Evolugen

Trail Rd. BESS

Ottawa, ON

Technical Report

Stormwater Management Plan

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FOR PERMITTING

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1. Introduction

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

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

Figure 1: Site location (Source: GeoOttawa)

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

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

1.1. Abbreviations and acronyms

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

Table 1: Abbreviations and acronyms

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

1.2. Units and symbols

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

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

Table 2: Units and symbols

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

1.3. Codes, standards, regulations, and guidelines

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

Table 3: Codes, standards, regulations, and guidelines

Document code/Author	Document title
AWWA	American Waterworks Association
CAN/CGSB	Canadian General Standards Board
City of Ottawa	Official Plan (November 2022)
City of Ottawa	Ottawa Sewer Design Guidelines, SDG002 (October 2012)
City of Ottawa	Sewer Use Bylaw (Bylaw No. 2003-514) (January 2004)
City of Ottawa	Technical Bulletin PIEDTB-2016-01, Revisions to Ottawa Design Guidelines – Sewer (September 2016)
City of Ottawa	Technical Bulletin ISDTB-2018-04, Revisions to Ottawa Design Guidelines – Sewer (June 2018)
City of Ottawa	Technical Bulletin ISDTB-2019-02, Revisions to Ottawa Design Guidelines – Sewer (July 2019)
CSA	Erosion and sediment control installation and maintenance, W208:20
EPA/Government of Ontario	Environmental Protection Act, R.S.O. 1990, c. E.19
IEEE 980	Guide for Containment and Control of Oil Spills in Substations
OPS	Ontario Provincial Standards
Ontario MOE	Stormwater Management Planning and Design Manual (March 2003)
Ontario MOE	Design Guidelines for Sewage Works (2008)
Ontario MTO	Drainage Management Manual (1995-1997)
Ontario MTO	MTO Hydrotechnical Design Charts (2023)
Ontario MTO	Drainage Design Standards (2008)
Province of Ontario	Conservation Authorities Act – Ontario Regulation 41/24
CSA	MTO Highway Drainage Design Standards (January 2008)
OHSA/ USC	Occupational Health and Safety Act
Rideau Valley Conservation Authority (RVCA)	Development Activity Policies and Procedures (November 2024)
US EPA	Storm Water Management Model User's Manual Version 5.1 (September 2015)
USDA	Urban Hydrology for Small Watersheds TR-55 (June 1986)

1.4. Reference documents

The reference documents are summarized in Table 4.

Table 4: Reference documents

Document code/Author	Document title
Geotechnical reports	
Hatch Ltd.	*Trail Road Battery Energy Storage System (BESS) Preliminary Geotechnical Investigation (H375035-0000-2A0-066-0001, Rev. A), dated: February 3, 2025*
Hatch Ltd.	*Trail Road BESS Site Geotechnical Investigation - Hydrogeological and Terrain Analysis Study (H375035-0000-2A4-030-0001, Rev. A), dated: February 14, 2025*
Survey Plans	
Tulloch Geomatics Inc.	*Topographic Plan of Survey of Part of the Southeast Â¼ Lot 3 Concession 4 Rideau Front Geographic Township of Nepean City of Ottawa (File: 241437), dated: March 12, 2025*
Software and/or models	
EPA SWMM	Software, United States Environmental Protection Agency, *Version: 5.2.4*

2. Background

2.1. Site description

The BESS and substation portion of the Trail Road BESS project is approximately 4 ha of a 21.5-ha property at 4186 William McEwen Dr, Ottawa, Ontario. The site location is currently covered by trees and has no agricultural activities on it. The project is a proposed installation of 150 MW Battery Energy Storage System (BESS). The proposed development consists of the BESS area, substation, stormwater pond, and an access road (Figure 2 below).

Figure 2: BESS site (Source: Bing map)

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

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

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

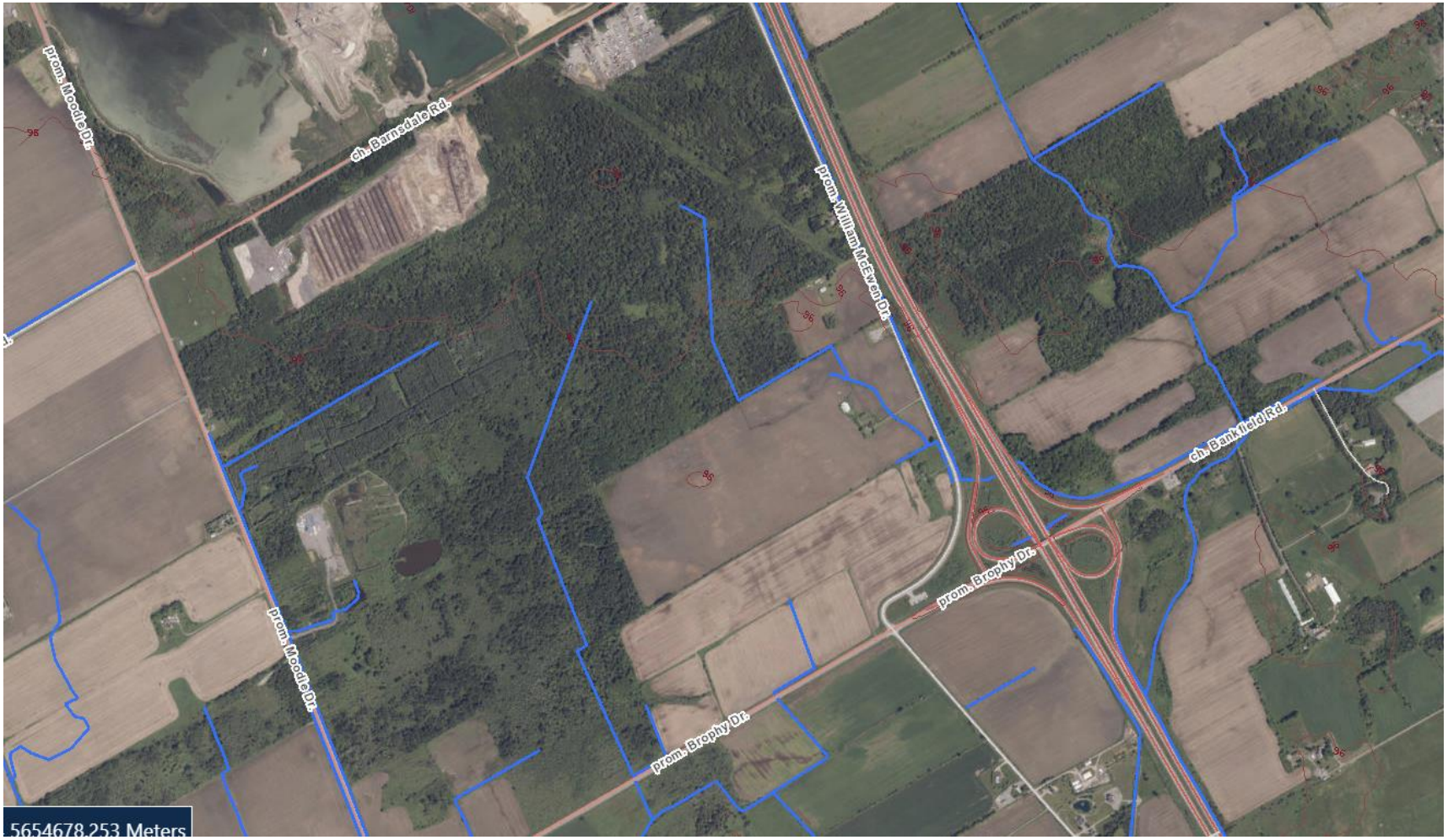


Figure 3: Watercourse and municipal drain adjacent to BESS site (Source: Ottawa Geoweb)

