0.2149	0.2444	0.2731
	0.2992	0.3241	0.3521	0.3706	0.3960
	0.4204	0.4450	0.4580	0.4832	0.5058
	0.5265	0.5471	0.5680	0.5894	0.6109
	0.5773	0.6054	0.6342	0.6644	0.6951
	0.7257	0.7526	0.7752	0.8046	0.8346
	0.8649	0.8951	0.9235	0.9519	0.9803
	0.9872	0.9783	0.9914	1.0160	1.0000
Transect 311 Area:	0.0188	0.0841	0.1258	0.1720	0.2175
	0.2469	0.2552	0.2710	0.2902	0.3340
	0.4055	0.4463	0.4680	0.4746	0.4818
	0.4931	0.5056	0.5161	0.5487	0.5680
	0.5868	0.6042	0.6281	0.6434	0.7090
	0.7494	0.7699	0.7843	0.7929	0.8031
	0.8103	0.8161	0.8208	0.8235	0.8255
	0.8274	0.8335	0.8442	0.8472	0.8496
	0.8516	0.8542	0.8671	0.8754	0.8829
	0.9011	0.9267	0.9470	0.9711	1.0000
Hrad:	0.0002	0.0013	0.0029	0.0049	0.0072
	0.0100	0.0131	0.0167	0.0209	0.0261
	0.0327	0.0401	0.0483	0.0577	0.0681
	0.0797	0.0920	0.1048	0.1185	0.1340
	0.1515	0.1710	0.1921	0.2151	0.2395
	0.2644	0.2898	0.3163	0.3438	0.3721
	0.4009	0.4303	0.4603	0.4905	0.5209
	0.5515	0.5825	0.6136	0.6449	0.6763
	0.7079	0.7396	0.7716	0.8036	0.8359
	0.8683	0.9009	0.9338	0.9668	1.0000
Width:	0.0134	0.0290	0.0533	0.0776	0.0918
	0.1125	0.1349	0.1442	0.1657	0.1587
	0.1521	0.1791	0.2024	0.2036	0.2252
	0.2475	0.2700	0.2807	0.3006	0.3202
	0.3352	0.3479	0.3618	0.3295	0.3253
	0.3553	0.3835	0.4081	0.4328	0.4586
	0.4601	0.4883	0.5113	0.5412	0.5716
	0.5975	0.6273	0.6581	0.6883	0.7178
	0.7467	0.7756	0.8058	0.8349	0.8635
	0.8927	0.9192	0.9462	0.9755	1.0000
Transect 319 Area:	0.0185	0.0446	0.0548	0.0631	0.0784
	0.0891	0.0975	0.1163	0.1360	0.1732
	0.2156	0.2243	0.2644	0.2941	0.3339
	0.3574	0.3747	0.3932	0.4417	0.4959
	0.5548	0.6122	0.6577	0.7166	0.7384
	0.7542	0.7712	0.8118	0.8365	0.8536
	0.8737	0.8904	0.9025	0.9085	0.9134
	0.9250	0.9305	0.9342	0.9385	0.9436
	0.9493	0.9548	0.9585	0.9634	0.9688
	0.9732	0.9806	0.9871	0.9912	1.0000
Hrad:	0.0012	0.0045	0.0089	0.0142	0.0200
	0.0265	0.0345	0.0436	0.0539	0.0650
	0.0765	0.0885	0.1010	0.1141	0.1278
	0.1418	0.1564	0.1714	0.1868	0.2027
	0.2191	0.2361	0.2535	0.2714	0.2897
	0.3085	0.3278	0.3476	0.3679	0.3893
	0.4124	0.4361	0.4608	0.4862	0.5123
	0.5391	0.5667	0.5951	0.6242	0.6542
	0.6858	0.7185	0.7518	0.7856	0.8198
	0.8544	0.8893	0.9252	0.9621	1.0000
	0.0186	0.0448	0.0711	0.0997	0.1271
	0.1351	0.1555	0.1745	0.1941	0.2229
	0.2529	0.2817	0.3046	0.3313	0.3582

Width:	0.3854	0.4116	0.4370	0.4624	0.4868
	0.5113	0.5335	0.5573	0.5806	0.6063
	0.6301	0.6509	0.6737	0.6944	0.6639
	0.6837	0.7004	0.7141	0.7330	0.7507
	0.7718	0.7853	0.8030	0.8234	0.8206
	0.8284	0.8441	0.8703	0.8957	0.9245
	0.9538	0.9838	0.9803	0.9995	1.0000
	0.0645	0.1000	0.1258	0.1424	0.1574
	0.1966	0.2225	0.2508	0.2783	0.2922
	0.3032	0.3148	0.3323	0.3453	0.3574
Hrad:	0.3688	0.3807	0.3930	0.4048	0.4173
	0.4295	0.4434	0.4557	0.4684	0.4789
	0.4906	0.5046	0.5170	0.5308	0.5875
	0.6044	0.6239	0.6465	0.6646	0.6838
	0.6999	0.7231	0.7427	0.7597	0.7989
	0.8297	0.8530	0.8656	0.8785	0.8880
	0.8967	0.9046	0.9443	0.9628	1.0000
	0.0007	0.0025	0.0053	0.0086	0.0123
	0.0165	0.0214	0.0268	0.0328	0.0395
	0.0467	0.0546	0.0632	0.0723	0.0817
Width:	0.0913	0.1012	0.1113	0.1218	0.1340
	0.1473	0.1613	0.1766	0.1942	0.2129
	0.2326	0.2531	0.2743	0.2968	0.3206
	0.3456	0.3720	0.3991	0.4277	0.4577
	0.4883	0.5195	0.5514	0.5840	0.6174
	0.6515	0.6870	0.7241	0.7620	0.8004
	0.8393	0.8785	0.9181	0.9582	1.0000
	0.0209	0.0430	0.0724	0.1010	0.1301
	0.1533	0.1719	0.1956	0.2171	0.2366
	0.2598	0.2732	0.2956	0.3258	0.3583
Hrad:	0.3906	0.4217	0.4504	0.4718	0.4310
	0.4482	0.4672	0.4771	0.4546	0.4786
	0.5004	0.5267	0.5544	0.5576	0.5757
	0.5951	0.5776	0.6080	0.6038	0.6298
	0.6586	0.6875	0.7119	0.7396	0.7612
	0.7890	0.7786	0.8059	0.8305	0.8627
	0.8969	0.9295	0.9622	0.9926	1.0000
	0.0304	0.0568	0.0705	0.0821	0.0916
	0.1042	0.1202	0.1325	0.1461	0.1613
	0.1738	0.1930	0.2066	0.2144	0.2203
Width:	0.2258	0.2318	0.2388	0.2495	0.3003
	0.3174	0.3336	0.3890	0.4223	0.4439
	0.4657	0.4834	0.5012	0.5405	0.5675
	0.5938	0.6222	0.6351	0.6843	0.7020
	0.7163	0.7300	0.7482	0.7628	0.7836
	0.7977	0.8524	0.8681	0.8863	0.8963
	0.9040	0.9131	0.9218	0.9433	1.0000
	0.0004	0.0017	0.0038	0.0067	0.0103
	0.0146	0.0196	0.0252	0.0314	0.0383
	0.0459	0.0541	0.0630	0.0725	0.0827
Hrad:	0.0936	0.1051	0.1173	0.1303	0.1443
	0.1593	0.1750	0.1916	0.2090	0.2272
	0.2463	0.2666	0.2876	0.3097	0.3325
	0.3563	0.3810	0.4065	0.4328	0.4599
	0.4885	0.5185	0.5498	0.5825	0.6163
	0.6509	0.6864	0.7226	0.7599	0.7986
	0.8382	0.8781	0.9184	0.9590	1.0000
	0.0206	0.0412	0.0617	0.0835	0.1074
	0.1304	0.1527	0.1747	0.1964	0.2179
	0.2392	0.2604	0.2816	0.3026	0.3236
Width:	0.3445	0.3654	0.3832	0.3958	0.4101
	0.4278	0.4459	0.4642	0.4828	0.5016
	0.5121	0.5314	0.5496	0.5675	0.5866
	0.6052	0.6247	0.6470	0.6683	0.6837
	0.6858	0.6959	0.7090	0.7180	0.7412
	0.7661	0.7872	0.8126	0.8219	0.8362
	0.8682	0.9012	0.9350	0.9678	1.0000
	0.0204	0.0408	0.0611	0.0803	0.0962
	0.1121	0.1280	0.1440	0.1599	0.1758
	0.1918	0.2077	0.2236	0.2396	0.2555
Width:	0.2714	0.2873	0.3058	0.3291	0.3518
	0.3721	0.3922	0.4125	0.4326	0.4527
	0.4808	0.5015	0.5232	0.5455	0.5668

	0.5887	0.6097	0.6282	0.6474	0.6725
	0.7122	0.7450	0.7754	0.8112	0.8315
	0.8496	0.8719	0.8892	0.9244	0.9551
	0.9655	0.9744	0.9823	0.9909	1.0000
Transect 324					
Area:	0.0017	0.0045	0.0077	0.0116	0.0160
	0.0210	0.0268	0.0333	0.0405	0.0490
	0.0582	0.0680	0.0787	0.0900	0.1022
	0.1149	0.1282	0.1420	0.1575	0.1746
	0.1922	0.2104	0.2294	0.2492	0.2709
	0.2950	0.3203	0.3461	0.3720	0.3980
	0.4242	0.4506	0.4772	0.5040	0.5310
	0.5583	0.5857	0.6135	0.6416	0.6700
	0.6988	0.7279	0.7573	0.7887	0.8215
	0.8547	0.8897	0.9257	0.9625	1.0000
Hrad:	0.0242	0.0534	0.0786	0.1001	0.1222
	0.1377	0.1562	0.1755	0.1809	0.1959
	0.2205	0.2366	0.2552	0.2736	0.2939
	0.3163	0.3378	0.3554	0.3433	0.3583
	0.3851	0.4009	0.4256	0.4289	0.4216
	0.4306	0.4451	0.4784	0.5115	0.5442
	0.5760	0.6071	0.6375	0.6678	0.6979
	0.7270	0.7559	0.7817	0.8087	0.8341
	0.8589	0.8852	0.9137	0.8955	0.8868
	0.9148	0.9373	0.9558	0.9814	1.0000
Width:	0.0662	0.0790	0.0924	0.1087	0.1227
	0.1433	0.1611	0.1779	0.2103	0.2346
	0.2476	0.2696	0.2891	0.3087	0.3262
	0.3407	0.3559	0.3749	0.4304	0.4570
	0.4681	0.4923	0.5056	0.5450	0.6176
	0.6428	0.6749	0.6782	0.6817	0.6852
	0.6897	0.6949	0.7005	0.7061	0.7116
	0.7179	0.7243	0.7333	0.7411	0.7501
	0.7595	0.7674	0.7837	0.8544	0.8644
	0.8882	0.9329	0.9587	0.9738	1.0000
Transect C100					
Area:	0.0007	0.0026	0.0059	0.0106	0.0160
	0.0221	0.0289	0.0363	0.0445	0.0535
	0.0633	0.0739	0.0849	0.0963	0.1084
	0.1218	0.1376	0.1555	0.1742	0.1936
	0.2135	0.2339	0.2548	0.2761	0.2979
	0.3201	0.3428	0.3659	0.3895	0.4134
	0.4378	0.4625	0.4877	0.5133	0.5393
	0.5657	0.5926	0.6201	0.6480	0.6765
	0.7055	0.7350	0.7650	0.7956	0.8267
	0.8583	0.8909	0.9248	0.9606	1.0000
Hrad:	0.0204	0.0408	0.0612	0.0838	0.1127
	0.1399	0.1657	0.1907	0.2114	0.2314
	0.2515	0.2783	0.3090	0.3360	0.3527
	0.3681	0.3790	0.3454	0.3711	0.4013
	0.4315	0.4614	0.4916	0.5213	0.5507
	0.5797	0.6087	0.6383	0.6675	0.6965
	0.7251	0.7534	0.7815	0.8094	0.8367
	0.8626	0.8863	0.9100	0.9335	0.9570
	0.9803	1.0035	1.0262	1.0485	1.0708
	1.0916	1.0909	1.0916	1.0530	1.0000
Width:	0.0325	0.0650	0.0975	0.1263	0.1424
	0.1586	0.1748	0.1909	0.2108	0.2315
	0.2522	0.2659	0.2751	0.2868	0.3075
	0.3589	0.4202	0.4509	0.4702	0.4832
	0.4956	0.5076	0.5189	0.5302	0.5415
	0.5528	0.5636	0.5737	0.5838	0.5939
	0.6039	0.6140	0.6241	0.6342	0.6445
	0.6557	0.6685	0.6812	0.6940	0.7067
	0.7194	0.7322	0.7452	0.7585	0.7717
	0.7860	0.8165	0.8509	0.9279	1.0000
Transect C101					
Area:	0.0010	0.0042	0.0091	0.0150	0.0217
	0.0292	0.0372	0.0457	0.0547	0.0642
	0.0743	0.0848	0.0958	0.1072	0.1192
	0.1315	0.1444	0.1577	0.1714	0.1856
	0.2001	0.2149	0.2301	0.2457	0.2617
	0.2780	0.2947	0.3118	0.3292	0.3470
	0.3652	0.3838	0.4027	0.4227	0.4461

Hrad:	0.4746	0.5042	0.5339	0.5639	0.5947
	0.6273	0.6618	0.6985	0.7394	0.7812
	0.8237	0.8669	0.9106	0.9550	1.0000
	0.0228	0.0456	0.0760	0.1086	0.1390
	0.1705	0.2041	0.2364	0.2677	0.2980
	0.3276	0.3565	0.3860	0.4150	0.4435
	0.4716	0.4992	0.5265	0.5534	0.5845
	0.6164	0.6454	0.6742	0.7026	0.7307
	0.7586	0.7862	0.8136	0.8408	0.8677
	0.8945	0.9211	0.9461	0.9483	0.9238
Width:	0.7291	0.7686	0.8077	0.8467	0.8841
	0.9183	0.9499	0.9613	0.8062	0.8385
	0.8706	0.9033	0.9358	0.9680	1.0000
	0.0462	0.0923	0.1208	0.1387	0.1567
	0.1716	0.1826	0.1936	0.2047	0.2157
	0.2267	0.2378	0.2479	0.2581	0.2682
	0.2784	0.2886	0.2987	0.3089	0.3165
	0.3234	0.3316	0.3399	0.3481	0.3563
	0.3646	0.3728	0.3810	0.3893	0.3975
	0.4057	0.4140	0.4228	0.4703	0.5891
Transect C103	0.6494	0.6544	0.6593	0.6643	0.7003
	0.7403	0.7830	0.8510	0.9167	0.9313
	0.9459	0.9595	0.9730	0.9865	1.0000
	0.0019	0.0076	0.0153	0.0236	0.0324
	0.0418	0.0518	0.0623	0.0733	0.0847
	0.0966	0.1088	0.1214	0.1344	0.1478
	0.1616	0.1758	0.1904	0.2054	0.2208
	0.2366	0.2527	0.2693	0.2863	0.3038
	0.3216	0.3399	0.3587	0.3778	0.3974
	0.4175	0.4379	0.4588	0.4802	0.5019
Hrad:	0.5241	0.5467	0.5698	0.5937	0.6190
	0.6458	0.6754	0.7106	0.7501	0.7902
	0.8307	0.8720	0.9140	0.9566	1.0000
	0.0219	0.0450	0.0841	0.1210	0.1561
	0.1896	0.2219	0.2530	0.2854	0.3187
	0.3512	0.3830	0.4142	0.4448	0.4749
	0.5046	0.5338	0.5626	0.5910	0.6191
	0.6469	0.6744	0.7006	0.7261	0.7514
	0.7766	0.8016	0.8264	0.8511	0.8757
	0.9001	0.9245	0.9487	0.9729	0.9969
Width:	1.0209	1.0447	1.0654	1.0536	1.0382
	1.0266	0.9715	0.8843	0.8231	0.8577
	0.8879	0.9162	0.9444	0.9723	1.0000
	0.0873	0.1701	0.1828	0.1955	0.2082
	0.2209	0.2336	0.2463	0.2570	0.2660
	0.2750	0.2841	0.2931	0.3021	0.3112
	0.3202	0.3292	0.3382	0.3473	0.3563
	0.3653	0.3744	0.3839	0.3938	0.4037
	0.4136	0.4235	0.4334	0.4433	0.4532
	0.4631	0.4729	0.4828	0.4927	0.5026
Transect C109	0.5125	0.5224	0.5339	0.5626	0.5954
	0.6285	0.7360	0.8739	0.9112	0.9211
	0.9355	0.9516	0.9677	0.9839	1.0000
	0.0006	0.0025	0.0057	0.0102	0.0159
	0.0225	0.0298	0.0377	0.0463	0.0555
	0.0653	0.0757	0.0866	0.0982	0.1103
	0.1231	0.1364	0.1504	0.1650	0.1804
	0.1965	0.2133	0.2308	0.2490	0.2679
	0.2876	0.3080	0.3292	0.3511	0.3738
	0.3972	0.4215	0.4469	0.4735	0.5012
Hrad:	0.5299	0.5591	0.5887	0.6187	0.6494
	0.6809	0.7133	0.7466	0.7806	0.8153
	0.8508	0.8870	0.9239	0.9616	1.0000
	0.0183	0.0367	0.0550	0.0733	0.0939
	0.1190	0.1429	0.1666	0.1909	0.2144
	0.2373	0.2597	0.2817	0.3032	0.3245
	0.3455	0.3663	0.3857	0.4026	0.4196
	0.4367	0.4546	0.4728	0.4909	0.5091
	0.5256	0.5423	0.5591	0.5760	0.5930
	0.6101	0.6220	0.6294	0.6378	0.6471
	0.6700	0.6965	0.7229	0.7489	0.7743
	0.7986	0.8173	0.8404	0.8643	0.8878
	0.9109	0.9337	0.9561	0.9782	1.0000

Width:					
	0.0329	0.0658	0.0986	0.1315	0.1601
	0.1785	0.1968	0.2140	0.2293	0.2446
	0.2598	0.2751	0.2904	0.3057	0.3210
	0.3363	0.3516	0.3680	0.3869	0.4057
	0.4246	0.4428	0.4608	0.4788	0.4968
	0.5164	0.5360	0.5556	0.5752	0.5948
	0.6144	0.6396	0.6701	0.7006	0.7311
	0.7465	0.7576	0.7686	0.7826	0.8021
	0.8220	0.8471	0.8673	0.8863	0.9052
	0.9242	0.9431	0.9621	0.9810	1.0000

Transect C113

Area:					
	0.0010	0.0035	0.0067	0.0107	0.0154
	0.0208	0.0270	0.0339	0.0415	0.0500
	0.0592	0.0690	0.0793	0.0902	0.1016
	0.1136	0.1261	0.1392	0.1528	0.1670
	0.1818	0.1971	0.2140	0.2342	0.2555
	0.2776	0.3006	0.3244	0.3489	0.3737
	0.3987	0.4240	0.4498	0.4761	0.5030
	0.5307	0.5593	0.5902	0.6216	0.6534
	0.6857	0.7184	0.7516	0.7854	0.8198
	0.8548	0.8904	0.9264	0.9630	1.0000

Hrad:					
	0.0189	0.0455	0.0703	0.0931	0.1147
	0.1361	0.1560	0.1751	0.1941	0.2131
	0.2342	0.2585	0.2818	0.3048	0.3273
	0.3495	0.3713	0.3925	0.4135	0.4343
	0.4550	0.4694	0.4639	0.4241	0.4433
	0.4635	0.4840	0.5044	0.5326	0.5652
	0.5975	0.6224	0.6468	0.6709	0.6926
	0.7057	0.7034	0.7077	0.7348	0.7617
	0.7884	0.8138	0.8358	0.8576	0.8793
	0.9025	0.9255	0.9484	0.9729	1.0000

Width:					
	0.0524	0.0777	0.0972	0.1167	0.1363
	0.1553	0.1753	0.1962	0.2171	0.2380
	0.2565	0.2708	0.2854	0.3001	0.3148
	0.3295	0.3443	0.3594	0.3746	0.3897
	0.4049	0.4256	0.5056	0.5599	0.5843
	0.6073	0.6297	0.6521	0.6638	0.6693
	0.6747	0.6882	0.7020	0.7158	0.7320
	0.7575	0.8007	0.8395	0.8509	0.8623
	0.8737	0.8862	0.9024	0.9186	0.9347
	0.9491	0.9635	0.9779	0.9903	1.0000

Transect C114

Area:					
	0.0028	0.0095	0.0168	0.0246	0.0327
	0.0413	0.0503	0.0598	0.0697	0.0800
	0.0908	0.1020	0.1136	0.1257	0.1382
	0.1515	0.1655	0.1802	0.1956	0.2117
	0.2285	0.2465	0.2659	0.2864	0.3077
	0.3295	0.3518	0.3747	0.3980	0.4219
	0.4463	0.4712	0.4966	0.5224	0.5484
	0.5748	0.6016	0.6288	0.6563	0.6842
	0.7125	0.7411	0.7701	0.8000	0.8308
	0.8627	0.8955	0.9293	0.9641	1.0000

Hrad:					
	0.0187	0.0502	0.0835	0.1151	0.1454
	0.1745	0.2025	0.2298	0.2562	0.2820
	0.3073	0.3320	0.3562	0.3801	0.3973
	0.4129	0.4288	0.4448	0.4610	0.4775
	0.4892	0.4907	0.4944	0.5067	0.5310
	0.5550	0.5788	0.6024	0.6257	0.6488
	0.6718	0.6945	0.7209	0.7480	0.7734
	0.7986	0.8235	0.8482	0.8727	0.8970
	0.9211	0.9449	0.9631	0.9670	0.9718
	0.9775	0.9847	0.9926	1.0010	1.0000

Width:					
	0.1519	0.1934	0.2052	0.2171	0.2289
	0.2407	0.2526	0.2644	0.2762	0.2881
	0.2999	0.3118	0.3236	0.3354	0.3529
	0.3722	0.3915	0.4109	0.4303	0.4497
	0.4740	0.5099	0.5457	0.5738	0.5881
	0.6024	0.6167	0.6310	0.6454	0.6597
	0.6740	0.6883	0.6982	0.7068	0.7169
	0.7269	0.7370	0.7470	0.7570	0.7671
	0.7771	0.7872	0.8019	0.8293	0.8566
	0.8838	0.9103	0.9368	0.9633	1.0000

Transect C116

Area:

Hrad:	0.0004	0.0017	0.0038	0.0068	0.0106
	0.0149	0.0198	0.0254	0.0315	0.0382
	0.0455	0.0532	0.0614	0.0698	0.0786
	0.0876	0.0970	0.1066	0.1165	0.1267
	0.1372	0.1480	0.1591	0.1705	0.1841
	0.1992	0.2151	0.2317	0.2491	0.2673
	0.2883	0.3124	0.3384	0.3665	0.3964
	0.4283	0.4617	0.4958	0.5307	0.5663
	0.6042	0.6444	0.6858	0.7279	0.7708
	0.8146	0.8593	0.9048	0.9514	1.0000
Width:	0.0248	0.0495	0.0743	0.0991	0.1297
	0.1595	0.1881	0.2160	0.2433	0.2701
	0.2966	0.3310	0.3650	0.4011	0.4365
	0.4711	0.5052	0.5386	0.5715	0.6040
	0.6360	0.6676	0.6988	0.7297	0.7500
	0.7665	0.7840	0.8020	0.8149	0.8228
	0.8252	0.8245	0.8203	0.8165	0.8151
	0.8160	0.6861	0.7192	0.7519	0.7843
	0.7543	0.7812	0.8100	0.8455	0.8790
	0.9122	0.9452	0.9779	0.9917	1.0000
Transect C16 Area:	0.0172	0.0345	0.0517	0.0690	0.0815
	0.0935	0.1054	0.1173	0.1292	0.1412
	0.1531	0.1606	0.1679	0.1738	0.1796
	0.1855	0.1914	0.1973	0.2032	0.2091
	0.2150	0.2209	0.2267	0.2326	0.2394
	0.3137	0.3280	0.3423	0.3586	0.3769
	0.4660	0.5055	0.5464	0.5853	0.6242
	0.6631	0.6811	0.6963	0.7115	0.7267
	0.8000	0.8228	0.8436	0.8582	0.8753
	0.8925	0.9097	0.9268	0.9605	1.0000
Hrad:	0.0011	0.0048	0.0125	0.0220	0.0320
	0.0425	0.0534	0.0649	0.0769	0.0894
	0.1028	0.1169	0.1318	0.1475	0.1640
	0.1815	0.2000	0.2192	0.2391	0.2596
	0.2807	0.3024	0.3248	0.3477	0.3708
	0.3941	0.4175	0.4412	0.4650	0.4890
	0.5132	0.5375	0.5619	0.5865	0.6113
	0.6362	0.6612	0.6864	0.7117	0.7372
	0.7628	0.7885	0.8144	0.8405	0.8667
	0.8930	0.9195	0.9461	0.9728	1.0000
Width:	0.0139	0.0261	0.0378	0.0631	0.0872
	0.1105	0.1329	0.1546	0.1757	0.1924
	0.2086	0.2246	0.2404	0.2551	0.2682
	0.2816	0.2950	0.3120	0.3301	0.3479
	0.3654	0.3828	0.4000	0.4208	0.4450
	0.4691	0.4930	0.5167	0.5403	0.5636
	0.5874	0.6113	0.6350	0.6586	0.6821
	0.7054	0.7286	0.7516	0.7746	0.7974
	0.8201	0.8426	0.8651	0.8874	0.9096
	0.9317	0.9537	0.9756	0.9973	1.0000
Transect C25 Area:	0.0802	0.2058	0.3363	0.3541	0.3719
	0.3898	0.4076	0.4254	0.4433	0.4711
	0.4992	0.5274	0.5555	0.5857	0.6198
	0.6534	0.6868	0.7120	0.7342	0.7563
	0.7785	0.8006	0.8228	0.8370	0.8435
	0.8499	0.8564	0.8629	0.8694	0.8759
	0.8815	0.8867	0.8919	0.8971	0.9024
	0.9076	0.9128	0.9180	0.9233	0.9285
	0.9337	0.9389	0.9442	0.9494	0.9546
	0.9598	0.9651	0.9703	0.9756	1.0000
Hrad:	0.0069	0.0156	0.0246	0.0340	0.0439
	0.0541	0.0648	0.0759	0.0874	0.0993
	0.1116	0.1243	0.1374	0.1510	0.1649
	0.1793	0.1941	0.2093	0.2249	0.2409
	0.2573	0.2742	0.2915	0.3093	0.3278
	0.3468	0.3664	0.3866	0.4074	0.4288
	0.4508	0.4733	0.4965	0.5203	0.5447
	0.5698	0.5955	0.6220	0.6491	0.6770
	0.7055	0.7347	0.7646	0.7952	0.8265
	0.8584	0.8915	0.9261	0.9623	1.0000
	0.0316	0.0675	0.1019	0.1350	0.1670
	0.1979	0.2280	0.2573	0.2858	0.3137
	0.3410	0.3678	0.3942	0.4201	0.4456

Width:	0.4707	0.4955	0.5199	0.5438	0.5675
	0.5910	0.6142	0.6359	0.6527	0.6696
	0.6867	0.7039	0.7212	0.7386	0.7561
	0.7737	0.7914	0.8091	0.8269	0.8422
	0.8571	0.8723	0.8876	0.9032	0.9189
	0.9348	0.9508	0.9670	0.9833	0.9997
	1.0139	1.0082	1.0004	0.9949	1.0000
	0.2198	0.2306	0.2413	0.2521	0.2628
	0.2735	0.2843	0.2950	0.3057	0.3165
	0.3272	0.3379	0.3487	0.3594	0.3702
Hrad:	0.3809	0.3916	0.4025	0.4135	0.4244
	0.4354	0.4464	0.4583	0.4738	0.4893
	0.5049	0.5204	0.5359	0.5514	0.5669
	0.5825	0.5980	0.6135	0.6290	0.6466
	0.6646	0.6826	0.7006	0.7186	0.7366
	0.7546	0.7726	0.7906	0.8086	0.8266
	0.8465	0.8842	0.9257	0.9672	1.0000
	0.0014	0.0049	0.0097	0.0158	0.0227
	0.0302	0.0381	0.0468	0.0582	0.0717
	0.0868	0.1026	0.1188	0.1354	0.1525
Area:	0.1701	0.1881	0.2066	0.2255	0.2449
	0.2648	0.2851	0.3058	0.3269	0.3484
	0.3704	0.3927	0.4155	0.4386	0.4621
	0.4860	0.5102	0.5348	0.5598	0.5851
	0.6108	0.6368	0.6631	0.6898	0.7167
	0.7440	0.7716	0.7995	0.8277	0.8562
	0.8848	0.9134	0.9422	0.9710	1.0000
	0.0147	0.0345	0.0517	0.0685	0.0918
	0.1144	0.1360	0.1552	0.1673	0.1780
	0.1624	0.1864	0.2100	0.2330	0.2554
Hrad:	0.2773	0.2989	0.3201	0.3410	0.3616
	0.3827	0.4037	0.4244	0.4448	0.4650
	0.4851	0.5049	0.5253	0.5458	0.5661
	0.5863	0.6063	0.6261	0.6457	0.6653
	0.6850	0.7056	0.7261	0.7464	0.7665
	0.7866	0.8065	0.8263	0.8460	0.8710
	0.8969	0.9228	0.9486	0.9744	1.0000
	0.0973	0.1425	0.1877	0.2305	0.2479
	0.2639	0.2799	0.3451	0.4309	0.4991
	0.5350	0.5505	0.5659	0.5813	0.5973
Width:	0.6134	0.6294	0.6455	0.6615	0.6776
	0.6921	0.7064	0.7208	0.7351	0.7494
	0.7637	0.7780	0.7911	0.8038	0.8164
	0.8290	0.8417	0.8543	0.8669	0.8796
	0.8917	0.9026	0.9134	0.9243	0.9351
	0.9460	0.9568	0.9677	0.9785	0.9831
	0.9865	0.9898	0.9932	0.9966	1.0000
	0.0020	0.0078	0.0169	0.0267	0.0369
	0.0476	0.0587	0.0703	0.0824	0.0950
	0.1080	0.1215	0.1354	0.1498	0.1647
Area:	0.1800	0.1958	0.2120	0.2288	0.2460
	0.2636	0.2818	0.3005	0.3196	0.3393
	0.3595	0.3802	0.4013	0.4230	0.4452
	0.4678	0.4910	0.5147	0.5388	0.5635
	0.5887	0.6144	0.6408	0.6678	0.6952
	0.7230	0.7513	0.7799	0.8090	0.8385
	0.8684	0.8988	0.9308	0.9647	1.0000
	0.0181	0.0362	0.0642	0.0966	0.1277
	0.1576	0.1866	0.2147	0.2420	0.2687
	0.2947	0.3202	0.3452	0.3698	0.3940
Hrad:	0.4177	0.4412	0.4643	0.4870	0.5092
	0.5311	0.5523	0.5733	0.5941	0.6148
	0.6354	0.6558	0.6762	0.6964	0.7165
	0.7365	0.7565	0.7764	0.7961	0.8159
	0.8355	0.8507	0.8652	0.8845	0.9062
	0.9278	0.9492	0.9705	0.9917	1.0127
	1.0336	1.0387	1.0111	0.9916	1.0000
	0.1094	0.2187	0.2663	0.2792	0.2922
	0.3052	0.3181	0.3311	0.3441	0.3571
	0.3700	0.3830	0.3960	0.4089	0.4219
Width:	0.4349	0.4478	0.4608	0.4739	0.4873
	0.5008	0.5147	0.5287	0.5426	0.5566
	0.5706	0.5846	0.5985	0.6125	0.6265

	0.6404	0.6544	0.6684	0.6823	0.6963
	0.7103	0.7280	0.7466	0.7606	0.7722
	0.7837	0.7952	0.8067	0.8182	0.8298
	0.8413	0.8659	0.9211	0.9733	1.0000
Transect C57					
Area:	0.0025	0.0100	0.0195	0.0296	0.0402
	0.0514	0.0631	0.0753	0.0881	0.1014
	0.1153	0.1297	0.1446	0.1601	0.1761
	0.1927	0.2098	0.2274	0.2455	0.2641
	0.2831	0.3023	0.3218	0.3416	0.3617
	0.3821	0.4027	0.4237	0.4449	0.4665
	0.4883	0.5105	0.5332	0.5562	0.5797
	0.6036	0.6279	0.6526	0.6778	0.7033
	0.7293	0.7559	0.7835	0.8121	0.8417
	0.8722	0.9033	0.9350	0.9672	1.0000
Hrad:	0.0169	0.0365	0.0673	0.0967	0.1247
	0.1518	0.1778	0.2031	0.2277	0.2516
	0.2751	0.2980	0.3205	0.3426	0.3643
	0.3861	0.4078	0.4293	0.4506	0.4738
	0.4995	0.5249	0.5499	0.5747	0.5992
	0.6234	0.6474	0.6711	0.6946	0.7179
	0.7395	0.7582	0.7768	0.7953	0.8138
	0.8321	0.8504	0.8685	0.8867	0.9047
	0.9227	0.9240	0.9240	0.9252	0.9273
	0.9359	0.9519	0.9679	0.9840	1.0000
Width:	0.1525	0.2798	0.2962	0.3127	0.3291
	0.3455	0.3619	0.3783	0.3947	0.4111
	0.4275	0.4439	0.4603	0.4767	0.4932
	0.5091	0.5246	0.5402	0.5557	0.5682
	0.5769	0.5857	0.5944	0.6032	0.6119
	0.6207	0.6294	0.6382	0.6469	0.6556
	0.6658	0.6784	0.6910	0.7036	0.7162
	0.7288	0.7415	0.7541	0.7667	0.7793
	0.7919	0.8195	0.8493	0.8792	0.9090
	0.9331	0.9498	0.9665	0.9833	1.0000
Transect C70					
Area:	0.0002	0.0007	0.0015	0.0027	0.0051
	0.0099	0.0173	0.0278	0.0433	0.0599
	0.0768	0.0939	0.1114	0.1291	0.1472
	0.1657	0.1846	0.2038	0.2233	0.2431
	0.2632	0.2836	0.3044	0.3256	0.3471
	0.3690	0.3911	0.4135	0.4363	0.4593
	0.4826	0.5063	0.5303	0.5546	0.5793
	0.6045	0.6303	0.6571	0.6846	0.7124
	0.7404	0.7685	0.7968	0.8253	0.8540
	0.8828	0.9118	0.9409	0.9702	1.0000
Hrad:	0.0153	0.0305	0.0458	0.0610	0.0635
	0.0641	0.0718	0.0807	0.0801	0.1091
	0.1376	0.1656	0.1927	0.2194	0.2442
	0.2682	0.2940	0.3194	0.3446	0.3697
	0.3945	0.4163	0.4378	0.4607	0.4833
	0.5066	0.5298	0.5526	0.5750	0.5972
	0.6188	0.6401	0.6609	0.6812	0.6990
	0.7134	0.7278	0.7253	0.7441	0.7684
	0.7932	0.8177	0.8422	0.8671	0.8920
	0.9168	0.9414	0.9660	0.9835	1.0000
Width:	0.0114	0.0229	0.0343	0.0457	0.1145
	0.2010	0.2939	0.4215	0.5507	0.5591
	0.5676	0.5763	0.5866	0.5969	0.6111
	0.6262	0.6360	0.6459	0.6555	0.6647
	0.6740	0.6879	0.7018	0.7131	0.7243
	0.7341	0.7438	0.7536	0.7637	0.7738
	0.7845	0.7952	0.8064	0.8180	0.8324
	0.8510	0.8695	0.9098	0.9238	0.9304
	0.9364	0.9424	0.9484	0.9538	0.9589
	0.9641	0.9692	0.9744	0.9867	1.0000
Transect C72					
Area:	0.0006	0.0025	0.0056	0.0106	0.0184
	0.0282	0.0398	0.0523	0.0656	0.0799
	0.0948	0.1103	0.1265	0.1436	0.1621
	0.1818	0.2025	0.2239	0.2457	0.2680
	0.2908	0.3138	0.3370	0.3603	0.3836
	0.4071	0.4307	0.4543	0.4781	0.5019
	0.5259	0.5500	0.5741	0.5984	0.6227