2.2. Subsurface and groundwater conditions

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

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

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

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

Hatch collected soil samples at 0.76-m intervals within the upper approximately 4.6 m and at 1.5 m intervals below that to be described and logged in the field. Additional soil samples were collected at approximately 0.3 m and 1.5 m below ground surface for laboratory testing (Hatch, 2025).

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

2.3. Regulation area and flooding hazard

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

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

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

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

3. Stormwater management plan

3.1. SWM concept

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

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

The entire storm network will be sized to manage the stormwater demand from the BESS site and meet all applicable standards and guidelines; these are described further in Section 4.3.1.

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

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

3.2. 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 5. A discussion about the design criteria and applied control measures are included in this section.

Table 5: Summary of stormwater management design criteria

SWM Criteria	Subcomponent	Control measures
Water Quantity	Peak Flow Control	▪ The proposed stormwater detention pond will be used for quantity control
	Volume Control	▪ Wet pond with control structure
	External Drainage Conveyance	▪ Diversion ditch around the site
Water Quality	Suspended Solids	▪ The proposed stormwater detention pond will be used for quality control
	Other Contaminants	▪ A petro-pipe will be installed to alleviate the risk of oil leaving the site in case of spillage
Stream Erosion Control		▪ Runoff from a 25-mm design storm (4-hour, Chicago distribution) will be detained and released over a period of at least 24 hours.
Erosion and Sediment Control		▪ Erosion and sediment control plan to reduce, contain, and treat sediment-laden runoff. More details in Section 6 of this report.

Water quantity

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

Water quality

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

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

Groundwater

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

Groundwater levels at the site are expected to fluctuate seasonally. Higher groundwater levels are anticipated during wet periods, such as spring or after prolonged precipitation events. Groundwater flow is shown in Figure 3. Refer to Hatch's Hydrogeological and Terrain Analysis Study (H375035-0000-2A4-030-0001) for more information. Groundwater quantity and quality assessments are not required for this study, as site development does not rely on groundwater for water supply or wastewater disposal purposes.

4. SWM modeling

The Computation Hydraulics Inc. (CHI) PCSWMM software version 7.7.3910 was used for modelling the pre- and post-development storm scenarios. SWMM is a dynamic rainfall-runoff simulation model used for singe event or long-term (continuous) simulation of runoff quantity and quality from primarily urban areas. The software was used to simulate overland flow and routing through various hydraulic structures such as swales, pipes, culverts, weirs, orifices, and the wet pond.

4.1. Parameters and assumptions

4.1.1. Topography

For the pre-development site, sub-catchment areas were delineated based on topographic survey "241437 Trail Road BESS MTM9-Rev0-20250312" along with publicly available GEO-Ottawa lidar for the natural terrain shape. For post-development conditions, sub-catchment areas were delineated based on the layout of the proposed drainage system and the proposed grading design.

4.1.2. Storm events

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

IDF data was obtained from the MTO IDF Curve Lookup website (MTO, 2010), refer to Appendix A. The resulting IDF curves are taken from a location approximately 5.3 km southeast of the site at 5889 First Line Road. The IDF curves from the lookup website were input into Dstorm to derive hydrographs for the SCS Type 2 and Chicago storm distributions. The 25 mm storm event using a 4-hour Chicago storm distribution was also simulated in the post-development condition for evaluating erosion quality control.

4.1.3. Hydrologic parameters

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

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

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

The CN values are summarized below in Table 6. For sub-catchments with mixed surfaces, a weighted average was used in the model.

Table 6: Curve number

Surface	Curve Number
Native site soils / Grass	69
Gravel (Sub-station and access road)	85
Impermeable ground	98

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

Table 7: Manning's n

Surface	Manning's n
N pervious	0.17
N impervious	0.012
N impervious for impervious pad*	0.025
Dstore pervious(mm)	6.5
Dstore impervious	1.54

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

4.2. Pre-development results

The pre-development sub-catchments, within the property limits of the BESS site, are shown in Figure 6.