Hrad:	0.6472	0.6718	0.6964	0.7212	0.7460
	0.7710	0.7960	0.8212	0.8464	0.8718
	0.8972	0.9228	0.9484	0.9742	1.0000
	0.0131	0.0263	0.0394	0.0409	0.0546
	0.0689	0.0866	0.1061	0.1247	0.1440
	0.1636	0.1826	0.2012	0.2108	0.2221
	0.2358	0.2521	0.2723	0.2922	0.3118
	0.3312	0.3557	0.3802	0.4045	0.4287
	0.4528	0.4768	0.5007	0.5244	0.5481
	0.5716	0.5950	0.6184	0.6416	0.6647
Width:	0.6877	0.7106	0.7334	0.7562	0.7788
	0.8013	0.8238	0.8461	0.8683	0.8905
	0.9126	0.9346	0.9565	0.9783	1.0000
	0.0481	0.0963	0.1444	0.2622	0.3419
	0.4157	0.4657	0.4998	0.5340	0.5625
	0.5875	0.6125	0.6375	0.6907	0.7402
	0.7817	0.8144	0.8330	0.8517	0.8704
	0.8890	0.8928	0.8967	0.9005	0.9043
	0.9081	0.9120	0.9158	0.9196	0.9234
	0.9273	0.9311	0.9349	0.9388	0.9426
Transect C80	0.9464	0.9502	0.9541	0.9579	0.9617
	0.9656	0.9694	0.9732	0.9770	0.9809
	0.9847	0.9885	0.9923	0.9962	1.0000
	0.0012	0.0046	0.0105	0.0182	0.0264
	0.0351	0.0441	0.0536	0.0635	0.0739
	0.0846	0.0958	0.1074	0.1193	0.1318
	0.1446	0.1578	0.1713	0.1853	0.1997
	0.2144	0.2296	0.2451	0.2610	0.2774
	0.2943	0.3115	0.3293	0.3474	0.3660
	0.3851	0.4045	0.4246	0.4452	0.4663
Hrad:	0.4881	0.5103	0.5333	0.5573	0.5824
	0.6085	0.6378	0.6779	0.7213	0.7656
	0.8106	0.8565	0.9033	0.9512	1.0000
	0.0248	0.0497	0.0745	0.1123	0.1550
	0.1959	0.2352	0.2732	0.3100	0.3459
	0.3808	0.4149	0.4483	0.4810	0.5134
	0.5462	0.5785	0.6103	0.6416	0.6726
	0.7032	0.7334	0.7623	0.7897	0.8168
	0.8438	0.8707	0.8974	0.9241	0.9506
	0.9770	1.0011	1.0214	1.0420	1.0628
Width:	1.0837	1.1049	1.1126	1.1112	1.1120
	1.1148	0.8397	0.7821	0.8106	0.8453
	0.8796	0.9116	0.9413	0.9707	1.0000
	0.0471	0.0942	0.1413	0.1628	0.1712
	0.1797	0.1881	0.1966	0.2050	0.2135
	0.2220	0.2304	0.2389	0.2473	0.2556
	0.2635	0.2713	0.2792	0.2870	0.2949
	0.3027	0.3106	0.3189	0.3278	0.3367
	0.3457	0.3546	0.3635	0.3724	0.3814
	0.3903	0.4001	0.4116	0.4231	0.4345
Transect C81	0.4460	0.4575	0.4749	0.4972	0.5195
	0.5418	0.7575	0.8656	0.8889	0.9049
	0.9209	0.9390	0.9593	0.9797	1.0000
	0.0005	0.0021	0.0047	0.0084	0.0132
	0.0190	0.0258	0.0337	0.0427	0.0527
	0.0637	0.0759	0.0890	0.1031	0.1180
	0.1336	0.1499	0.1671	0.1851	0.2038
	0.2233	0.2435	0.2646	0.2864	0.3090
	0.3323	0.3561	0.3801	0.4044	0.4290
	0.4538	0.4789	0.5043	0.5300	0.5560
Hrad:	0.5822	0.6087	0.6354	0.6625	0.6898
	0.7174	0.7453	0.7735	0.8022	0.8316
	0.8621	0.8942	0.9278	0.9631	1.0000
	0.0190	0.0380	0.0570	0.0760	0.0950
	0.1139	0.1329	0.1519	0.1709	0.1899
	0.2089	0.2279	0.2469	0.2711	0.2943
	0.3171	0.3395	0.3616	0.3835	0.4051
	0.4265	0.4477	0.4688	0.4897	0.5105
	0.5346	0.5659	0.5969	0.6276	0.6580
	0.6882	0.7181	0.7477	0.7770	0.8061
	0.8350	0.8637	0.8921	0.9203	0.9483
	0.9761	1.0037	1.0245	1.0396	1.0549
	1.0696	1.0829	1.0950	1.1063	1.0000

Width:					
	0.0280	0.0559	0.0839	0.1118	0.1398
	0.1677	0.1957	0.2236	0.2516	0.2795
	0.3075	0.3355	0.3634	0.3832	0.4039
	0.4245	0.4451	0.4657	0.4863	0.5069
	0.5275	0.5481	0.5687	0.5893	0.6099
	0.6264	0.6337	0.6409	0.6482	0.6555
	0.6628	0.6701	0.6774	0.6847	0.6920
	0.6993	0.7066	0.7138	0.7211	0.7284
	0.7357	0.7430	0.7553	0.7718	0.7883
	0.8295	0.8721	0.9148	0.9574	1.0000

Transect C85

Area:					
	0.0026	0.0095	0.0171	0.0249	0.0332
	0.0417	0.0505	0.0597	0.0692	0.0790
	0.0892	0.0996	0.1104	0.1215	0.1329
	0.1447	0.1568	0.1692	0.1819	0.1949
	0.2083	0.2221	0.2362	0.2507	0.2655
	0.2807	0.2962	0.3122	0.3287	0.3457
	0.3631	0.3809	0.3993	0.4181	0.4374
	0.4574	0.4784	0.5006	0.5237	0.5484
	0.5764	0.6084	0.6480	0.6914	0.7376
	0.7866	0.8375	0.8904	0.9448	1.0000

Hrad:					
	0.0280	0.0717	0.1233	0.1728	0.2206
	0.2668	0.3115	0.3551	0.3974	0.4388
	0.4792	0.5188	0.5576	0.5958	0.6333
	0.6702	0.7066	0.7425	0.7779	0.8111
	0.8439	0.8764	0.9086	0.9406	0.9724
	1.0039	1.0315	1.0560	1.0807	1.1055
	1.1305	1.1556	1.1809	1.2062	1.2316
	1.2253	1.2197	1.2172	1.2174	1.1584
	1.0671	1.0067	0.8601	0.8570	0.8597
	0.8749	0.8963	0.9182	0.9586	1.0000

Width:					
	0.0937	0.1334	0.1391	0.1449	0.1507
	0.1565	0.1623	0.1681	0.1739	0.1797
	0.1855	0.1913	0.1971	0.2029	0.2087
	0.2144	0.2202	0.2260	0.2318	0.2382
	0.2446	0.2510	0.2574	0.2638	0.2702
	0.2766	0.2840	0.2925	0.3009	0.3093
	0.3177	0.3261	0.3345	0.3430	0.3514
	0.3696	0.3887	0.4077	0.4268	0.4703
	0.5376	0.6453	0.7529	0.8068	0.8584
	0.8998	0.9354	0.9711	0.9864	1.0000

Transect C87

Area:					
	0.0010	0.0041	0.0092	0.0158	0.0235
	0.0324	0.0423	0.0531	0.0650	0.0778
	0.0915	0.1060	0.1212	0.1372	0.1540
	0.1712	0.1889	0.2070	0.2254	0.2444
	0.2637	0.2834	0.3036	0.3241	0.3451
	0.3664	0.3882	0.4102	0.4327	0.4555
	0.4787	0.5022	0.5261	0.5504	0.5750
	0.6001	0.6256	0.6514	0.6777	0.7044
	0.7316	0.7593	0.7874	0.8160	0.8452
	0.8749	0.9052	0.9361	0.9677	1.0000

Hrad:					
	0.0163	0.0327	0.0511	0.0723	0.0921
	0.1125	0.1330	0.1527	0.1720	0.1915
	0.2126	0.2331	0.2532	0.2730	0.2956
	0.3207	0.3454	0.3697	0.3936	0.4173
	0.4408	0.4642	0.4874	0.5103	0.5329
	0.5554	0.5786	0.6017	0.6245	0.6472
	0.6696	0.6919	0.7132	0.7342	0.7551
	0.7758	0.7964	0.8165	0.8348	0.8530
	0.8711	0.8892	0.9065	0.9218	0.9372
	0.9527	0.9672	0.9779	0.9888	1.0000

Width:					
	0.0631	0.1263	0.1811	0.2180	0.2550
	0.2880	0.3181	0.3481	0.3782	0.4066
	0.4307	0.4547	0.4788	0.5028	0.5210
	0.5341	0.5470	0.5599	0.5728	0.5857
	0.5983	0.6106	0.6230	0.6353	0.6476
	0.6599	0.6709	0.6819	0.6928	0.7038
	0.7148	0.7258	0.7376	0.7496	0.7615
	0.7735	0.7854	0.7977	0.8117	0.8257
	0.8398	0.8538	0.8685	0.8851	0.9017
	0.9183	0.9358	0.9572	0.9786	1.0000

Transect C89

Area:

Hrad:	0.0005	0.0018	0.0041	0.0073	0.0114
	0.0171	0.0254	0.0350	0.0458	0.0576
	0.0703	0.0839	0.0984	0.1138	0.1303
	0.1477	0.1657	0.1841	0.2031	0.2225
	0.2422	0.2623	0.2828	0.3037	0.3249
	0.3465	0.3685	0.3909	0.4136	0.4368
	0.4603	0.4842	0.5086	0.5335	0.5588
	0.5846	0.6108	0.6375	0.6646	0.6922
	0.7202	0.7487	0.7777	0.8074	0.8376
	0.8685	0.9001	0.9324	0.9655	1.0000
	0.0176	0.0352	0.0528	0.0703	0.0882
	0.0784	0.1002	0.1209	0.1424	0.1656
	0.1881	0.2099	0.2312	0.2515	0.2703
Width:	0.2933	0.3201	0.3464	0.3723	0.3999
	0.4274	0.4545	0.4813	0.5077	0.5339
	0.5594	0.5845	0.6094	0.6340	0.6584
	0.6826	0.7048	0.7265	0.7480	0.7693
	0.7906	0.8122	0.8337	0.8552	0.8765
	0.8977	0.9154	0.9317	0.9481	0.9645
	0.9781	0.9914	1.0049	1.0056	1.0000
	0.0259	0.0517	0.0776	0.1034	0.1288
	0.2185	0.2541	0.2897	0.3217	0.3477
	0.3737	0.3997	0.4257	0.4528	0.4821
	0.5037	0.5176	0.5316	0.5455	0.5563
	0.5667	0.5772	0.5876	0.5981	0.6085
	0.6194	0.6303	0.6413	0.6523	0.6632
	0.6742	0.6869	0.7000	0.7131	0.7262
Transect C91 Area:	0.7393	0.7519	0.7645	0.7770	0.7895
	0.8021	0.8177	0.8345	0.8514	0.8683
	0.8878	0.9078	0.9277	0.9601	1.0000
	0.0066	0.0151	0.0241	0.0337	0.0438
	0.0545	0.0658	0.0776	0.0899	0.1028
	0.1163	0.1303	0.1448	0.1599	0.1756
	0.1918	0.2084	0.2254	0.2426	0.2603
	0.2782	0.2965	0.3151	0.3340	0.3532
	0.3729	0.3930	0.4135	0.4345	0.4559
	0.4778	0.5001	0.5229	0.5461	0.5699
	0.5942	0.6190	0.6443	0.6702	0.6967
	0.7237	0.7513	0.7795	0.8084	0.8380
	0.8682	0.8990	0.9311	0.9647	1.0000
Hrad:	0.0311	0.0668	0.1004	0.1324	0.1629
	0.1923	0.2207	0.2482	0.2750	0.3010
	0.3266	0.3516	0.3761	0.3997	0.4228
	0.4476	0.4750	0.5018	0.5281	0.5540
	0.5795	0.6046	0.6293	0.6536	0.6776
	0.6978	0.7176	0.7372	0.7568	0.7762
	0.7955	0.8147	0.8338	0.8520	0.8679
	0.8838	0.8998	0.9159	0.9320	0.9482
	0.9642	0.9768	0.9896	1.0027	1.0160
	1.0295	1.0399	1.0279	1.0185	1.0000
	0.2260	0.2411	0.2562	0.2713	0.2864
	0.3015	0.3166	0.3318	0.3469	0.3620
	0.3771	0.3922	0.4073	0.4230	0.4390
Width:	0.4521	0.4612	0.4703	0.4794	0.4885
	0.4976	0.5067	0.5158	0.5249	0.5340
	0.5461	0.5584	0.5707	0.5830	0.5953
	0.6076	0.6199	0.6322	0.6451	0.6600
	0.6748	0.6897	0.7045	0.7194	0.7343
	0.7493	0.7673	0.7853	0.8033	0.8213
	0.8394	0.8602	0.9027	0.9452	1.0000
	0.0014	0.0055	0.0109	0.0174	0.0246
	0.0322	0.0402	0.0486	0.0574	0.0666
	0.0763	0.0863	0.0968	0.1076	0.1189
	0.1306	0.1427	0.1552	0.1682	0.1816
	0.1955	0.2098	0.2245	0.2397	0.2555
	0.2717	0.2883	0.3055	0.3234	0.3422
	0.3619	0.3826	0.4043	0.4283	0.4544
Transect C93 Area:	0.4819	0.5110	0.5424	0.5766	0.6116
	0.6471	0.6830	0.7195	0.7565	0.7941
	0.8321	0.8708	0.9107	0.9519	1.0000
	0.0261	0.0570	0.0955	0.1305	0.1729
	0.2141	0.2537	0.2919	0.3289	0.3648
	0.3999	0.4342	0.4678	0.5007	0.5331
	0.0261	0.0570	0.0955	0.1305	0.1729
	0.2141	0.2537	0.2919	0.3289	0.3648
	0.3999	0.4342	0.4678	0.5007	0.5331
	0.0261	0.0570	0.0955	0.1305	0.1729
	0.2141	0.2537	0.2919	0.3289	0.3648
	0.3999	0.4342	0.4678	0.5007	0.5331
	0.0261	0.0570	0.0955	0.1305	0.1729
	0.2141	0.2537	0.2919	0.3289	0.3648
	0.3999	0.4342	0.4678	0.5007	0.5331

Width:	0.5651	0.5965	0.6258	0.6549	0.6838
	0.7124	0.7409	0.7691	0.7961	0.8217
	0.8473	0.8729	0.8985	0.9069	0.9123
	0.9196	0.9286	0.9157	0.8737	0.8736
	0.8781	0.8738	0.8563	0.8515	0.8971
	0.9355	0.9736	1.0113	1.0487	1.0857
	1.1225	1.1449	1.1607	1.1658	1.0000
	0.0504	0.0908	0.1084	0.1259	0.1341
	0.1415	0.1490	0.1564	0.1638	0.1713
	0.1787	0.1862	0.1936	0.2010	0.2085
Hrad:	0.2159	0.2234	0.2315	0.2396	0.2477
	0.2558	0.2640	0.2721	0.2806	0.2897
	0.2987	0.3077	0.3168	0.3323	0.3497
	0.3670	0.3844	0.4123	0.4583	0.4865
	0.5136	0.5476	0.5936	0.6349	0.6392
	0.6485	0.6579	0.6672	0.6766	0.6860
	0.6953	0.7136	0.7364	0.7666	1.0000
	0.0262	0.0524	0.0785	0.1047	0.1309
	0.1680	0.2109	0.2522	0.2921	0.3308
	0.3684	0.4086	0.4494	0.4893	0.5286
Width:	0.5672	0.6051	0.6425	0.6793	0.7156
	0.7515	0.7868	0.8218	0.8564	0.8906
	0.9244	0.9580	0.9912	1.0241	1.0568
	1.0828	1.1010	1.1197	1.1319	1.1431
	1.1554	1.1686	1.1826	1.1973	1.1899
	1.1149	1.0695	1.0405	1.0343	1.0216
	0.9852	0.9639	0.9601	0.9798	1.0000
	0.0341	0.0682	0.1023	0.1364	0.1704
	0.1898	0.1993	0.2088	0.2183	0.2279
	0.2374	0.2447	0.2510	0.2573	0.2637
Hrad:	0.2700	0.2764	0.2827	0.2890	0.2954
	0.3017	0.3080	0.3144	0.3207	0.3271
	0.3334	0.3397	0.3461	0.3524	0.3588
	0.3673	0.3788	0.3902	0.4042	0.4189
	0.4337	0.4484	0.4631	0.4778	0.5022
	0.5615	0.6144	0.6639	0.7025	0.7485
	0.8181	0.8827	0.9361	0.9681	1.0000
	0.0005	0.0020	0.0045	0.0080	0.0126
	0.0179	0.0236	0.0296	0.0360	0.0426
	0.0496	0.0569	0.0645	0.0724	0.0807
Width:	0.0940	0.1107	0.1319	0.1535	0.1755
	0.1979	0.2206	0.2438	0.2673	0.2914
	0.3159	0.3408	0.3661	0.3916	0.4175
	0.4438	0.4703	0.4972	0.5244	0.5519
	0.5798	0.6080	0.6365	0.6652	0.6943
	0.7237	0.7533	0.7832	0.8134	0.8439
	0.8746	0.9056	0.9368	0.9683	1.0000
	0.0160	0.0319	0.0479	0.0639	0.0798
	0.1030	0.1284	0.1527	0.1762	0.1989
	0.2210	0.2425	0.2636	0.2842	0.3038
Hrad:	0.3043	0.2334	0.1960	0.2243	0.2522
	0.2798	0.3069	0.3325	0.3576	0.3824
	0.4069	0.4332	0.4592	0.4850	0.5105
	0.5357	0.5609	0.5858	0.6105	0.6350
	0.6594	0.6836	0.7084	0.7330	0.7574
	0.7816	0.8057	0.8296	0.8544	0.8790
	0.9035	0.9278	0.9520	0.9761	1.0000
	0.0315	0.0631	0.0946	0.1262	0.1577
	0.1742	0.1841	0.1940	0.2039	0.2138
	0.2237	0.2336	0.2435	0.2534	0.3065
Width:	0.4567	0.6405	0.6734	0.6848	0.6962
	0.7077	0.7191	0.7333	0.7479	0.7625
	0.7768	0.7872	0.7976	0.8079	0.8183

	0.8287	0.8389	0.8491	0.8593	0.8695
	0.8797	0.8897	0.8988	0.9079	0.9171
	0.9262	0.9353	0.9444	0.9523	0.9603
	0.9682	0.9762	0.9841	0.9921	1.0000
Transect C99					
Area:	0.0003	0.0013	0.0030	0.0053	0.0082
	0.0117	0.0157	0.0202	0.0253	0.0308
	0.0370	0.0439	0.0516	0.0601	0.0690
	0.0783	0.0881	0.0983	0.1089	0.1199
	0.1360	0.1539	0.1732	0.1942	0.2187
	0.2444	0.2705	0.2970	0.3239	0.3512
	0.3790	0.4073	0.4361	0.4655	0.4955
	0.5262	0.5576	0.5897	0.6221	0.6549
	0.6880	0.7214	0.7551	0.7891	0.8235
	0.8581	0.8931	0.9284	0.9641	1.0000
Hrad:	0.0180	0.0360	0.0540	0.0720	0.0922
	0.1126	0.1324	0.1518	0.1709	0.1902
	0.2042	0.2156	0.2284	0.2485	0.2719
	0.2948	0.3173	0.3394	0.3611	0.3825
	0.3866	0.3920	0.3998	0.3804	0.3081
	0.3404	0.3723	0.4019	0.4309	0.4597
	0.4881	0.5148	0.5404	0.5657	0.5903
	0.6123	0.6342	0.6594	0.6890	0.7183
	0.7474	0.7763	0.8050	0.8335	0.8617
	0.8897	0.9176	0.9452	0.9727	1.0000
Width:	0.0183	0.0366	0.0548	0.0731	0.0889
	0.1035	0.1181	0.1327	0.1473	0.1615
	0.1804	0.2028	0.2252	0.2409	0.2526
	0.2644	0.2762	0.2880	0.2998	0.3325
	0.4767	0.5157	0.5519	0.6187	0.7095
	0.7178	0.7262	0.7386	0.7511	0.7637
	0.7762	0.7909	0.8068	0.8228	0.8395
	0.8594	0.8794	0.8944	0.9031	0.9119
	0.9206	0.9293	0.9380	0.9468	0.9557
	0.9645	0.9734	0.9823	0.9911	1.0000
Transect T-C108					
Area:	0.0013	0.0048	0.0106	0.0188	0.0302
	0.0442	0.0606	0.0787	0.0970	0.1156
	0.1344	0.1534	0.1729	0.1928	0.2128
	0.2329	0.2531	0.2733	0.2936	0.3139
	0.3344	0.3548	0.3754	0.3960	0.4168
	0.4377	0.4587	0.4798	0.5011	0.5225
	0.5441	0.5659	0.5882	0.6112	0.6345
	0.6579	0.6815	0.7052	0.7290	0.7529
	0.7768	0.8009	0.8251	0.8495	0.8740
	0.8986	0.9235	0.9486	0.9741	1.0000
Hrad:	0.0162	0.0312	0.0423	0.0573	0.0637
	0.0812	0.0920	0.1177	0.1431	0.1682
	0.1930	0.2177	0.2382	0.2618	0.2876
	0.3133	0.3387	0.3641	0.3892	0.4142
	0.4391	0.4638	0.4881	0.5113	0.5343
	0.5572	0.5799	0.6024	0.6246	0.6446
	0.6644	0.6841	0.6805	0.6995	0.7183
	0.7382	0.7604	0.7826	0.8046	0.8265
	0.8483	0.8700	0.8913	0.9104	0.9295
	0.9484	0.9673	0.9784	0.9873	1.0000
Width:	0.0867	0.1737	0.2631	0.3522	0.5094
	0.5810	0.6884	0.6979	0.7074	0.7169
	0.7264	0.7349	0.7567	0.7670	0.7695
	0.7720	0.7744	0.7769	0.7793	0.7818
	0.7843	0.7867	0.7897	0.7942	0.7988
	0.8034	0.8080	0.8126	0.8174	0.8249
	0.8325	0.8401	0.8778	0.8865	0.8953
	0.9026	0.9065	0.9104	0.9143	0.9182
	0.9221	0.9260	0.9302	0.9367	0.9431
	0.9495	0.9560	0.9703	0.9871	1.0000
Transect T-C118					
Area:	0.0033	0.0077	0.0127	0.0185	0.0259
	0.0358	0.0465	0.0582	0.0711	0.0868
	0.1055	0.1252	0.1454	0.1660	0.1870
	0.2083	0.2300	0.2519	0.2739	0.2961
	0.3183	0.3407	0.3633	0.3859	0.4087
	0.4316	0.4546	0.4777	0.5010	0.5243
	0.5478	0.5713	0.5948	0.6183	0.6419

Hrad:	0.6655	0.6892	0.7129	0.7366	0.7604
	0.7842	0.8080	0.8319	0.8558	0.8797
	0.9037	0.9277	0.9518	0.9759	1.0000
	0.0196	0.0400	0.0586	0.0718	0.0671
	0.0848	0.1011	0.1159	0.1250	0.1171
	0.1337	0.1523	0.1737	0.1948	0.2156
	0.2360	0.2563	0.2790	0.3017	0.3242
	0.3465	0.3688	0.3909	0.4129	0.4348
	0.4566	0.4782	0.4997	0.5212	0.5427
	0.5660	0.5892	0.6124	0.6355	0.6586
Width:	0.6817	0.7047	0.7277	0.7506	0.7735
	0.7963	0.8191	0.8419	0.8646	0.8873
	0.9099	0.9325	0.9550	0.9775	1.0000
	0.1708	0.1953	0.2198	0.2604	0.3900
	0.4258	0.4641	0.5073	0.5744	0.7492
	0.7967	0.8302	0.8452	0.8603	0.8753
	0.8904	0.9052	0.9102	0.9153	0.9203
	0.9254	0.9304	0.9355	0.9406	0.9456
	0.9507	0.9557	0.9608	0.9658	0.9705
	0.9720	0.9734	0.9749	0.9764	0.9779
Transect T-C1450_1 Area:	0.9793	0.9808	0.9823	0.9838	0.9852
	0.9867	0.9882	0.9897	0.9911	0.9926
	0.9941	0.9956	0.9970	0.9985	1.0000
	0.0002	0.0006	0.0014	0.0024	0.0040
	0.0066	0.0105	0.0155	0.0212	0.0274
	0.0347	0.0439	0.0545	0.0663	0.0792
	0.0926	0.1064	0.1212	0.1374	0.1554
	0.1746	0.1949	0.2163	0.2391	0.2629
	0.2874	0.3126	0.3387	0.3655	0.3926
	0.4199	0.4473	0.4749	0.5031	0.5322
Hrad:	0.5623	0.5926	0.6231	0.6538	0.6846
	0.7155	0.7465	0.7777	0.8090	0.8405
	0.8723	0.9041	0.9360	0.9680	1.0000
	0.0160	0.0321	0.0507	0.0653	0.0631
	0.0636	0.0799	0.0944	0.1141	0.1408
	0.1615	0.1649	0.1830	0.1944	0.2030
	0.2275	0.2523	0.2746	0.2856	0.2640
	0.2934	0.3207	0.3460	0.3696	0.3927
	0.4155	0.4382	0.4574	0.4340	0.4639
	0.4933	0.5226	0.5451	0.5716	0.5981
Width:	0.5973	0.6252	0.6535	0.6825	0.7117
	0.7409	0.7700	0.7989	0.8278	0.8489
	0.8794	0.9096	0.9398	0.9699	1.0000
	0.0097	0.0194	0.0274	0.0364	0.0641
	0.1036	0.1413	0.1647	0.1861	0.2072
	0.2554	0.3060	0.3489	0.3898	0.4106
	0.4237	0.4428	0.4823	0.5284	0.5892
	0.6188	0.6451	0.6941	0.7289	0.7519
	0.7792	0.7960	0.8286	0.8430	0.8472
	0.8518	0.8566	0.8720	0.8891	0.9290
Transect T-C61 Area:	0.9421	0.9486	0.9542	0.9587	0.9626
	0.9664	0.9703	0.9742	0.9780	0.9907
	0.9925	0.9943	0.9962	0.9981	1.0000
	0.0027	0.0075	0.0149	0.0282	0.0418
	0.0557	0.0698	0.0842	0.0989	0.1139
	0.1292	0.1449	0.1612	0.1780	0.1955
	0.2134	0.2316	0.2502	0.2692	0.2886
	0.3084	0.3287	0.3495	0.3706	0.3921
	0.4139	0.4362	0.4589	0.4822	0.5060
	0.5300	0.5540	0.5781	0.6023	0.6266
Hrad:	0.6510	0.6754	0.6999	0.7245	0.7492
	0.7739	0.7987	0.8236	0.8485	0.8736
	0.8987	0.9239	0.9492	0.9745	1.0000
	0.0161	0.0376	0.0298	0.0551	0.0799
	0.1041	0.1280	0.1514	0.1744	0.1970
	0.2193	0.2371	0.2541	0.2709	0.2883
	0.3089	0.3292	0.3490	0.3666	0.3840
	0.4012	0.4182	0.4351	0.4542	0.4735
	0.4908	0.5056	0.5203	0.5350	0.5515
	0.5751	0.5986	0.6220	0.6453	0.6684
	0.6914	0.7144	0.7372	0.7598	0.7824
	0.8049	0.8272	0.8495	0.8716	0.8937
	0.9156	0.9374	0.9584	0.9792	1.0000

Width:					
	0.1718	0.2047	0.5155	0.5265	0.5375
	0.5486	0.5596	0.5707	0.5817	0.5927
	0.6038	0.6261	0.6497	0.6734	0.6948
	0.7077	0.7206	0.7340	0.7517	0.7693
	0.7869	0.8046	0.8222	0.8352	0.8473
	0.8627	0.8824	0.9022	0.9219	0.9380
	0.9410	0.9439	0.9469	0.9499	0.9528
	0.9558	0.9588	0.9618	0.9647	0.9677
	0.9707	0.9736	0.9766	0.9796	0.9825
	0.9855	0.9885	0.9923	0.9962	1.0000

Transect T-C68

Area:					
	0.0071	0.0144	0.0220	0.0298	0.0378
	0.0461	0.0546	0.0634	0.0724	0.0817
	0.0911	0.1009	0.1108	0.1211	0.1315
	0.1422	0.1531	0.1643	0.1757	0.1874
	0.1993	0.2118	0.2247	0.2382	0.2521
	0.2666	0.2815	0.2970	0.3130	0.3296
	0.3468	0.3647	0.3851	0.4096	0.4373
	0.4664	0.4961	0.5266	0.5579	0.5901
	0.6232	0.6571	0.6935	0.7328	0.7748
	0.8195	0.8645	0.9096	0.9548	1.0000

Hrad:					
	0.0446	0.0877	0.1295	0.1702	0.2098
	0.2483	0.2860	0.3229	0.3590	0.3944
	0.4291	0.4633	0.4969	0.5299	0.5625
	0.5947	0.6264	0.6577	0.6886	0.7192
	0.7393	0.7542	0.7697	0.7856	0.8021
	0.8190	0.8362	0.8538	0.8678	0.8803
	0.8936	0.9075	0.9158	0.9154	0.6899
	0.7179	0.7456	0.7712	0.7949	0.8185
	0.8420	0.8579	0.8254	0.8179	0.8027
	0.8247	0.8686	0.9125	0.9563	1.0000

Width:					
	0.1592	0.1645	0.1698	0.1751	0.1804
	0.1857	0.1911	0.1964	0.2017	0.2070
	0.2123	0.2176	0.2230	0.2283	0.2336
	0.2389	0.2442	0.2495	0.2549	0.2602
	0.2692	0.2804	0.2916	0.3027	0.3139
	0.3251	0.3362	0.3474	0.3602	0.3739
	0.3877	0.4014	0.5055	0.5793	0.6337
	0.6495	0.6652	0.6826	0.7017	0.7208
	0.7399	0.7658	0.8401	0.8959	0.9654
	0.9938	0.9954	0.9969	0.9985	1.0000

Transect T-C74

Area:					
	0.0006	0.0026	0.0057	0.0095	0.0138
	0.0186	0.0240	0.0298	0.0362	0.0430
	0.0505	0.0589	0.0686	0.0793	0.0911
	0.1039	0.1177	0.1330	0.1500	0.1681
	0.1870	0.2067	0.2271	0.2483	0.2701
	0.2924	0.3152	0.3386	0.3625	0.3870
	0.4120	0.4375	0.4635	0.4902	0.5174
	0.5451	0.5734	0.6023	0.6318	0.6618
	0.6926	0.7242	0.7566	0.7897	0.8236
	0.8582	0.8932	0.9285	0.9641	1.0000

Hrad:					
	0.0181	0.0362	0.0582	0.0848	0.1094
	0.1327	0.1550	0.1766	0.1977	0.2183
	0.2306	0.2350	0.2425	0.2538	0.2678
	0.2825	0.2970	0.2977	0.3064	0.3288
	0.3508	0.3726	0.3936	0.4176	0.4432
	0.4684	0.4932	0.5178	0.5420	0.5660
	0.5898	0.6131	0.6358	0.6583	0.6806
	0.7027	0.7247	0.7465	0.7682	0.7855
	0.8021	0.8187	0.8353	0.8520	0.8688
	0.8895	0.9175	0.9452	0.9727	1.0000

Width:					
	0.0355	0.0711	0.0984	0.1126	0.1267
	0.1409	0.1551	0.1692	0.1834	0.1976
	0.2193	0.2515	0.2836	0.3136	0.3414
	0.3692	0.3978	0.4483	0.4915	0.5133
	0.5350	0.5568	0.5792	0.5969	0.6117
	0.6266	0.6415	0.6563	0.6712	0.6860
	0.7009	0.7159	0.7315	0.7471	0.7627
	0.7783	0.7939	0.8094	0.8250	0.8452
	0.8664	0.8876	0.9088	0.9300	0.9512
	0.9678	0.9759	0.9839	0.9920	1.0000

Transect T-C76

Area:

Hrad:	0.0005	0.0020	0.0044	0.0079	0.0123
	0.0177	0.0241	0.0315	0.0400	0.0497
	0.0608	0.0731	0.0861	0.1000	0.1146
	0.1300	0.1462	0.1630	0.1804	0.1984
	0.2171	0.2363	0.2561	0.2765	0.2976
	0.3196	0.3423	0.3658	0.3902	0.4152
	0.4406	0.4664	0.4925	0.5189	0.5457
	0.5728	0.6002	0.6281	0.6566	0.6855
	0.7150	0.7449	0.7754	0.8064	0.8379
	0.8698	0.9019	0.9343	0.9670	1.0000
	0.0166	0.0332	0.0498	0.0664	0.0830
	0.0996	0.1161	0.1327	0.1459	0.1587
	0.1722	0.1913	0.2124	0.2331	0.2534
Width:	0.2733	0.2935	0.3157	0.3376	0.3591
	0.3803	0.4012	0.4219	0.4423	0.4588
	0.4746	0.4905	0.5065	0.5225	0.5451
	0.5708	0.5962	0.6213	0.6463	0.6710
	0.6955	0.7180	0.7378	0.7575	0.7771
	0.7966	0.8160	0.8353	0.8545	0.8740
	0.8995	0.9248	0.9500	0.9751	1.0000
	0.0298	0.0595	0.0893	0.1191	0.1488
	0.1786	0.2084	0.2381	0.2747	0.3143
	0.3540	0.3831	0.4065	0.4299	0.4534
	0.4768	0.4991	0.5173	0.5354	0.5536
	0.5717	0.5898	0.6080	0.6261	0.6496
	0.6742	0.6987	0.7232	0.7478	0.7626
	0.7728	0.7829	0.7931	0.8032	0.8134
Transect T-C78 Area:	0.8235	0.8359	0.8513	0.8667	0.8821
	0.8975	0.9129	0.9282	0.9436	0.9586
	0.9669	0.9752	0.9834	0.9917	1.0000
	0.0009	0.0050	0.0106	0.0189	0.0288
	0.0391	0.0498	0.0609	0.0724	0.0843
	0.0969	0.1103	0.1256	0.1416	0.1581
	0.1752	0.1929	0.2111	0.2300	0.2497
	0.2702	0.2912	0.3128	0.3349	0.3575
	0.3807	0.4043	0.4286	0.4532	0.4783
	0.5035	0.5288	0.5542	0.5797	0.6053
	0.6310	0.6567	0.6826	0.7085	0.7346
	0.7607	0.7869	0.8132	0.8396	0.8661
	0.8927	0.9194	0.9462	0.9730	1.0000
Hrad:	0.0136	0.0277	0.0457	0.0545	0.0781
	0.1019	0.1249	0.1472	0.1690	0.1884
	0.2053	0.2215	0.2195	0.2385	0.2571
	0.2753	0.2936	0.3117	0.3259	0.3400
	0.3548	0.3734	0.3917	0.4097	0.4276
	0.4449	0.4611	0.4793	0.4974	0.5194
	0.5445	0.5694	0.5942	0.6189	0.6435
	0.6680	0.6923	0.7166	0.7408	0.7648
	0.7888	0.8126	0.8364	0.8601	0.8836
	0.9071	0.9305	0.9537	0.9769	1.0000
	0.0782	0.1825	0.2362	0.3519	0.3736
	0.3887	0.4038	0.4189	0.4339	0.4535
	0.4782	0.5353	0.5795	0.6011	0.6228
Width:	0.6444	0.6652	0.6859	0.7147	0.7437
	0.7711	0.7900	0.8089	0.8277	0.8466
	0.8664	0.8880	0.9053	0.9226	0.9320
	0.9354	0.9388	0.9422	0.9456	0.9490
	0.9524	0.9558	0.9592	0.9626	0.9660
	0.9694	0.9728	0.9762	0.9796	0.9830
	0.9864	0.9898	0.9932	0.9966	1.0000
	0.0020	0.0042	0.0065	0.0089	0.0114
	0.0141	0.0169	0.0198	0.0228	0.0260
	0.0296	0.0342	0.0416	0.0496	0.0591
	0.0706	0.0864	0.1054	0.1266	0.1508
	0.1766	0.2026	0.2288	0.2552	0.2817
	0.3085	0.3354	0.3625	0.3897	0.4171
Transect T-C8 Area:	0.4447	0.4724	0.5003	0.5284	0.5567
	0.5852	0.6139	0.6427	0.6717	0.7009
	0.7302	0.7596	0.7892	0.8190	0.8489
	0.8789	0.9091	0.9393	0.9696	1.0000
	0.0296	0.0575	0.0840	0.1092	0.1334
	0.1567	0.1792	0.2011	0.2223	0.2431
	0.2294	0.2008	0.1638	0.1826	0.1987