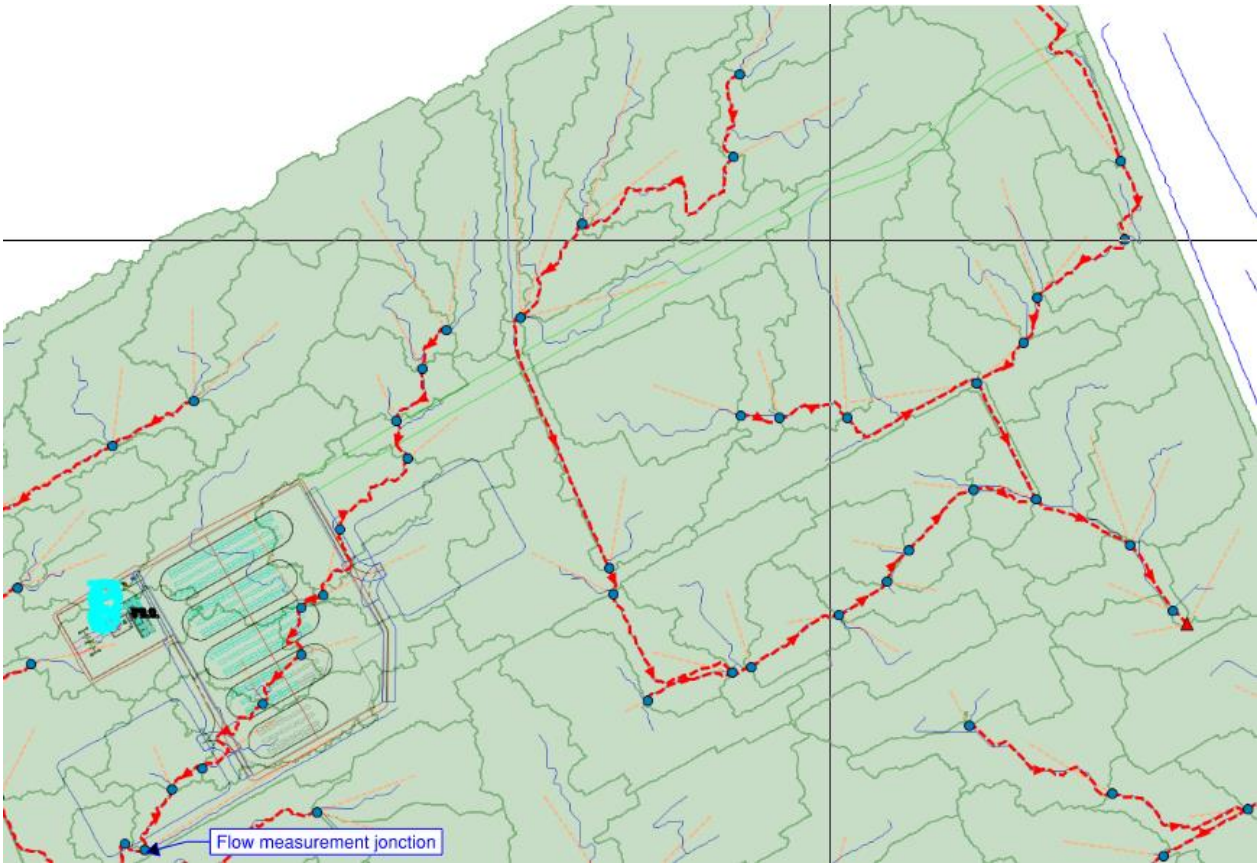


Figure 6: Pre-development sub-catchments

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

Table 8: SCS Type 2 Storm Pre-development Flows

Site	Return period	100 years	50 years	25 years	10 years	5 years	2 years
	Duration	m^3/s	m^3/s	m^3/s	m^3/s	m^3/s	m^3/s
Pre-development	12-hr	0.117	0.107	0.097	0.077	0.060	0.028
	24-hr	0.138	0.120	0.109	0.093	0.075	0.042

4.3. Post-development results

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

4.3.1. Proposed pond description

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

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

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

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

A 150-mm diameter reverse sloped pipe and an emergency weir outlet structure are proposed as outlet for the pond. These discharge to a concrete control structure that has three outlet pipes (75mm, 100mm, 150mm) at different invert to control outflow and emergency weir.

4.3.2. Pond downstream conditions

The pond outlet structure consists of a concrete box equipped with three outlet pipes (75mm, 100mm, 150mm) at different invert to control outflow and, a reverse sloped pipe (which acts as an inlet for the structure and an outlet for the pond).

The pond was analyzed with a free outflow condition at the outlet of the control structure. This was modelled to ensure the pond control structure can meet pre-development flow rates and that any change to infrastructure downstream of the pond does not impact the pond's ability to maintain pre-development flows.

A vegetation swale from the outlet of the control structure to the discharge point (approximately 100m) is proposed to encourage infiltration in normal conditions and as an additional measure to reduce long-term impact on the downstream environment.

4.3.3. Sub-catchment areas

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

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

Table 9: SCS Type 2 Storm Pre-development Flows

Sub-catchments	Imperviousness
Sub-station	76
Battery platforms	100
Access road	85

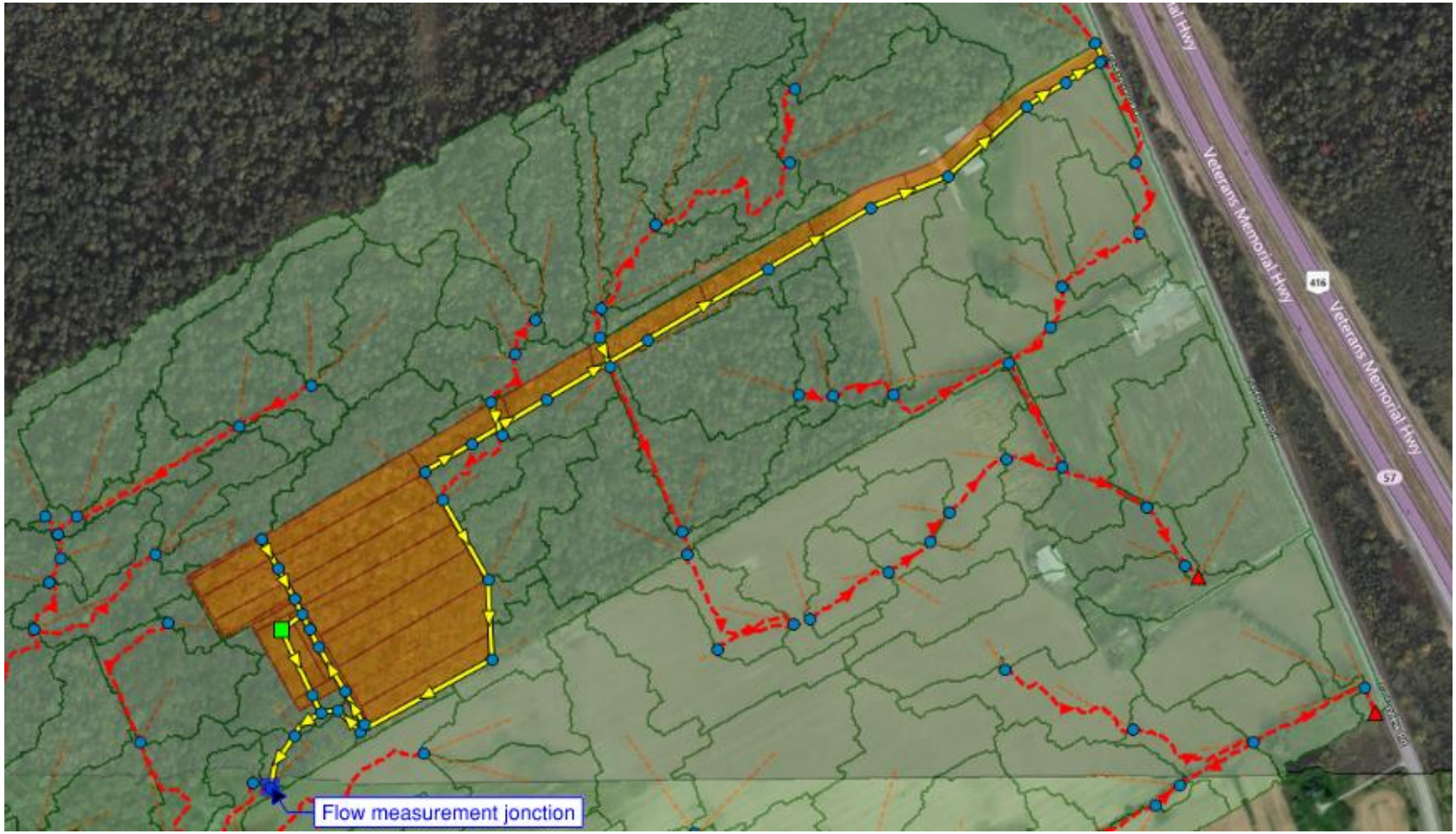


Figure 7: Post-development sub-catchment areas

4.3.4. 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 10 including the runoff from the BESS site.