Width:	0.2100	0.1723	0.1752	0.1960	0.1797
	0.2084	0.2370	0.2656	0.2943	0.3228
	0.3511	0.3793	0.4072	0.4351	0.4629
	0.4907	0.5183	0.5451	0.5718	0.5983
	0.6247	0.6509	0.6775	0.7045	0.7313
	0.7580	0.7845	0.8110	0.8374	0.8636
	0.8897	0.9174	0.9450	0.9726	1.0000
	0.0687	0.0729	0.0771	0.0813	0.0855
	0.0897	0.0939	0.0981	0.1023	0.1065
	0.1283	0.2159	0.2541	0.2811	0.3420
Transect T-C84 Area:	0.4525	0.5612	0.6751	0.7321	0.8428
	0.8504	0.8579	0.8645	0.8701	0.8758
	0.8815	0.8871	0.8928	0.8984	0.9037
	0.9087	0.9139	0.9202	0.9265	0.9328
	0.9390	0.9453	0.9509	0.9557	0.9606
	0.9654	0.9703	0.9752	0.9800	0.9849
	0.9897	0.9923	0.9948	0.9974	1.0000
	0.0003	0.0026	0.0071	0.0122	0.0176
	0.0231	0.0288	0.0348	0.0412	0.0485
	0.0567	0.0660	0.0785	0.0926	0.1075
Hrad:	0.1243	0.1447	0.1673	0.1902	0.2136
	0.2372	0.2610	0.2849	0.3090	0.3334
	0.3582	0.3831	0.4086	0.4343	0.4601
	0.4860	0.5121	0.5383	0.5646	0.5912
	0.6181	0.6450	0.6720	0.6990	0.7261
	0.7533	0.7805	0.8078	0.8351	0.8625
	0.8899	0.9174	0.9449	0.9724	1.0000
	0.0104	0.0196	0.0398	0.0647	0.0894
	0.1133	0.1357	0.1569	0.1781	0.1977
	0.2147	0.2281	0.2308	0.2288	0.2368
Width:	0.2390	0.1995	0.2078	0.2328	0.2575
	0.2757	0.3020	0.3282	0.3516	0.3741
	0.3976	0.4201	0.4397	0.4653	0.4908
	0.5160	0.5410	0.5660	0.5881	0.6096
	0.6345	0.6606	0.6866	0.7126	0.7384
	0.7643	0.7900	0.8158	0.8415	0.8680
	0.8945	0.9209	0.9473	0.9737	1.0000
	0.0385	0.1357	0.1792	0.1892	0.1965
	0.2038	0.2124	0.2219	0.2457	0.2808
	0.3134	0.3859	0.4940	0.5273	0.5576
Transect T-C97 Area:	0.6514	0.7981	0.8252	0.8387	0.8521
	0.8608	0.8646	0.8684	0.8792	0.8916
	0.9011	0.9124	0.9295	0.9336	0.9378
	0.9423	0.9467	0.9512	0.9603	0.9701
	0.9743	0.9766	0.9788	0.9811	0.9834
	0.9857	0.9880	0.9903	0.9924	0.9937
	0.9950	0.9962	0.9975	0.9987	1.0000
	0.0002	0.0007	0.0016	0.0028	0.0043
	0.0062	0.0085	0.0110	0.0140	0.0173
	0.0209	0.0248	0.0291	0.0336	0.0385
Hrad:	0.0436	0.0490	0.0547	0.0608	0.0691
	0.0783	0.0885	0.1010	0.1166	0.1354
	0.1562	0.1777	0.2003	0.2253	0.2515
	0.2795	0.3086	0.3387	0.3697	0.4018
	0.4354	0.4698	0.5053	0.5415	0.5791
	0.6183	0.6581	0.6985	0.7396	0.7816
	0.8242	0.8675	0.9113	0.9554	1.0000
	0.0223	0.0446	0.0669	0.0892	0.1115
	0.1337	0.1560	0.1783	0.2006	0.2229
	0.2452	0.2695	0.2948	0.3198	0.3444
Width:	0.3687	0.3928	0.4168	0.3812	0.3484
	0.3620	0.3727	0.3624	0.3351	0.2956
	0.3308	0.3601	0.3833	0.3939	0.4120
	0.4365	0.4642	0.4961	0.5260	0.5402
	0.5730	0.5992	0.6290	0.6632	0.6685
	0.6993	0.7332	0.7659	0.7949	0.8251
	0.8559	0.8906	0.9263	0.9616	1.0000
	0.0077	0.0155	0.0232	0.0309	0.0386
	0.0464	0.0541	0.0618	0.0696	0.0773
	0.0850	0.0920	0.0984	0.1049	0.1114
	0.1178	0.1243	0.1308	0.1591	0.1978
	0.2158	0.2493	0.3105	0.3924	0.4580
	0.4719	0.4932	0.5225	0.5719	0.6103

	0.6402	0.6648	0.6827	0.7027	0.7437
	0.7597	0.7839	0.8033	0.8164	0.8663
	0.8841	0.8975	0.9119	0.9305	0.9472
	0.9630	0.9741	0.9838	0.9936	1.0000
Transect T-SMC14					
Area:	0.0044	0.0103	0.0168	0.0237	0.0311
	0.0390	0.0473	0.0561	0.0654	0.0751
	0.0853	0.0962	0.1078	0.1201	0.1331
	0.1469	0.1616	0.1777	0.1950	0.2128
	0.2312	0.2500	0.2694	0.2892	0.3095
	0.3303	0.3514	0.3730	0.3950	0.4175
	0.4404	0.4637	0.4876	0.5119	0.5366
	0.5619	0.5883	0.6160	0.6450	0.6751
	0.7064	0.7385	0.7708	0.8032	0.8358
	0.8684	0.9011	0.9340	0.9669	1.0000
Hrad:	0.0254	0.0555	0.0838	0.1105	0.1359
	0.1602	0.1837	0.2065	0.2286	0.2503
	0.2710	0.2851	0.2997	0.3148	0.3300
	0.3454	0.3486	0.3529	0.3677	0.3906
	0.4131	0.4353	0.4572	0.4789	0.5003
	0.5228	0.5460	0.5689	0.5899	0.6106
	0.6311	0.6515	0.6717	0.6917	0.7117
	0.7233	0.7209	0.7205	0.7246	0.7296
	0.7334	0.7595	0.7899	0.8202	0.8505
	0.8806	0.9106	0.9405	0.9703	1.0000
Width:	0.1735	0.1877	0.2019	0.2161	0.2303
	0.2445	0.2587	0.2729	0.2871	0.3013
	0.3159	0.3385	0.3607	0.3827	0.4047
	0.4267	0.4652	0.5054	0.5322	0.5469
	0.5616	0.5763	0.5910	0.6057	0.6204
	0.6335	0.6452	0.6570	0.6709	0.6849
	0.6988	0.7128	0.7268	0.7407	0.7547
	0.7775	0.8169	0.8559	0.8912	0.9265
	0.9644	0.9736	0.9769	0.9802	0.9835
	0.9868	0.9901	0.9934	0.9967	1.0000
Transect T-SMC14_2					
Area:	0.0004	0.0016	0.0037	0.0066	0.0103
	0.0148	0.0202	0.0263	0.0333	0.0411
	0.0498	0.0593	0.0695	0.0806	0.0924
	0.1048	0.1180	0.1317	0.1460	0.1609
	0.1763	0.1923	0.2088	0.2260	0.2436
	0.2619	0.2807	0.3000	0.3200	0.3405
	0.3615	0.3831	0.4055	0.4288	0.4529
	0.4778	0.5036	0.5302	0.5578	0.5870
	0.6180	0.6508	0.6863	0.7251	0.7674
	0.8122	0.8579	0.9044	0.9518	1.0000
Hrad:	0.0245	0.0489	0.0734	0.0979	0.1223
	0.1468	0.1713	0.1957	0.2202	0.2447
	0.2691	0.2936	0.3180	0.3454	0.3732
	0.4006	0.4288	0.4595	0.4897	0.5195
	0.5489	0.5779	0.6067	0.6351	0.6633
	0.6913	0.7190	0.7466	0.7740	0.8012
	0.8283	0.8522	0.8685	0.8855	0.9029
	0.9209	0.9392	0.9580	0.9768	0.9942
	1.0103	1.0119	0.9886	0.9586	0.9354
	0.8738	0.9058	0.9375	0.9689	1.0000
Width:	0.0169	0.0339	0.0508	0.0677	0.0846
	0.1016	0.1185	0.1354	0.1523	0.1693
	0.1862	0.2031	0.2200	0.2348	0.2491
	0.2633	0.2768	0.2884	0.2999	0.3115
	0.3231	0.3346	0.3462	0.3578	0.3693
	0.3809	0.3925	0.4040	0.4156	0.4272
	0.4387	0.4519	0.4694	0.4868	0.5042
	0.5216	0.5390	0.5565	0.5825	0.6188
	0.6551	0.6999	0.7625	0.8340	0.9056
	0.9312	0.9484	0.9656	0.9828	1.0000
Transect T-U012001					
Area:	0.0001	0.0004	0.0009	0.0015	0.0024
	0.0035	0.0047	0.0062	0.0078	0.0096
	0.0116	0.0139	0.0165	0.0205	0.0258
	0.0322	0.0396	0.0480	0.0574	0.0677
	0.0791	0.0922	0.1076	0.1244	0.1430
	0.1632	0.1850	0.2082	0.2330	0.2592
	0.2861	0.3136	0.3424	0.3730	0.4042

	0.4358	0.4679	0.5005	0.5351	0.5708
	0.6072	0.6443	0.6823	0.7213	0.7613
	0.8046	0.8503	0.8975	0.9475	1.0000
Hrad:					
	0.0265	0.0529	0.0794	0.1059	0.1323
	0.1588	0.1853	0.2118	0.2382	0.2647
	0.2912	0.3176	0.2664	0.2352	0.2350
	0.2492	0.2688	0.2902	0.3126	0.3360
	0.3505	0.3422	0.3577	0.3822	0.3952
	0.4166	0.4419	0.4670	0.4885	0.5236
	0.5667	0.6017	0.6108	0.6470	0.6913
	0.7352	0.7791	0.8103	0.8183	0.8511
	0.8879	0.9240	0.9535	0.9847	1.0043
	0.9575	0.9878	0.9996	0.9849	1.0000
Width:					
	0.0036	0.0072	0.0107	0.0143	0.0179
	0.0215	0.0250	0.0286	0.0322	0.0358
	0.0394	0.0429	0.0613	0.0867	0.1092
	0.1286	0.1468	0.1649	0.1829	0.2008
	0.2250	0.2689	0.3002	0.3250	0.3613
	0.3913	0.4182	0.4454	0.4766	0.4947
	0.5044	0.5209	0.5602	0.5762	0.5844
	0.5925	0.6003	0.6175	0.6537	0.6704
	0.6837	0.6971	0.7154	0.7323	0.7579
	0.8403	0.8608	0.8979	0.9621	1.0000

Analysis Options

Flow Units CMS
Process Models:
 Rainfall/Runoff YES
 RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing YES
 Ponding Allowed NO
 Water Quality NO
Infiltration Method CURVE_NUMBER
Flow Routing Method DYNWAVE
Surcharge Method EXTRAN
Starting Date 04/10/2025 00:00:00
Ending Date 04/12/2025 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	1.352	48.000
Evaporation Loss	0.000	0.000
Infiltration Loss	1.002	35.586
Surface Runoff	0.314	11.148
Final Storage	0.036	1.277
Continuity Error (%)	-0.024	

*****	Volume	Volume
Flow Routing Continuity	hectare-m	10^6 ltr
*****	-----	-----
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	0.314	3.139
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	0.313	3.130
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.001	0.006
Continuity Error (%)	0.109	

Highest Continuity Errors

Node 16017 (1.12%)

Time-Step Critical Elements

Link SMC12 (32.62%)

Highest Flow Instability Indexes

All links are stable.

Most Frequent Nonconverging Nodes

Convergence obtained at all time steps.

Routing Time Step Summary

Minimum Time Step : 0.00 sec
Average Time Step : 4.18 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 : 90.28 %
3.155 - 1.991 sec : 0.05 %
1.991 - 1.256 sec : 2.85 %
1.256 - 0.792 sec : 4.01 %
0.792 - 0.500 sec : 2.81 %

Subcatchment Runoff Summary

-----			Total	Total	Total	Total	Imperv	Perv	Total
Total	Peak	Runoff	Precip	Runon	Evap	Infil	Runoff	Runoff	Runoff
Runoff	Runoff	Coeff							
Subcatchment	Subcatchment		mm	mm	mm	mm	mm	mm	mm
10^6 ltr	CMS								

S1			48.00	0.00	0.00	35.47	3.26	8.01	11.27
0.21	0.03	0.235							
SC02			48.00	0.00	0.00	35.43	3.26	8.06	11.32
0.17	0.02	0.236							
SC03			48.00	0.00	0.00	35.52	3.26	7.96	11.22
0.14	0.02	0.234							
SC05_1			48.00	0.00	0.00	35.34	3.26	8.14	11.39
0.13	0.02	0.237							
SC05_2			48.00	0.00	0.00	35.56	3.26	7.91	11.17
0.06	0.01	0.233							
SC07_1			48.00	0.00	0.00	35.80	3.26	7.67	10.93
0.24	0.03	0.228							
SC07_2			48.00	0.00	0.00	35.45	3.26	8.03	11.28
0.15	0.02	0.235							
SC08			48.00	0.00	0.00	35.76	3.26	7.73	10.98
0.16	0.02	0.229							
SC09_1			48.00	0.00	0.00	35.36	3.26	8.13	11.39
0.07	0.01	0.237							
SC09_2			48.00	0.00	0.00	35.54	3.26	7.93	11.19
0.12	0.02	0.233							
SC10_1			48.00	0.00	0.00	35.89	3.26	7.58	10.84
0.30	0.04	0.226							
SC10_2			48.00	0.00	0.00	35.49	3.26	7.98	11.24
0.18	0.02	0.234							
SC13			48.00	0.00	0.00	35.52	3.26	7.96	11.22
0.16	0.02	0.234							
SC14A			48.00	0.00	0.00	35.47	3.26	8.00	11.26
0.08	0.01	0.235							
SC14B			48.00	32.11	0.00	36.05	5.50	37.31	42.82
0.29	0.02	0.534							
SC14C			48.00	0.00	0.00	35.38	3.26	8.09	11.35
0.08	0.01	0.236							

SC14D			48.00	0.00	0.00	35.52	3.26	7.96	11.22
0.14	0.02	0.234							
SC48			48.00	0.00	0.00	35.63	3.26	7.85	11.10
0.28	0.03	0.231							
SC70A			48.00	0.00	0.00	35.43	3.26	8.04	11.30
0.15	0.02	0.235							
SC70E			48.00	0.00	0.00	35.47	3.26	8.00	11.26
0.10	0.01	0.235							
SC70F			48.00	0.00	0.00	35.65	3.26	7.83	11.08
0.14	0.02	0.231							

Node Depth Summary

		Average	Maximum	Maximum	Time of Max		Reported
		Depth	Depth	HGL	Occurrence		Max Depth
Node	Type	Meters	Meters	Meters	days	hr:min	Meters
16017	JUNCTION	0.06	0.18	93.61	0	13:13	0.18
16094	JUNCTION	0.00	0.00	92.18	0	00:00	0.00
16130	JUNCTION	0.06	0.19	93.61	0	13:11	0.19
25010	JUNCTION	0.02	0.08	94.48	0	12:00	0.08
25025	JUNCTION	0.00	0.00	94.64	0	00:00	0.00
26419	JUNCTION	0.00	0.00	94.00	0	00:00	0.00
26456	JUNCTION	0.04	0.18	94.41	0	12:01	0.18
26481	JUNCTION	0.03	0.13	94.43	0	12:01	0.13
26578	JUNCTION	0.00	0.00	95.36	0	00:00	0.00
J101	JUNCTION	0.02	0.06	99.12	0	12:02	0.06
J107	JUNCTION	0.02	0.09	98.25	0	12:03	0.09
J111	JUNCTION	0.03	0.09	99.40	0	12:01	0.09
J117	JUNCTION	0.00	0.00	100.45	0	00:00	0.00
J137	JUNCTION	0.01	0.04	100.47	0	12:00	0.04
J14	JUNCTION	0.02	0.07	92.13	0	12:48	0.07
J152	JUNCTION	0.00	0.00	102.59	0	00:00	0.00
J160	JUNCTION	0.00	0.00	103.54	0	00:00	0.00
J17	JUNCTION	0.03	0.10	92.83	0	12:47	0.10
J2	JUNCTION	0.04	0.15	97.08	0	12:03	0.15
J253	JUNCTION	0.00	0.00	102.19	0	00:00	0.00
J258	JUNCTION	0.02	0.10	96.37	0	12:07	0.10
J259	JUNCTION	0.01	0.06	99.38	0	12:02	0.06
J270	JUNCTION	0.03	0.13	97.09	0	12:03	0.13
J274	JUNCTION	0.01	0.04	91.42	0	12:50	0.04
J276	JUNCTION	0.01	0.05	96.31	0	12:16	0.05
J3	JUNCTION	0.02	0.11	93.61	0	13:11	0.11
J33	JUNCTION	0.02	0.08	94.97	0	12:25	0.08
J35	JUNCTION	0.07	0.16	94.93	0	12:35	0.16
J43	JUNCTION	0.02	0.06	94.87	0	12:41	0.06
J5	JUNCTION	0.00	0.00	91.80	0	00:00	0.00
J53	JUNCTION	0.01	0.03	97.14	0	12:00	0.03
J64	JUNCTION	0.02	0.08	97.58	0	12:13	0.08
J8	JUNCTION	0.02	0.06	90.57	0	12:59	0.06
J80	JUNCTION	0.02	0.06	98.14	0	12:09	0.06
J86	JUNCTION	0.01	0.04	98.14	0	12:00	0.04
J92	JUNCTION	0.01	0.06	98.34	0	12:07	0.06
T009005	JUNCTION	0.02	0.08	100.36	0	12:00	0.08
T009007	JUNCTION	0.00	0.00	100.64	0	00:00	0.00
T012001	JUNCTION	0.00	0.00	101.00	0	00:00	0.00
T013002	JUNCTION	0.00	0.00	100.64	0	00:00	0.00
T013003	JUNCTION	0.00	0.00	100.81	0	00:00	0.00
T013006	JUNCTION	0.00	0.00	101.35	0	00:00	0.00
T013007	JUNCTION	0.00	0.00	101.66	0	00:00	0.00
T013012	JUNCTION	0.00	0.00	103.47	0	00:00	0.00
T013016	JUNCTION	0.00	0.00	103.45	0	00:00	0.00
T013019	JUNCTION	0.00	0.00	104.45	0	00:00	0.00
T013020	JUNCTION	0.00	0.00	104.78	0	00:00	0.00
T013021	JUNCTION	0.00	0.00	105.12	0	00:00	0.00
T013022	JUNCTION	0.00	0.00	105.45	0	00:00	0.00
T013023	JUNCTION	0.00	0.00	105.79	0	00:00	0.00
T013024	JUNCTION	0.00	0.00	106.12	0	00:00	0.00
T013025	JUNCTION	0.00	0.00	106.29	0	00:00	0.00
T013031	JUNCTION	0.00	0.00	107.32	0	00:00	0.00
T013032	JUNCTION	0.00	0.00	107.71	0	00:00	0.00
T013033	JUNCTION	0.00	0.00	108.26	0	00:00	0.00
T013037	JUNCTION	0.00	0.00	108.54	0	00:00	0.00
T013042	JUNCTION	0.00	0.00	108.52	0	00:00	0.00
T013044	JUNCTION	0.00	0.00	108.53	0	00:00	0.00
T013045	JUNCTION	0.00	0.00	108.54	0	00:00	0.00
T014001	JUNCTION	0.00	0.00	103.48	0	00:00	0.00
T015001	JUNCTION	0.00	0.00	104.54	0	00:00	0.00
T015003	JUNCTION	0.00	0.00	106.14	0	00:00	0.00
T016001	JUNCTION	0.00	0.00	108.62	0	00:00	0.00

T016003	JUNCTION	0.00	0.00	108.77	0	00:00	0.00
T043003	JUNCTION	0.00	0.00	101.17	0	00:00	0.00
OF-A	OUTFALL	0.00	0.00	91.50	0	00:00	0.00
OF-B	OUTFALL	0.05	0.15	93.38	0	13:11	0.15
OF-C	OUTFALL	0.02	0.14	94.29	0	12:02	0.14
OF-EX	OUTFALL	0.01	0.03	89.65	0	12:59	0.03

Node Inflow Summary

Node	Type	Maximum Lateral Inflow CMS	Maximum Total Inflow CMS	Time of Max Occurrence		Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr	Flow Balance Error Percent
				days	hr:min			
16017	JUNCTION	0.018	0.034	0	12:18	0.143	0.187	1.136
16094	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
16130	JUNCTION	0.023	0.158	0	12:07	0.172	2.32	0.104
25010	JUNCTION	0.035	0.035	0	12:00	0.282	0.282	0.041
25025	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
26419	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
26456	JUNCTION	0.000	0.056	0	12:00	0	0.495	0.011
26481	JUNCTION	0.028	0.060	0	12:00	0.214	0.495	-0.009
26578	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J101	JUNCTION	0.000	0.038	0	12:02	0	0.392	-0.080
J107	JUNCTION	0.019	0.090	0	12:00	0.161	0.828	0.028
J111	JUNCTION	0.025	0.078	0	12:00	0.191	0.667	0.031
J117	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J137	JUNCTION	0.030	0.030	0	12:00	0.241	0.241	-0.075
J14	JUNCTION	0.000	0.023	0	12:47	0	0.388	0.030
J152	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J160	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J17	JUNCTION	0.000	0.024	0	12:41	0	0.388	0.103
J2	JUNCTION	0.000	0.139	0	12:02	0	1.59	-0.020
J253	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J258	JUNCTION	0.025	0.169	0	12:02	0.184	1.94	-0.048
J259	JUNCTION	0.020	0.047	0	12:00	0.151	0.392	0.047
J270	JUNCTION	0.048	0.153	0	12:00	0.39	1.59	0.023
J274	JUNCTION	0.000	0.023	0	12:49	0	0.387	0.015
J276	JUNCTION	0.000	0.035	0	12:13	0	0.391	0.008
J3	JUNCTION	0.000	0.024	0	12:05	0	0.0307	1.390
J33	JUNCTION	0.000	0.032	0	12:16	0	0.391	0.140
J35	JUNCTION	0.000	0.029	0	12:25	0	0.391	0.691
J43	JUNCTION	0.000	0.025	0	12:35	0	0.388	0.069
J5	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J53	JUNCTION	0.020	0.020	0	12:00	0.16	0.16	-0.034
J64	JUNCTION	0.000	0.037	0	12:09	0	0.392	0.033
J8	JUNCTION	0.000	0.023	0	12:50	0	0.387	0.102
J80	JUNCTION	0.000	0.039	0	12:08	0	0.392	-0.005
J86	JUNCTION	0.033	0.033	0	12:00	0.373	0.373	-0.006
J92	JUNCTION	0.000	0.043	0	12:05	0	0.392	0.111
T009005	JUNCTION	0.058	0.058	0	12:00	0.476	0.476	-0.027
T009007	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T012001	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013002	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013003	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013006	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013007	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013012	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013016	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013019	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013020	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013021	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								

T013022	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013023	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013024	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013025	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013031	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013032	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013033	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013037	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013042	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013044	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013045	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T014001	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T015001	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T015003	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T016001	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T016003	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T043003	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
OF-A	OUTFALL	0.000	0.000	0	00:00	0	0	0.000
ltr								
OF-B	OUTFALL	0.000	0.094	0	13:11	0	2.25	0.000
OF-C	OUTFALL	0.000	0.054	0	12:02	0	0.495	0.000
OF-EX	OUTFALL	0.000	0.022	0	12:59	0	0.387	0.000

Node Surcharge Summary

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

Node	Type	Hours Surcharged	Max. Height	Min. Depth
			Above Crown Meters	Below Rim Meters
T009007	JUNCTION	48.00	0.000	0.000

Node Flooding Summary

No nodes were flooded.

Outfall Loading Summary

Outfall Node	Flow	Avg	Max	Total
	Freq Pcnt	Flow CMS	Flow CMS	Volume 10^6 ltr
OF-A	0.00	0.000	0.000	0.000
OF-B	93.03	0.021	0.094	2.247
OF-C	64.26	0.007	0.054	0.495
OF-EX	74.94	0.004	0.022	0.387
System	58.06	0.032	0.142	3.130

Link Flow Summary

Maximum Flow	Time of Max Occurrence	Maximum Veloc	Max/ Full	Max/ Full

Link	Type	CMS	days	hr:min	m/sec	Flow	Depth
C10	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
C100	CHANNEL	0.023	0	12:49	0.35	0.00	0.08
C101	CHANNEL	0.023	0	12:50	0.41	0.00	0.06
C103	CHANNEL	0.022	0	12:59	0.23	0.02	0.12
C1450_1	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C20	CONDUIT	0.019	0	12:00	0.17	0.03	0.21
C25	CHANNEL	0.027	0	12:00	0.21	0.07	0.31
C45	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
C50	CHANNEL	0.031	0	12:00	0.15	0.02	0.28
C57	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
C70	CHANNEL	0.000	0	00:00	0.00	0.00	0.03
C75	CONDUIT	0.038	0	12:02	0.29	0.01	0.06
C81	CHANNEL	0.043	0	12:05	0.29	0.17	0.47
C86	CONDUIT	0.039	0	12:08	0.30	0.01	0.06
C87	CHANNEL	0.037	0	12:09	0.23	0.00	0.12
C89	CHANNEL	0.035	0	12:13	0.62	0.00	0.10
C91	CHANNEL	0.032	0	12:16	0.25	0.00	0.08
C93	CHANNEL	0.029	0	12:25	0.14	0.01	0.16
C95	CHANNEL	0.025	0	12:35	0.12	0.04	0.19
C96	CHANNEL	0.024	0	12:41	0.28	0.00	0.08
C99	CHANNEL	0.023	0	12:47	0.41	0.00	0.08
PUB_RD_CULVERT-A	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
PUB_RD_CULVERT-B	CONDUIT	0.094	0	13:11	1.29	0.11	0.25
PUB_RD_CULVERT-C	CONDUIT	0.054	0	12:02	0.81	0.11	0.23
PUB_rd_DC01	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
PUB_rd_DC02	CHANNEL	0.000	0	00:00	0.00	0.00	0.10
PUB_rd_DC03	CHANNEL	0.033	0	12:00	0.16	0.00	0.11
PUB_rd_DC04	CHANNEL	0.056	0	12:00	0.16	0.01	0.18
PUB_rd_DC06	CHANNEL	0.000	0	00:00	0.00	0.00	0.11
PUB_rd_DC07	CHANNEL	0.028	0	12:17	0.11	0.00	0.15
PUB_rd_DC09	CHANNEL	0.024	0	12:05	0.06	0.00	0.12
PUB_rd_DC11	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
SMC09	CHANNEL	0.053	0	12:00	0.24	0.00	0.13
SMC10	CHANNEL	0.074	0	12:01	0.49	0.01	0.12
SMC11	CHANNEL	0.082	0	12:03	0.33	0.02	0.17
SMC12	CHANNEL	0.139	0	12:02	0.35	0.02	0.22
SMC13	CHANNEL	0.140	0	12:04	0.44	0.02	0.20
SMC14	CHANNEL	0.150	0	12:07	0.46	0.02	0.19
U012001	CHANNEL	0.000	0	00:00	0.00	0.00	0.04
U013002	CHANNEL	0.000	0	00:00	0.00	0.00	0.02
U013003	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013004	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013006_2	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013007	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013008	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013015	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013019	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013020	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013021	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013022	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013023	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013024	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013025	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013026	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013032	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013033	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013034	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013038	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013044	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013045	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U014001	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U015002	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U016001	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U016002	CHANNEL	0.000	0	00:00	0.00	0.00	0.00

Flow Classification Summary

Conduit	Adjusted /Actual Length	----- Fraction of Time in Flow Class -----								
		Up		Down		Sub		Sup		Inlet
		Dry	Dry	Dry	Crit	Crit	Crit	Crit	Crit	
C10	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C100	1.00	0.20	0.00	0.00	0.79	0.01	0.00	0.00	0.00	0.00
C101	1.00	0.21	0.00	0.00	0.77	0.02	0.00	0.00	0.75	0.00
C103	1.00	0.22	0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.00
C1450_1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C20	1.00	0.00	0.28	0.00	0.72	0.00	0.00	0.00	0.96	0.00
C25	1.00	0.00	0.08	0.00	0.92	0.00	0.00	0.00	0.95	0.00

C45	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C50	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.97	0.00
C57	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	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C75	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
C81	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.00	0.00
C86	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.92	0.00
C87	1.00	0.03	0.00	0.00	0.94	0.03	0.00	0.00	0.89	0.00
C89	1.00	0.08	0.00	0.00	0.02	0.90	0.00	0.00	0.00	0.00
C91	1.00	0.10	0.00	0.00	0.90	0.00	0.00	0.00	0.86	0.00
C93	1.00	0.11	0.00	0.00	0.88	0.01	0.00	0.00	0.83	0.00
C95	1.00	0.13	0.05	0.00	0.82	0.00	0.00	0.00	0.00	0.00
C96	1.00	0.18	0.00	0.00	0.80	0.02	0.00	0.00	0.79	0.00
C99	1.00	0.19	0.00	0.00	0.80	0.01	0.00	0.00	0.00	0.00
PUB_RD_CULVERT-A	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUB_RD_CULVERT-B	1.00	0.00	0.00	0.00	0.08	0.92	0.00	0.00	0.00	0.00
PUB_RD_CULVERT-C	1.00	0.01	0.00	0.00	0.97	0.03	0.00	0.00	0.00	0.44
PUB_rd_DC01	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC02	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC03	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
PUB_rd_DC04	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.45	0.00
PUB_rd_DC06	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC09	1.00	0.00	0.25	0.00	0.75	0.00	0.00	0.00	0.53	0.00
PUB_rd_DC11	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SMC09	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.96	0.00
SMC10	1.00	0.00	0.00	0.00	0.76	0.24	0.00	0.00	0.01	0.00
SMC11	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
SMC12	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.83	0.00
SMC13	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.03	0.00
SMC14	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.91	0.00
U012001	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013002	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013003	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013004	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013006_2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013007	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013008	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013015	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013019	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013020	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013021	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013022	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013023	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013024	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013025	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013026	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013032	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013033	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013034	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013038	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013044	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013045	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U014001	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U015002	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U016001	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U016002	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Conduit Surcharge Summary

No conduits were surcharged.

Analysis begun on: Mon Apr 20 15:56:13 2026
Analysis ended on: Mon Apr 20 15:56:15 2026
Total elapsed time: 00:00:02



Appendix B-7: Post-development 24h storm 100y event (Smaller area of drainage to compare pre-development 2y 24h)

Element Count

Number of rain gages 9
Number of subcatchments ... 61
Number of nodes 130
Number of links 126
Number of pollutants 0
Number of land uses 0

Raingage Summary

Name	Data Source	Data Type	Recording Interval
100y_103.5mm	100y_103.5mm	INTENSITY	15 min.
10y_72mm	10y_72mm	INTENSITY	15 min.
25y_84mm	25y_84mm	INTENSITY	15 min.
2y_48mm	2y_48mm	INTENSITY	15 min.
50y_93.6mm	50y_93.6mm	INTENSITY	15 min.
5y_62.4mm	5y_62.4mm	INTENSITY	15 min.
Chicago_4h	Chicago_4h	INTENSITY	10 min.
SCS_Type_II_124mm	SCS_Type_II_124mm	INTENSITY	15 min.
SCS_Type_III100y_12h_96mm	SCS_Type_III100y_12h_96mm	INTENSITY	6 min.

Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
S1	0.42	140.90	7.00	2.0000	100y_103.5mm	DDJ06
S1_1	0.15	44.75	7.00	2.0000	100y_103.5mm	PDDJ09
S1_10	0.08	30.92	7.00	2.0000	100y_103.5mm	PDDJ08
S1_2	0.21	62.76	7.00	8.4310	100y_103.5mm	PDDJ10
S115_2	0.01	0.90	80.00	9.1880	100y_103.5mm	J30
S15_4	0.19	62.33	7.00	6.7670	100y_103.5mm	DDJ14
S2	0.42	139.80	7.00	2.0000	100y_103.5mm	DDJ04
S2_13	0.02	53.25	80.00	2.0000	100y_103.5mm	S2_16
S2_14	0.03	67.50	80.00	2.0000	100y_103.5mm	S2_16
S2_16	0.56	59.43	7.00	8.9160	100y_103.5mm	J71
S2_18	0.15	61.44	7.00	12.0000	100y_103.5mm	PDDJ06
S2_19	0.07	60.26	7.00	5.5370	100y_103.5mm	PDDJ04
S2_20	0.17	94.07	7.00	5.0310	100y_103.5mm	PDDJ05
S2_22	0.07	5.51	7.00	3.1210	100y_103.5mm	J26
S2_24	0.04	2.68	7.00	3.2280	100y_103.5mm	J60
S2_25	0.04	2.76	7.00	6.8230	100y_103.5mm	J59
S2_26	0.03	2.02	7.00	2.5570	100y_103.5mm	J61
S2_30	0.03	74.75	80.00	2.0000	100y_103.5mm	S2_16
S2_31	0.02	43.50	80.00	2.0000	100y_103.5mm	S2_16
S2_32	0.03	62.75	80.00	2.0000	100y_103.5mm	J46
S2_34	0.02	58.00	80.00	2.0000	100y_103.5mm	J60
S2_35	0.02	61.00	80.00	2.0000	100y_103.5mm	J58
S2_36	0.04	101.75	80.00	10.8580	100y_103.5mm	J68
S2_37	0.02	57.50	80.00	2.0000	100y_103.5mm	25025
S2_38	0.03	73.75	80.00	2.0000	100y_103.5mm	J69
S2_39	0.03	86.50	80.00	2.0000	100y_103.5mm	J67
S2_4	0.02	1.80	80.00	2.0000	100y_103.5mm	J58
S2_40	0.02	46.50	80.00	2.0000	100y_103.5mm	J59
S2_41	0.02	39.25	80.00	2.0000	100y_103.5mm	J61
S20_1	0.60	53.34	100.00	4.7900	100y_103.5mm	J56
S20_10	0.59	52.76	100.00	4.7900	100y_103.5mm	J47
S20_11	0.72	64.74	100.00	4.7900	100y_103.5mm	J51
S20_12	0.04	3.32	80.00	2.0000	100y_103.5mm	J63
S20_13	0.79	70.89	100.00	4.7900	100y_103.5mm	J94
S20_2	0.12	11.11	80.00	4.7900	100y_103.5mm	J50
S20_3	1.02	90.71	100.00	4.7900	100y_103.5mm	SU1
S20_6	0.11	9.56	80.00	4.7900	100y_103.5mm	J54
S20_7	0.15	13.75	100.00	4.7900	100y_103.5mm	J39
S20_8	0.77	68.93	100.00	4.7900	100y_103.5mm	J55
S20_9	0.61	54.20	100.00	4.7900	100y_103.5mm	J48
S22_4	0.03	6.99	80.00	4.0500	100y_103.5mm	J88
S22_5	0.05	9.73	80.00	4.0500	100y_103.5mm	J29
S37_2	1.28	119.80	7.00	6.5590	100y_103.5mm	16017
S56_1	0.29	114.84	7.00	10.3720	100y_103.5mm	PDDJ07
S63_2	0.33	109.50	7.00	2.0000	100y_103.5mm	DDJ07

S63_3	0.39	128.43	7.00	4.7660	100y_103.5mm	DDJ07
S7	0.49	48.42	80.00	4.8080	100y_103.5mm	J52
S8	0.32	29.77	80.00	4.7290	100y_103.5mm	J49
S80_3	0.03	4.55	80.00	2.0000	100y_103.5mm	J34
S88_3	0.06	5.56	80.00	7.4640	100y_103.5mm	J32
S9_1	0.36	120.00	7.00	7.4830	100y_103.5mm	DDJ14
S9_10	0.03	74.00	80.00	2.0000	100y_103.5mm	S9_4
S9_2	0.20	65.77	7.00	2.0000	100y_103.5mm	DDJ12
S9_3	0.25	83.30	7.00	2.0000	100y_103.5mm	DDJ09
S9_4	0.15	51.47	7.00	12.1330	100y_103.5mm	PDDJ08
S9_5	0.28	54.53	7.00	10.0000	100y_103.5mm	PDDJ07
S9_6	0.25	20.08	7.00	8.9110	100y_103.5mm	25010
S9_7	0.14	45.27	7.00	0.2500	100y_103.5mm	PDDJ09
S9_8	0.03	78.00	80.00	2.0000	100y_103.5mm	S9_7
S9_9	0.04	91.25	80.00	2.0000	100y_103.5mm	S9_6
S91_1	0.05	5.23	80.00	5.3300	100y_103.5mm	J31