Table 10: Wet pond design summary

Parameter	Minimum criteria (per MECP [formerly MOE] design guidelines)	Design value
Wet pond water quality storage requirement to meet enhanced Protection Level (80% removal of SS)	275 m^3/ha	373 m^3/ha
Detention time	24 hours	> 24 hours
Length-to-width ratio of the forebay	2:1	2:1
Overall length-to-width	3:1	3:1
Side slopes	3:1	3:1
Forebay	Minimum depth of 1 m Maximum 33% area of the total permanent pool	1.0 m depth 33% of total permanent pool area
Permanent pool depth	Maximum depth of 3 m	1.0 m
Active storage depth	Maximum 1.5 m for water quality/erosion control Maximum 2 m, including quantity control	0.45 m pool for water quality/erosion control 1.3 m for 100-yr quantity control.
Forebay length	Greater than or equal to the larger of the settling length and dispersion length: 11.0 m (1)	20 m
Freeboard	300 mm	300 mm under normal operating conditions
Inlet	Minimum 450 mm diameter	1m wide open ditch
Outlet	Minimum 100 mm diameter	1x75 mm diameter 1x100 mm diameter 1x150 mm diameter

1. The settling length and dispersion length are calculated as per "Stormwater Planning & Design Manual" (MOE, 2003) for the erosion control storm and a 10-year storm, respectively.

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

Based on the enhanced protection level of 80% long-term suspended solids removal and percentage of impervious area for the developed site, the MECP (formerly MOE) design manual Table 3.2 (MOE, 2003) requires 275 m^3/ha of storage volume. The permanent pond volume is calculated to be 1 100 m^3 to meet this requirement. Given the contributing developed areas of 3.86 ha for the BESS site, 1 400 m^3/ha of storage volume is provided, meeting the requirements of Table 3.2 (Figure 8) 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%
Enhanced 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
Normal 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
Basic 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 8: Water quality storage requirements
(source: Table 3.2 in Stormwater Management Planning and Design Manual MOE, 2003)

The active storage was sized as the larger of the erosion control active storage and quality control active storage. Quality control requires a storage volume of 40 m^3/ha, whereas erosion control requires a volume capable of providing 24 hours of detention time for a 25 mm, 4-hour Chicago storm. The quality control storage volume is 155 m^3 and the erosion control volume is 840 m^3.

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

A summary of results is presented in Table 12 through to Table 13.

4.3.5. Post-development flows

In Table 12, the controlled post-development flow rates leaving the wet pond with a free outfall, for the normal operating condition, is presented. The results meet MECP (formally MOE).

Table 11: SCS Type 2 Storm Post-development Flows

Site	Return period	100 years	50 years	25 years	10 years	5 years	2 years
	Duration	m^3/s	m^3/s	m^3/s	m^3/s	m^3/s	m^3/s
Post-development	12-hr	0.100	0.084	0.068	0.052	0.042	0.028
	24-hr	0.136	0.111	0.090	0.066	0.051	0.033

The city of Ottawa guidelines (pre-consultation letter) quantity control requires to have the flow from post-development 100years return period to be less than the flow from Pre-development two years return period. The table below shows the flows from the 100 years post development of the pad to the same flow measurement point.

Table 12: Post-development flows under normal operation vs pre-development flows

Return period	100-year post to 2-year pre
SCS Type 2 Duration	m^3/s
24-hr	0.041 / 0.042

4.3.6. Wet pond water elevation and storage volume

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

Table 13: Maximum water elevation during various storm events (free outfall at control structure)

Return period		100 years	50 years	25 years	10 years	5 years	2 years
SCS Type 2 duration							
24-hr Normal Operation	Water elevation (m)	2.2	2.12	2.06	1.93	1.82	1.64
	Active storage volume (m^3)	2712	2512	2338	2012	1736	1310
25 mm, 4-hr Chicago	Water elevation (m)	1.42					
	Active storage volume (m^3)	830					

5. Spill prevention and response

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

Per Sewer Use Bylaw "Bylaw No. 2003-514" (City of Ottawa, 2004) and the Ontario Technical Guide to Renewable Energy Approval, the maximum allowable concentration of oil and grease is 15 mg/L. The oil-filled substation transformer will have a concrete containment filled with fire-quenching stones and a sump pit with an oil detection system designed to meet the maximum allowable oil concentration. The sump pit is located inside the containment, connected by a gravity flow pipe to a nearby storm water catch basin manhole in the substation area. The pipes shall be sized appropriately to ensure flow rate is less than the design flow capacity of the sump pit with oil detection system.

The Ontario Technical Guide recommends that secondary containment is 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 is sized to hold 110% of oil volume. The governing scenario of these two guidelines will be considered in the design. And, as mentioned, clean water from the sump pit with oil detection system will be discharged back to the site stormwater system.

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

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

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

6. Erosion and sediment control

An erosion and sediment control (ESC) plan will ensure sediment-laden runoff does not damage downstream watercourses and receiving waters. The MECP (formerly MOE) design manual (MOE, 2003) requires that no off-site migration of sediment may occur. The ESC plan covers all phases of the project from clearing and grubbing, during construction, and cleaning/maintenance period. The permanent post-construction erosion control measures are discussed in Section 4.3.4. In this section, temporary ESC measures prior to and during construction are discussed.

The ESC plan is developed following guidelines based on "Stormwater Management Planning and Design Manual" (MOE, 2003) and the "Development Activity Policies and Procedures" (RVCA, 2024).

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.

7. Maintenance and monitoring

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

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

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

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

- Check the permanent pool elevation 48 hours after a storm event. If the water level is higher or lower than normal, check for leakages or blockages at the outlet and inlet, respectively.
- Check that the vegetation within the pond area is healthy. Revegetation may be required. To be conducted monthly to quarterly.
- Visually inspect for pollutants on the water surface and remove, as necessary. Indicators include trash, froth, or oily sheen. Conducted monthly to quarterly or as needed.
- Check pond structures such as forebay berm, orifices, and inlet/outlet pipes. Conducted monthly to quarterly, or as needed.
- Usage of herbicides and insecticides should be prohibited. Fertilizer should be limited to reduce nutrient loading downstream of the pond.
- Monitor sediment build up within the pond annually. Based on the predicted sediment loading of the pond per MOE guidelines, forebay sediment removal should occur once every 15 years or when 50% of the forebay volume is filled with sediment, whichever occurs first.
- Sediment removal in the main pool should be conducted every 25 years or when 50% of the main pool volume is filled with sediment, whichever occurs first.