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
16017	JUNCTION	93.42	2.50	0.0	
16094	JUNCTION	92.18	1.82	0.0	
16130	JUNCTION	93.42	2.00	0.0	
25010	JUNCTION	94.40	3.00	0.0	
25025	JUNCTION	94.64	3.00	0.0	
26419	JUNCTION	94.00	1.22	0.0	
26456	JUNCTION	94.23	0.96	0.0	
26578	JUNCTION	95.36	3.00	0.0	
DDJ01	JUNCTION	100.38	3.00	0.0	
DDJ02	JUNCTION	100.03	0.94	0.0	
DDJ03	JUNCTION	99.92	1.34	0.0	
DDJ04	JUNCTION	99.69	1.35	0.0	
DDJ05	JUNCTION	99.38	1.63	0.0	
DDJ06	JUNCTION	99.22	1.78	0.0	
DDJ07	JUNCTION	98.38	1.36	0.0	
DDJ08	JUNCTION	98.02	1.41	0.0	
DDJ09	JUNCTION	97.85	1.13	0.0	
DDJ10	JUNCTION	97.69	1.08	0.0	
DDJ11	JUNCTION	97.46	1.01	0.0	
DDJ12	JUNCTION	97.28	0.94	0.0	
DDJ13	JUNCTION	97.04	0.83	0.0	
DDJ14	JUNCTION	96.27	2.31	0.0	
J101	JUNCTION	99.06	1.00	0.0	
J117	JUNCTION	100.45	1.00	0.0	
J14	JUNCTION	92.06	1.50	0.0	
J152	JUNCTION	102.59	1.00	0.0	
J160	JUNCTION	103.54	1.00	0.0	
J17	JUNCTION	92.73	1.50	0.0	
J2	JUNCTION	93.50	1.25	0.0	
J24	JUNCTION	96.89	0.30	0.0	
J253	JUNCTION	102.19	1.00	0.0	
J259	JUNCTION	99.32	1.00	0.0	
J26	JUNCTION	97.92	0.56	0.0	
J274	JUNCTION	91.38	1.00	0.0	
J276	JUNCTION	96.26	1.00	0.0	
J28	JUNCTION	100.32	0.69	0.0	
J29	JUNCTION	101.05	0.61	0.0	
J3	JUNCTION	102.30	0.44	0.0	
J30	JUNCTION	101.31	0.76	0.0	
J31	JUNCTION	101.81	0.74	0.0	
J32	JUNCTION	102.07	0.57	0.0	
J33	JUNCTION	94.89	1.00	0.0	
J34	JUNCTION	102.50	3.00	0.0	
J35	JUNCTION	94.77	1.00	0.0	
J36	JUNCTION	94.52	1.43	0.0	
J38	JUNCTION	96.70	1.90	0.0	
J39	JUNCTION	97.52	1.25	0.0	
J43	JUNCTION	94.81	1.00	0.0	
J46	JUNCTION	98.24	0.83	0.0	
J47	JUNCTION	97.20	1.26	0.0	
J48	JUNCTION	98.28	0.82	0.0	
J49	JUNCTION	101.00	1.00	0.0	
J5	JUNCTION	91.80	3.00	0.0	
J50	JUNCTION	98.83	1.17	0.0	
J51	JUNCTION	98.30	1.57	0.0	
J52	JUNCTION	100.00	1.00	0.0	
J53	JUNCTION	97.11	0.42	0.0	
J54	JUNCTION	99.09	1.26	0.0	
J55	JUNCTION	98.63	1.37	0.0	
J56	JUNCTION	97.60	0.94	0.0	

J58	JUNCTION	99.58	1.21	0.0
J59	JUNCTION	99.10	1.11	0.0
J60	JUNCTION	98.51	0.81	0.0
J61	JUNCTION	98.31	0.78	0.0
J62	JUNCTION	102.00	1.38	0.0
J63	JUNCTION	99.60	3.85	0.0
J64	JUNCTION	97.50	1.00	0.0
J65	JUNCTION	99.15	1.13	0.0
J66	JUNCTION	98.40	1.10	0.0
J67	JUNCTION	96.00	2.00	0.0
J68	JUNCTION	94.86	2.14	0.0
J69	JUNCTION	94.64	2.36	0.0
J70	JUNCTION	99.46	1.16	0.0
J71	JUNCTION	98.00	0.47	0.0
J72	JUNCTION	97.56	1.40	0.0
J73	JUNCTION	99.79	1.00	0.0
J8	JUNCTION	90.51	1.00	0.0
J80	JUNCTION	98.08	1.00	0.0
J87	JUNCTION	99.98	1.07	0.0
J88	JUNCTION	101.60	0.85	0.0
J89	JUNCTION	97.65	0.85	0.0
J9	JUNCTION	97.63	1.37	0.0
J90	JUNCTION	102.50	0.30	0.0
J92	JUNCTION	98.28	1.00	0.0
J93	JUNCTION	99.20	1.97	0.0
J94	JUNCTION	97.82	0.66	0.0
PDDJ01	JUNCTION	96.67	0.49	0.0
PDDJ02	JUNCTION	96.64	0.69	0.0
PDDJ03	JUNCTION	96.61	0.99	0.0
PDDJ04	JUNCTION	96.52	1.84	0.0
PDDJ05	JUNCTION	96.30	2.90	0.0
PDDJ06	JUNCTION	96.18	2.87	0.0
PDDJ07	JUNCTION	96.05	0.68	0.0
PDDJ08	JUNCTION	95.50	0.87	0.0
PDDJ09	JUNCTION	95.29	1.05	0.0
PDDJ10	JUNCTION	95.15	1.22	0.0
PDDJ11	JUNCTION	94.30	0.97	0.0
T009007	JUNCTION	100.64	0.00	0.0
T012001	JUNCTION	101.00	0.81	0.0
T013002	JUNCTION	100.64	2.11	0.0
T013003	JUNCTION	100.81	1.83	0.0
T013006	JUNCTION	101.35	1.62	0.0
T013007	JUNCTION	101.66	1.78	0.0
T013012	JUNCTION	103.47	1.78	0.0
T013016	JUNCTION	103.45	1.78	0.0
T013019	JUNCTION	104.45	2.28	0.0
T013020	JUNCTION	104.78	2.80	0.0
T013021	JUNCTION	105.12	2.80	0.0
T013022	JUNCTION	105.45	1.81	0.0
T013023	JUNCTION	105.79	0.97	0.0
T013024	JUNCTION	106.12	1.96	0.0
T013025	JUNCTION	106.29	1.96	0.0
T013031	JUNCTION	107.32	1.76	0.0
T013032	JUNCTION	107.71	1.76	0.0
T013033	JUNCTION	108.26	1.76	0.0
T013037	JUNCTION	108.54	1.76	0.0
T013042	JUNCTION	108.52	1.76	0.0
T013044	JUNCTION	108.53	1.69	0.0
T013045	JUNCTION	108.54	1.69	0.0
T014001	JUNCTION	103.48	1.78	0.0
T015001	JUNCTION	104.54	1.35	0.0
T015003	JUNCTION	106.14	1.35	0.0
T016001	JUNCTION	108.62	1.76	0.0
T016003	JUNCTION	108.77	1.55	0.0
T043003	JUNCTION	101.17	1.83	0.0
OF-A	OUTFALL	91.50	0.70	0.0
OF-B	OUTFALL	93.30	0.70	0.0
OF-C	OUTFALL	94.15	0.60	0.0
OF-EX	OUTFALL	89.62	0.36	0.0
SU1	STORAGE	95.50	3.00	0.0

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
AR02_HDPE450	J61	J46	CONDUIT	15.0	0.4681	0.0100
AR1_HDPE600	25025	J36	CONDUIT	17.3	0.6747	0.0120
C10	J152	J253	CONDUIT	84.4	0.4739	0.0350
C100	J14	J274	CONDUIT	51.1	1.3304	0.0350
C101	J274	J8	CONDUIT	24.2	3.6035	0.0350
C103	J8	OF-EX	CONDUIT	143.4	0.6208	0.0350
C129	J60	J61	CONDUIT	36.5	0.5557	0.0350

C130	J62	J63	CONDUIT	31.7	7.6034	0.0680
C131	J47	SU1	CONDUIT	8.0	5.1568	0.0350
C132_1	J63	J93	CONDUIT	25.2	1.5869	0.0680
C132_2	J93	J65	CONDUIT	12.9	0.3881	0.0680
C133	J65	J66	CONDUIT	33.3	2.2498	0.0680
C134	J66	J67	CONDUIT	66.2	3.6274	0.0680
C135	J67	J68	CONDUIT	56.6	2.0177	0.0680
C136	J68	J69	CONDUIT	54.0	0.4059	0.0680
C137	J69	25025	CONDUIT	34.0	0.0088	0.0680
C1450_1	T015001	T013012	CONDUIT	198.3	0.5395	0.0350
C20	J53	DDJ14	CONDUIT	89.6	0.9375	0.0350
C25_3	J73	J259	CONDUIT	57.6	0.8094	0.0350
C26_1	J90	J3	CONDUIT	28.0	0.7217	0.0680
C26_2	J3	J32	CONDUIT	31.4	0.7197	0.0680
C26_5	J34	J62	CONDUIT	37.1	1.3490	0.0600
C30	J38	J24	CONDUIT	6.1	22.0074	0.0650
C30_3	J24	PDDJ02	CONDUIT	7.3	3.3678	0.0650
C36	J32	J31	CONDUIT	34.6	0.7581	0.0680
C45	J160	J253	CONDUIT	132.0	1.0225	0.0350
C46_1	J31	J88	CONDUIT	33.7	0.6313	0.0680
C46_2	J88	J30	CONDUIT	38.7	0.7461	0.0680
C47	J30	J29	CONDUIT	36.1	0.7142	0.0680
C50	J29	J28	CONDUIT	78.0	0.9316	0.0680
C57	J253	J117	CONDUIT	158.9	1.0950	0.0350
C60	J28	DDJ02	CONDUIT	26.0	1.1304	0.0680
C70	J117	J259	CONDUIT	111.5	1.0136	0.0350
C72	J58	J59	CONDUIT	25.5	1.8684	0.0350
C75	J259	J101	CONDUIT	45.7	0.5694	0.0350
C80	J59	J60	CONDUIT	28.5	2.0776	0.0350
C81	J101	J92	CONDUIT	79.2	0.9847	0.0350
C86	J92	J80	CONDUIT	38.0	0.5257	0.0350
C87	J80	J64	CONDUIT	60.7	0.9559	0.0350
C89	J64	J276	CONDUIT	56.3	2.2037	0.0350
C91	J276	J33	CONDUIT	154.1	0.8892	0.0350
C93	J33	J35	CONDUIT	44.1	0.2719	0.0350
C95	J35	J43	CONDUIT	103.2	-0.0388	0.0350
C96	J43	J17	CONDUIT	109.8	1.8944	0.0350
C99	J17	J14	CONDUIT	56.1	1.1939	0.0350
DDC01	DDJ01	DDJ02	CONDUIT	28.0	1.2461	0.0350
DDC02	DDJ02	DDJ03	CONDUIT	19.4	0.5767	0.0350
DDC03	DDJ03	DDJ04	CONDUIT	61.9	0.3717	0.0350
DDC04	DDJ04	DDJ05	CONDUIT	77.9	0.3903	0.0350
DDC05	DDJ05	DDJ06	CONDUIT	42.2	0.3837	0.0350
DDC06	DDJ06	DDJ07	CONDUIT	127.6	0.6625	0.0350
DDC07	DDJ07	DDJ08	CONDUIT	62.8	0.5602	0.0350
DDC08	DDJ08	DDJ09	CONDUIT	28.0	0.6074	0.0350
DDC09	DDJ09	DDJ10	CONDUIT	30.4	0.5425	0.0350
DDC10	DDJ10	DDJ11	CONDUIT	26.8	0.8441	0.0350
DDC11	DDJ11	DDJ12	CONDUIT	23.8	0.7828	0.0350
DDC12	DDJ12	DDJ13	CONDUIT	24.8	0.9636	0.0350
DDC13	DDJ13	DDJ14	CONDUIT	48.9	1.2055	0.0350
MDC01	J52	J70	CONDUIT	30.4	1.7706	0.0450
MDC02	J70	J54	CONDUIT	21.7	1.7065	0.0450
MDC03_HDPE600	J54	J55	CONDUIT	22.2	2.0628	0.0120
MDC04	J55	J51	CONDUIT	14.2	2.3445	0.0450
MDC05_HDPE900	J51	J39	CONDUIT	50.2	1.5543	0.0120
NDC01	J46	J71	CONDUIT	8.4	2.8347	0.0350
NDC02	J71	J26	CONDUIT	13.0	0.6634	0.0350
NDC03	J26	J94	CONDUIT	18.8	0.5118	0.0450
NDC04	J94	J89	CONDUIT	33.2	0.5153	0.0450
NDC05	J89	J56	CONDUIT	14.8	0.3371	0.0450
NDC06	J56	J39	CONDUIT	34.5	0.2319	0.0450
NDC07	J39	J47	CONDUIT	43.9	0.7216	0.0450
NDC08	J72	J47	CONDUIT	15.8	2.2581	0.0450
NDC09_HDPE600	J9	J72	CONDUIT	15.8	0.4239	0.0120
NDC10	J48	J9	CONDUIT	30.4	2.1489	0.0450
OFA_CC700	J5	OF-A	CONDUIT	24.5	1.2269	0.0160
OFB_CC700	16130	OF-B	CONDUIT	14.1	0.8597	0.0160
OFC_CC600	26456	OF-C	CONDUIT	18.5	0.4320	0.0160
PD_IS_HDPE300	SU1	J38	CONDUIT	10.0	-8.0358	0.0190
PDDC01	PDDJ01	PDDJ02	CONDUIT	6.2	0.4063	0.0350
PDDC02	PDDJ02	PDDJ03	CONDUIT	11.6	0.3108	0.0350
PDDC03	PDDJ03	PDDJ04	CONDUIT	23.5	0.3739	0.0350
PDDC04	PDDJ04	PDDJ05	CONDUIT	61.2	0.3610	0.0350
PDDC05	PDDJ05	PDDJ06	CONDUIT	40.2	0.2960	0.0350
PDDC06	PDDJ06	PDDJ07	CONDUIT	54.3	0.2411	0.0350
PDDC07	PDDJ07	PDDJ08	CONDUIT	38.4	1.4338	0.0350
PDDC08	PDDJ08	PDDJ09	CONDUIT	38.2	0.5552	0.0350
PDDC09	PDDJ09	PDDJ10	CONDUIT	25.3	0.5379	0.0350
PDDC10	PDDJ10	PDDJ11	CONDUIT	32.9	2.5936	0.0350
PUB_rd_DC01	26578	25025	CONDUIT	78.4	0.9229	0.0350
PUB_rd_DC02	J36	25010	CONDUIT	21.2	0.5671	0.0350
PUB_rd_DC03	25010	PDDJ11	CONDUIT	20.0	0.5005	0.0350
PUB_rd_DC04	PDDJ11	26456	CONDUIT	24.8	0.2823	0.0350

PUB_rd_DC05	26419	16017	CONDUIT	46.7	1.2295	0.0350
PUB_rd_DC06	16017	16130	CONDUIT	71.4	0.0056	0.0350
PUB_rd_DC07	J2	16130	CONDUIT	79.3	0.0996	0.0350
PUB_rd_DC08	16094	J5	CONDUIT	134.3	0.2800	0.0350
SDC01	J49	J87	CONDUIT	33.1	3.0879	0.0450
SDC02	J87	J50	CONDUIT	46.3	2.4850	0.0450
SDC03	J50	J51	CONDUIT	17.9	2.9541	0.0450
SMC14	DDJ14	16130	CONDUIT	259.5	1.0978	0.0350
U012001	T012001	DDJ03	CONDUIT	65.5	1.6540	0.0350
U013002	T013002	DDJ01	CONDUIT	33.8	0.7672	0.0350
U013003	T013003	T013002	CONDUIT	22.4	0.7941	0.0350
U013004	T043003	T013003	CONDUIT	43.7	0.8177	0.0350
U013006_2	T013006	T043003	CONDUIT	5.7	3.1238	0.0350
U013007	T013007	T013006	CONDUIT	36.6	0.8478	0.0350
U013008	T013012	T013007	CONDUIT	125.0	1.4481	0.0350
U013015	T013016	T013012	CONDUIT	57.1	-0.0350	0.0350
U013019	T013019	T013016	CONDUIT	28.3	3.5419	0.0350
U013020	T013020	T013019	CONDUIT	23.0	1.4552	0.0350
U013021	T013021	T013020	CONDUIT	23.2	1.4391	0.0350
U013022	T013022	T013021	CONDUIT	53.4	0.6253	0.0350
U013023	T013023	T013022	CONDUIT	42.9	0.7765	0.0350
U013024	T013024	T013023	CONDUIT	28.5	1.1722	0.0350
U013025	T013025	T013024	CONDUIT	94.1	0.1817	0.0350
U013026	T013031	T013025	CONDUIT	95.9	1.0726	0.0350
U013032	T013032	T013031	CONDUIT	140.8	0.2771	0.0350
U013033	T013033	T013032	CONDUIT	117.1	0.4695	0.0350
U013034	T013037	T013033	CONDUIT	154.0	0.1818	0.0350
U013038	T013042	T013037	CONDUIT	63.3	-0.0316	0.0350
U013044	T013044	T013042	CONDUIT	91.4	0.0109	0.0350
U013045	T013045	T013044	CONDUIT	49.4	0.0202	0.0350
U014001	T014001	T013012	CONDUIT	20.8	0.0482	0.0350
U015002	T015003	T015001	CONDUIT	278.1	0.5752	0.0350
U016001	T016001	T013037	CONDUIT	114.9	0.0670	0.0350
U016002	T016003	T016001	CONDUIT	52.3	0.2928	0.0350
OR1	J38	PDDJ01	ORIFICE			

Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
AR02_HDPE450	CIRCULAR	0.45	0.16	0.11	0.45	1	0.25
AR1_HDPE600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.55
C10	TRAPEZOIDAL	0.60	1.92	0.41	4.40	1	2.08
C100	A100	0.71	6.52	0.35	18.54	1	10.64
C101	A101	0.84	7.08	0.37	18.97	1	19.75
C103	A103	0.36	2.17	0.16	13.16	1	1.47
C129	TRAPEZOIDAL	0.49	0.98	0.31	2.98	1	0.95
C130	TRAPEZOIDAL	1.38	5.19	0.72	6.52	1	16.96
C131	TRAPEZOIDAL	1.26	3.79	0.62	5.53	1	17.85
C132_1	TRAPEZOIDAL	1.97	9.71	0.99	8.87	1	17.87
C132_2	TRAPEZOIDAL	1.13	3.68	0.61	5.52	1	2.42
C133	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	4.43
C134	TRAPEZOIDAL	0.84	2.24	0.47	4.35	1	3.80
C135	TRAPEZOIDAL	0.97	2.85	0.53	4.88	1	3.92
C136	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	1.88
C137	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	0.28
C1450_1	T-C1450_1	0.72	48.96	0.45	109.00	1	60.06
C20	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1	0.82
C25_3	A25	0.16	0.78	0.08	9.50	1	0.38
C26_1	TRAPEZOIDAL	0.30	0.48	0.20	2.20	1	0.21
C26_2	TRAPEZOIDAL	0.30	0.48	0.20	2.20	1	0.21
C26_5	TRAPEZOIDAL	0.73	1.78	0.42	3.90	1	1.93
C30	RECT_OPEN	0.30	0.60	0.23	2.00	1	1.63
C30_3	TRAPEZOIDAL	0.30	0.87	0.22	3.80	1	0.90
C36	TRAPEZOIDAL	0.45	0.87	0.29	2.82	1	0.48
C45	TRAPEZOIDAL	0.60	1.92	0.41	4.40	1	3.06
C46_1	TRAPEZOIDAL	0.55	1.16	0.33	3.20	1	0.65
C46_2	TRAPEZOIDAL	0.69	1.63	0.40	3.74	1	1.12
C47	TRAPEZOIDAL	0.61	1.35	0.36	3.44	1	0.86
C50	TRAPEZOIDAL	0.60	1.32	0.36	3.40	1	0.95
C57	A57	0.25	1.13	0.15	7.56	1	0.94
C60	TRAPEZOIDAL	0.69	2.99	0.49	5.74	1	2.92
C70	A70	0.95	25.32	0.62	40.00	1	52.78
C72	TRAPEZOIDAL	0.99	2.93	0.54	4.94	1	7.61
C75	TRAPEZOIDAL	1.00	4.00	0.62	6.00	1	6.26
C80	TRAPEZOIDAL	0.72	1.75	0.42	3.88	1	4.02
C81	A81	0.13	0.54	0.07	8.04	1	0.25
C86	TRAPEZOIDAL	1.00	4.00	0.62	6.00	1	6.01
C87	A87	0.60	5.37	0.36	14.68	1	7.64
C89	A89	0.68	5.95	0.38	15.45	1	13.32
C91	A91	0.83	4.29	0.43	9.35	1	6.54

C93	A93	0.74	4.44	0.28	16.58	1	2.84
C95	A95	0.60	3.11	0.23	13.46	1	0.65
C96	A96	1.00	11.25	0.62	17.88	1	32.28
C99	A99	1.02	10.34	0.56	18.28	1	21.92
DDC01	TRAPEZOIDAL	0.70	2.89	0.45	6.22	1	5.41
DDC02	TRAPEZOIDAL	0.84	3.83	0.52	7.06	1	5.38
DDC03	TRAPEZOIDAL	1.34	9.37	0.82	11.02	1	14.29
DDC04	TRAPEZOIDAL	1.29	8.86	0.79	10.74	1	13.57
DDC05	TRAPEZOIDAL	1.32	9.21	0.81	10.93	1	14.17
DDC06	TRAPEZOIDAL	1.33	9.32	0.82	10.99	1	18.92
DDC07	TRAPEZOIDAL	1.36	9.67	0.83	11.18	1	18.30
DDC08	TRAPEZOIDAL	1.13	7.21	0.71	9.77	1	12.79
DDC09	TRAPEZOIDAL	1.08	6.76	0.69	9.49	1	11.07
DDC10	TRAPEZOIDAL	0.99	5.88	0.64	8.92	1	11.43
DDC11	TRAPEZOIDAL	0.84	4.60	0.56	8.02	1	7.87
DDC12	TRAPEZOIDAL	0.79	3.43	0.49	6.72	1	5.98
DDC13	TRAPEZOIDAL	0.81	4.39	0.54	7.85	1	9.15
MDC01	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	5.94
MDC02	TRAPEZOIDAL	0.98	2.90	0.54	4.92	1	5.56
MDC03_HDPE600	CIRCULAR	0.75	0.44	0.19	0.75	1	1.73
MDC04	TRAPEZOIDAL	1.37	6.46	0.80	7.46	1	18.91
MDC05_HDPE900	CIRCULAR	0.90	0.64	0.23	0.90	1	2.45
NDC01	TRAPEZOIDAL	0.47	0.92	0.29	2.89	1	1.96
NDC02	TRAPEZOIDAL	0.47	0.92	0.29	2.89	1	0.95
NDC03	TRAPEZOIDAL	0.56	1.17	0.34	3.22	1	0.90
NDC04	TRAPEZOIDAL	0.66	1.55	0.39	3.66	1	1.32
NDC05	TRAPEZOIDAL	0.85	3.99	0.59	6.40	1	3.62
NDC06	TRAPEZOIDAL	0.85	2.30	0.48	4.40	1	1.51
NDC07	TRAPEZOIDAL	1.25	4.35	0.66	5.98	1	6.23
NDC08	TRAPEZOIDAL	1.26	4.42	0.67	6.03	1	11.26
NDC09_HDPE600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.43
NDC10	TRAPEZOIDAL	0.82	2.17	0.46	4.28	1	4.24
OFA_CC700	CIRCULAR	0.70	0.38	0.17	0.70	1	0.83
OFB_CC700	CIRCULAR	0.70	0.38	0.17	0.70	1	0.70
OFC_CC600	CIRCULAR	0.60	0.28	0.15	0.60	1	0.33
PD_IS_HDPE300	CIRCULAR	0.30	0.07	0.07	0.30	1	0.19
PDDC01	TRAPEZOIDAL	0.49	0.73	0.27	2.46	1	0.55
PDDC02	TRAPEZOIDAL	0.57	0.93	0.31	2.78	1	0.68
PDDC03	TRAPEZOIDAL	0.86	1.90	0.44	3.93	1	1.92
PDDC04	TRAPEZOIDAL	1.62	6.07	0.78	6.98	1	8.85
PDDC05	TRAPEZOIDAL	1.61	6.00	0.78	6.94	1	7.89
PDDC06	TRAPEZOIDAL	0.68	1.27	0.36	3.23	1	0.90
PDDC07	TRAPEZOIDAL	0.60	1.02	0.32	2.90	1	1.63
PDDC08	TRAPEZOIDAL	0.80	1.68	0.41	3.70	1	1.98
PDDC09	TRAPEZOIDAL	0.80	1.68	0.41	3.70	1	1.95
PDDC10	TRAPEZOIDAL	0.80	1.68	0.41	3.70	1	4.28
PUB_rd_DC01	T-C61	1.40	31.09	1.06	28.33	1	88.90
PUB_rd_DC02	T-C71	0.39	4.46	0.17	26.00	1	2.95
PUB_rd_DC03	T-C74	0.96	12.73	0.52	24.00	1	16.72
PUB_rd_DC04	T-C76	0.89	9.82	0.54	18.00	1	9.88
PUB_rd_DC05	T-C84	0.77	30.99	0.57	54.00	1	67.19
PUB_rd_DC06	T-C97	1.77	85.87	0.94	89.98	1	17.67
PUB_rd_DC07	T-C1	1.19	26.94	0.97	27.26	1	23.83
PUB_rd_DC08	T-C8	1.38	56.32	0.90	62.00	1	79.31
SDC01	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	7.85
SDC02	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	7.04
SDC03	TRAPEZOIDAL	1.17	5.08	0.70	6.68	1	15.32
SMC14	T-SMC14	0.69	5.14	0.41	12.33	1	8.50
U012001	T-U012001	0.81	26.73	0.39	68.28	1	52.42
U013002	321	2.11	236.17	1.27	184.00	1	694.43
U013003	320	1.62	149.95	0.78	199.32	1	322.26
U013004	319	1.83	119.20	0.94	126.00	1	295.49
U013006_2	320	1.62	149.95	0.78	199.32	1	639.17
U013007	320	1.62	149.95	0.78	199.32	1	332.98
U013008	311	1.78	234.40	1.06	220.01	1	836.66
U013015	304	1.78	234.40	1.06	220.01	1	130.08
U013019	301	1.35	173.02	0.99	173.00	1	925.47
U013020	300	2.28	281.58	1.39	200.35	1	1207.68
U013021	299	2.80	352.47	1.56	223.17	1	1627.10
U013022	297	1.81	249.24	1.08	228.85	1	592.24
U013023	295	0.97	74.28	0.49	151.00	1	116.20
U013024	295	0.97	74.28	0.49	151.00	1	142.76
U013025	288	1.96	244.18	1.27	191.00	1	348.79
U013026	287	1.76	182.44	1.04	174.00	1	554.91
U013032	287	1.76	182.44	1.04	174.00	1	282.04
U013033	257	1.76	197.17	1.53	129.00	1	512.48
U013034	257	1.76	197.17	1.53	129.00	1	318.92
U013038	257	1.76	197.17	1.53	129.00	1	132.94
U013044	248	1.69	187.98	1.05	177.16	1	58.19
U013045	248	1.69	187.98	1.05	177.16	1	79.15
U014001	304	1.78	234.40	1.06	220.01	1	152.58
U015002	293	1.35	173.02	0.99	173.00	1	372.97
U016001	257	1.76	197.17	1.53	129.00	1	193.61
U016002	261	1.55	116.51	1.32	87.00	1	216.45

Transect Summary

Transect 248

Area:	0.0012	0.0050	0.0106	0.0178	0.0259
	0.0340	0.0429	0.0542	0.0667	0.0796
	0.0931	0.1071	0.1213	0.1358	0.1505
	0.1653	0.1805	0.1959	0.2117	0.2280
	0.2450	0.2628	0.2814	0.3011	0.3217
	0.3427	0.3643	0.3862	0.4085	0.4313
	0.4544	0.4779	0.5019	0.5264	0.5514
	0.5777	0.6051	0.6334	0.6623	0.6915
	0.7212	0.7514	0.7817	0.8122	0.8430
	0.8740	0.9053	0.9367	0.9683	1.0000
Hrad:	0.0147	0.0360	0.0555	0.0720	0.1021
	0.1321	0.1589	0.1781	0.1982	0.2216
	0.2454	0.2692	0.2933	0.3185	0.3437
	0.3688	0.3925	0.4125	0.4361	0.4582
	0.4791	0.4996	0.5155	0.5068	0.5203
	0.5389	0.5419	0.5629	0.5886	0.6148
	0.6408	0.6633	0.6801	0.7022	0.7193
	0.7297	0.7480	0.7373	0.7611	0.7846
	0.7929	0.8217	0.8502	0.8783	0.9060
	0.9332	0.9215	0.9501	0.9783	1.0000
Width:	0.0896	0.1428	0.2058	0.2484	0.2537
	0.2600	0.3086	0.3782	0.4019	0.4134
	0.4288	0.4432	0.4496	0.4564	0.4630
	0.4698	0.4780	0.4903	0.4994	0.5213
	0.5446	0.5717	0.5967	0.6361	0.6522
	0.6688	0.6790	0.6951	0.7034	0.7191
	0.7301	0.7426	0.7603	0.7731	0.8026
	0.8412	0.8758	0.8973	0.9097	0.9217
	0.9413	0.9473	0.9533	0.9597	0.9668
	0.9755	0.9824	0.9859	0.9897	1.0000

Transect 257

Area:	0.0009	0.0043	0.0155	0.0326	0.0513
	0.0705	0.0900	0.1096	0.1293	0.1491
	0.1689	0.1889	0.2089	0.2290	0.2493
	0.2695	0.2899	0.3103	0.3308	0.3515
	0.3722	0.3930	0.4139	0.4349	0.4559
	0.4771	0.4983	0.5195	0.5408	0.5622
	0.5836	0.6050	0.6265	0.6481	0.6696
	0.6913	0.7129	0.7346	0.7564	0.7782
	0.8000	0.8219	0.8439	0.8659	0.8880
	0.9101	0.9323	0.9546	0.9772	1.0000
Hrad:	0.0127	0.0220	0.0268	0.0418	0.0625
	0.0832	0.1057	0.1281	0.1504	0.1726
	0.1947	0.2166	0.2384	0.2604	0.2824
	0.3042	0.3258	0.3473	0.3687	0.3899
	0.4110	0.4319	0.4528	0.4740	0.4951
	0.5162	0.5378	0.5594	0.5809	0.6024
	0.6239	0.6453	0.6669	0.6884	0.7098
	0.7312	0.7526	0.7739	0.7952	0.8162
	0.8371	0.8578	0.8785	0.8991	0.9196
	0.9389	0.9582	0.9758	0.9856	1.0000
Width:	0.0755	0.2466	0.6479	0.7914	0.8230
	0.8434	0.8478	0.8515	0.8552	0.8589
	0.8629	0.8673	0.8717	0.8749	0.8776
	0.8811	0.8847	0.8883	0.8922	0.8961
	0.9002	0.9045	0.9086	0.9119	0.9153
	0.9186	0.9207	0.9228	0.9250	0.9271
	0.9293	0.9313	0.9332	0.9351	0.9369
	0.9388	0.9406	0.9425	0.9443	0.9465
	0.9487	0.9511	0.9534	0.9558	0.9583
	0.9619	0.9656	0.9708	0.9839	1.0000

Transect 261

Area:	0.0008	0.0049	0.0157	0.0315	0.0488
	0.0664	0.0840	0.1018	0.1196	0.1376
	0.1558	0.1743	0.1935	0.2136	0.2338
	0.2541	0.2745	0.2950	0.3157	0.3366
	0.3578	0.3791	0.4005	0.4221	0.4436
	0.4652	0.4869	0.5086	0.5303	0.5521

Hrad:	0.5739	0.5958	0.6178	0.6398	0.6619
	0.6840	0.7062	0.7284	0.7507	0.7731
	0.7955	0.8179	0.8404	0.8630	0.8857
	0.9084	0.9311	0.9540	0.9769	1.0000
Width:	0.0094	0.0196	0.0284	0.0442	0.0654
	0.0881	0.1110	0.1338	0.1564	0.1789
	0.2007	0.2219	0.2336	0.2478	0.2699
	0.2919	0.3136	0.3352	0.3555	0.3749
	0.3926	0.4141	0.4355	0.4573	0.4795
	0.5017	0.5238	0.5458	0.5678	0.5896
	0.6110	0.6322	0.6534	0.6745	0.6959
	0.7172	0.7385	0.7597	0.7809	0.8018
	0.8225	0.8432	0.8638	0.8843	0.9045
	0.9247	0.9447	0.9641	0.9821	1.0000
Transect 287 Area:	0.1045	0.3072	0.6073	0.7380	0.7556
	0.7620	0.7661	0.7701	0.7741	0.7816
	0.7945	0.8097	0.8553	0.8719	0.8762
	0.8805	0.8852	0.8902	0.8979	0.9077
	0.9213	0.9251	0.9289	0.9319	0.9337
	0.9356	0.9374	0.9392	0.9411	0.9431
	0.9458	0.9486	0.9513	0.9540	0.9562
	0.9584	0.9606	0.9628	0.9650	0.9675
	0.9701	0.9727	0.9752	0.9779	0.9808
	0.9837	0.9866	0.9901	0.9951	1.0000
Hrad:	0.0007	0.0025	0.0050	0.0094	0.0150
	0.0223	0.0312	0.0412	0.0518	0.0631
	0.0748	0.0868	0.0993	0.1126	0.1265
	0.1407	0.1560	0.1732	0.1910	0.2097
	0.2296	0.2501	0.2709	0.2923	0.3143
	0.3369	0.3597	0.3827	0.4060	0.4294
	0.4533	0.4776	0.5023	0.5272	0.5524
	0.5781	0.6048	0.6325	0.6611	0.6903
	0.7198	0.7496	0.7796	0.8100	0.8406
	0.8715	0.9028	0.9344	0.9669	1.0000
Width:	0.0174	0.0403	0.0624	0.0700	0.0863
	0.1043	0.1231	0.1412	0.1615	0.1871
	0.2153	0.2428	0.2691	0.2752	0.3036
	0.3286	0.3363	0.3340	0.3621	0.3777
	0.3923	0.4087	0.4310	0.4572	0.4820
	0.4972	0.5269	0.5566	0.5871	0.6174
	0.6471	0.6655	0.6946	0.7232	0.7508
	0.7776	0.8016	0.7850	0.7803	0.8050
	0.8333	0.8613	0.8893	0.8900	0.9189
	0.9497	0.9802	0.9925	0.9932	1.0000
Transect 288 Area:	0.0388	0.0622	0.1001	0.1472	0.1932
	0.2439	0.2840	0.3062	0.3277	0.3432
	0.3525	0.3629	0.3840	0.4107	0.4181
	0.4292	0.4928	0.5252	0.5392	0.5788
	0.6051	0.6133	0.6294	0.6481	0.6639
	0.6780	0.6829	0.6894	0.6960	0.7026
	0.7203	0.7310	0.7387	0.7463	0.7564
	0.7833	0.8082	0.8416	0.8655	0.8768
	0.8839	0.8911	0.9005	0.9100	0.9179
	0.9267	0.9355	0.9539	0.9783	1.0000
Hrad:	0.0010	0.0041	0.0080	0.0120	0.0166
	0.0221	0.0281	0.0356	0.0450	0.0559
	0.0679	0.0809	0.0946	0.1096	0.1256
	0.1424	0.1601	0.1785	0.1973	0.2166
	0.2362	0.2562	0.2767	0.2976	0.3190
	0.3408	0.3630	0.3854	0.4081	0.4313
	0.4551	0.4794	0.5046	0.5303	0.5570
	0.5842	0.6121	0.6408	0.6699	0.6991
	0.7284	0.7581	0.7882	0.8183	0.8485
	0.8787	0.9089	0.9392	0.9695	1.0000
Width:	0.0152	0.0357	0.0624	0.0906	0.1150
	0.1343	0.1474	0.1574	0.1727	0.1854
	0.1964	0.2125	0.2323	0.2523	0.2716
	0.2912	0.3094	0.3223	0.3397	0.3603
	0.3816	0.4027	0.4234	0.4433	0.4642
	0.4773	0.5019	0.5261	0.5490	0.5716
	0.5843	0.6050	0.6063	0.6281	0.6415
	0.6642	0.6855	0.7086	0.7021	0.7300
	0.7578	0.7764	0.8003	0.8300	0.8597

	0.8893	0.9189	0.9476	0.9756	1.0000
Width:	0.0712	0.1182	0.1278	0.1435	0.1608
	0.1880	0.2146	0.2825	0.3407	0.3743
	0.4091	0.4352	0.4718	0.5087	0.5359
	0.5661	0.5886	0.6099	0.6231	0.6356
	0.6484	0.6618	0.6765	0.6914	0.7048
	0.7199	0.7286	0.7376	0.7480	0.7684
	0.7854	0.8099	0.8356	0.8533	0.8810
	0.8972	0.9292	0.9437	0.9542	0.9578
	0.9614	0.9781	0.9849	0.9860	0.9870
	0.9881	0.9891	0.9911	0.9938	1.0000

Transect 293

Area:	0.0002	0.0017	0.0076	0.0180	0.0315
	0.0464	0.0618	0.0777	0.0941	0.1106
	0.1274	0.1444	0.1616	0.1788	0.1961
	0.2134	0.2308	0.2482	0.2657	0.2835
	0.3019	0.3211	0.3410	0.3615	0.3822
	0.4035	0.4256	0.4481	0.4709	0.4941
	0.5176	0.5414	0.5655	0.5897	0.6140
	0.6384	0.6629	0.6876	0.7125	0.7379
	0.7633	0.7888	0.8144	0.8401	0.8661
	0.8925	0.9193	0.9461	0.9730	1.0000

Hrad:	0.0122	0.0174	0.0286	0.0426	0.0596
	0.0841	0.1083	0.1314	0.1552	0.1800
	0.2047	0.2290	0.2554	0.2816	0.3078
	0.3339	0.3599	0.3859	0.4116	0.4365
	0.4603	0.4522	0.4721	0.4782	0.4958
	0.5115	0.5194	0.5446	0.5692	0.5932
	0.5929	0.6124	0.6356	0.6601	0.6832
	0.7072	0.7314	0.7553	0.7635	0.7873
	0.8113	0.8358	0.8602	0.8838	0.9065
	0.9044	0.9287	0.9532	0.9771	1.0000