- It is recommended to conduct sediment removal during dry periods to remove the need for a by-pass pipe. Existing vegetation to be protected and replaced if damaged during this process. Sediments are to be dried in a designated drying area surrounded by silt fences and disposed of per MOE Sediment Disposal Guidelines.
- Effluent samples should be collected at the pond discharge point and be tested to ensure Provincial Water Quality Objectives are met, as per the existing certificate of approval for industrial sewage works (see Table 4).

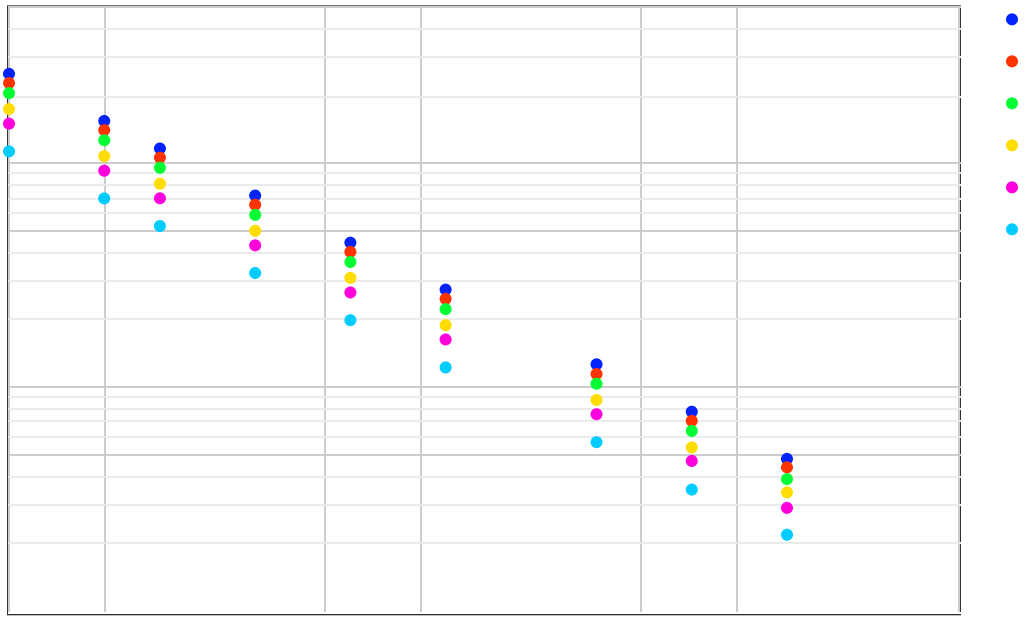
8. Recommendations and conclusion

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

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

Appendix A: IDF Data

Ontario IDF CURVE LOOKUP



Appendix B: PCSWMM Model Results

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

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.2 (Build 5.2.4)

****
Element Count
****
Number of rain gages 12
Number of subcatchments ... 103
Number of nodes 156
Number of links 79
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
SCS_Type_II_12h-100_93.8mm	SCS_Type_II_93.8mm	INTENSITY	6 min.
SCS_Type_II_12h-10y_65.3mm	SCS_Type_II_65.3mm	INTENSITY	6 min.
SCS_Type_II_12h-25y_76.9mm	SCS_Type_II_76.9mm	INTENSITY	6 min.
SCS_Type_II_12h-2y_42.3mm	SCS_Type_II_42.3mm	INTENSITY	6 min.
SCS_Type_II_12h-50y_85.4mm	SCS_Type_II_85.4mm	INTENSITY	6 min.
SCS_Type_II_12h-5y_56.2mm	SCS_Type_II_56.2mm	INTENSITY	6 min.
SCS_Type_II_24h-100y_115.6mm	SCS_Type_II_115.6mm	INTENSITY	15 min.
SCS_Type_II_24h-10y_80.4mm	SCS_Type_II_80.4mm	INTENSITY	15 min.
SCS_Type_II_24h-25y_94.7mm	SCS_Type_II_94.7mm	INTENSITY	15 min.
SCS_Type_II_24h-2y_52.1mm	SCS_Type_II_52.1mm	INTENSITY	15 min.
SCS_Type_II_24h-50y_105.2mm	SCS_Type_II_105.2mm	INTENSITY	15 min.
SCS_Type_II_24h-5y_69.2mm	SCS_Type_II_69.2mm	INTENSITY	15 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
SubA	0.36	74.65	4.00	11.9180	SCS_Type_II_24h-100y_115.6mm	Outfall_A
SubA101_1	1.52	101.71	4.00	1.7720	SCS_Type_II_24h-100y_115.6mm	J101
SubA101_2	1.41	87.27	4.00	1.8170	SCS_Type_II_24h-100y_115.6mm	J101
SubA111_1	1.47	85.80	4.00	1.5410	SCS_Type_II_24h-100y_115.6mm	J111
SubA111_2	0.68	66.41	4.00	1.3710	SCS_Type_II_24h-100y_115.6mm	J111
SubA117	0.94	77.69	4.00	1.9620	SCS_Type_II_24h-100y_115.6mm	J117
SubA120	0.63	85.88	4.00	3.2070	SCS_Type_II_24h-100y_115.6mm	J120
SubA122	0.91	104.34	4.00	1.5960	SCS_Type_II_24h-100y_115.6mm	J122

SubA129	1.37	256.62	4.00	2.5410	SCS_Type_II_24h-100y_115.6mm J129
SubA138_1	0.87	58.68	4.00	1.5280	SCS_Type_II_24h-100y_115.6mm J138
SubA138_2	1.23	166.75	4.00	1.3560	SCS_Type_II_24h-100y_115.6mm J138
SubA140	1.13	129.75	4.00	2.1330	SCS_Type_II_24h-100y_115.6mm J140
SubA158	0.75	98.03	4.00	3.3510	SCS_Type_II_24h-100y_115.6mm J158
SubA159	0.53	63.33	4.00	1.7290	SCS_Type_II_24h-100y_115.6mm J159
SubA89_1	1.60	105.67	4.00	4.2130	SCS_Type_II_24h-100y_115.6mm J89
SubA89_2	0.79	129.28	4.00	4.0190	SCS_Type_II_24h-100y_115.6mm J89
SubA93	1.13	146.84	4.00	2.0020	SCS_Type_II_24h-100y_115.6mm J93
SubA99	1.26	154.12	4.00	2.5540	SCS_Type_II_24h-100y_115.6mm J99
SubB	0.48	97.84	4.00	5.9600	SCS_Type_II_24h-100y_115.6mm JX
SubB_1	1.05	48.36	4.00	6.6550	SCS_Type_II_24h-100y_115.6mm Outfall_B
SubB_2	0.51	64.50	4.00	5.5410	SCS_Type_II_24h-100y_115.6mm Outfall_B
SubB12_1	1.39	78.85	4.00	3.3430	SCS_Type_II_24h-100y_115.6mm J12
SubB12_2	1.16	94.23	4.00	3.5680	SCS_Type_II_24h-100y_115.6mm J12
SubB14	1.95	150.58	4.00	4.4650	SCS_Type_II_24h-100y_115.6mm J14
SubB152	0.62	84.68	4.00	2.2500	SCS_Type_II_24h-100y_115.6mm J152
SubB16_1	0.92	86.59	4.00	3.1880	SCS_Type_II_24h-100y_115.6mm J16
SubB16_2	0.76	138.76	4.00	2.4740	SCS_Type_II_24h-100y_115.6mm J16
SubB160_1	1.31	196.77	4.00	5.0900	SCS_Type_II_24h-100y_115.6mm J160
SubB160_2	0.70	195.40	4.00	3.3550	SCS_Type_II_24h-100y_115.6mm J160
SubB162	0.41	139.80	4.00	6.9770	SCS_Type_II_24h-100y_115.6mm J162
SubB2	1.22	105.91	4.00	4.3680	SCS_Type_II_24h-100y_115.6mm J21212
SubB20	0.50	32.17	4.00	9.5800	SCS_Type_II_24h-100y_115.6mm J20
SubB22	1.10	86.66	4.00	3.5800	SCS_Type_II_24h-100y_115.6mm J22
SubB27_1	1.09	70.45	4.00	4.0900	SCS_Type_II_24h-100y_115.6mm J27
SubB27_2	0.64	37.96	4.00	4.5410	SCS_Type_II_24h-100y_115.6mm J27
SubB27_3	1.35	220.65	4.00	2.9940	SCS_Type_II_24h-100y_115.6mm J27
SubB32	1.70	108.49	4.00	2.9790	SCS_Type_II_24h-100y_115.6mm J32
SubB36	0.50	63.96	4.00	4.6160	SCS_Type_II_24h-100y_115.6mm J36

SubB38	1.45	119.14	4.00	3.2150	SCS_Type_II_24h-100y_115.6mm J38
SubB4	1.36	103.27	4.00	4.5830	SCS_Type_II_24h-100y_115.6mm J4
SubB47	1.14	115.47	4.00	3.0280	SCS_Type_II_24h-100y_115.6mm J47
SubB53	1.07	106.49	4.00	3.8380	SCS_Type_II_24h-100y_115.6mm J53
SubB56_1	1.48	216.72	4.00	3.2540	SCS_Type_II_24h-100y_115.6mm J56
SubB56_2	1.38	127.97	4.00	2.2930	SCS_Type_II_24h-100y_115.6mm J56
SubB62	0.53	72.56	4.00	2.8470	SCS_Type_II_24h-100y_115.6mm J62
SubB67	1.47	97.21	4.00	3.6540	SCS_Type_II_24h-100y_115.6mm J67
SubB71	0.59	73.33	4.00	2.6210	SCS_Type_II_24h-100y_115.6mm J71
SubB73	1.12	104.86	4.00	2.0770	SCS_Type_II_24h-100y_115.6mm J73
SubB8	1.86	119.11	4.00	5.9580	SCS_Type_II_24h-100y_115.6mm J8
SubB82_1	0.53	108.73	4.00	2.4460	SCS_Type_II_24h-100y_115.6mm J82
SubB82_2	0.70	67.55	4.00	1.7110	SCS_Type_II_24h-100y_115.6mm J82
SubB84	1.39	122.94	4.00	1.6110	SCS_Type_II_24h-100y_115.6mm J84
SubC	0.66	97.81	4.00	4.7720	SCS_Type_II_24h-100y_115.6mm Outfall_C
SubC103	0.49	93.95	4.00	5.1810	SCS_Type_II_24h-100y_115.6mm J103
SubC105_1	0.76	94.39	4.00	2.0430	SCS_Type_II_24h-100y_115.6mm J105
SubC105_2	0.72	76.06	4.00	2.5530	SCS_Type_II_24h-100y_115.6mm J105
SubC107	1.03	109.15	4.00	6.2890	SCS_Type_II_24h-100y_115.6mm J107
SubC109_1	1.00	84.33	4.00	2.6180	SCS_Type_II_24h-100y_115.6mm J109
SubC109_2	0.82	75.47	4.00	2.5730	SCS_Type_II_24h-100y_115.6mm J109
SubC113	1.64	170.02	4.00	3.1040	SCS_Type_II_24h-100y_115.6mm J113
SubC125	0.45	67.09	4.00	1.5690	SCS_Type_II_24h-100y_115.6mm J125
SubC127	0.47	58.48	4.00	1.6130	SCS_Type_II_24h-100y_115.6mm J127
SubC131	0.75	107.71	4.00	2.5700	SCS_Type_II_24h-100y_115.6mm J131
SubC134	1.28	89.48	4.00	4.8530	SCS_Type_II_24h-100y_115.6mm J134
SubC136	1.07	66.36	4.00	1.5400	SCS_Type_II_24h-100y_115.6mm J136
SubC142_1	1.31	129.15	4.00	3.4560	SCS_Type_II_24h-100y_115.6mm J142
SubC142_2	0.51	64.75	4.00	3.0790	SCS_Type_II_24h-100y_115.6mm J142
SubC144_1	1.05	185.68	4.00	1.5220	SCS_Type_II_24h-100y_115.6mm J144