Width:	0.0201	0.1337	0.2971	0.4551	0.5431
	0.5612	0.5780	0.5961	0.6082	0.6168
	0.6247	0.6328	0.6349	0.6370	0.6391
	0.6411	0.6430	0.6450	0.6525	0.6634
	0.6964	0.7225	0.7489	0.7581	0.7730
	0.8025	0.8218	0.8377	0.8487	0.8649
	0.8755	0.8866	0.8920	0.8954	0.9007
	0.9046	0.9081	0.9118	0.9347	0.9386
	0.9420	0.9449	0.9477	0.9514	0.9687
	0.9875	0.9903	0.9928	0.9960	1.0000

Transect 295

Area:	0.0003	0.0010	0.0019	0.0030	0.0042
	0.0056	0.0069	0.0084	0.0100	0.0117
	0.0135	0.0155	0.0190	0.0252	0.0351
	0.0484	0.0646	0.0820	0.1003	0.1191
	0.1385	0.1583	0.1787	0.1995	0.2207
	0.2424	0.2646	0.2869	0.3101	0.3335
	0.3572	0.3810	0.4053	0.4311	0.4591
	0.4887	0.5195	0.5513	0.5851	0.6198
	0.6554	0.6919	0.7293	0.7673	0.8055
	0.8439	0.8826	0.9215	0.9606	1.0000

Hrad:	0.0211	0.0474	0.0750	0.1022	0.1327
	0.1618	0.1896	0.2165	0.2421	0.2666
	0.2906	0.3103	0.3012	0.2603	0.2014
	0.1965	0.2057	0.2230	0.2483	0.2749
	0.3032	0.3311	0.3443	0.3772	0.4068
	0.4361	0.4694	0.5028	0.5239	0.5590
	0.5943	0.6263	0.6511	0.6805	0.6970
	0.7239	0.7510	0.7757	0.7070	0.7411
	0.7726	0.8025	0.7645	0.7946	0.8302
	0.8655	0.8985	0.9321	0.9655	1.0000

Width:	0.0138	0.0211	0.0257	0.0296	0.0319
	0.0343	0.0366	0.0389	0.0413	0.0438
	0.0463	0.0592	0.1186	0.1969	0.3025
	0.3850	0.4315	0.4577	0.4699	0.4830
	0.4954	0.5102	0.5230	0.5313	0.5434
	0.5560	0.5635	0.5706	0.5917	0.5966
	0.6009	0.6083	0.6272	0.6747	0.7351
	0.7626	0.7934	0.8281	0.8739	0.8887
	0.9079	0.9393	0.9541	0.9657	0.9703
	0.9751	0.9822	0.9885	0.9949	1.0000

Transect 297

Area:	0.0003	0.0012	0.0025	0.0040	0.0056
	0.0084	0.0120	0.0159	0.0200	0.0249
	0.0313	0.0386	0.0469	0.0565	0.0668
	0.0778	0.0900	0.1032	0.1195	0.1387
	0.1595	0.1808	0.2027	0.2253	0.2481
	0.2714	0.2950	0.3189	0.3435	0.3692
	0.3961	0.4243	0.4536	0.4832	0.5135
	0.5445	0.5759	0.6077	0.6400	0.6723
	0.7046	0.7371	0.7697	0.8025	0.8353
	0.8682	0.9010	0.9340	0.9670	1.0000
Hrad:	0.0210	0.0338	0.0615	0.0872	0.1125
	0.0821	0.1107	0.1387	0.1656	0.1848
	0.1868	0.2053	0.2169	0.2088	0.2319
	0.2502	0.2638	0.2868	0.3016	0.3125
	0.3199	0.3376	0.3557	0.3394	0.3683
	0.3942	0.4227	0.4496	0.4683	0.4932
	0.5153	0.5361	0.5195	0.5481	0.5728
	0.5993	0.6271	0.6498	0.6594	0.6909
	0.7226	0.7542	0.7812	0.8128	0.8449
	0.8770	0.9091	0.9407	0.9721	1.0000
Width:	0.0130	0.0367	0.0414	0.0458	0.0582
	0.1068	0.1141	0.1201	0.1271	0.1706
	0.2122	0.2290	0.2743	0.3010	0.3178
	0.3550	0.3772	0.4301	0.5442	0.6067
	0.6343	0.6511	0.6704	0.6844	0.6929
	0.7066	0.7157	0.7272	0.7583	0.7983
	0.8248	0.8727	0.8866	0.9028	0.9286
	0.9365	0.9548	0.9672	0.9722	0.9745
	0.9765	0.9784	0.9865	0.9883	0.9894
	0.9905	0.9916	0.9931	0.9948	1.0000
Transect 299					
Area:	0.0012	0.0034	0.0066	0.0105	0.0152
	0.0213	0.0281	0.0355	0.0439	0.0533
	0.0647	0.0768	0.0897	0.1033	0.1182
	0.1342	0.1506	0.1678	0.1853	0.2031
	0.2211	0.2392	0.2578	0.2769	0.2961
	0.3155	0.3352	0.3552	0.3764	0.3984
	0.4209	0.4439	0.4675	0.4916	0.5163
	0.5415	0.5678	0.5961	0.6271	0.6596
	0.6925	0.7257	0.7592	0.7930	0.8271
	0.8615	0.8959	0.9304	0.9650	1.0000
Hrad:	0.0242	0.0503	0.0648	0.0936	0.1047
	0.1163	0.1443	0.1697	0.1867	0.1934
	0.1940	0.2191	0.2371	0.2672	0.2672
	0.2946	0.3210	0.3428	0.3737	0.4051
	0.4362	0.4670	0.4970	0.5137	0.5459
	0.5756	0.6023	0.6299	0.6304	0.6575
	0.6840	0.7094	0.7310	0.7536	0.7783
	0.8023	0.8189	0.8270	0.7493	0.7678
	0.7962	0.8250	0.8540	0.8295	0.8543
	0.8870	0.9207	0.9545	0.9882	1.0000
Width:	0.0555	0.0731	0.1023	0.1203	0.1465
	0.1846	0.2006	0.2183	0.2488	0.2908
	0.3354	0.3527	0.3805	0.3890	0.4448
	0.4581	0.4719	0.4924	0.4989	0.5043
	0.5097	0.5160	0.5317	0.5420	0.5455
	0.5512	0.5597	0.5715	0.6152	0.6280
	0.6421	0.6562	0.6732	0.6900	0.7031
	0.7240	0.7646	0.8355	0.9069	0.9248
	0.9340	0.9416	0.9482	0.9573	0.9693
	0.9721	0.9737	0.9752	0.9787	1.0000
Transect 300					
Area:	0.0002	0.0016	0.0049	0.0095	0.0159
	0.0235	0.0316	0.0402	0.0492	0.0594
	0.0709	0.0849	0.0998	0.1151	0.1306
	0.1464	0.1626	0.1791	0.1963	0.2145
	0.2332	0.2525	0.2725	0.2931	0.3149
	0.3386	0.3632	0.3885	0.4140	0.4399
	0.4661	0.4924	0.5190	0.5456	0.5723
	0.5991	0.6260	0.6532	0.6806	0.7081
	0.7357	0.7633	0.7912	0.8195	0.8480
	0.8769	0.9065	0.9369	0.9680	1.0000
Hrad:	0.0147	0.0234	0.0418	0.0632	0.0735
	0.0960	0.1250	0.1494	0.1752	0.1952

Width:	0.2107	0.2035	0.2149	0.2444	0.2731
	0.2992	0.3241	0.3521	0.3706	0.3960
	0.4204	0.4450	0.4580	0.4832	0.5058
	0.5265	0.5471	0.5680	0.5894	0.6109
	0.5773	0.6054	0.6342	0.6644	0.6951
	0.7257	0.7526	0.7752	0.8046	0.8346
	0.8649	0.8951	0.9235	0.9519	0.9803
	0.9872	0.9783	0.9914	1.0160	1.0000
	0.0188	0.0841	0.1258	0.1720	0.2175
	0.2469	0.2552	0.2710	0.2902	0.3340
Width:	0.4055	0.4463	0.4680	0.4746	0.4818
	0.4931	0.5056	0.5161	0.5487	0.5680
	0.5868	0.6042	0.6281	0.6434	0.7090
	0.7494	0.7699	0.7843	0.7929	0.8031
	0.8103	0.8161	0.8208	0.8235	0.8255
	0.8274	0.8335	0.8442	0.8472	0.8496
	0.8516	0.8542	0.8671	0.8754	0.8829
	0.9011	0.9267	0.9470	0.9711	1.0000
Transect 301					
Area:					
	0.0002	0.0017	0.0076	0.0180	0.0315
	0.0464	0.0618	0.0777	0.0941	0.1106
	0.1274	0.1444	0.1616	0.1788	0.1961
	0.2134	0.2308	0.2482	0.2657	0.2835
	0.3019	0.3211	0.3410	0.3615	0.3822
	0.4035	0.4256	0.4481	0.4709	0.4941
	0.5176	0.5414	0.5655	0.5897	0.6140
	0.6384	0.6629	0.6876	0.7125	0.7379
	0.7633	0.7888	0.8144	0.8401	0.8661
	0.8925	0.9193	0.9461	0.9730	1.0000
Hrad:					
	0.0122	0.0174	0.0286	0.0426	0.0596
	0.0841	0.1083	0.1314	0.1552	0.1800
	0.2047	0.2290	0.2554	0.2816	0.3078
	0.3339	0.3599	0.3859	0.4116	0.4365
	0.4603	0.4522	0.4721	0.4782	0.4958
	0.5115	0.5194	0.5446	0.5692	0.5932
	0.5929	0.6124	0.6356	0.6601	0.6832
	0.7072	0.7314	0.7553	0.7635	0.7873
	0.8113	0.8358	0.8602	0.8838	0.9065
	0.9044	0.9287	0.9532	0.9771	1.0000
Width:					
	0.0201	0.1337	0.2971	0.4551	0.5431
	0.5612	0.5780	0.5961	0.6082	0.6168
	0.6247	0.6328	0.6349	0.6370	0.6391
	0.6411	0.6430	0.6450	0.6525	0.6634
	0.6964	0.7225	0.7489	0.7581	0.7730
	0.8025	0.8218	0.8377	0.8487	0.8649
	0.8755	0.8866	0.8920	0.8954	0.9007
	0.9046	0.9081	0.9118	0.9347	0.9386
	0.9420	0.9449	0.9477	0.9514	0.9687
	0.9875	0.9903	0.9928	0.9960	1.0000
Transect 304					
Area:					
	0.0002	0.0013	0.0029	0.0049	0.0072
	0.0100	0.0131	0.0167	0.0209	0.0261
	0.0327	0.0401	0.0483	0.0577	0.0681
	0.0797	0.0920	0.1048	0.1185	0.1340
	0.1515	0.1710	0.1921	0.2151	0.2395
	0.2644	0.2898	0.3163	0.3438	0.3721
	0.4009	0.4303	0.4603	0.4905	0.5209
	0.5515	0.5825	0.6136	0.6449	0.6763
	0.7079	0.7396	0.7716	0.8036	0.8359
	0.8683	0.9009	0.9338	0.9668	1.0000
Hrad:					
	0.0134	0.0290	0.0533	0.0776	0.0918
	0.1125	0.1349	0.1442	0.1657	0.1587
	0.1521	0.1791	0.2024	0.2036	0.2252
	0.2475	0.2700	0.2807	0.3006	0.3202
	0.3352	0.3479	0.3618	0.3295	0.3253
	0.3553	0.3835	0.4081	0.4328	0.4586
	0.4601	0.4883	0.5113	0.5412	0.5716
	0.5975	0.6273	0.6581	0.6883	0.7178
	0.7467	0.7756	0.8058	0.8349	0.8635
	0.8927	0.9192	0.9462	0.9755	1.0000
Width:					
	0.0185	0.0446	0.0548	0.0631	0.0784
	0.0891	0.0975	0.1163	0.1360	0.1732
	0.2156	0.2243	0.2644	0.2941	0.3339
	0.3574	0.3747	0.3932	0.4417	0.4959
	0.5548	0.6122	0.6577	0.7166	0.7384

	0.7542	0.7712	0.8118	0.8365	0.8536
	0.8737	0.8904	0.9025	0.9085	0.9134
	0.9250	0.9305	0.9342	0.9385	0.9436
	0.9493	0.9548	0.9585	0.9634	0.9688
	0.9732	0.9806	0.9871	0.9912	1.0000
Transect 311					
Area:	0.0002	0.0013	0.0029	0.0049	0.0072
	0.0100	0.0131	0.0167	0.0209	0.0261
	0.0327	0.0401	0.0483	0.0577	0.0681
	0.0797	0.0920	0.1048	0.1185	0.1340
	0.1515	0.1710	0.1921	0.2151	0.2395
	0.2644	0.2898	0.3163	0.3438	0.3721
	0.4009	0.4303	0.4603	0.4905	0.5209
	0.5515	0.5825	0.6136	0.6449	0.6763
	0.7079	0.7396	0.7716	0.8036	0.8359
	0.8683	0.9009	0.9338	0.9668	1.0000
Hrad:	0.0134	0.0290	0.0533	0.0776	0.0918
	0.1125	0.1349	0.1442	0.1657	0.1587
	0.1521	0.1791	0.2024	0.2036	0.2252
	0.2475	0.2700	0.2807	0.3006	0.3202
	0.3352	0.3479	0.3618	0.3295	0.3253
	0.3553	0.3835	0.4081	0.4328	0.4586
	0.4601	0.4883	0.5113	0.5412	0.5716
	0.5975	0.6273	0.6581	0.6883	0.7178
	0.7467	0.7756	0.8058	0.8349	0.8635
	0.8927	0.9192	0.9462	0.9755	1.0000
Width:	0.0185	0.0446	0.0548	0.0631	0.0784
	0.0891	0.0975	0.1163	0.1360	0.1732
	0.2156	0.2243	0.2644	0.2941	0.3339
	0.3574	0.3747	0.3932	0.4417	0.4959
	0.5548	0.6122	0.6577	0.7166	0.7384
	0.7542	0.7712	0.8118	0.8365	0.8536
	0.8737	0.8904	0.9025	0.9085	0.9134
	0.9250	0.9305	0.9342	0.9385	0.9436
	0.9493	0.9548	0.9585	0.9634	0.9688
	0.9732	0.9806	0.9871	0.9912	1.0000
Transect 319					
Area:	0.0012	0.0045	0.0089	0.0142	0.0200
	0.0265	0.0345	0.0436	0.0539	0.0650
	0.0765	0.0885	0.1010	0.1141	0.1278
	0.1418	0.1564	0.1714	0.1868	0.2027
	0.2191	0.2361	0.2535	0.2714	0.2897
	0.3085	0.3278	0.3476	0.3679	0.3893
	0.4124	0.4361	0.4608	0.4862	0.5123
	0.5391	0.5667	0.5951	0.6242	0.6542
	0.6858	0.7185	0.7518	0.7856	0.8198
	0.8544	0.8893	0.9252	0.9621	1.0000
Hrad:	0.0186	0.0448	0.0711	0.0997	0.1271
	0.1351	0.1555	0.1745	0.1941	0.2229
	0.2529	0.2817	0.3046	0.3313	0.3582
	0.3854	0.4116	0.4370	0.4624	0.4868
	0.5113	0.5335	0.5573	0.5806	0.6063
	0.6301	0.6509	0.6737	0.6944	0.6639
	0.6837	0.7004	0.7141	0.7330	0.7507
	0.7718	0.7853	0.8030	0.8234	0.8206
	0.8284	0.8441	0.8703	0.8957	0.9245
	0.9538	0.9838	0.9803	0.9995	1.0000
Width:	0.0645	0.1000	0.1258	0.1424	0.1574
	0.1966	0.2225	0.2508	0.2783	0.2922
	0.3032	0.3148	0.3323	0.3453	0.3574
	0.3688	0.3807	0.3930	0.4048	0.4173
	0.4295	0.4434	0.4557	0.4684	0.4789
	0.4906	0.5046	0.5170	0.5308	0.5875
	0.6044	0.6239	0.6465	0.6646	0.6838
	0.6999	0.7231	0.7427	0.7597	0.7989
	0.8297	0.8530	0.8656	0.8785	0.8880
	0.8967	0.9046	0.9443	0.9628	1.0000
Transect 320					
Area:	0.0007	0.0025	0.0053	0.0086	0.0123
	0.0165	0.0214	0.0268	0.0328	0.0395
	0.0467	0.0546	0.0632	0.0723	0.0817
	0.0913	0.1012	0.1113	0.1218	0.1340
	0.1473	0.1613	0.1766	0.1942	0.2129
	0.2326	0.2531	0.2743	0.2968	0.3206

Hrad:	0.3456	0.3720	0.3991	0.4277	0.4577
	0.4883	0.5195	0.5514	0.5840	0.6174
	0.6515	0.6870	0.7241	0.7620	0.8004
	0.8393	0.8785	0.9181	0.9582	1.0000
	0.0209	0.0430	0.0724	0.1010	0.1301
	0.1533	0.1719	0.1956	0.2171	0.2366
	0.2598	0.2732	0.2956	0.3258	0.3583
	0.3906	0.4217	0.4504	0.4718	0.4310
	0.4482	0.4672	0.4771	0.4546	0.4786
	0.5004	0.5267	0.5544	0.5576	0.5757
	0.5951	0.5776	0.6080	0.6038	0.6298
	0.6586	0.6875	0.7119	0.7396	0.7612
	0.7890	0.7786	0.8059	0.8305	0.8627
	0.8969	0.9295	0.9622	0.9926	1.0000
	0.0304	0.0568	0.0705	0.0821	0.0916
	0.1042	0.1202	0.1325	0.1461	0.1613
Width:	0.1738	0.1930	0.2066	0.2144	0.2203
	0.2258	0.2318	0.2388	0.2495	0.3003
	0.3174	0.3336	0.3890	0.4223	0.4439
	0.4657	0.4834	0.5012	0.5405	0.5675
	0.5938	0.6222	0.6351	0.6843	0.7020
	0.7163	0.7300	0.7482	0.7628	0.7836
	0.7977	0.8524	0.8681	0.8863	0.8963
	0.9040	0.9131	0.9218	0.9433	1.0000
	0.0304	0.0568	0.0705	0.0821	0.0916
	0.1042	0.1202	0.1325	0.1461	0.1613
	0.1738	0.1930	0.2066	0.2144	0.2203
	0.2258	0.2318	0.2388	0.2495	0.3003
	0.3174	0.3336	0.3890	0.4223	0.4439
	0.4657	0.4834	0.5012	0.5405	0.5675
	0.5938	0.6222	0.6351	0.6843	0.7020
	0.7163	0.7300	0.7482	0.7628	0.7836
Transect 321	0.7977	0.8524	0.8681	0.8863	0.8963
	0.9040	0.9131	0.9218	0.9433	1.0000
	0.0304	0.0568	0.0705	0.0821	0.0916
	0.1042	0.1202	0.1325	0.1461	0.1613
	0.1738	0.1930	0.2066	0.2144	0.2203
	0.2258	0.2318	0.2388	0.2495	0.3003
	0.3174	0.3336	0.3890	0.4223	0.4439
	0.4657	0.4834	0.5012	0.5405	0.5675
	0.5938	0.6222	0.6351	0.6843	0.7020
	0.7163	0.7300	0.7482	0.7628	0.7836
	0.7977	0.8524	0.8681	0.8863	0.8963
	0.9040	0.9131	0.9218	0.9433	1.0000
	0.0304	0.0568	0.0705	0.0821	0.0916
	0.1042	0.1202	0.1325	0.1461	0.1613
	0.1738	0.1930	0.2066	0.2144	0.2203
	0.2258	0.2318	0.2388	0.2495	0.3003
Area:	0.0006	0.0017	0.0034	0.0058	0.0087
	0.0121	0.0158	0.0199	0.0253	0.0312
	0.0374	0.0447	0.0531	0.0624	0.0727
	0.0844	0.0979	0.1129	0.1289	0.1458
	0.1636	0.1828	0.2030	0.2243	0.2464
	0.2701	0.2954	0.3220	0.3495	0.3776
	0.4062	0.4351	0.4646	0.4946	0.5250
	0.5557	0.5865	0.6174	0.6484	0.6797
	0.7111	0.7427	0.7743	0.8061	0.8381
	0.8701	0.9023	0.9347	0.9672	1.0000
	0.0234	0.0436	0.0529	0.0702	0.0910
	0.1130	0.1344	0.1378	0.1472	0.1715
	0.1939	0.2123	0.2278	0.2437	0.2581
	0.2668	0.2705	0.2804	0.2918	0.3096
	0.3222	0.3401	0.3506	0.3668	0.3837
	0.3735	0.3846	0.3893	0.4162	0.4393
Hrad:	0.4667	0.4927	0.5159	0.5398	0.5668
	0.5972	0.6275	0.6575	0.6866	0.7154
	0.7449	0.7744	0.8041	0.8338	0.8633
	0.8923	0.9204	0.9477	0.9750	1.0000
	0.0265	0.0385	0.0638	0.0824	0.0961
	0.1072	0.1177	0.1451	0.1728	0.1824
	0.2042	0.2392	0.2690	0.2977	0.3326
	0.3764	0.4368	0.4715	0.5006	0.5252
	0.5698	0.5963	0.6329	0.6599	0.6835
	0.7491	0.7885	0.8301	0.8428	0.8626
	0.8733	0.8861	0.9037	0.9194	0.9296
	0.9335	0.9374	0.9416	0.9468	0.9522
	0.9566	0.9607	0.9644	0.9681	0.9718
	0.9760	0.9809	0.9867	0.9923	1.0000
	0.0265	0.0385	0.0638	0.0824	0.0961
	0.1072	0.1177	0.1451	0.1728	0.1824
Transect A100	0.2042	0.2392	0.2690	0.2977	0.3326
	0.3764	0.4368	0.4715	0.5006	0.5252
	0.5698	0.5963	0.6329	0.6599	0.6835
	0.7491	0.7885	0.8301	0.8428	0.8626
	0.8733	0.8861	0.9037	0.9194	0.9296
	0.9335	0.9374	0.9416	0.9468	0.9522
	0.9566	0.9607	0.9644	0.9681	0.9718
	0.9760	0.9809	0.9867	0.9923	1.0000
	0.0265	0.0385	0.0638	0.0824	0.0961
	0.1072	0.1177	0.1451	0.1728	0.1824
	0.2042	0.2392	0.2690	0.2977	0.3326
	0.3764	0.4368	0.4715	0.5006	0.5252
	0.5698	0.5963	0.6329	0.6599	0.6835
	0.7491	0.7885	0.8301	0.8428	0.8626
	0.8733	0.8861	0.9037	0.9194	0.9296
	0.9335	0.9374	0.9416	0.9468	0.9522
Area:	0.9566	0.9607	0.9644	0.9681	0.9718
	0.9760	0.9809	0.9867	0.9923	1.0000
	0.0265	0.0385	0.0638	0.0824	0.0961
	0.1072	0.1177	0.1451	0.1728	0.1824
	0.2042	0.2392	0.2690	0.2977	0.3326
	0.3764	0.4368	0.4715	0.5006	0.5252
	0.5698	0.5963	0.6329	0.6599	0.6835
	0.7491	0.7885	0.8301	0.8428	0.8626
	0.8733	0.8861	0.9037	0.9194	0.9296
	0.9335	0.9374	0.9416	0.9468	0.9522
	0.9566	0.9607	0.9644	0.9681	0.9718
	0.9760	0.9809	0.9867	0.9923	1.0000
	0.0265	0.0385	0.0638	0.0824	0.0961
	0.1072	0.1177	0.1451	0.1728	0.1824
	0.2042	0.2392	0.2690	0.2977	0.3326
	0.3764	0.4368	0.4715	0.5006	0.5252
Hrad:	0.5698	0.5963	0.6329	0.6599	0.6835
	0.7491	0.7885	0.8301	0.8428	0.8626
	0.8733	0.8861	0.9037	0.9194	0.9296
	0.9335	0.9374	0.9416	0.9468	0.9522
	0.9566	0.9607	0.9644	0.9681	0.9718
	0.9760	0.9809	0.9867	0.9923	1.0000
	0.0265	0.0385	0.0638	0.0824	0.0961
	0.1072	0.1177	0.1451	0.1728	0.1824
	0.2042	0.2392	0.2690	0.2977	0.3326
	0.3764	0.4368	0.4715	0.5006	0.5252
	0.5698	0.5963	0.6329	0.6599	0.6835
	0.7491	0.7885	0.8301	0.8428	0.8626
	0.8733	0.8861	0.9037	0.9194	0.9296
	0.9335	0.9374	0.9416	0.9468	0.9522
	0.9566	0.9607	0.9644	0.9681	0.9718
	0.9760	0.9809	0.9867	0.9923	1.0000
Area:	0.0007	0.0026	0.0059	0.0106	0.0160
	0.0221	0.0289	0.0363	0.0445	0.0535
	0.0633	0.0739	0.0849	0.0963	0.1084
	0.1218	0.1376	0.1555	0.1742	0.1936
	0.2135	0.2339	0.2548	0.2761	0.2979
	0.3201	0.3428	0.3659	0.3895	0.4134
	0.4378	0.4625	0.4877	0.5133	0.5393
	0.5657	0.5926	0.6201	0.6480	0.6765
	0.7055	0.7350	0.7650	0.7956	0.8267
	0.8583	0.8909	0.9248	0.9606	1.0000
	0.0204	0.0408	0.0612	0.0838	0.1127
	0.1399	0.1657	0.1907	0.2114	0.2314
	0.2515	0.2783	0.3090	0.3360	0.3527
	0.3681	0.3790	0.3454	0.3711	0.4013
	0.4315	0.4614	0.4916	0.5213	0.5507
	0.5797	0.6087	0.6383	0.6675	0.6965
Hrad:	0.7251	0.7534	0.7815	0.8094	0.8367
	0.8626	0.8863	0.9100	0.9335	0.9570
	0.9803	1.0035	1.0262	1.0485	1.0708
	0.0204	0.0408	0.0612	0.0838	0.1127
	0.1399	0.1657	0.1907	0.2114	0.2314
	0.2515	0.2783	0.3090	0.3360	0.3527
	0.3681	0.3790	0.3454	0.3711	0.4013
	0.4315	0.4614	0.4916	0.5213	0.5507
	0.5797	0.6087	0.6383	0.6675	0.6965
	0.7251	0.7534	0.7815	0.8094	0.8367
	0.8626	0.8863	0.9100	0.9335	0.9570
	0.9803	1.0035	1.0262	1.0485	1.0708
	0.0204	0.0408	0.0612	0.0838	0.1127
	0.1399	0.1657	0.1907	0.2114	0.2314
	0.2515	0.2783	0.3090	0.3360	0.3527
	0.3681	0.3790	0.3454	0.3711	0.4013
	0.4315	0.4614	0.4916	0.5213	0.5507
	0.5797	0.6087	0.6383	0.6675	0.6965
	0.7251	0.7534	0.7815	0.8094	0.8367
	0.8626	0.8863	0.9100	0.9335	0.9570
	0.9803	1.0035	1.0262	1.0485	1.0708

	1.0916	1.0909	1.0916	1.0530	1.0000
Width:					
	0.0325	0.0650	0.0975	0.1263	0.1424
	0.1586	0.1748	0.1909	0.2108	0.2315
	0.2522	0.2659	0.2751	0.2868	0.3075
	0.3589	0.4202	0.4509	0.4702	0.4832
	0.4956	0.5076	0.5189	0.5302	0.5415
	0.5528	0.5636	0.5737	0.5838	0.5939
	0.6039	0.6140	0.6241	0.6342	0.6445
	0.6557	0.6685	0.6812	0.6940	0.7067
	0.7194	0.7322	0.7452	0.7585	0.7717
	0.7860	0.8165	0.8509	0.9279	1.0000

Transect A101

Area:					
	0.0010	0.0042	0.0091	0.0150	0.0217
	0.0292	0.0372	0.0457	0.0547	0.0642
	0.0743	0.0848	0.0958	0.1072	0.1192
	0.1315	0.1444	0.1577	0.1714	0.1856
	0.2001	0.2149	0.2301	0.2457	0.2617
	0.2780	0.2947	0.3118	0.3292	0.3470
	0.3652	0.3838	0.4027	0.4227	0.4461
	0.4746	0.5042	0.5339	0.5639	0.5947
	0.6273	0.6618	0.6985	0.7394	0.7812
	0.8237	0.8669	0.9106	0.9550	1.0000

Hrad:					
	0.0228	0.0456	0.0760	0.1086	0.1390
	0.1705	0.2041	0.2364	0.2677	0.2980
	0.3276	0.3565	0.3860	0.4150	0.4435
	0.4716	0.4992	0.5265	0.5534	0.5845
	0.6164	0.6454	0.6742	0.7026	0.7307
	0.7586	0.7862	0.8136	0.8408	0.8677
	0.8945	0.9211	0.9461	0.9483	0.9238
	0.7291	0.7686	0.8077	0.8467	0.8841
	0.9183	0.9499	0.9613	0.8062	0.8385
	0.8706	0.9033	0.9358	0.9680	1.0000

Width:					
	0.0462	0.0923	0.1208	0.1387	0.1567
	0.1716	0.1826	0.1936	0.2047	0.2157
	0.2267	0.2378	0.2479	0.2581	0.2682
	0.2784	0.2886	0.2987	0.3089	0.3165
	0.3234	0.3316	0.3399	0.3481	0.3563
	0.3646	0.3728	0.3810	0.3893	0.3975
	0.4057	0.4140	0.4228	0.4703	0.5891
	0.6494	0.6544	0.6593	0.6643	0.7003
	0.7403	0.7830	0.8510	0.9167	0.9313
	0.9459	0.9595	0.9730	0.9865	1.0000

Transect A103

Area:					
	0.0019	0.0076	0.0153	0.0236	0.0324
	0.0418	0.0518	0.0623	0.0733	0.0847
	0.0966	0.1088	0.1214	0.1344	0.1478
	0.1616	0.1758	0.1904	0.2054	0.2208
	0.2366	0.2527	0.2693	0.2863	0.3038
	0.3216	0.3399	0.3587	0.3778	0.3974
	0.4175	0.4379	0.4588	0.4802	0.5019
	0.5241	0.5467	0.5698	0.5937	0.6190
	0.6458	0.6754	0.7106	0.7501	0.7902
	0.8307	0.8720	0.9140	0.9566	1.0000

Hrad:					
	0.0219	0.0450	0.0841	0.1210	0.1561
	0.1896	0.2219	0.2530	0.2854	0.3187
	0.3512	0.3830	0.4142	0.4448	0.4749
	0.5046	0.5338	0.5626	0.5910	0.6191
	0.6469	0.6744	0.7006	0.7261	0.7514
	0.7766	0.8016	0.8264	0.8511	0.8757
	0.9001	0.9245	0.9487	0.9729	0.9969
	1.0209	1.0447	1.0654	1.0536	1.0382
	1.0266	0.9715	0.8843	0.8231	0.8577
	0.8879	0.9162	0.9444	0.9723	1.0000

Width:					
	0.0873	0.1701	0.1828	0.1955	0.2082
	0.2209	0.2336	0.2463	0.2570	0.2660
	0.2750	0.2841	0.2931	0.3021	0.3112
	0.3202	0.3292	0.3382	0.3473	0.3563
	0.3653	0.3744	0.3839	0.3938	0.4037
	0.4136	0.4235	0.4334	0.4433	0.4532
	0.4631	0.4729	0.4828	0.4927	0.5026
	0.5125	0.5224	0.5339	0.5626	0.5954
	0.6285	0.7360	0.8739	0.9112	0.9211
	0.9355	0.9516	0.9677	0.9839	1.0000

Transect A109

Area:	0.0006	0.0025	0.0057	0.0102	0.0159
	0.0225	0.0298	0.0377	0.0463	0.0555
	0.0653	0.0757	0.0866	0.0982	0.1103
	0.1231	0.1364	0.1504	0.1650	0.1804
	0.1965	0.2133	0.2308	0.2490	0.2679
	0.2876	0.3080	0.3292	0.3511	0.3738
	0.3972	0.4215	0.4469	0.4735	0.5012
	0.5299	0.5591	0.5887	0.6187	0.6494
	0.6809	0.7133	0.7466	0.7806	0.8153
	0.8508	0.8870	0.9239	0.9616	1.0000
Hrad:	0.0183	0.0367	0.0550	0.0733	0.0939
	0.1190	0.1429	0.1666	0.1909	0.2144
	0.2373	0.2597	0.2817	0.3032	0.3245
	0.3455	0.3663	0.3857	0.4026	0.4196
	0.4367	0.4546	0.4728	0.4909	0.5091
	0.5256	0.5423	0.5591	0.5760	0.5930
	0.6101	0.6220	0.6294	0.6378	0.6471
	0.6700	0.6965	0.7229	0.7489	0.7743
	0.7986	0.8173	0.8404	0.8643	0.8878
	0.9109	0.9337	0.9561	0.9782	1.0000
Width:	0.0329	0.0658	0.0986	0.1315	0.1601
	0.1785	0.1968	0.2140	0.2293	0.2446
	0.2598	0.2751	0.2904	0.3057	0.3210
	0.3363	0.3516	0.3680	0.3869	0.4057
	0.4246	0.4428	0.4608	0.4788	0.4968
	0.5164	0.5360	0.5556	0.5752	0.5948
	0.6144	0.6396	0.6701	0.7006	0.7311
	0.7465	0.7576	0.7686	0.7826	0.8021
	0.8220	0.8471	0.8673	0.8863	0.9052
	0.9242	0.9431	0.9621	0.9810	1.0000
Transect A113					
Area:	0.0010	0.0035	0.0067	0.0107	0.0154
	0.0208	0.0270	0.0339	0.0415	0.0500
	0.0592	0.0690	0.0793	0.0902	0.1016
	0.1136	0.1261	0.1392	0.1528	0.1670
	0.1818	0.1971	0.2140	0.2342	0.2555
	0.2776	0.3006	0.3244	0.3489	0.3737
	0.3987	0.4240	0.4498	0.4761	0.5030
	0.5307	0.5593	0.5902	0.6216	0.6534
	0.6857	0.7184	0.7516	0.7854	0.8198
	0.8548	0.8904	0.9264	0.9630	1.0000
Hrad:	0.0189	0.0455	0.0703	0.0931	0.1147
	0.1361	0.1560	0.1751	0.1941	0.2131
	0.2342	0.2585	0.2818	0.3048	0.3273
	0.3495	0.3713	0.3925	0.4135	0.4343
	0.4550	0.4694	0.4639	0.4241	0.4433
	0.4635	0.4840	0.5044	0.5326	0.5652
	0.5975	0.6224	0.6468	0.6709	0.6926
	0.7057	0.7034	0.7077	0.7348	0.7617
	0.7884	0.8138	0.8358	0.8576	0.8793
	0.9025	0.9255	0.9484	0.9729	1.0000
Width:	0.0524	0.0777	0.0972	0.1167	0.1363
	0.1553	0.1753	0.1962	0.2171	0.2380
	0.2565	0.2708	0.2854	0.3001	0.3148
	0.3295	0.3443	0.3594	0.3746	0.3897
	0.4049	0.4256	0.5056	0.5599	0.5843
	0.6073	0.6297	0.6521	0.6638	0.6693
	0.6747	0.6882	0.7020	0.7158	0.7320
	0.7575	0.8007	0.8395	0.8509	0.8623
	0.8737	0.8862	0.9024	0.9186	0.9347
	0.9491	0.9635	0.9779	0.9903	1.0000
Transect A114					
Area:	0.0028	0.0095	0.0168	0.0246	0.0327
	0.0413	0.0503	0.0598	0.0697	0.0800
	0.0908	0.1020	0.1136	0.1257	0.1382
	0.1515	0.1655	0.1802	0.1956	0.2117
	0.2285	0.2465	0.2659	0.2864	0.3077
	0.3295	0.3518	0.3747	0.3980	0.4219
	0.4463	0.4712	0.4966	0.5224	0.5484
	0.5748	0.6016	0.6288	0.6563	0.6842
	0.7125	0.7411	0.7701	0.8000	0.8308
	0.8627	0.8955	0.9293	0.9641	1.0000
Hrad:	0.0187	0.0502	0.0835	0.1151	0.1454
	0.1745	0.2025	0.2298	0.2562	0.2820

Width:	0.3073	0.3320	0.3562	0.3801	0.3973
	0.4129	0.4288	0.4448	0.4610	0.4775
	0.4892	0.4907	0.4944	0.5067	0.5310
	0.5550	0.5788	0.6024	0.6257	0.6488
	0.6718	0.6945	0.7209	0.7480	0.7734
	0.7986	0.8235	0.8482	0.8727	0.8970
	0.9211	0.9449	0.9631	0.9670	0.9718
	0.9775	0.9847	0.9926	1.0010	1.0000
	0.1519	0.1934	0.2052	0.2171	0.2289
	0.2407	0.2526	0.2644	0.2762	0.2881
Transect A116 Area:	0.2999	0.3118	0.3236	0.3354	0.3529
	0.3722	0.3915	0.4109	0.4303	0.4497
	0.4740	0.5099	0.5457	0.5738	0.5881
	0.6024	0.6167	0.6310	0.6454	0.6597
	0.6740	0.6883	0.6982	0.7068	0.7169
	0.7269	0.7370	0.7470	0.7570	0.7671
	0.7771	0.7872	0.8019	0.8293	0.8566
	0.8838	0.9103	0.9368	0.9633	1.0000
	0.0004	0.0017	0.0038	0.0068	0.0106
	0.0149	0.0198	0.0254	0.0315	0.0382
Hrad:	0.0455	0.0532	0.0614	0.0698	0.0786
	0.0876	0.0970	0.1066	0.1165	0.1267
	0.1372	0.1480	0.1591	0.1705	0.1841
	0.1992	0.2151	0.2317	0.2491	0.2673
	0.2883	0.3124	0.3384	0.3665	0.3964
	0.4283	0.4617	0.4958	0.5307	0.5663
	0.6042	0.6444	0.6858	0.7279	0.7708
	0.8146	0.8593	0.9048	0.9514	1.0000
	0.0248	0.0495	0.0743	0.0991	0.1297
	0.1595	0.1881	0.2160	0.2433	0.2701
Width:	0.2966	0.3310	0.3650	0.4011	0.4365
	0.4711	0.5052	0.5386	0.5715	0.6040
	0.6360	0.6676	0.6988	0.7297	0.7500
	0.7665	0.7840	0.8020	0.8149	0.8228
	0.8252	0.8245	0.8203	0.8165	0.8151
	0.8160	0.6861	0.7192	0.7519	0.7843
	0.7543	0.7812	0.8100	0.8455	0.8790
	0.9122	0.9452	0.9779	0.9917	1.0000
	0.0172	0.0345	0.0517	0.0690	0.0815
	0.0935	0.1054	0.1173	0.1292	0.1412
Transect A16 Area:	0.1531	0.1606	0.1679	0.1738	0.1796
	0.1855	0.1914	0.1973	0.2032	0.2091
	0.2150	0.2209	0.2267	0.2326	0.2994
	0.3137	0.3280	0.3423	0.3586	0.3769
	0.4660	0.5055	0.5464	0.5853	0.6242
	0.6631	0.6811	0.6963	0.7115	0.7267
	0.8000	0.8228	0.8436	0.8582	0.8753
	0.8925	0.9097	0.9268	0.9605	1.0000
	0.0011	0.0048	0.0125	0.0220	0.0320
	0.0425	0.0534	0.0649	0.0769	0.0894
Hrad:	0.1028	0.1169	0.1318	0.1475	0.1640
	0.1815	0.2000	0.2192	0.2391	0.2596
	0.2807	0.3024	0.3248	0.3477	0.3708
	0.3941	0.4175	0.4412	0.4650	0.4890
	0.5132	0.5375	0.5619	0.5865	0.6113
	0.6362	0.6612	0.6864	0.7117	0.7372
	0.7628	0.7885	0.8144	0.8405	0.8667
	0.8930	0.9195	0.9461	0.9728	1.0000
	0.0139	0.0261	0.0378	0.0631	0.0872
	0.1105	0.1329	0.1546	0.1757	0.1924
Width:	0.2086	0.2246	0.2404	0.2551	0.2682
	0.2816	0.2950	0.3120	0.3301	0.3479
	0.3654	0.3828	0.4000	0.4208	0.4450
	0.4691	0.4930	0.5167	0.5403	0.5636
	0.5874	0.6113	0.6350	0.6586	0.6821
	0.7054	0.7286	0.7516	0.7746	0.7974
	0.8201	0.8426	0.8651	0.8874	0.9096
	0.9317	0.9537	0.9756	0.9973	1.0000
	0.0802	0.2058	0.3363	0.3541	0.3719
	0.3898	0.4076	0.4254	0.4433	0.4711
	0.4992	0.5274	0.5555	0.5857	0.6198
	0.6534	0.6868	0.7120	0.7342	0.7563
	0.7785	0.8006	0.8228	0.8370	0.8435

	0.8499	0.8564	0.8629	0.8694	0.8759
	0.8815	0.8867	0.8919	0.8971	0.9024
	0.9076	0.9128	0.9180	0.9233	0.9285
	0.9337	0.9389	0.9442	0.9494	0.9546
	0.9598	0.9651	0.9703	0.9756	1.0000
Transect A25					
Area:	0.0069	0.0156	0.0246	0.0340	0.0439
	0.0541	0.0648	0.0759	0.0874	0.0993
	0.1116	0.1243	0.1374	0.1510	0.1649
	0.1793	0.1941	0.2093	0.2249	0.2409
	0.2573	0.2742	0.2915	0.3093	0.3278
	0.3468	0.3664	0.3866	0.4074	0.4288
	0.4508	0.4733	0.4965	0.5203	0.5447
	0.5698	0.5955	0.6220	0.6491	0.6770
	0.7055	0.7347	0.7646	0.7952	0.8265
	0.8584	0.8915	0.9261	0.9623	1.0000
Hrad:	0.0316	0.0675	0.1019	0.1350	0.1670
	0.1979	0.2280	0.2573	0.2858	0.3137
	0.3410	0.3678	0.3942	0.4201	0.4456
	0.4707	0.4955	0.5199	0.5438	0.5675
	0.5910	0.6142	0.6359	0.6527	0.6696
	0.6867	0.7039	0.7212	0.7386	0.7561
	0.7737	0.7914	0.8091	0.8269	0.8422
	0.8571	0.8723	0.8876	0.9032	0.9189
	0.9348	0.9508	0.9670	0.9833	0.9997
	1.0139	1.0082	1.0004	0.9949	1.0000
Width:	0.2198	0.2306	0.2413	0.2521	0.2628
	0.2735	0.2843	0.2950	0.3057	0.3165
	0.3272	0.3379	0.3487	0.3594	0.3702
	0.3809	0.3916	0.4025	0.4135	0.4244
	0.4354	0.4464	0.4583	0.4738	0.4893
	0.5049	0.5204	0.5359	0.5514	0.5669
	0.5825	0.5980	0.6135	0.6290	0.6466
	0.6646	0.6826	0.7006	0.7186	0.7366
	0.7546	0.7726	0.7906	0.8086	0.8266
	0.8465	0.8842	0.9257	0.9672	1.0000
Transect A36					
Area:	0.0014	0.0049	0.0097	0.0158	0.0227
	0.0302	0.0381	0.0468	0.0582	0.0717
	0.0868	0.1026	0.1188	0.1354	0.1525
	0.1701	0.1881	0.2066	0.2255	0.2449
	0.2648	0.2851	0.3058	0.3269	0.3484
	0.3704	0.3927	0.4155	0.4386	0.4621
	0.4860	0.5102	0.5348	0.5598	0.5851
	0.6108	0.6368	0.6631	0.6898	0.7167
	0.7440	0.7716	0.7995	0.8277	0.8562
	0.8848	0.9134	0.9422	0.9710	1.0000
Hrad:	0.0147	0.0345	0.0517	0.0685	0.0918
	0.1144	0.1360	0.1552	0.1673	0.1780
	0.1624	0.1864	0.2100	0.2330	0.2554
	0.2773	0.2989	0.3201	0.3410	0.3616
	0.3827	0.4037	0.4244	0.4448	0.4650
	0.4851	0.5049	0.5253	0.5458	0.5661
	0.5863	0.6063	0.6261	0.6457	0.6653
	0.6850	0.7056	0.7261	0.7464	0.7665
	0.7866	0.8065	0.8263	0.8460	0.8710
	0.8969	0.9228	0.9486	0.9744	1.0000
Width:	0.0973	0.1425	0.1877	0.2305	0.2479
	0.2639	0.2799	0.3451	0.4309	0.4991
	0.5350	0.5505	0.5659	0.5813	0.5973
	0.6134	0.6294	0.6455	0.6615	0.6776
	0.6921	0.7064	0.7208	0.7351	0.7494
	0.7637	0.7780	0.7911	0.8038	0.8164
	0.8290	0.8417	0.8543	0.8669	0.8796
	0.8917	0.9026	0.9134	0.9243	0.9351
	0.9460	0.9568	0.9677	0.9785	0.9831
	0.9865	0.9898	0.9932	0.9966	1.0000
Transect A50					
Area:	0.0020	0.0078	0.0169	0.0267	0.0369
	0.0476	0.0587	0.0703	0.0824	0.0950
	0.1080	0.1215	0.1354	0.1498	0.1647
	0.1800	0.1958	0.2120	0.2288	0.2460
	0.2636	0.2818	0.3005	0.3196	0.3393
	0.3595	0.3802	0.4013	0.4230	0.4452

Hrad:	0.4678	0.4910	0.5147	0.5388	0.5635
	0.5887	0.6144	0.6408	0.6678	0.6952
	0.7230	0.7513	0.7799	0.8090	0.8385
	0.8684	0.8988	0.9308	0.9647	1.0000
	0.0181	0.0362	0.0642	0.0966	0.1277
	0.1576	0.1866	0.2147	0.2420	0.2687
	0.2947	0.3202	0.3452	0.3698	0.3940
	0.4177	0.4412	0.4643	0.4870	0.5092
	0.5311	0.5523	0.5733	0.5941	0.6148
	0.6354	0.6558	0.6762	0.6964	0.7165
Width:	0.7365	0.7565	0.7764	0.7961	0.8159
	0.8355	0.8507	0.8652	0.8845	0.9062
	0.9278	0.9492	0.9705	0.9917	1.0127
	1.0336	1.0387	1.0111	0.9916	1.0000
	0.1094	0.2187	0.2663	0.2792	0.2922
	0.3052	0.3181	0.3311	0.3441	0.3571
	0.3700	0.3830	0.3960	0.4089	0.4219
	0.4349	0.4478	0.4608	0.4739	0.4873
	0.5008	0.5147	0.5287	0.5426	0.5566
	0.5706	0.5846	0.5985	0.6125	0.6265
Transect A57	0.6404	0.6544	0.6684	0.6823	0.6963
	0.7103	0.7280	0.7466	0.7606	0.7722
	0.7837	0.7952	0.8067	0.8182	0.8298
	0.8413	0.8659	0.9211	0.9733	1.0000
	0.0025	0.0100	0.0195	0.0296	0.0402
	0.0514	0.0631	0.0753	0.0881	0.1014
	0.1153	0.1297	0.1446	0.1601	0.1761
	0.1927	0.2098	0.2274	0.2455	0.2641
	0.2831	0.3023	0.3218	0.3416	0.3617
	0.3821	0.4027	0.4237	0.4449	0.4665
Hrad:	0.4883	0.5105	0.5332	0.5562	0.5797
	0.6036	0.6279	0.6526	0.6778	0.7033
	0.7293	0.7559	0.7835	0.8121	0.8417
	0.8722	0.9033	0.9350	0.9672	1.0000
	0.0169	0.0365	0.0673	0.0967	0.1247
	0.1518	0.1778	0.2031	0.2277	0.2516
	0.2751	0.2980	0.3205	0.3426	0.3643
	0.3861	0.4078	0.4293	0.4506	0.4738
	0.4995	0.5249	0.5499	0.5747	0.5992
	0.6234	0.6474	0.6711	0.6946	0.7179
Width:	0.7395	0.7582	0.7768	0.7953	0.8138
	0.8321	0.8504	0.8685	0.8867	0.9047
	0.9227	0.9240	0.9240	0.9252	0.9273
	0.9359	0.9519	0.9679	0.9840	1.0000
	0.1525	0.2798	0.2962	0.3127	0.3291
	0.3455	0.3619	0.3783	0.3947	0.4111
	0.4275	0.4439	0.4603	0.4767	0.4932
	0.5091	0.5246	0.5402	0.5557	0.5682
	0.5769	0.5857	0.5944	0.6032	0.6119
	0.6207	0.6294	0.6382	0.6469	0.6556
Transect A70	0.6658	0.6784	0.6910	0.7036	0.7162
	0.7288	0.7415	0.7541	0.7667	0.7793
	0.7919	0.8195	0.8493	0.8792	0.9090
	0.9331	0.9498	0.9665	0.9833	1.0000
	0.0002	0.0007	0.0015	0.0027	0.0051
	0.0099	0.0173	0.0278	0.0433	0.0599
	0.0768	0.0939	0.1114	0.1291	0.1472
	0.1657	0.1846	0.2038	0.2233	0.2431
	0.2632	0.2836	0.3044	0.3256	0.3471
	0.3690	0.3911	0.4135	0.4363	0.4593
Hrad:	0.4826	0.5063	0.5303	0.5546	0.5793
	0.6045	0.6303	0.6571	0.6846	0.7124
	0.7404	0.7685	0.7968	0.8253	0.8540
	0.8828	0.9118	0.9409	0.9702	1.0000
	0.0153	0.0305	0.0458	0.0610	0.0635
	0.0641	0.0718	0.0807	0.0801	0.1091
	0.1376	0.1656	0.1927	0.2194	0.2442
	0.2682	0.2940	0.3194	0.3446	0.3697
	0.3945	0.4163	0.4378	0.4607	0.4833
	0.5066	0.5298	0.5526	0.5750	0.5972
	0.6188	0.6401	0.6609	0.6812	0.6990
	0.7134	0.7278	0.7253	0.7441	0.7684
	0.7932	0.8177	0.8422	0.8671	0.8920

	0.9168	0.9414	0.9660	0.9835	1.0000
Width:					
	0.0114	0.0229	0.0343	0.0457	0.1145
	0.2010	0.2939	0.4215	0.5507	0.5591
	0.5676	0.5763	0.5866	0.5969	0.6111
	0.6262	0.6360	0.6459	0.6555	0.6647
	0.6740	0.6879	0.7018	0.7131	0.7243
	0.7341	0.7438	0.7536	0.7637	0.7738
	0.7845	0.7952	0.8064	0.8180	0.8324
	0.8510	0.8695	0.9098	0.9238	0.9304
	0.9364	0.9424	0.9484	0.9538	0.9589
	0.9641	0.9692	0.9744	0.9867	1.0000

Transect A72

Area:					
	0.0004	0.0015	0.0034	0.0060	0.0094
	0.0135	0.0184	0.0244	0.0330	0.0429
	0.0541	0.0665	0.0801	0.0947	0.1101
	0.1260	0.1424	0.1594	0.1769	0.1950
	0.2135	0.2325	0.2518	0.2716	0.2917
	0.3122	0.3331	0.3544	0.3761	0.3986
	0.4223	0.4474	0.4739	0.5016	0.5302
	0.5595	0.5892	0.6191	0.6493	0.6798
	0.7105	0.7415	0.7727	0.8042	0.8360
	0.8681	0.9005	0.9333	0.9664	1.0000

Hrad:					
	0.0170	0.0340	0.0510	0.0680	0.0850
	0.1020	0.1190	0.1122	0.1207	0.1384
	0.1560	0.1739	0.1934	0.2129	0.2390
	0.2646	0.2896	0.3141	0.3381	0.3617
	0.3871	0.4128	0.4382	0.4632	0.4879
	0.5124	0.5365	0.5604	0.5797	0.5871
	0.5881	0.5892	0.5949	0.6017	0.6215
	0.6428	0.6706	0.6983	0.7257	0.7530
	0.7800	0.8069	0.8335	0.8600	0.8863
	0.9103	0.9329	0.9554	0.9778	1.0000

Width:					
	0.0223	0.0446	0.0669	0.0892	0.1115
	0.1338	0.1560	0.2193	0.2756	0.3125
	0.3494	0.3854	0.4171	0.4481	0.4639
	0.4797	0.4955	0.5113	0.5271	0.5429
	0.5556	0.5672	0.5788	0.5903	0.6019
	0.6135	0.6251	0.6366	0.6532	0.6836
	0.7230	0.7647	0.8021	0.8394	0.8587
	0.8757	0.8834	0.8911	0.8988	0.9065
	0.9142	0.9219	0.9296	0.9373	0.9450
	0.9550	0.9663	0.9775	0.9888	1.0000

Transect A80

Area:					
	0.0012	0.0046	0.0105	0.0182	0.0264
	0.0351	0.0441	0.0536	0.0635	0.0739
	0.0846	0.0958	0.1074	0.1193	0.1318
	0.1446	0.1578	0.1713	0.1853	0.1997
	0.2144	0.2296	0.2451	0.2610	0.2774
	0.2943	0.3115	0.3293	0.3474	0.3660
	0.3851	0.4045	0.4246	0.4452	0.4663
	0.4881	0.5103	0.5333	0.5573	0.5824
	0.6085	0.6378	0.6779	0.7213	0.7656
	0.8106	0.8565	0.9033	0.9512	1.0000

Hrad:					
	0.0248	0.0497	0.0745	0.1123	0.1550
	0.1959	0.2352	0.2732	0.3100	0.3459
	0.3808	0.4149	0.4483	0.4810	0.5134
	0.5462	0.5785	0.6103	0.6416	0.6726
	0.7032	0.7334	0.7623	0.7897	0.8168
	0.8438	0.8707	0.8974	0.9241	0.9506
	0.9770	1.0011	1.0214	1.0420	1.0628
	1.0837	1.1049	1.1126	1.1112	1.1120
	1.1148	0.8397	0.7821	0.8106	0.8453
	0.8796	0.9116	0.9413	0.9707	1.0000

Width:					
	0.0471	0.0942	0.1413	0.1628	0.1712
	0.1797	0.1881	0.1966	0.2050	0.2135
	0.2220	0.2304	0.2389	0.2473	0.2556
	0.2635	0.2713	0.2792	0.2870	0.2949
	0.3027	0.3106	0.3189	0.3278	0.3367
	0.3457	0.3546	0.3635	0.3724	0.3814
	0.3903	0.4001	0.4116	0.4231	0.4345
	0.4460	0.4575	0.4749	0.4972	0.5195
	0.5418	0.7575	0.8656	0.8889	0.9049
	0.9209	0.9390	0.9593	0.9797	1.0000

Transect A81

Area:	0.0005	0.0021	0.0047	0.0084	0.0132
	0.0190	0.0258	0.0337	0.0427	0.0527
	0.0637	0.0759	0.0890	0.1031	0.1180
	0.1336	0.1499	0.1671	0.1851	0.2038
	0.2233	0.2435	0.2646	0.2864	0.3090
	0.3323	0.3561	0.3801	0.4044	0.4290
	0.4538	0.4789	0.5043	0.5300	0.5560
	0.5822	0.6087	0.6354	0.6625	0.6898
	0.7174	0.7453	0.7735	0.8022	0.8316
	0.8621	0.8942	0.9278	0.9631	1.0000
Hrad:	0.0190	0.0380	0.0570	0.0760	0.0950
	0.1139	0.1329	0.1519	0.1709	0.1899
	0.2089	0.2279	0.2469	0.2711	0.2943
	0.3171	0.3395	0.3616	0.3835	0.4051
	0.4265	0.4477	0.4688	0.4897	0.5105
	0.5346	0.5659	0.5969	0.6276	0.6580
	0.6882	0.7181	0.7477	0.7770	0.8061
	0.8350	0.8637	0.8921	0.9203	0.9483
	0.9761	1.0037	1.0245	1.0396	1.0549
	1.0696	1.0829	1.0950	1.1063	1.0000
Width:	0.0280	0.0559	0.0839	0.1118	0.1398
	0.1677	0.1957	0.2236	0.2516	0.2795
	0.3075	0.3355	0.3634	0.3832	0.4039
	0.4245	0.4451	0.4657	0.4863	0.5069
	0.5275	0.5481	0.5687	0.5893	0.6099
	0.6264	0.6337	0.6409	0.6482	0.6555
	0.6628	0.6701	0.6774	0.6847	0.6920
	0.6993	0.7066	0.7138	0.7211	0.7284
	0.7357	0.7430	0.7553	0.7718	0.7883
	0.8295	0.8721	0.9148	0.9574	1.0000
Transect A85					
Area:	0.0026	0.0095	0.0171	0.0249	0.0332
	0.0417	0.0505	0.0597	0.0692	0.0790
	0.0892	0.0996	0.1104	0.1215	0.1329
	0.1447	0.1568	0.1692	0.1819	0.1949
	0.2083	0.2221	0.2362	0.2507	0.2655
	0.2807	0.2962	0.3122	0.3287	0.3457
	0.3631	0.3809	0.3993	0.4181	0.4374
	0.4574	0.4784	0.5006	0.5237	0.5484
	0.5764	0.6084	0.6480	0.6914	0.7376
	0.7866	0.8375	0.8904	0.9448	1.0000
Hrad:	0.0280	0.0717	0.1233	0.1728	0.2206
	0.2668	0.3115	0.3551	0.3974	0.4388
	0.4792	0.5188	0.5576	0.5958	0.6333
	0.6702	0.7066	0.7425	0.7779	0.8111
	0.8439	0.8764	0.9086	0.9406	0.9724
	1.0039	1.0315	1.0560	1.0807	1.1055
	1.1305	1.1556	1.1809	1.2062	1.2316
	1.2253	1.2197	1.2172	1.2174	1.1584
	1.0671	1.0067	0.8601	0.8570	0.8597
	0.8749	0.8963	0.9182	0.9586	1.0000
Width:	0.0937	0.1334	0.1391	0.1449	0.1507
	0.1565	0.1623	0.1681	0.1739	0.1797
	0.1855	0.1913	0.1971	0.2029	0.2087
	0.2144	0.2202	0.2260	0.2318	0.2382
	0.2446	0.2510	0.2574	0.2638	0.2702
	0.2766	0.2840	0.2925	0.3009	0.3093
	0.3177	0.3261	0.3345	0.3430	0.3514
	0.3696	0.3887	0.4077	0.4268	0.4703
	0.5376	0.6453	0.7529	0.8068	0.8584
	0.8998	0.9354	0.9711	0.9864	1.0000
Transect A87					
Area:	0.0010	0.0041	0.0092	0.0158	0.0235
	0.0324	0.0423	0.0531	0.0650	0.0778
	0.0915	0.1060	0.1212	0.1372	0.1540
	0.1712	0.1889	0.2070	0.2254	0.2444
	0.2637	0.2834	0.3036	0.3241	0.3451
	0.3664	0.3882	0.4102	0.4327	0.4555
	0.4787	0.5022	0.5261	0.5504	0.5750
	0.6001	0.6256	0.6514	0.6777	0.7044
	0.7316	0.7593	0.7874	0.8160	0.8452
	0.8749	0.9052	0.9361	0.9677	1.0000
Hrad:	0.0163	0.0327	0.0511	0.0723	0.0921
	0.1125	0.1330	0.1527	0.1720	0.1915

Width:	0.2126	0.2331	0.2532	0.2730	0.2956
	0.3207	0.3454	0.3697	0.3936	0.4173
	0.4408	0.4642	0.4874	0.5103	0.5329
	0.5554	0.5786	0.6017	0.6245	0.6472
	0.6696	0.6919	0.7132	0.7342	0.7551
	0.7758	0.7964	0.8165	0.8348	0.8530
	0.8711	0.8892	0.9065	0.9218	0.9372
	0.9527	0.9672	0.9779	0.9888	1.0000
	0.0631	0.1263	0.1811	0.2180	0.2550
	0.2880	0.3181	0.3481	0.3782	0.4066
Transect A89 Area:	0.4307	0.4547	0.4788	0.5028	0.5210
	0.5341	0.5470	0.5599	0.5728	0.5857
	0.5983	0.6106	0.6230	0.6353	0.6476
	0.6599	0.6709	0.6819	0.6928	0.7038
	0.7148	0.7258	0.7376	0.7496	0.7615
	0.7735	0.7854	0.7977	0.8117	0.8257
	0.8398	0.8538	0.8685	0.8851	0.9017
	0.9183	0.9358	0.9572	0.9786	1.0000
	0.0005	0.0018	0.0041	0.0073	0.0114
	0.0171	0.0254	0.0350	0.0458	0.0576
Hrad:	0.0703	0.0839	0.0984	0.1138	0.1303
	0.1477	0.1657	0.1841	0.2031	0.2225
	0.2422	0.2623	0.2828	0.3037	0.3249
	0.3465	0.3685	0.3909	0.4136	0.4368
	0.4603	0.4842	0.5086	0.5335	0.5588
	0.5846	0.6108	0.6375	0.6646	0.6922
	0.7202	0.7487	0.7777	0.8074	0.8376
	0.8685	0.9001	0.9324	0.9655	1.0000
	0.0176	0.0352	0.0528	0.0703	0.0882
	0.0784	0.1002	0.1209	0.1424	0.1656
Width:	0.1881	0.2099	0.2312	0.2515	0.2703
	0.2933	0.3201	0.3464	0.3723	0.3999
	0.4274	0.4545	0.4813	0.5077	0.5339
	0.5594	0.5845	0.6094	0.6340	0.6584
	0.6826	0.7048	0.7265	0.7480	0.7693
	0.7906	0.8122	0.8337	0.8552	0.8765
	0.8977	0.9154	0.9317	0.9481	0.9645
	0.9781	0.9914	1.0049	1.0056	1.0000
	0.0259	0.0517	0.0776	0.1034	0.1288
	0.2185	0.2541	0.2897	0.3217	0.3477
Transect A91 Area:	0.3737	0.3997	0.4257	0.4528	0.4821
	0.5037	0.5176	0.5316	0.5455	0.5563
	0.5667	0.5772	0.5876	0.5981	0.6085
	0.6194	0.6303	0.6413	0.6523	0.6632
	0.6742	0.6869	0.7000	0.7131	0.7262
	0.7393	0.7519	0.7645	0.7770	0.7895
	0.8021	0.8177	0.8345	0.8514	0.8683
	0.8878	0.9078	0.9277	0.9601	1.0000
	0.0066	0.0151	0.0241	0.0337	0.0438
	0.0545	0.0658	0.0776	0.0899	0.1028
Hrad:	0.1163	0.1303	0.1448	0.1599	0.1756
	0.1918	0.2084	0.2254	0.2426	0.2603
	0.2782	0.2965	0.3151	0.3340	0.3532
	0.3729	0.3930	0.4135	0.4345	0.4559
	0.4778	0.5001	0.5229	0.5461	0.5699
	0.5942	0.6190	0.6443	0.6702	0.6967
	0.7237	0.7513	0.7795	0.8084	0.8380
	0.8682	0.8990	0.9311	0.9647	1.0000
	0.0311	0.0668	0.1004	0.1324	0.1629
	0.1923	0.2207	0.2482	0.2750	0.3010
Width:	0.3266	0.3516	0.3761	0.3997	0.4228
	0.4476	0.4750	0.5018	0.5281	0.5540
	0.5795	0.6046	0.6293	0.6536	0.6776
	0.6978	0.7176	0.7372	0.7568	0.7762
	0.7955	0.8147	0.8338	0.8520	0.8679
	0.8838	0.8998	0.9159	0.9320	0.9482
	0.9642	0.9768	0.9896	1.0027	1.0160
	1.0295	1.0399	1.0279	1.0185	1.0000
	0.2260	0.2411	0.2562	0.2713	0.2864
	0.3015	0.3166	0.3318	0.3469	0.3620
Width:	0.3771	0.3922	0.4073	0.4230	0.4390
	0.4521	0.4612	0.4703	0.4794	0.4885
	0.4976	0.5067	0.5158	0.5249	0.5340

	0.5461	0.5584	0.5707	0.5830	0.5953
	0.6076	0.6199	0.6322	0.6451	0.6600
	0.6748	0.6897	0.7045	0.7194	0.7343
	0.7493	0.7673	0.7853	0.8033	0.8213
	0.8394	0.8602	0.9027	0.9452	1.0000
Transect A93					
Area:	0.0014	0.0055	0.0109	0.0174	0.0246
	0.0322	0.0402	0.0486	0.0574	0.0666
	0.0763	0.0863	0.0968	0.1076	0.1189
	0.1306	0.1427	0.1552	0.1682	0.1816
	0.1955	0.2098	0.2245	0.2397	0.2555
	0.2717	0.2883	0.3055	0.3234	0.3422
	0.3619	0.3826	0.4043	0.4283	0.4544
	0.4819	0.5110	0.5424	0.5766	0.6116
	0.6471	0.6830	0.7195	0.7565	0.7941
	0.8321	0.8708	0.9107	0.9519	1.0000
Hrad:	0.0261	0.0570	0.0955	0.1305	0.1729
	0.2141	0.2537	0.2919	0.3289	0.3648
	0.3999	0.4342	0.4678	0.5007	0.5331
	0.5651	0.5965	0.6258	0.6549	0.6838
	0.7124	0.7409	0.7691	0.7961	0.8217
	0.8473	0.8729	0.8985	0.9069	0.9123
	0.9196	0.9286	0.9157	0.8737	0.8736
	0.8781	0.8738	0.8563	0.8515	0.8971
	0.9355	0.9736	1.0113	1.0487	1.0857
	1.1225	1.1449	1.1607	1.1658	1.0000
Width:	0.0504	0.0908	0.1084	0.1259	0.1341
	0.1415	0.1490	0.1564	0.1638	0.1713
	0.1787	0.1862	0.1936	0.2010	0.2085
	0.2159	0.2234	0.2315	0.2396	0.2477
	0.2558	0.2640	0.2721	0.2806	0.2897
	0.2987	0.3077	0.3168	0.3323	0.3497
	0.3670	0.3844	0.4123	0.4583	0.4865
	0.5136	0.5476	0.5936	0.6349	0.6392
	0.6485	0.6579	0.6672	0.6766	0.6860
	0.6953	0.7136	0.7364	0.7666	1.0000
Transect A95					
Area:	0.0009	0.0035	0.0080	0.0142	0.0222
	0.0317	0.0418	0.0525	0.0636	0.0752
	0.0873	0.0999	0.1128	0.1260	0.1396
	0.1535	0.1677	0.1823	0.1971	0.2123
	0.2279	0.2438	0.2600	0.2765	0.2934
	0.3106	0.3281	0.3459	0.3641	0.3826
	0.4015	0.4209	0.4409	0.4616	0.4830
	0.5052	0.5282	0.5519	0.5764	0.6017
	0.6294	0.6601	0.6934	0.7290	0.7667
	0.8074	0.8517	0.8992	0.9488	1.0000
Hrad:	0.0262	0.0524	0.0785	0.1047	0.1309
	0.1680	0.2109	0.2522	0.2921	0.3308
	0.3684	0.4086	0.4494	0.4893	0.5286
	0.5672	0.6051	0.6425	0.6793	0.7156
	0.7515	0.7868	0.8218	0.8564	0.8906
	0.9244	0.9580	0.9912	1.0241	1.0568
	1.0828	1.1010	1.1197	1.1319	1.1431
	1.1554	1.1686	1.1826	1.1973	1.1899
	1.1149	1.0695	1.0405	1.0343	1.0216
	0.9852	0.9639	0.9601	0.9798	1.0000
Width:	0.0341	0.0682	0.1023	0.1364	0.1704
	0.1898	0.1993	0.2088	0.2183	0.2279
	0.2374	0.2447	0.2510	0.2573	0.2637
	0.2700	0.2764	0.2827	0.2890	0.2954
	0.3017	0.3080	0.3144	0.3207	0.3271
	0.3334	0.3397	0.3461	0.3524	0.3588
	0.3673	0.3788	0.3902	0.4042	0.4189
	0.4337	0.4484	0.4631	0.4778	0.5022
	0.5615	0.6144	0.6639	0.7025	0.7485
	0.8181	0.8827	0.9361	0.9681	1.0000
Transect A96					
Area:	0.0005	0.0020	0.0045	0.0080	0.0126
	0.0179	0.0236	0.0296	0.0360	0.0426
	0.0496	0.0569	0.0645	0.0724	0.0807
	0.0940	0.1107	0.1319	0.1535	0.1755
	0.1979	0.2206	0.2438	0.2673	0.2914
	0.3159	0.3408	0.3661	0.3916	0.4175

Hrad:	0.4438	0.4703	0.4972	0.5244	0.5519
	0.5798	0.6080	0.6365	0.6652	0.6943
	0.7237	0.7533	0.7832	0.8134	0.8439
	0.8746	0.9056	0.9368	0.9683	1.0000
	0.0160	0.0319	0.0479	0.0639	0.0798
	0.1030	0.1284	0.1527	0.1762	0.1989
	0.2210	0.2425	0.2636	0.2842	0.3038
	0.3043	0.2334	0.1960	0.2243	0.2522
	0.2798	0.3069	0.3325	0.3576	0.3824
	0.4069	0.4332	0.4592	0.4850	0.5105
Width:	0.5357	0.5609	0.5858	0.6105	0.6350
	0.6594	0.6836	0.7084	0.7330	0.7574
	0.7816	0.8057	0.8296	0.8544	0.8790
	0.9035	0.9278	0.9520	0.9761	1.0000
	0.0315	0.0631	0.0946	0.1262	0.1577
	0.1742	0.1841	0.1940	0.2039	0.2138
	0.2237	0.2336	0.2435	0.2534	0.3065
	0.4567	0.6405	0.6734	0.6848	0.6962
	0.7077	0.7191	0.7333	0.7479	0.7625
	0.7768	0.7872	0.7976	0.8079	0.8183
Transect A99	0.8287	0.8389	0.8491	0.8593	0.8695
	0.8797	0.8897	0.8988	0.9079	0.9171
	0.9262	0.9353	0.9444	0.9523	0.9603
	0.9682	0.9762	0.9841	0.9921	1.0000
	0.0003	0.0013	0.0030	0.0053	0.0082
	0.0117	0.0157	0.0202	0.0253	0.0308
	0.0370	0.0439	0.0516	0.0601	0.0690
	0.0783	0.0881	0.0983	0.1089	0.1199
	0.1360	0.1539	0.1732	0.1942	0.2187
	0.2444	0.2705	0.2970	0.3239	0.3512
Area:	0.3790	0.4073	0.4361	0.4655	0.4955
	0.5262	0.5576	0.5897	0.6221	0.6549
	0.6880	0.7214	0.7551	0.7891	0.8235
	0.8581	0.8931	0.9284	0.9641	1.0000
	0.0180	0.0360	0.0540	0.0720	0.0922
	0.1126	0.1324	0.1518	0.1709	0.1902
	0.2042	0.2156	0.2284	0.2485	0.2719
	0.2948	0.3173	0.3394	0.3611	0.3825
	0.3866	0.3920	0.3998	0.3804	0.3081
	0.3404	0.3723	0.4019	0.4309	0.4597
Hrad:	0.4881	0.5148	0.5404	0.5657	0.5903
	0.6123	0.6342	0.6594	0.6890	0.7183
	0.7474	0.7763	0.8050	0.8335	0.8617
	0.8897	0.9176	0.9452	0.9727	1.0000
	0.0183	0.0366	0.0548	0.0731	0.0889
	0.1035	0.1181	0.1327	0.1473	0.1615
	0.1804	0.2028	0.2252	0.2409	0.2526
	0.2644	0.2762	0.2880	0.2998	0.3325
	0.4767	0.5157	0.5519	0.6187	0.7095
	0.7178	0.7262	0.7386	0.7511	0.7637
Width:	0.7762	0.7909	0.8068	0.8228	0.8395
	0.8594	0.8794	0.8944	0.9031	0.9119
	0.9206	0.9293	0.9380	0.9468	0.9557
	0.9645	0.9734	0.9823	0.9911	1.0000
	0.0033	0.0077	0.0127	0.0185	0.0259
	0.0358	0.0465	0.0582	0.0711	0.0868
	0.1055	0.1252	0.1454	0.1660	0.1870
	0.2083	0.2300	0.2519	0.2739	0.2961
	0.3183	0.3407	0.3633	0.3859	0.4087
	0.4316	0.4546	0.4777	0.5010	0.5243
Transect T-C1	0.5478	0.5713	0.5948	0.6183	0.6419
	0.6655	0.6892	0.7129	0.7366	0.7604
	0.7842	0.8080	0.8319	0.8558	0.8797
	0.9037	0.9277	0.9518	0.9759	1.0000
	0.0196	0.0400	0.0586	0.0718	0.0671
	0.0848	0.1011	0.1159	0.1250	0.1171
	0.1337	0.1523	0.1737	0.1948	0.2156
	0.2360	0.2563	0.2790	0.3017	0.3242
	0.3465	0.3688	0.3909	0.4129	0.4348
	0.4566	0.4782	0.4997	0.5212	0.5427
Area:	0.5660	0.5892	0.6124	0.6355	0.6586
	0.6817	0.7047	0.7277	0.7506	0.7735
	0.7963	0.8191	0.8419	0.8646	0.8873
	0.0196	0.0400	0.0586	0.0718	0.0671
	0.0848	0.1011	0.1159	0.1250	0.1171
	0.1337	0.1523	0.1737	0.1948	0.2156
	0.2360	0.2563	0.2790	0.3017	0.3242
	0.3465	0.3688	0.3909	0.4129	0.4348
	0.4566	0.4782	0.4997	0.5212	0.5427
	0.5660	0.5892	0.6124	0.6355	0.6586
Hrad:	0.6817	0.7047	0.7277	0.7506	0.7735
	0.7963	0.8191	0.8419	0.8646	0.8873