SubC144_2	2.27	114.70	4.00	1.7340	SCS_Type_II_24h-100y_115.6mm J144
SubC146	2.55	146.19	4.00	3.4870	SCS_Type_II_24h-100y_115.6mm J146
SubC148	1.35	86.95	4.00	2.9140	SCS_Type_II_24h-100y_115.6mm J148
SubC151	0.41	36.87	4.00	2.7500	SCS_Type_II_24h-100y_115.6mm J151
SubC153	0.09	73.63	4.00	3.9380	SCS_Type_II_24h-100y_115.6mm J153
SubC154	0.81	99.40	4.00	4.4260	SCS_Type_II_24h-100y_115.6mm J154
SubC155	0.69	121.84	4.00	3.5400	SCS_Type_II_24h-100y_115.6mm J155
SubC156_1	1.31	107.53	4.00	1.5390	SCS_Type_II_24h-100y_115.6mm J156
SubC156_2	0.52	58.84	4.00	4.4790	SCS_Type_II_24h-100y_115.6mm J156
SubC157	1.03	167.22	4.00	2.5410	SCS_Type_II_24h-100y_115.6mm J157
SubC161	0.63	200.92	4.00	2.9690	SCS_Type_II_24h-100y_115.6mm J161
SubC163	0.46	126.46	4.00	4.5700	SCS_Type_II_24h-100y_115.6mm J163
SubC18_1	1.02	84.88	4.00	3.5410	SCS_Type_II_24h-100y_115.6mm J18
SubC18_2	1.37	81.05	4.00	5.7670	SCS_Type_II_24h-100y_115.6mm J18
SubC1B2A2B1B05	0.62	78.59	4.00	5.3810	SCS_Type_II_24h-100y_115.6mm Existing-Node-C1B2A2B1B05
SubC1B2A2B1B06	0.53	61.02	4.00	3.5870	SCS_Type_II_24h-100y_115.6mm Existing-Node-C1B2A2B1B06
SubC1B2A2B1B07	1.66	85.98	4.00	4.7280	SCS_Type_II_24h-100y_115.6mm Existing-Node-C1B2A2B1B07
SubC1B2A2B1B08_1	0.99	103.10	4.00	3.5280	SCS_Type_II_24h-100y_115.6mm Existing-Node-C1B2A2B1B08
SubC1B2A2B1B08_2	0.90	65.27	4.00	3.1820	SCS_Type_II_24h-100y_115.6mm Existing-Node-C1B2A2B1B08
SubC25_1	0.76	62.35	4.00	3.7670	SCS_Type_II_24h-100y_115.6mm J25
SubC25_2	1.08	97.71	4.00	7.0300	SCS_Type_II_24h-100y_115.6mm J25
SubC29	0.49	57.77	4.00	4.4680	SCS_Type_II_24h-100y_115.6mm J29
SubC34	0.62	88.44	4.00	4.1350	SCS_Type_II_24h-100y_115.6mm J34
SubC41	1.47	96.79	4.00	3.1800	SCS_Type_II_24h-100y_115.6mm J41
SubC45	0.76	243.67	4.00	3.5560	SCS_Type_II_24h-100y_115.6mm J45
SubC49_1	1.40	84.31	4.00	3.1120	SCS_Type_II_24h-100y_115.6mm J49
SubC49_2	0.68	83.93	4.00	3.2070	SCS_Type_II_24h-100y_115.6mm J49
SubC51	0.91	93.25	4.00	4.3470	SCS_Type_II_24h-100y_115.6mm J51
SubC60_1	0.51	50.14	4.00	3.3360	SCS_Type_II_24h-100y_115.6mm J60
SubC60_2	0.56	53.51	4.00	5.8480	SCS_Type_II_24h-100y_115.6mm J60

SubC65	0.40	62.09	4.00	3.4560	SCS_Type_II_24h-100y_115.6mm J65
SubC75	0.70	101.51	4.00	3.4480	SCS_Type_II_24h-100y_115.6mm J75
SubC80	0.82	88.19	4.00	6.6010	SCS_Type_II_24h-100y_115.6mm J80
SubC91	1.10	65.98	4.00	4.5470	SCS_Type_II_24h-100y_115.6mm Existing-Node-C1B2A2B1B1
SubC96	0.88	77.17	4.00	4.3920	SCS_Type_II_24h-100y_115.6mm J96

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Node Summary
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Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
Existing-Node-A1	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2A1	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2A2	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2B1	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2B2	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2B3	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2B4	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2B5	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2B5A1	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2B5B1	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2B5B2	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2B5B3	JUNCTION	0.00	0.00	0.0	
Existing-Node-B1	JUNCTION	0.00	0.00	0.0	
Existing-Node-B3	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4A1	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4A1A1	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4A1A2	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4A1A3	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4A1A4	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4A1B1	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4A1B2	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4A1B3	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B1	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B2	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B3	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B4	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B5	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B6	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B6A1	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B6A2	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B6A3	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B6A4	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B6A5	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B6A6	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B6B1	JUNCTION	0.00	0.00	0.0	
Existing-Node-C1	JUNCTION	0.00	0.00	0.0	
Existing-Node-C1A1	JUNCTION	0.00	0.00	0.0	

Existing-Node-C1A2	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2A1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2A2	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2A3	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2A4	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1A1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1B01	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1B02	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1B03	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1B05	JUNCTION	95.15	0.71	0.0
Existing-Node-C1B2A2B1B06	JUNCTION	95.21	0.75	0.0
Existing-Node-C1B2A2B1B07	JUNCTION	95.29	0.76	0.0
Existing-Node-C1B2A2B1B08	JUNCTION	95.31	0.76	0.0
Existing-Node-C1B2A2B1B09	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1B1	JUNCTION	94.93	0.41	0.0
Existing-Node-C1B2A2B1B10	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1B11	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1B12	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1B13	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1A1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1A2	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1A3	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1A1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B2	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B2A1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B2B1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B2B2	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B2B3	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B2B3A1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B2B3A2	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B2B3A3	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B2B3B1	JUNCTION	0.00	0.00	0.0
J1	JUNCTION	94.92	0.39	0.0
J101	JUNCTION	94.92	0.18	0.0
J103	JUNCTION	95.04	0.55	0.0
J105	JUNCTION	95.18	0.32	0.0
J107	JUNCTION	94.98	0.68	0.0
J109	JUNCTION	94.73	0.25	0.0
J111	JUNCTION	94.72	0.78	0.0
J113	JUNCTION	94.86	0.30	0.0
J117	JUNCTION	94.09	0.98	0.0
J12	JUNCTION	95.76	0.27	0.0
J120	JUNCTION	94.12	0.98	0.0
J122	JUNCTION	94.53	0.71	0.0
J125	JUNCTION	94.85	1.15	0.0
J127	JUNCTION	94.87	0.63	0.0
J129	JUNCTION	94.27	0.77	0.0
J131	JUNCTION	94.90	0.60	0.0
J134	JUNCTION	94.58	0.43	0.0

J136	JUNCTION	94.82	1.18	0.0
J138	JUNCTION	94.83	0.26	0.0
J14	JUNCTION	95.27	1.69	0.0
J140	JUNCTION	94.82	0.26	0.0
J142	JUNCTION	94.60	0.68	0.0
J144	JUNCTION	94.76	1.00	0.0
J146	JUNCTION	94.06	0.56	0.0
J148	JUNCTION	94.25	0.46	0.0
J151	JUNCTION	94.22	0.46	0.0
J152	JUNCTION	94.80	0.73	0.0
J153	JUNCTION	95.29	0.71	0.0
J154	JUNCTION	95.21	0.47	0.0
J155	JUNCTION	93.81	0.69	0.0
J156	JUNCTION	94.88	1.12	0.0
J157	JUNCTION	94.70	0.26	0.0
J158	JUNCTION	93.93	1.10	0.0
J159	JUNCTION	94.71	0.79	0.0
J16	JUNCTION	94.82	1.22	0.0
J160	JUNCTION	94.07	1.84	0.0
J161	JUNCTION	94.57	0.40	0.0
J162	JUNCTION	93.96	2.12	0.0
J163	JUNCTION	94.45	0.55	0.0
J18	JUNCTION	95.57	0.50	0.0
J20	JUNCTION	95.09	1.50	0.0
J21212	JUNCTION	96.40	1.69	0.0
J22	JUNCTION	94.66	1.22	0.0
J25	JUNCTION	95.54	0.33	0.0
J27	JUNCTION	95.66	0.27	0.0
J29	JUNCTION	95.48	0.57	0.0
J32	JUNCTION	94.94	1.15	0.0
J34	JUNCTION	95.45	0.57	0.0
J36	JUNCTION	95.08	0.73	0.0
J38	JUNCTION	95.28	0.61	0.0
J4	JUNCTION	96.14	0.86	0.0
J41	JUNCTION	95.53	0.33	0.0
J45	JUNCTION	95.43	0.60	0.0
J47	JUNCTION	94.37	1.11	0.0
J49	JUNCTION	95.36	0.64	0.0
J51	JUNCTION	95.30	0.70	0.0
J53	JUNCTION	95.20	0.40	0.0
J56	JUNCTION	93.90	2.11	0.0
J60	JUNCTION	95.34	0.47	0.0
J62	JUNCTION	94.55	1.11	0.0
J65	JUNCTION	95.27	0.30	0.0
J67	JUNCTION	94.97	0.38	0.0
J71	JUNCTION	94.59	1.05	0.0
J73	JUNCTION	94.77	0.76	0.0
J75	JUNCTION	95.25	0.31	0.0
J8	JUNCTION	95.98	1.02	0.0
J80	JUNCTION	95.22	0.69	0.0
J82	JUNCTION	94.67	0.84	0.0
J84	JUNCTION	94.85	0.52	0.0
J89	JUNCTION	93.45	1.53	0.0
J93	JUNCTION	95.03	0.94	0.0
J96	JUNCTION	95.07	0.58	0.0
J99	JUNCTION	94.84	0.88	0.0
JX	JUNCTION	93.85	2.07	0.0