	0.9099	0.9325	0.9550	0.9775	1.0000
Width:					
	0.1708	0.1953	0.2198	0.2604	0.3900
	0.4258	0.4641	0.5073	0.5744	0.7492
	0.7967	0.8302	0.8452	0.8603	0.8753
	0.8904	0.9052	0.9102	0.9153	0.9203
	0.9254	0.9304	0.9355	0.9406	0.9456
	0.9507	0.9557	0.9608	0.9658	0.9705
	0.9720	0.9734	0.9749	0.9764	0.9779
	0.9793	0.9808	0.9823	0.9838	0.9852
	0.9867	0.9882	0.9897	0.9911	0.9926
	0.9941	0.9956	0.9970	0.9985	1.0000

Transect T-C108

Area:					
	0.0010	0.0027	0.0051	0.0084	0.0128
	0.0180	0.0241	0.0310	0.0392	0.0486
	0.0585	0.0694	0.0815	0.0943	0.1079
	0.1237	0.1416	0.1608	0.1806	0.2009
	0.2218	0.2440	0.2673	0.2915	0.3169
	0.3430	0.3693	0.3956	0.4221	0.4486
	0.4752	0.5018	0.5286	0.5554	0.5823
	0.6093	0.6364	0.6636	0.6908	0.7182
	0.7456	0.7731	0.8007	0.8285	0.8566
	0.8849	0.9134	0.9422	0.9711	1.0000

Hrad:					
	0.0195	0.0388	0.0546	0.0662	0.0832
	0.1003	0.1164	0.1320	0.1252	0.1464
	0.1669	0.1727	0.1940	0.2130	0.2255
	0.2200	0.2257	0.2462	0.2684	0.2905
	0.3123	0.3157	0.3323	0.3495	0.3520
	0.3798	0.4075	0.4352	0.4627	0.4902
	0.5176	0.5449	0.5721	0.5992	0.6262
	0.6532	0.6801	0.7069	0.7336	0.7602
	0.7868	0.8133	0.8374	0.8589	0.8803
	0.9016	0.9227	0.9455	0.9728	1.0000

Width:					
	0.0507	0.0711	0.0940	0.1343	0.1669
	0.1959	0.2250	0.2535	0.3146	0.3333
	0.3520	0.4050	0.4294	0.4566	0.4958
	0.5806	0.6468	0.6741	0.6953	0.7129
	0.7305	0.7907	0.8214	0.8502	0.9031
	0.9060	0.9088	0.9117	0.9146	0.9174
	0.9203	0.9231	0.9260	0.9289	0.9317
	0.9346	0.9375	0.9403	0.9432	0.9461
	0.9489	0.9518	0.9573	0.9657	0.9741
	0.9825	0.9909	0.9974	0.9987	1.0000

Transect T-C111

Area:					
	0.0006	0.0024	0.0051	0.0088	0.0142
	0.0224	0.0317	0.0421	0.0536	0.0665
	0.0801	0.0942	0.1089	0.1240	0.1401
	0.1571	0.1757	0.1956	0.2158	0.2364
	0.2571	0.2782	0.2997	0.3217	0.3442
	0.3674	0.3914	0.4162	0.4413	0.4665
	0.4919	0.5175	0.5432	0.5691	0.5951
	0.6213	0.6476	0.6740	0.7005	0.7272
	0.7540	0.7809	0.8080	0.8351	0.8624
	0.8898	0.9172	0.9448	0.9723	1.0000

Hrad:					
	0.0139	0.0297	0.0435	0.0561	0.0690
	0.0701	0.0897	0.1063	0.1223	0.1387
	0.1600	0.1819	0.2034	0.2207	0.2352
	0.2526	0.2499	0.2695	0.2937	0.3176
	0.3413	0.3632	0.3822	0.4009	0.4216
	0.4417	0.4609	0.4621	0.4866	0.5109
	0.5351	0.5594	0.5838	0.6082	0.6324
	0.6565	0.6810	0.7054	0.7297	0.7538
	0.7779	0.8019	0.8258	0.8496	0.8742
	0.8995	0.9247	0.9499	0.9750	1.0000

Width:					
	0.0442	0.0799	0.1165	0.1582	0.2545
	0.3199	0.3543	0.3968	0.4397	0.4806
	0.5019	0.5192	0.5364	0.5632	0.5969
	0.6387	0.7048	0.7271	0.7364	0.7457
	0.7550	0.7673	0.7856	0.8039	0.8216
	0.8520	0.8824	0.9021	0.9083	0.9144
	0.9205	0.9263	0.9316	0.9368	0.9420
	0.9472	0.9517	0.9562	0.9607	0.9652
	0.9697	0.9742	0.9787	0.9833	0.9867
	0.9894	0.9920	0.9947	0.9973	1.0000

Transect T-C118

Area:	0.0001	0.0004	0.0009	0.0016	0.0026
	0.0054	0.0096	0.0149	0.0213	0.0309
	0.0433	0.0563	0.0700	0.0846	0.0999
	0.1156	0.1316	0.1480	0.1649	0.1823
	0.2011	0.2205	0.2402	0.2603	0.2807
	0.3016	0.3228	0.3443	0.3660	0.3881
	0.4111	0.4353	0.4599	0.4850	0.5108
	0.5389	0.5685	0.5987	0.6295	0.6607
	0.6926	0.7261	0.7599	0.7938	0.8278
	0.8620	0.8963	0.9308	0.9653	1.0000
Hrad:	0.0174	0.0347	0.0521	0.0695	0.0810
	0.0734	0.0843	0.0997	0.1123	0.1009
	0.1251	0.1508	0.1750	0.1983	0.2240
	0.2544	0.2833	0.3096	0.3350	0.3580
	0.3643	0.3927	0.4207	0.4472	0.4730
	0.4990	0.5269	0.5545	0.5819	0.6022
	0.5965	0.6210	0.6452	0.6659	0.6841
	0.6384	0.6629	0.6841	0.7063	0.7299
	0.7435	0.7500	0.7815	0.8128	0.8441
	0.8752	0.9061	0.9371	0.9686	1.0000
Width:	0.0056	0.0112	0.0168	0.0224	0.0476
	0.1061	0.1359	0.1657	0.2046	0.3467
	0.3660	0.3841	0.4074	0.4321	0.4474
	0.4557	0.4659	0.4794	0.4936	0.5107
	0.5536	0.5630	0.5725	0.5835	0.5951
	0.6060	0.6142	0.6224	0.6306	0.6462
	0.6910	0.7029	0.7147	0.7302	0.7685
	0.8464	0.8599	0.8775	0.8936	0.9074
	0.9336	0.9701	0.9741	0.9780	0.9820
	0.9859	0.9899	0.9937	0.9968	1.0000
Transect T-C1450_1					
Area:	0.0002	0.0006	0.0014	0.0024	0.0040
	0.0066	0.0105	0.0155	0.0212	0.0274
	0.0347	0.0439	0.0545	0.0663	0.0792
	0.0926	0.1064	0.1212	0.1374	0.1554
	0.1746	0.1949	0.2163	0.2391	0.2629
	0.2874	0.3126	0.3387	0.3655	0.3926
	0.4199	0.4473	0.4749	0.5031	0.5322
	0.5623	0.5926	0.6231	0.6538	0.6846
	0.7155	0.7465	0.7777	0.8090	0.8405
	0.8723	0.9041	0.9360	0.9680	1.0000
Hrad:	0.0160	0.0321	0.0507	0.0653	0.0631
	0.0636	0.0799	0.0944	0.1141	0.1408
	0.1615	0.1649	0.1830	0.1944	0.2030
	0.2275	0.2523	0.2746	0.2856	0.2640
	0.2934	0.3207	0.3460	0.3696	0.3927
	0.4155	0.4382	0.4574	0.4340	0.4639
	0.4933	0.5226	0.5451	0.5716	0.5981
	0.5973	0.6252	0.6535	0.6825	0.7117
	0.7409	0.7700	0.7989	0.8278	0.8489
	0.8794	0.9096	0.9398	0.9699	1.0000
Width:	0.0097	0.0194	0.0274	0.0364	0.0641
	0.1036	0.1413	0.1647	0.1861	0.2072
	0.2554	0.3060	0.3489	0.3898	0.4106
	0.4237	0.4428	0.4823	0.5284	0.5892
	0.6188	0.6451	0.6941	0.7289	0.7519
	0.7792	0.7960	0.8286	0.8430	0.8472
	0.8518	0.8566	0.8720	0.8891	0.9290
	0.9421	0.9486	0.9542	0.9587	0.9626
	0.9664	0.9703	0.9742	0.9780	0.9907
	0.9925	0.9943	0.9962	0.9981	1.0000
Transect T-C61					
Area:	0.0027	0.0075	0.0149	0.0282	0.0418
	0.0557	0.0698	0.0842	0.0989	0.1139
	0.1292	0.1449	0.1612	0.1780	0.1955
	0.2134	0.2316	0.2502	0.2692	0.2886
	0.3084	0.3287	0.3495	0.3706	0.3921
	0.4139	0.4362	0.4589	0.4822	0.5060
	0.5300	0.5540	0.5781	0.6023	0.6266
	0.6510	0.6754	0.6999	0.7245	0.7492
	0.7739	0.7987	0.8236	0.8485	0.8736
	0.8987	0.9239	0.9492	0.9745	1.0000
Hrad:	0.0161	0.0376	0.0298	0.0551	0.0799
	0.1041	0.1280	0.1514	0.1744	0.1970

Width:	0.2193	0.2371	0.2541	0.2709	0.2883
	0.3089	0.3292	0.3490	0.3666	0.3840
	0.4012	0.4182	0.4351	0.4542	0.4735
	0.4908	0.5056	0.5203	0.5350	0.5515
	0.5751	0.5986	0.6220	0.6453	0.6684
	0.6914	0.7144	0.7372	0.7598	0.7824
	0.8049	0.8272	0.8495	0.8716	0.8937
	0.9156	0.9374	0.9584	0.9792	1.0000
	0.1718	0.2047	0.5155	0.5265	0.5375
	0.5486	0.5596	0.5707	0.5817	0.5927
Transect T-C71	0.6038	0.6261	0.6497	0.6734	0.6948
	0.7077	0.7206	0.7340	0.7517	0.7693
	0.7869	0.8046	0.8222	0.8352	0.8473
	0.8627	0.8824	0.9022	0.9219	0.9380
	0.9410	0.9439	0.9469	0.9499	0.9528
	0.9558	0.9588	0.9618	0.9647	0.9677
	0.9707	0.9736	0.9766	0.9796	0.9825
	0.9855	0.9885	0.9923	0.9962	1.0000
	0.0071	0.0144	0.0220	0.0298	0.0378
	0.0461	0.0546	0.0634	0.0724	0.0817
Area:	0.0911	0.1009	0.1108	0.1211	0.1315
	0.1422	0.1531	0.1643	0.1757	0.1874
	0.1993	0.2118	0.2247	0.2382	0.2521
	0.2666	0.2815	0.2970	0.3130	0.3296
	0.3468	0.3647	0.3851	0.4096	0.4373
	0.4664	0.4961	0.5266	0.5579	0.5901
	0.6232	0.6571	0.6935	0.7328	0.7748
	0.8195	0.8645	0.9096	0.9548	1.0000
	0.0446	0.0877	0.1295	0.1702	0.2098
	0.2483	0.2860	0.3229	0.3590	0.3944
Hrad:	0.4291	0.4633	0.4969	0.5299	0.5625
	0.5947	0.6264	0.6577	0.6886	0.7192
	0.7393	0.7542	0.7697	0.7856	0.8021
	0.8190	0.8362	0.8538	0.8678	0.8803
	0.8936	0.9075	0.9158	0.9154	0.6899
	0.7179	0.7456	0.7712	0.7949	0.8185
	0.8420	0.8579	0.8254	0.8179	0.8027
	0.8247	0.8686	0.9125	0.9563	1.0000
	0.1592	0.1645	0.1698	0.1751	0.1804
	0.1857	0.1911	0.1964	0.2017	0.2070
Width:	0.2123	0.2176	0.2230	0.2283	0.2336
	0.2389	0.2442	0.2495	0.2549	0.2602
	0.2692	0.2804	0.2916	0.3027	0.3139
	0.3251	0.3362	0.3474	0.3602	0.3739
	0.3877	0.4014	0.5055	0.5793	0.6337
	0.6495	0.6652	0.6826	0.7017	0.7208
	0.7399	0.7658	0.8401	0.8959	0.9654
	0.9938	0.9954	0.9969	0.9985	1.0000
	0.0006	0.0026	0.0057	0.0095	0.0138
	0.0186	0.0240	0.0298	0.0362	0.0430
Transect T-C74	0.0505	0.0589	0.0686	0.0793	0.0911
	0.1039	0.1177	0.1330	0.1500	0.1681
	0.1870	0.2067	0.2271	0.2483	0.2701
	0.2924	0.3152	0.3386	0.3625	0.3870
	0.4120	0.4375	0.4635	0.4902	0.5174
	0.5451	0.5734	0.6023	0.6318	0.6618
	0.6926	0.7242	0.7566	0.7897	0.8236
	0.8582	0.8932	0.9285	0.9641	1.0000
	0.0181	0.0362	0.0582	0.0848	0.1094
	0.1327	0.1550	0.1766	0.1977	0.2183
Hrad:	0.2306	0.2350	0.2425	0.2538	0.2678
	0.2825	0.2970	0.2977	0.3064	0.3288
	0.3508	0.3726	0.3936	0.4176	0.4432
	0.4684	0.4932	0.5178	0.5420	0.5660
	0.5898	0.6131	0.6358	0.6583	0.6806
	0.7027	0.7247	0.7465	0.7682	0.7855
	0.8021	0.8187	0.8353	0.8520	0.8688
	0.8895	0.9175	0.9452	0.9727	1.0000
	0.0355	0.0711	0.0984	0.1126	0.1267
	0.1409	0.1551	0.1692	0.1834	0.1976
Width:	0.2193	0.2515	0.2836	0.3136	0.3414
	0.3692	0.3978	0.4483	0.4915	0.5133
	0.5350	0.5568	0.5792	0.5969	0.6117

	0.6266	0.6415	0.6563	0.6712	0.6860
	0.7009	0.7159	0.7315	0.7471	0.7627
	0.7783	0.7939	0.8094	0.8250	0.8452
	0.8664	0.8876	0.9088	0.9300	0.9512
	0.9678	0.9759	0.9839	0.9920	1.0000
Transect T-C76					
Area:	0.0005	0.0019	0.0044	0.0078	0.0121
	0.0175	0.0238	0.0311	0.0394	0.0490
	0.0599	0.0720	0.0849	0.0985	0.1129
	0.1281	0.1440	0.1606	0.1777	0.1955
	0.2139	0.2328	0.2523	0.2725	0.2933
	0.3148	0.3372	0.3604	0.3844	0.4092
	0.4345	0.4604	0.4869	0.5140	0.5417
	0.5699	0.5988	0.6280	0.6575	0.6873
	0.7174	0.7477	0.7783	0.8092	0.8403
	0.8717	0.9034	0.9353	0.9675	1.0000
Hrad:	0.0163	0.0327	0.0490	0.0653	0.0817
	0.0980	0.1143	0.1307	0.1437	0.1562
	0.1696	0.1883	0.2091	0.2295	0.2494
	0.2690	0.2889	0.3108	0.3324	0.3535
	0.3744	0.3950	0.4153	0.4354	0.4517
	0.4673	0.4829	0.4986	0.5143	0.5331
	0.5531	0.5730	0.5928	0.6124	0.6318
	0.6511	0.6709	0.6972	0.7234	0.7493
	0.7751	0.8007	0.8261	0.8514	0.8765
	0.9015	0.9264	0.9510	0.9756	1.0000
Width:	0.0298	0.0595	0.0893	0.1191	0.1488
	0.1786	0.2084	0.2381	0.2747	0.3143
	0.3540	0.3831	0.4065	0.4299	0.4534
	0.4768	0.4991	0.5173	0.5354	0.5536
	0.5717	0.5898	0.6080	0.6261	0.6496
	0.6742	0.6987	0.7232	0.7478	0.7678
	0.7857	0.8037	0.8216	0.8395	0.8574
	0.8753	0.8924	0.9007	0.9090	0.9172
	0.9255	0.9338	0.9421	0.9503	0.9586
	0.9669	0.9752	0.9834	0.9917	1.0000
Transect T-C78					
Area:	0.0002	0.0006	0.0014	0.0025	0.0039
	0.0056	0.0076	0.0100	0.0126	0.0156
	0.0198	0.0264	0.0366	0.0488	0.0616
	0.0751	0.0891	0.1038	0.1196	0.1376
	0.1570	0.1773	0.1985	0.2205	0.2434
	0.2676	0.2928	0.3189	0.3457	0.3734
	0.4018	0.4310	0.4610	0.4915	0.5223
	0.5532	0.5842	0.6153	0.6466	0.6781
	0.7096	0.7413	0.7732	0.8052	0.8373
	0.8696	0.9020	0.9345	0.9672	1.0000
Hrad:	0.0165	0.0330	0.0495	0.0660	0.0825
	0.0990	0.1155	0.1320	0.1486	0.1651
	0.1189	0.1139	0.1025	0.1299	0.1563
	0.1819	0.2066	0.2269	0.2451	0.2416
	0.2634	0.2848	0.3060	0.3272	0.3441
	0.3602	0.3796	0.4014	0.4229	0.4441
	0.4637	0.4846	0.5062	0.5333	0.5636
	0.5938	0.6239	0.6537	0.6834	0.7129
	0.7423	0.7715	0.8006	0.8295	0.8583
	0.8869	0.9154	0.9437	0.9719	1.0000
Width:	0.0095	0.0189	0.0284	0.0378	0.0473
	0.0568	0.0662	0.0757	0.0852	0.0946
	0.1677	0.2339	0.3615	0.3802	0.3988
	0.4175	0.4362	0.4630	0.4936	0.5765
	0.6033	0.6300	0.6564	0.6820	0.7161
	0.7521	0.7810	0.8044	0.8278	0.8511
	0.8771	0.9004	0.9218	0.9326	0.9368
	0.9411	0.9453	0.9495	0.9537	0.9579
	0.9621	0.9663	0.9705	0.9747	0.9789
	0.9832	0.9874	0.9916	0.9958	1.0000
Transect T-C8					
Area:	0.0020	0.0042	0.0065	0.0089	0.0114
	0.0141	0.0169	0.0198	0.0228	0.0260
	0.0296	0.0342	0.0416	0.0496	0.0591
	0.0706	0.0864	0.1054	0.1266	0.1508
	0.1766	0.2026	0.2288	0.2552	0.2817
	0.3085	0.3354	0.3625	0.3897	0.4171

Hrad:	0.4447	0.4724	0.5003	0.5284	0.5567
	0.5852	0.6139	0.6427	0.6717	0.7009
	0.7302	0.7596	0.7892	0.8190	0.8489
	0.8789	0.9091	0.9393	0.9696	1.0000
Width:	0.0296	0.0575	0.0840	0.1092	0.1334
	0.1567	0.1792	0.2011	0.2223	0.2431
	0.2294	0.2008	0.1638	0.1826	0.1987
	0.2100	0.1723	0.1752	0.1960	0.1797
	0.2084	0.2370	0.2656	0.2943	0.3228
	0.3511	0.3793	0.4072	0.4351	0.4629
	0.4907	0.5183	0.5451	0.5718	0.5983
	0.6247	0.6509	0.6775	0.7045	0.7313
	0.7580	0.7845	0.8110	0.8374	0.8636
	0.8897	0.9174	0.9450	0.9726	1.0000
Transect T-C84 Area:	0.0687	0.0729	0.0771	0.0813	0.0855
	0.0897	0.0939	0.0981	0.1023	0.1065
	0.1283	0.2159	0.2541	0.2811	0.3420
	0.4525	0.5612	0.6751	0.7321	0.8428
	0.8504	0.8579	0.8645	0.8701	0.8758
	0.8815	0.8871	0.8928	0.8984	0.9037
	0.9087	0.9139	0.9202	0.9265	0.9328
	0.9390	0.9453	0.9509	0.9557	0.9606
	0.9654	0.9703	0.9752	0.9800	0.9849
	0.9897	0.9923	0.9948	0.9974	1.0000
Hrad:	0.0002	0.0007	0.0027	0.0075	0.0169
	0.0267	0.0370	0.0476	0.0585	0.0697
	0.0813	0.0935	0.1060	0.1188	0.1319
	0.1452	0.1589	0.1737	0.1896	0.2103
	0.2353	0.2611	0.2870	0.3129	0.3388
	0.3648	0.3908	0.4169	0.4430	0.4691
	0.4953	0.5215	0.5478	0.5740	0.6004
	0.6267	0.6531	0.6796	0.7061	0.7326
	0.7592	0.7858	0.8124	0.8391	0.8658
	0.8926	0.9194	0.9462	0.9731	1.0000
Width:	0.0136	0.0271	0.0300	0.0233	0.0479
	0.0723	0.0964	0.1203	0.1436	0.1663
	0.1862	0.2056	0.2274	0.2496	0.2715
	0.2931	0.3028	0.3113	0.3224	0.2514
	0.2479	0.2746	0.3012	0.3278	0.3543
	0.3808	0.4072	0.4335	0.4598	0.4861
	0.5123	0.5384	0.5645	0.5905	0.6165
	0.6424	0.6683	0.6941	0.7199	0.7456
	0.7713	0.7969	0.8225	0.8480	0.8734
	0.8989	0.9242	0.9495	0.9748	1.0000
Transect T-C97 Area:	0.0137	0.0274	0.1094	0.3273	0.3562
	0.3732	0.3872	0.3991	0.4110	0.4232
	0.4411	0.4589	0.4706	0.4804	0.4902
	0.5000	0.5295	0.5633	0.6270	0.8946
	0.9577	0.9593	0.9608	0.9623	0.9638
	0.9652	0.9667	0.9681	0.9696	0.9710
	0.9725	0.9739	0.9754	0.9768	0.9783
	0.9797	0.9812	0.9826	0.9841	0.9855
	0.9870	0.9884	0.9899	0.9913	0.9928
	0.9942	0.9957	0.9971	0.9986	1.0000
Hrad:	0.0002	0.0007	0.0015	0.0027	0.0043
	0.0061	0.0084	0.0109	0.0138	0.0170
	0.0205	0.0242	0.0282	0.0328	0.0391
	0.0464	0.0557	0.0683	0.0832	0.0989
	0.1163	0.1353	0.1558	0.1774	0.1997
	0.2235	0.2482	0.2739	0.3006	0.3288
	0.3576	0.3871	0.4174	0.4483	0.4798
	0.5116	0.5450	0.5789	0.6130	0.6472
	0.6816	0.7162	0.7509	0.7858	0.8209
	0.8562	0.8916	0.9272	0.9633	1.0000
Width:	0.0186	0.0372	0.0558	0.0743	0.0929
	0.1115	0.1301	0.1487	0.1692	0.1902
	0.2107	0.2309	0.2509	0.2144	0.2164
	0.2259	0.2166	0.2089	0.2035	0.2262
	0.2366	0.2536	0.2749	0.3011	0.3257
	0.3428	0.3648	0.3921	0.4034	0.4295
	0.4576	0.4822	0.5076	0.5349	0.5646
	0.5941	0.6003	0.6342	0.6678	0.7013
	0.7346	0.7678	0.8009	0.8339	0.8667

Width:	0.8993	0.9310	0.9613	0.9912	1.0000
	0.0092	0.0184	0.0277	0.0369	0.0461
	0.0553	0.0645	0.0738	0.0819	0.0896
	0.0973	0.1050	0.1127	0.1535	0.1813
	0.2167	0.2914	0.3821	0.4108	0.4394
	0.4942	0.5363	0.5697	0.5921	0.6163
	0.6554	0.6840	0.7023	0.7491	0.7696
	0.7856	0.8071	0.8267	0.8426	0.8542
	0.8658	0.9125	0.9171	0.9218	0.9264
	0.9311	0.9356	0.9400	0.9444	0.9489
	0.9533	0.9586	0.9651	0.9824	1.0000

Transect T-SMC14

Area:	0.0044	0.0103	0.0168	0.0237	0.0311
	0.0390	0.0473	0.0561	0.0654	0.0751
	0.0853	0.0962	0.1078	0.1201	0.1331
	0.1469	0.1616	0.1777	0.1950	0.2128
	0.2312	0.2500	0.2694	0.2892	0.3095
	0.3303	0.3514	0.3730	0.3950	0.4175
	0.4404	0.4637	0.4876	0.5119	0.5366
	0.5619	0.5883	0.6160	0.6450	0.6751
	0.7064	0.7385	0.7708	0.8032	0.8358
	0.8684	0.9011	0.9340	0.9669	1.0000

Hrad:	0.0254	0.0555	0.0838	0.1105	0.1359
	0.1602	0.1837	0.2065	0.2286	0.2503
	0.2710	0.2851	0.2997	0.3148	0.3300
	0.3454	0.3486	0.3529	0.3677	0.3906
	0.4131	0.4353	0.4572	0.4789	0.5003
	0.5228	0.5460	0.5689	0.5899	0.6106
	0.6311	0.6515	0.6717	0.6917	0.7117
	0.7233	0.7209	0.7205	0.7246	0.7296
	0.7334	0.7595	0.7899	0.8202	0.8505
	0.8806	0.9106	0.9405	0.9703	1.0000

Width:	0.1735	0.1877	0.2019	0.2161	0.2303
	0.2445	0.2587	0.2729	0.2871	0.3013
	0.3159	0.3385	0.3607	0.3827	0.4047
	0.4267	0.4652	0.5054	0.5322	0.5469
	0.5616	0.5763	0.5910	0.6057	0.6204
	0.6335	0.6452	0.6570	0.6709	0.6849
	0.6988	0.7128	0.7268	0.7407	0.7547
	0.7775	0.8169	0.8559	0.8912	0.9265
	0.9644	0.9736	0.9769	0.9802	0.9835
	0.9868	0.9901	0.9934	0.9967	1.0000

Transect T-U012001

Area:	0.0016	0.0043	0.0078	0.0120	0.0168
	0.0223	0.0283	0.0350	0.0421	0.0499
	0.0582	0.0672	0.0773	0.0888	0.1013
	0.1145	0.1289	0.1442	0.1605	0.1777
	0.1956	0.2145	0.2344	0.2549	0.2756
	0.2968	0.3185	0.3413	0.3650	0.3891
	0.4134	0.4379	0.4627	0.4878	0.5141
	0.5412	0.5689	0.5970	0.6255	0.6544
	0.6839	0.7140	0.7446	0.7764	0.8109
	0.8462	0.8823	0.9197	0.9594	1.0000

Hrad:	0.0297	0.0568	0.0839	0.1091	0.1351
	0.1609	0.1861	0.2105	0.2343	0.2586
	0.2796	0.2934	0.2963	0.3057	0.3267
	0.3463	0.3593	0.3787	0.3975	0.4200
	0.4407	0.4593	0.4797	0.5131	0.5465
	0.5750	0.5999	0.6041	0.6333	0.6677
	0.7019	0.7361	0.7701	0.7961	0.7959
	0.8197	0.8464	0.8751	0.9051	0.9284
	0.9525	0.9769	0.9958	0.9824	0.9609
	0.9844	0.9956	0.9898	0.9924	1.0000

Width:	0.0536	0.0756	0.0927	0.1098	0.1247
	0.1386	0.1523	0.1661	0.1798	0.1928
	0.2080	0.2289	0.2608	0.2905	0.3100
	0.3307	0.3587	0.3808	0.4038	0.4231
	0.4440	0.4671	0.4886	0.4967	0.5043
	0.5162	0.5309	0.5651	0.5764	0.5827
	0.5890	0.5950	0.6009	0.6128	0.6460
	0.6603	0.6722	0.6822	0.6910	0.7049
	0.7181	0.7309	0.7478	0.7904	0.8439
	0.8597	0.8863	0.9293	0.9668	1.0000

Analysis Options

Flow Units CMS
Process Models:
 Rainfall/Runoff YES
 RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing YES
 Ponding Allowed NO
 Water Quality NO
Infiltration Method CURVE_NUMBER
Flow Routing Method DYNWAVE
Surcharge Method EXTRAN
Starting Date 04/10/2025 00:00:00
Ending Date 04/12/2025 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	1.400	103.500
Evaporation Loss	0.000	0.000
Infiltration Loss	0.367	27.125
Surface Runoff	1.018	75.263
Final Storage	0.019	1.418
Continuity Error (%)	-0.295	

*****	Volume	Volume
Flow Routing Continuity	hectare-m	10^6 ltr
*****	-----	-----
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	1.018	10.178
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	0.645	6.448
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.326	3.257
Final Stored Volume	0.698	6.980
Continuity Error (%)	0.051	

Time-Step Critical Elements

Link PDDC01 (71.76%)
Link C131 (14.83%)
Link PD_IS_HDPE300 (11.00%)

Highest Flow Instability Indexes

Link OFC_CC600 (10)

Most Frequent Nonconverging Nodes

Convergence obtained at all time steps.

Routing Time Step Summary

Minimum Time Step : 0.00 sec
Average Time Step : 2.54 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 : 50.13 %
3.155 - 1.991 sec : 5.86 %
1.991 - 1.256 sec : 2.29 %
1.256 - 0.792 sec : 39.55 %
0.792 - 0.500 sec : 2.16 %

Subcatchment Runoff Summary

-----			Total	Total	Total	Total	Imperv	Perv	Total
Total	Peak	Runoff							
Runoff	Runoff	Coeff	Precip	Runon	Evap	Infil	Runoff	Runoff	Runoff
Subcatchment			mm	mm	mm	mm	mm	mm	mm
10^6 ltr	CMS								

S1			103.50	0.00	0.00	54.58	7.14	40.64	47.78
0.20	0.07	0.462							
S1_1			103.50	0.00	0.00	54.63	7.14	40.58	47.72
0.07	0.02	0.461							
S1_10			103.50	0.00	0.00	54.53	7.14	40.72	47.86
0.04	0.01	0.462							
S1_2			103.50	0.00	0.00	54.39	7.14	40.87	48.01
0.10	0.04	0.464							
S115_2			103.50	0.00	0.00	6.80	81.96	13.45	95.41
0.01	0.00	0.922							
S15_4			103.50	0.00	0.00	54.39	7.14	40.88	48.02
0.09	0.04	0.464							
S2			103.50	0.00	0.00	54.58	7.14	40.64	47.78
0.20	0.07	0.462							
S2_13			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.02	0.01	0.919							
S2_14			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.03	0.01	0.919							
S2_16			103.50	16.26	0.00	54.79	8.28	55.53	63.81
0.36	0.10	0.533							
S2_18			103.50	0.00	0.00	54.29	7.14	41.02	48.16
0.07	0.03	0.465							
S2_19			103.50	0.00	0.00	54.21	7.15	41.11	48.26
0.03	0.02	0.466							
S2_20			103.50	0.00	0.00	54.29	7.14	41.00	48.14
0.08	0.03	0.465							
S2_22			103.50	0.00	0.00	55.29	7.14	39.85	46.99
0.03	0.01	0.454							
S2_24			103.50	0.00	0.00	55.27	7.14	39.86	47.01
0.02	0.00	0.454							
S2_25			103.50	0.00	0.00	55.00	7.14	40.15	47.29
0.02	0.00	0.457							
S2_26			103.50	0.00	0.00	55.37	7.14	39.76	46.91
0.01	0.00	0.453							
S2_30			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.03	0.01	0.919							
S2_31			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.02	0.01	0.919							
S2_32			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.02	0.01	0.919							
S2_34			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.02	0.01	0.919							
S2_35			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.02	0.01	0.919							
S2_36			103.50	0.00	0.00	6.80	81.62	13.45	95.07
0.04	0.01	0.919							
S2_37			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.02	0.01	0.919							
S2_38			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.03	0.01	0.919							
S2_39			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.03	0.01	0.919							
S2_4			103.50	0.00	0.00	6.80	82.00	13.40	95.40
0.02	0.01	0.922							
S2_40			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.02	0.01	0.919							
S2_41			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.01	0.01	0.919							
S20_1			103.50	0.00	0.00	0.00	102.50	0.00	102.50
0.61	0.21	0.990							
S20_10			103.50	0.00	0.00	0.00	102.50	0.00	102.50
0.61	0.21	0.990							
S20_11			103.50	0.00	0.00	0.00	102.50	0.00	102.50
0.74	0.26	0.990							

S20_12			103.50	0.00	0.00	6.80	82.00	13.41	95.41
0.04	0.01	0.922							
S20_13			103.50	0.00	0.00	0.00	102.50	0.00	102.50
0.81	0.28	0.990							
S20_2			103.50	0.00	0.00	6.80	81.98	13.44	95.43
0.12	0.04	0.922							
S20_3			103.50	0.00	0.00	0.00	102.50	0.00	102.50
1.04	0.36	0.990							
S20_6			103.50	0.00	0.00	6.80	81.98	13.44	95.43
0.10	0.04	0.922							
S20_7			103.50	0.00	0.00	0.00	102.50	0.00	102.50
0.16	0.05	0.990							
S20_8			103.50	0.00	0.00	0.00	102.50	0.00	102.50
0.79	0.27	0.990							
S20_9			103.50	0.00	0.00	0.00	102.50	0.00	102.50
0.62	0.21	0.990							
S22_4			103.50	0.00	0.00	6.80	81.86	13.48	95.34
0.03	0.01	0.921							
S22_5			103.50	0.00	0.00	6.80	81.86	13.48	95.34
0.05	0.02	0.921							
S37_2			103.50	0.00	0.00	54.90	7.14	40.28	47.42
0.61	0.15	0.458							
S56_1			103.50	0.00	0.00	54.29	7.15	41.00	48.15
0.14	0.06	0.465							
S63_2			103.50	0.00	0.00	54.58	7.14	40.64	47.78
0.16	0.05	0.462							
S63_3			103.50	0.00	0.00	54.45	7.14	40.82	47.96
0.18	0.07	0.463							
S7			103.50	0.00	0.00	6.80	81.97	13.45	95.42
0.47	0.17	0.922							
S8			103.50	0.00	0.00	6.80	81.98	13.44	95.42
0.30	0.11	0.922							
S80_3			103.50	0.00	0.00	6.80	81.99	13.44	95.43
0.03	0.01	0.922							
S88_3			103.50	0.00	0.00	6.80	81.96	13.45	95.41
0.06	0.02	0.922							
S9_1			103.50	0.00	0.00	54.37	7.14	40.90	48.04
0.17	0.07	0.464							
S9_10			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.03	0.01	0.919							
S9_2			103.50	0.00	0.00	54.58	7.14	40.64	47.78
0.09	0.03	0.462							
S9_3			103.50	0.00	0.00	54.58	7.14	40.64	47.78
0.12	0.04	0.462							
S9_4			103.50	18.23	0.00	54.34	8.43	57.91	66.34
0.10	0.04	0.545							
S9_5			103.50	0.00	0.00	54.47	7.14	40.76	47.90
0.13	0.05	0.463							
S9_6			103.50	14.15	0.00	54.92	8.13	53.41	61.54
0.15	0.04	0.523							
S9_7			103.50	21.85	0.00	55.22	8.67	60.27	68.95
0.09	0.02	0.550							
S9_8			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.03	0.01	0.919							
S9_9			103.50	0.00	0.00	6.80	81.64	13.47	95.11
0.03	0.01	0.919							
S91_1			103.50	0.00	0.00	6.80	81.97	13.45	95.42
0.05	0.02	0.922							

Node Depth Summary

		Average	Maximum	Maximum	Time of Max		Reported
		Depth	Depth	HGL	Occurrence		Max Depth
Node	Type	Meters	Meters	Meters	days	hr:min	Meters
16017	JUNCTION	0.06	0.31	93.73	0	12:39	0.31
16094	JUNCTION	0.00	0.00	92.18	0	00:00	0.00
16130	JUNCTION	0.06	0.31	93.73	0	12:41	0.31
25010	JUNCTION	0.02	0.32	94.72	0	12:08	0.32
25025	JUNCTION	0.02	0.13	94.76	0	12:12	0.13
26419	JUNCTION	0.00	0.00	94.00	0	00:00	0.00
26456	JUNCTION	0.13	0.49	94.72	0	12:09	0.49
26578	JUNCTION	0.00	0.00	95.36	0	00:00	0.00
DDJ01	JUNCTION	0.00	0.00	100.38	0	00:00	0.00
DDJ02	JUNCTION	0.01	0.09	100.12	0	12:03	0.09
DDJ03	JUNCTION	0.00	0.07	99.98	0	12:08	0.07
DDJ04	JUNCTION	0.01	0.09	99.78	0	12:02	0.09
DDJ05	JUNCTION	0.01	0.09	99.47	0	12:07	0.09
DDJ06	JUNCTION	0.01	0.09	99.31	0	12:06	0.09
DDJ07	JUNCTION	0.01	0.13	98.51	0	12:02	0.13
DDJ08	JUNCTION	0.01	0.13	98.15	0	12:04	0.13
DDJ09	JUNCTION	0.01	0.15	98.00	0	12:03	0.15
DDJ10	JUNCTION	0.01	0.12	97.81	0	12:04	0.12

DDJ11	JUNCTION	0.01	0.12	97.59	0	12:05	0.12
DDJ12	JUNCTION	0.01	0.16	97.44	0	12:04	0.16
DDJ13	JUNCTION	0.01	0.12	97.16	0	12:06	0.12
DDJ14	JUNCTION	0.01	0.15	96.42	0	12:07	0.15
J101	JUNCTION	0.00	0.00	99.06	0	00:00	0.00
J117	JUNCTION	0.00	0.00	100.45	0	00:00	0.00
J14	JUNCTION	0.00	0.00	92.06	0	00:00	0.00
J152	JUNCTION	0.00	0.00	102.59	0	00:00	0.00
J160	JUNCTION	0.00	0.00	103.54	0	00:00	0.00
J17	JUNCTION	0.00	0.00	92.73	0	00:00	0.00
J2	JUNCTION	0.02	0.23	93.73	0	12:39	0.23
J24	JUNCTION	0.00	0.00	96.89	0	00:00	0.00
J253	JUNCTION	0.00	0.00	102.19	0	00:00	0.00
J259	JUNCTION	0.00	0.00	99.32	0	00:00	0.00
J26	JUNCTION	0.06	0.37	98.29	0	12:00	0.37
J274	JUNCTION	0.00	0.00	91.38	0	00:00	0.00
J276	JUNCTION	0.00	0.00	96.26	0	00:00	0.00
J28	JUNCTION	0.00	0.08	100.40	0	12:03	0.08
J29	JUNCTION	0.01	0.21	101.26	0	12:01	0.21
J3	JUNCTION	0.00	0.00	102.30	0	00:00	0.00
J30	JUNCTION	0.01	0.14	101.45	0	12:00	0.14
J31	JUNCTION	0.01	0.12	101.93	0	12:00	0.12
J32	JUNCTION	0.00	0.08	102.16	0	12:00	0.08
J33	JUNCTION	0.00	0.00	94.89	0	00:00	0.00
J34	JUNCTION	0.00	0.06	102.56	0	12:00	0.06
J35	JUNCTION	0.00	0.00	94.77	0	00:00	0.00
J36	JUNCTION	0.01	0.20	94.72	0	12:08	0.20
J38	JUNCTION	0.99	1.35	98.05	0	20:54	1.35
J39	JUNCTION	0.35	0.67	98.19	0	12:00	0.67
J43	JUNCTION	0.00	0.00	94.81	0	00:00	0.00
J46	JUNCTION	0.00	0.06	98.30	0	12:00	0.06
J47	JUNCTION	0.58	0.87	98.08	0	20:54	0.87
J48	JUNCTION	0.01	0.18	98.46	0	12:00	0.18
J49	JUNCTION	0.01	0.11	101.11	0	12:00	0.11
J5	JUNCTION	0.00	0.00	91.80	0	00:00	0.00
J50	JUNCTION	0.01	0.33	99.16	0	12:00	0.33
J51	JUNCTION	0.04	0.86	99.16	0	12:00	0.86
J52	JUNCTION	0.01	0.17	100.17	0	12:00	0.17
J53	JUNCTION	0.00	0.00	97.11	0	00:00	0.00
J54	JUNCTION	0.02	0.38	99.47	0	12:00	0.38
J55	JUNCTION	0.01	0.53	99.16	0	12:00	0.53
J56	JUNCTION	0.28	0.63	98.23	0	12:00	0.63
J58	JUNCTION	0.00	0.04	99.62	0	12:00	0.04
J59	JUNCTION	0.00	0.05	99.15	0	12:00	0.05
J60	JUNCTION	0.01	0.09	98.60	0	12:00	0.08
J61	JUNCTION	0.01	0.19	98.50	0	12:00	0.19
J62	JUNCTION	0.00	0.03	102.03	0	12:00	0.03
J63	JUNCTION	0.00	0.07	99.67	0	12:00	0.07
J64	JUNCTION	0.00	0.00	97.50	0	00:00	0.00
J65	JUNCTION	0.00	0.07	99.22	0	11:57	0.07
J66	JUNCTION	0.00	0.06	98.46	0	12:02	0.05
J67	JUNCTION	0.00	0.08	96.08	0	12:01	0.08
J68	JUNCTION	0.01	0.14	95.00	0	12:01	0.14
J69	JUNCTION	0.02	0.22	94.86	0	12:02	0.22
J70	JUNCTION	0.01	0.17	99.63	0	12:00	0.17
J71	JUNCTION	0.02	0.29	98.29	0	12:00	0.29
J72	JUNCTION	0.30	0.52	98.08	0	20:54	0.52
J73	JUNCTION	0.00	0.00	99.79	0	00:00	0.00
J8	JUNCTION	0.00	0.00	90.51	0	00:00	0.00
J80	JUNCTION	0.00	0.00	98.08	0	00:00	0.00
J87	JUNCTION	0.01	0.12	100.10	0	12:00	0.12
J88	JUNCTION	0.01	0.14	101.73	0	12:00	0.14
J89	JUNCTION	0.23	0.58	98.23	0	12:00	0.58
J9	JUNCTION	0.25	0.45	98.08	0	20:54	0.45
J90	JUNCTION	0.00	0.00	102.50	0	00:00	0.00
J92	JUNCTION	0.00	0.00	98.28	0	00:00	0.00
J93	JUNCTION	0.01	0.11	99.31	0	12:00	0.11
J94	JUNCTION	0.12	0.46	98.28	0	12:00	0.46
PDDJ01	JUNCTION	0.09	0.11	96.78	0	20:55	0.11
PDDJ02	JUNCTION	0.09	0.11	96.76	0	20:55	0.11
PDDJ03	JUNCTION	0.09	0.11	96.72	0	20:56	0.11
PDDJ04	JUNCTION	0.09	0.13	96.65	0	12:00	0.13
PDDJ05	JUNCTION	0.10	0.19	96.49	0	12:00	0.19
PDDJ06	JUNCTION	0.12	0.24	96.42	0	12:01	0.24
PDDJ07	JUNCTION	0.07	0.22	96.27	0	12:00	0.22
PDDJ08	JUNCTION	0.09	0.31	95.81	0	12:00	0.31
PDDJ09	JUNCTION	0.11	0.35	95.63	0	12:01	0.35
PDDJ10	JUNCTION	0.06	0.24	95.40	0	12:01	0.24
PDDJ11	JUNCTION	0.09	0.42	94.72	0	12:09	0.42
T009007	JUNCTION	0.00	0.00	100.64	0	00:00	0.00
T012001	JUNCTION	0.00	0.00	101.00	0	00:00	0.00
T013002	JUNCTION	0.00	0.00	100.64	0	00:00	0.00
T013003	JUNCTION	0.00	0.00	100.81	0	00:00	0.00
T013006	JUNCTION	0.00	0.00	101.35	0	00:00	0.00

T013007	JUNCTION	0.00	0.00	101.66	0	00:00	0.00
T013012	JUNCTION	0.00	0.00	103.47	0	00:00	0.00
T013016	JUNCTION	0.00	0.00	103.45	0	00:00	0.00
T013019	JUNCTION	0.00	0.00	104.45	0	00:00	0.00
T013020	JUNCTION	0.00	0.00	104.78	0	00:00	0.00
T013021	JUNCTION	0.00	0.00	105.12	0	00:00	0.00
T013022	JUNCTION	0.00	0.00	105.45	0	00:00	0.00
T013023	JUNCTION	0.00	0.00	105.79	0	00:00	0.00
T013024	JUNCTION	0.00	0.00	106.12	0	00:00	0.00
T013025	JUNCTION	0.00	0.00	106.29	0	00:00	0.00
T013031	JUNCTION	0.00	0.00	107.32	0	00:00	0.00
T013032	JUNCTION	0.00	0.00	107.71	0	00:00	0.00
T013033	JUNCTION	0.00	0.00	108.26	0	00:00	0.00
T013037	JUNCTION	0.00	0.00	108.54	0	00:00	0.00
T013042	JUNCTION	0.00	0.00	108.52	0	00:00	0.00
T013044	JUNCTION	0.00	0.00	108.53	0	00:00	0.00
T013045	JUNCTION	0.00	0.00	108.54	0	00:00	0.00
T014001	JUNCTION	0.00	0.00	103.48	0	00:00	0.00
T015001	JUNCTION	0.00	0.00	104.54	0	00:00	0.00
T015003	JUNCTION	0.00	0.00	106.14	0	00:00	0.00
T016001	JUNCTION	0.00	0.00	108.62	0	00:00	0.00
T016003	JUNCTION	0.00	0.00	108.77	0	00:00	0.00
T043003	JUNCTION	0.00	0.00	101.17	0	00:00	0.00
OF-A	OUTFALL	0.00	0.00	91.50	0	00:00	0.00
OF-B	OUTFALL	0.04	0.23	93.53	0	12:41	0.23
OF-C	OUTFALL	0.09	0.31	94.46	0	12:09	0.31
OF-EX	OUTFALL	0.00	0.00	89.62	0	00:00	0.00
SU1	STORAGE	2.21	2.58	98.08	0	20:54	2.58

Node Inflow Summary

		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
Node	Type							
16017	JUNCTION	0.153	0.153	0	12:00	0.606	0.606	-0.154
16094	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
16130	JUNCTION	0.000	0.361	0	12:06	0	2.15	0.579
25010	JUNCTION	0.040	0.063	0	12:00	0.151	0.348	0.022
25025	JUNCTION	0.008	0.050	0	12:01	0.0219	0.189	0.190
26419	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
26456	JUNCTION	0.000	0.242	0	12:03	0	4.43	0.215
26578	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
DDJ01	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
DDJ02	JUNCTION	0.000	0.064	0	12:03	0	0.201	-0.012
DDJ03	JUNCTION	0.000	0.065	0	12:04	0	0.201	0.038
DDJ04	JUNCTION	0.067	0.098	0	12:00	0.2	0.402	-0.028
DDJ05	JUNCTION	0.000	0.098	0	12:04	0	0.402	0.030
DDJ06	JUNCTION	0.067	0.136	0	12:02	0.202	0.604	0.021
DDJ07	JUNCTION	0.122	0.229	0	12:00	0.342	0.945	-0.016
DDJ08	JUNCTION	0.000	0.222	0	12:03	0	0.945	0.012
DDJ09	JUNCTION	0.040	0.247	0	12:03	0.119	1.06	0.000
DDJ10	JUNCTION	0.000	0.247	0	12:04	0	1.06	-0.001
DDJ11	JUNCTION	0.000	0.246	0	12:04	0	1.06	0.005
DDJ12	JUNCTION	0.031	0.264	0	12:04	0.0943	1.16	-0.002
DDJ13	JUNCTION	0.000	0.264	0	12:05	0	1.16	0.005
DDJ14	JUNCTION	0.103	0.313	0	12:03	0.263	1.42	-0.723
J101	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J117	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J14	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J152	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J160	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J17	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J2	JUNCTION	0.000	0.090	0	12:06	0	0.109	1.643
J24	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J253	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J259	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								

J26	JUNCTION	0.006	0.160	0	12:00	0.0341	0.562	0.012
J274	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J276	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J28	JUNCTION	0.000	0.065	0	12:01	0	0.201	0.029
J29	JUNCTION	0.016	0.069	0	12:00	0.0454	0.201	-0.005
J3	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J30	JUNCTION	0.004	0.054	0	12:00	0.0111	0.156	0.005
J31	JUNCTION	0.018	0.039	0	12:00	0.0517	0.112	-0.001
J32	JUNCTION	0.021	0.021	0	12:00	0.0606	0.0606	-0.021
J33	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J34	JUNCTION	0.011	0.011	0	12:00	0.032	0.032	-0.031
J35	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J36	JUNCTION	0.000	0.029	0	12:12	0	0.19	0.021
J38	JUNCTION	0.000	0.025	0	20:53	0	3.25	0.033
J39	JUNCTION	0.054	1.547	0	12:00	0.158	4.67	0.226
J43	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J46	JUNCTION	0.009	0.052	0	12:00	0.0239	0.171	-0.005
J47	JUNCTION	0.208	1.955	0	12:00	0.606	5.88	0.589
J48	JUNCTION	0.213	0.213	0	12:00	0.622	0.622	-0.063
J49	JUNCTION	0.107	0.107	0	12:00	0.303	0.303	-0.005
J5	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J50	JUNCTION	0.042	0.148	0	12:00	0.119	0.422	0.038
J51	JUNCTION	0.255	0.874	0	11:59	0.743	2.53	-0.026
J52	JUNCTION	0.165	0.165	0	12:00	0.47	0.47	-0.011
J53	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J54	JUNCTION	0.036	0.201	0	12:00	0.102	0.572	0.004
J55	JUNCTION	0.272	0.472	0	12:00	0.791	1.36	-0.004
J56	JUNCTION	0.210	0.634	0	12:00	0.612	1.98	0.251
J58	JUNCTION	0.016	0.016	0	12:00	0.0458	0.0458	-0.018
J59	JUNCTION	0.010	0.026	0	12:00	0.0349	0.0807	-0.001
J60	JUNCTION	0.011	0.037	0	12:00	0.0387	0.119	-0.022
J61	JUNCTION	0.008	0.044	0	12:00	0.0274	0.147	0.028
J62	JUNCTION	0.000	0.011	0	12:00	0	0.032	0.024
J63	JUNCTION	0.012	0.023	0	12:00	0.0355	0.0675	-0.013
J64	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J65	JUNCTION	0.000	0.023	0	12:00	0	0.0675	-0.021
J66	JUNCTION	0.000	0.023	0	12:01	0	0.0675	0.031
J67	JUNCTION	0.012	0.034	0	12:00	0.0329	0.1	-0.015
J68	JUNCTION	0.014	0.045	0	12:00	0.0387	0.139	-0.036
J69	JUNCTION	0.010	0.049	0	12:00	0.0281	0.167	-0.001
J70	JUNCTION	0.000	0.165	0	12:00	0	0.47	0.001
J71	JUNCTION	0.104	0.155	0	12:00	0.357	0.527	0.005
J72	JUNCTION	0.000	0.213	0	12:00	0	0.62	0.355
J73	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J8	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J80	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J87	JUNCTION	0.000	0.107	0	12:00	0	0.303	-0.042
J88	JUNCTION	0.012	0.051	0	12:00	0.0326	0.145	-0.023
J89	JUNCTION	0.000	0.431	0	12:00	0	1.38	0.224
J9	JUNCTION	0.000	0.213	0	12:00	0	0.622	0.311
J90	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J92	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
J93	JUNCTION	0.000	0.023	0	12:00	0	0.0675	0.015
J94	JUNCTION	0.279	0.436	0	12:00	0.813	1.37	-0.045
PDDJ01	JUNCTION	0.000	0.025	0	20:54	0	3.25	0.006
PDDJ02	JUNCTION	0.000	0.025	0	20:54	0	3.25	0.045
PDDJ03	JUNCTION	0.000	0.025	0	20:55	0	3.25	0.037
PDDJ04	JUNCTION	0.015	0.034	0	12:00	0.0349	3.28	0.090
PDDJ05	JUNCTION	0.033	0.066	0	12:00	0.0798	3.36	0.112
PDDJ06	JUNCTION	0.031	0.094	0	12:00	0.074	3.43	0.138
PDDJ07	JUNCTION	0.106	0.195	0	12:00	0.271	3.7	0.053
PDDJ08	JUNCTION	0.053	0.243	0	12:00	0.139	3.83	0.059
PDDJ09	JUNCTION	0.044	0.283	0	12:00	0.166	4	0.061
PDDJ10	JUNCTION	0.040	0.318	0	12:00	0.102	4.1	0.016
PDDJ11	JUNCTION	0.000	0.317	0	12:01	0	4.44	0.093
T009007	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T012001	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013002	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								

T013003	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013006	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013007	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013012	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013016	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013019	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013020	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013021	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013022	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013023	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013024	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013025	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013031	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013032	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013033	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013037	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013042	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013044	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T013045	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T014001	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T015001	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T015003	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T016001	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T016003	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
T043003	JUNCTION	0.000	0.000	0	00:00	0	0	0.000
ltr								
OF-A	OUTFALL	0.000	0.000	0	00:00	0	0	0.000
ltr								
OF-B	OUTFALL	0.000	0.157	0	12:41	0	2.03	0.000
OF-C	OUTFALL	0.000	0.230	0	12:09	0	4.42	0.000
OF-EX	OUTFALL	0.000	0.000	0	00:00	0	0	0.000
ltr								
SU1	STORAGE	0.357	2.310	0	12:00	1.04	10.1	0.098

Node Surcharge Summary

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

Node	Type	Hours Surcharged	Max. Height	Min. Depth
			Above Crown Meters	Below Rim Meters
T009007	JUNCTION	48.00	0.000	0.000
SU1	STORAGE	9.49	0.027	0.425

Node Flooding Summary

No nodes were flooded.

Storage Volume Summary

Average	Avg	Evap	Exfil	Maximum	Max	Time of Max	Maximum

Storage Unit	Volume 1000 m³	Pcnt Full	Pcnt Loss	Pcnt Loss	Volume 1000 m³	Pcnt Full	Occurrence days hr:min	Outflow CMS
SU1	6.996	63.8	0.0	0.0	8.647	78.9	0 20:54	0.025

Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 10^6 ltr
OF-A	0.00	0.000	0.000	0.000
OF-B	93.21	0.013	0.157	2.025
OF-C	97.97	0.027	0.230	4.423
OF-EX	0.00	0.000	0.000	0.000
System	47.80	0.040	0.338	6.448

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
AR02_HDPE450	CONDUIT	0.043	0 12:00	1.17	0.17	0.28
AR1_HDPE600	CONDUIT	0.029	0 12:12	1.03	0.05	0.27
C10	CONDUIT	0.000	0 00:00	0.00	0.00	0.00
C100	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C101	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C103	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C129	CONDUIT	0.037	0 12:00	0.22	0.04	0.28
C130	CONDUIT	0.011	0 12:00	0.20	0.00	0.04
C131	CONDUIT	1.955	0 12:00	1.62	0.11	0.85
C132_1	CONDUIT	0.023	0 12:00	0.22	0.00	0.05
C132_2	CONDUIT	0.023	0 12:00	0.21	0.01	0.08
C133	CONDUIT	0.023	0 12:01	0.32	0.01	0.06
C134	CONDUIT	0.023	0 12:02	0.30	0.01	0.08
C135	CONDUIT	0.032	0 12:01	0.24	0.01	0.12
C136	CONDUIT	0.041	0 12:02	0.17	0.02	0.18
C137	CONDUIT	0.045	0 12:03	0.21	0.16	0.17
C1450_1	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C20	CONDUIT	0.000	0 00:00	0.00	0.00	0.25
C25_3	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C26_1	CONDUIT	0.000	0 00:00	0.00	0.00	0.00
C26_2	CONDUIT	0.000	0 00:00	0.00	0.00	0.14
C26_5	CONDUIT	0.011	0 12:00	0.23	0.01	0.06
C30	CONDUIT	0.000	0 00:00	0.00	0.00	0.00
C30_3	CONDUIT	0.000	0 00:00	0.00	0.00	0.19
C36	CONDUIT	0.021	0 12:00	0.17	0.04	0.23
C45	CONDUIT	0.000	0 00:00	0.00	0.00	0.00
C46_1	CONDUIT	0.039	0 12:00	0.24	0.06	0.24
C46_2	CONDUIT	0.050	0 12:00	0.28	0.04	0.20
C47	CONDUIT	0.053	0 12:00	0.23	0.06	0.29
C50	CONDUIT	0.065	0 12:01	0.36	0.07	0.24
C57	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C60	CONDUIT	0.064	0 12:03	0.25	0.02	0.12
C70	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C72	CONDUIT	0.016	0 12:00	0.35	0.00	0.04
C75	CONDUIT	0.000	0 00:00	0.00	0.00	0.00
C80	CONDUIT	0.026	0 12:00	0.35	0.01	0.09
C81	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C86	CONDUIT	0.000	0 00:00	0.00	0.00	0.00
C87	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C89	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C91	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C93	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C95	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C96	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
C99	CHANNEL	0.000	0 00:00	0.00	0.00	0.00
DDC01	CONDUIT	0.000	0 00:00	0.00	0.00	0.06
DDC02	CONDUIT	0.065	0 12:04	0.39	0.01	0.09
DDC03	CONDUIT	0.058	0 12:08	0.23	0.00	0.06
DDC04	CONDUIT	0.098	0 12:04	0.34	0.01	0.07
DDC05	CONDUIT	0.096	0 12:07	0.33	0.01	0.07
DDC06	CONDUIT	0.132	0 12:06	0.37	0.01	0.08
DDC07	CONDUIT	0.222	0 12:03	0.51	0.01	0.09

DDC08	CONDUIT	0.220	0	12:04	0.47	0.02	0.12
DDC09	CONDUIT	0.247	0	12:04	0.54	0.02	0.12
DDC10	CONDUIT	0.246	0	12:04	0.59	0.02	0.13
DDC11	CONDUIT	0.246	0	12:05	0.50	0.03	0.17
DDC12	CONDUIT	0.264	0	12:05	0.76	0.04	0.18
DDC13	CONDUIT	0.263	0	12:06	0.74	0.03	0.13
MDC01	CONDUIT	0.165	0	12:00	0.74	0.03	0.17
MDC02	CONDUIT	0.165	0	12:00	0.40	0.03	0.28
MDC03_HDPE600	CONDUIT	0.200	0	12:00	1.11	0.12	0.60
MDC04	CONDUIT	0.474	0	11:59	0.29	0.03	0.51
MDC05_HDPE900	CONDUIT	0.865	0	12:00	1.50	0.35	0.85
NDC01	CONDUIT	0.052	0	12:00	0.24	0.03	0.38
NDC02	CONDUIT	0.154	0	12:00	0.40	0.16	0.70
NDC03	CONDUIT	0.165	0	12:01	0.32	0.18	0.75
NDC04	CONDUIT	0.431	0	12:00	0.42	0.33	0.79
NDC05	CONDUIT	0.432	0	12:00	0.17	0.12	0.72
NDC06	CONDUIT	0.629	0	12:00	0.42	0.42	0.77
NDC07	CONDUIT	1.540	0	12:00	1.06	0.25	0.57
NDC08	CONDUIT	0.214	0	12:00	0.33	0.02	0.55
NDC09_HDPE600	CONDUIT	0.213	0	12:00	1.39	0.49	0.80
NDC10	CONDUIT	0.213	0	12:00	0.45	0.05	0.38
OFA_CC700	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
OFB_CC700	CONDUIT	0.157	0	12:41	1.15	0.23	0.38
OFC_CC600	CONDUIT	0.230	0	12:09	1.15	0.70	0.67
PD_IS_HDPE300	CONDUIT	0.025	0	20:53	0.35	0.13	1.00
PDDC01	CONDUIT	0.025	0	20:54	0.31	0.04	0.23
PDDC02	CONDUIT	0.025	0	20:55	0.31	0.04	0.19
PDDC03	CONDUIT	0.025	0	20:56	0.32	0.01	0.13
PDDC04	CONDUIT	0.033	0	12:00	0.31	0.00	0.10
PDDC05	CONDUIT	0.063	0	12:00	0.32	0.01	0.13
PDDC06	CONDUIT	0.090	0	12:00	0.41	0.10	0.34
PDDC07	CONDUIT	0.191	0	12:00	0.70	0.12	0.44
PDDC08	CONDUIT	0.240	0	12:00	0.63	0.12	0.41
PDDC09	CONDUIT	0.281	0	12:01	0.87	0.14	0.37
PDDC10	CONDUIT	0.317	0	12:01	1.00	0.07	0.39
PUB_rd_DC01	CHANNEL	0.000	0	00:00	0.00	0.00	0.04
PUB_rd_DC02	CHANNEL	0.036	0	12:16	0.04	0.01	0.67
PUB_rd_DC03	CHANNEL	0.072	0	12:16	0.07	0.00	0.39
PUB_rd_DC04	CHANNEL	0.242	0	12:03	0.16	0.02	0.51
PUB_rd_DC05	CHANNEL	0.000	0	00:00	0.00	0.00	0.20
PUB_rd_DC06	CHANNEL	0.069	0	12:04	0.15	0.00	0.18
PUB_rd_DC07	CHANNEL	0.090	0	12:06	0.08	0.00	0.23
PUB_rd_DC08	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
SDC01	CONDUIT	0.107	0	12:00	0.76	0.01	0.11
SDC02	CONDUIT	0.106	0	12:00	0.70	0.02	0.22
SDC03	CONDUIT	0.181	0	12:02	0.14	0.01	0.51
SMC14	CHANNEL	0.300	0	12:07	0.56	0.04	0.30
U012001	CHANNEL	0.000	0	00:00	0.00	0.00	0.04
U013002	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013003	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013004	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013006_2	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013007	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013008	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013015	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013019	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013020	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013021	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013022	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013023	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013024	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013025	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013026	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013032	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013033	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013034	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013038	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013044	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U013045	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U014001	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U015002	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U016001	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
U016002	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
OR1	ORIFICE	0.025	0	20:54			1.00

	Adjusted	Fraction of Time in Flow Class								
	/Actual	Up		Down	Sub	Sup	Up	Down	Norm	Inlet
Conduit	Length	Dry	Dry	Dry	Crit	Crit	Crit	Crit	Ltd	Ctrl

AR02_HDPE450	1.00	0.00	0.00	0.00	0.44	0.56	0.00	0.00	0.00	0.01
AR1_HDPE600	1.00	0.00	0.00	0.00	0.35	0.65	0.00	0.00	0.00	0.02
C10	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C100	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C101	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C103	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C129	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C130	1.00	0.00	0.15	0.00	0.85	0.00	0.00	0.00	1.00	0.00
C131	1.00	0.00	0.00	0.00	0.93	0.01	0.00	0.06	0.18	0.00
C132_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
C132_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C133	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.42	0.00
C134	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.98	0.00
C135	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C136	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C137	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.33	0.00
C1450_1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C20	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C25_3	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C26_1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C26_2	1.00	0.09	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C26_5	1.00	0.12	0.15	0.00	0.73	0.00	0.00	0.00	0.00	0.00
C30	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C30_3	1.00	0.04	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C36	1.00	0.00	0.09	0.00	0.91	0.00	0.00	0.00	0.98	0.00
C45	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C46_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
C46_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
C47	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C50	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
C57	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C60	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.95	0.00
C70	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C72	1.00	0.11	0.21	0.00	0.68	0.00	0.00	0.00	0.67	0.00
C75	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C80	1.00	0.00	0.11	0.00	0.88	0.00	0.00	0.00	0.98	0.00
C81	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C86	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C87	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C89	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C91	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C93	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C95	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C96	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C99	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DDC01	1.00	0.01	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DDC02	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.49	0.00
DDC03	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.96	0.00
DDC04	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
DDC05	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.81	0.00
DDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
DDC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.51	0.00
DDC08	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
DDC09	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
DDC10	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.89	0.00
DDC11	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.98	0.00
DDC12	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.79	0.00
DDC13	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00
MDC01	1.00	0.00	0.06	0.00	0.94	0.00	0.00	0.00	0.90	0.00
MDC02	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
MDC03_HDPE600	1.00	0.00	0.00	0.00	0.45	0.55	0.00	0.00	0.00	0.71
MDC04	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
MDC05_HDPE900	1.00	0.00	0.00	0.00	0.95	0.05	0.00	0.00	0.00	0.96
NDC01	1.00	0.00	0.24	0.00	0.70	0.00	0.00	0.05	0.77	0.00
NDC02	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.69	0.00
NDC03	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.54	0.00
NDC04	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.18	0.00
NDC05	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.19	0.00
NDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.21	0.00
NDC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
NDC08	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.24	0.00
NDC09_HDPE600	1.00	0.00	0.00	0.00	0.76	0.24	0.00	0.00	0.00	0.03
NDC10	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
OFA_CC700	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OFB_CC700	1.00	0.03	0.00	0.00	0.67	0.30	0.00	0.00	0.00	0.54
OFC_CC600	1.00	0.02	0.00	0.00	0.98	0.01	0.00	0.00	0.00	0.25
PD_IS_HDPE300	1.00	0.00	0.02	0.00	0.95	0.00	0.03	0.00	0.00	0.00
PDDC01	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.08	0.00
PDDC02	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
PDDC03	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.90	0.00
PDDC04	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
PDDC05	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
PDDC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05	0.00

PDDC07	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
PDDC08	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
PDDC09	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
PDDC10	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
PUB_rd_DC01	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC02	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.95	0.00
PUB_rd_DC03	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
PUB_rd_DC04	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.83	0.00
PUB_rd_DC05	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC06	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
PUB_rd_DC07	1.00	0.03	0.21	0.00	0.75	0.00	0.00	0.00	0.47	0.00
PUB_rd_DC08	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SDC01	1.00	0.01	0.13	0.00	0.86	0.00	0.00	0.00	0.89	0.00
SDC02	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.01	0.00
SDC03	1.00	0.00	0.08	0.00	0.92	0.00	0.00	0.00	0.99	0.00
SMC14	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.91	0.00
U012001	1.00	0.04	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013002	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013003	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013004	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013006_2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013007	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013008	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013015	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013019	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013020	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013021	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013022	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013023	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013024	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013025	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013026	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013032	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013033	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013034	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013038	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013044	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U013045	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U014001	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U015002	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U016001	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
U016002	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

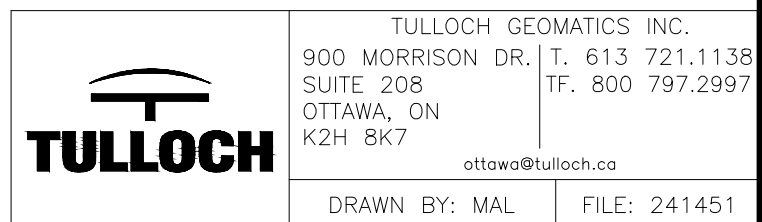
Conduit Surcharge Summary

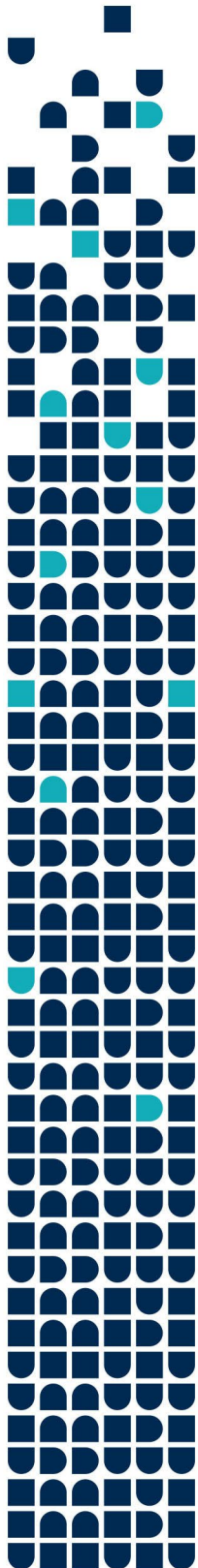
Conduit	Hours Full			Hours	Hours
	Both Ends	Upstream	Dnstream	Above Full Normal Flow	Capacity Limited
C131	0.01	0.01	9.48	0.01	0.01
PD_IS_HDPE300	37.16	37.16	47.25	0.01	0.01

Analysis begun on: Tue Apr 14 10:24:52 2026
Analysis ended on: Tue Apr 14 10:25:02 2026
Total elapsed time: 00:00:10



Appendix C: Topographic Survey





Appendix D: Stormwater Pond Calculation



		Date	November 5th 2025
		By	Bryan Thomas
		Appr.	Vincent Brunelle
Client	Evolugen - South March BESS	Project#	7154023
Subject	Stormwater Pond	Page	

Forebay length Calculation

Stormwater Management Planning and Design Manual - Ontario 2003

Settling calculation

Source:

r Length-to-width of forebay	2	Design
Q _p Peak flow rate during design storm	0.0002 m ³ /s	IDF
V _s Settling velocity	0.0003 m/s	Design manual

Dist Min Forebay length from settling 1.1547 m Eqn 4.5

Q Inlet flowrate	0.973 m ³ /s	Design
d Depth of permanent pool in forebay	1 m	Design
V _f Desired velocity in forebay	0.5 m/s	Design

Dist Min forebay length from dispersion 15.568 m Eqn. 4.6

Provided forebay length 20 m OK, Greater than 15.568m

W Min width of deep zone (>1m) 2.5 m Eqn. 4.7

Provided forebay width 10 m Ok, greater than 2.5m

Check average velocity <.15m/s 0.0973 Ok

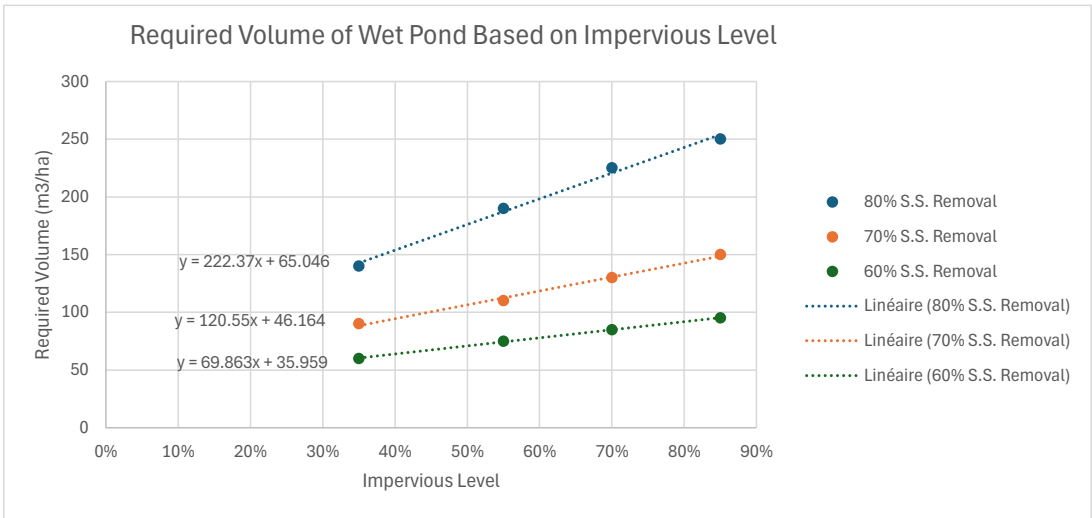
Required Volume of Permanent Pool

Stormwater Management Planning and Design Manual - Ontario 2003

Calculated through interpolation based on 100% impervious material for Enhanced protection level

Data from Table 3.2 in MOE Guidelines

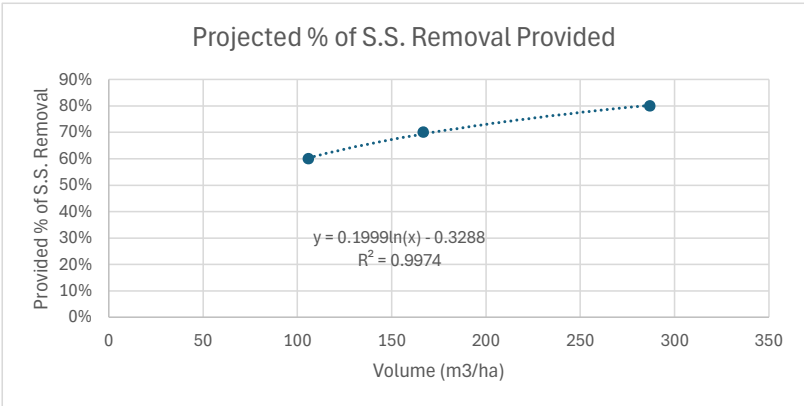
Impervious Level	35%	55%	70%	85%
Required Volume for 80% SS Removal (m3/ha)	140	190	225	250
Required Volume for 70% SS Removal (m3/ha)	90	110	130	150
Required Volume for 60% SS Removal (m3/ha)	60	75	85	95



		Date	November 5th 2025
		By	Bryan Thomas
		Appr.	Vincent Brunelle
Client	Evolugen - South March BESS	Project#	7154023
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Vreq/A Required Volume for 100% Impervious	287 m3/ha	
A Contributing developed area of site	6 ha	Design
Vreq Required Volume for 100% Impervious	1722 m3	
V Provided Volume	3256.0 m3	OK, Greater than 1722m3

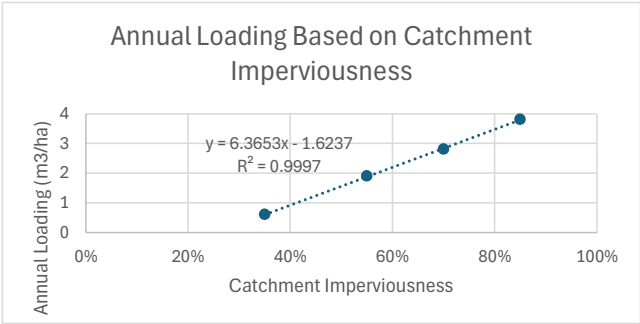
Provided S.S. Removal based on 100% Impervious					Table 3.2 from MOE Guidelines
% of S.S. Removal	60%	70%	80%		
Required Volume	105.822	166.71	287		



Provided Volume	543 m3/ha	Design
Projected % of S.S. Removal Provided	93%	

Target Maintenance Removal Efficiency	75%	Based on "Enhanced Protection" in MOE Guidelines		
Target Volume	220.81 m3/ha			

Imperviousness	35%	55%	70%	85%
Annual Loading (m3/ha)	0.6	1.9	2.8	3.8



Projected Annual Loading (100% Imp)	4.69418 m3/ha	Assuming 99% sediment removal
	28.1651 m3	
Provided Forebay Volume	200.00 m3	Design
Years for forebay to fill	7.10099 years	