Outfall_A	OUTFALL	93.65	1.53	0.0	
Outfall_B	OUTFALL	93.81	1.71	0.0	
Outfall_C	OUTFALL	93.66	0.68	0.0	

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Link Summary
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Name	From Node	To Node	Type	Length	% Slope	Roughness
ChannelA101	J101	J138	CONDUIT	154.3	0.0583	0.0100
ChannelA111	J111	J159	CONDUIT	22.5	0.0444	0.0350
ChannelA117	J117	J158	CONDUIT	78.7	0.1981	0.0350
ChannelA120	J120	J117	CONDUIT	27.8	0.1224	0.0100
ChannelA122	J122	J129	CONDUIT	96.3	0.2700	0.0100
ChannelA129	J129	J120	CONDUIT	107.0	0.1401	0.0100
ChannelA138	J138	J140	CONDUIT	10.6	0.0944	0.0100
ChannelA140	J140	J159	CONDUIT	159.9	0.0688	0.0100
ChannelA158	J158	J89	CONDUIT	113.4	0.4234	0.0100
ChannelA159	J159	J122	CONDUIT	77.2	0.2331	0.0100
ChannelA89	J89	Outfall_A	CONDUIT	25.5	-0.7852	0.0100
ChannelA93	J93	J99	CONDUIT	147.8	0.1285	0.0100
ChannelA99	J99	J158	CONDUIT	130.7	0.6962	0.0100
ChannelB	JX	Outfall_B	CONDUIT	16.4	0.2256	0.0100
ChannelB12	J12	J27	CONDUIT	99.5	0.1005	0.0100
ChannelB14	J14	J20	CONDUIT	74.8	0.2407	0.0100
ChannelB152	J152	J73	CONDUIT	18.8	0.1599	0.0100
ChannelB16	J16	J22	CONDUIT	41.4	0.3867	0.0100
ChannelB160	J160	J162	CONDUIT	105.6	0.1042	0.0100
ChannelB162	J162	J56	CONDUIT	87.0	0.0690	0.0100
ChannelB20	J20	J16	CONDUIT	95.6	0.2824	0.0100
ChannelB22	J22	J160	CONDUIT	54.5	1.0822	0.0350
ChannelB2212	J21212	J14	CONDUIT	263.0	0.4296	0.0100
ChannelB27	J27	J53	CONDUIT	222.7	0.2065	0.0100

ChannelB32	J32	J160	CONDUIT	127.1	
0.6868	0.0100				
ChannelB36	J36	J32	CONDUIT	66.8	
0.2051	0.0100				
ChannelB38	J38	J36	CONDUIT	34.6	
0.5776	0.0100				
ChannelB4	J4	J8	CONDUIT	85.0	
0.1895	0.0350				
ChannelB47	J47	J162	CONDUIT	55.7	
0.7367	0.0100				
ChannelB53	J53	J67	CONDUIT	23.0	
1.0003	0.0100				
ChannelB56	J56	JX	CONDUIT	63.7	
0.0832	0.0100				
ChannelB62	J62	J47	CONDUIT	73.6	
0.2447	0.0100				
ChannelB67	J67	J152	CONDUIT	150.1	
0.1133	0.0100				
ChannelB71	J71	J62	CONDUIT	33.3	
0.1202	0.0100				
ChannelB73	J73	J82	CONDUIT	86.5	
0.1156	0.0100				
ChannelB8	J8	J12	CONDUIT	200.9	
0.1095	0.0100				
ChannelB82	J82	J71	CONDUIT	48.0	
0.1666	0.0100				
ChannelB84	J84	J152	CONDUIT	76.9	
0.0650	0.0100				
ChannelC103	J103	Existing-Node-C1B2A2B1B1	CONDUIT		62.1
0.1723	0.0350				
ChannelC105	J105	J156	CONDUIT	248.2	
0.1208	0.0100				
ChannelC107	J107	J134	CONDUIT	234.9	
0.1703	0.0100				
ChannelC109	J109	J157	CONDUIT	43.5	
0.0690	0.0100				
ChannelC113	J113	J157	CONDUIT	97.2	
0.1646	0.0100				
ChannelC125	J125	J144	CONDUIT	103.6	
0.0908	0.0350				
ChannelC127	J127	J136	CONDUIT	80.5	
0.0621	0.0350				
ChannelC131	J131	J127	CONDUIT	25.7	
0.1167	0.0350				
ChannelC134	J134	J161	CONDUIT	49.5	
0.0202	0.0100				
ChannelC136	J136	J125	CONDUIT	10.1	-
0.2970	0.0350				
ChannelC142	J142	J163	CONDUIT	48.4	
0.3102	0.0350				
ChannelC144	J144	J142	CONDUIT	203.5	
0.0767	0.0100				
ChannelC146	J146	J155	CONDUIT	103.7	
0.2411	0.0100				
ChannelC148	J148	J151	CONDUIT	16.6	
0.1810	0.0100				
ChannelC151	J151	J155	CONDUIT	66.2	
0.6196	0.0100				
ChannelC153	J153	J65	CONDUIT	22.4	
0.0757	0.0350				

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  ChannelC154      J154             J113             CONDUIT          204.5
0.1711    0.0100
  ChannelC155      J155             Outfall_C        CONDUIT           67.4
0.2226    0.0100
  ChannelC156      J156             J144             CONDUIT           55.0
0.2254    0.0350
  ChannelC157      J157             J161             CONDUIT           58.3
0.2230    0.0100
  ChannelC161      J161             J163             CONDUIT          124.5
0.0964    0.0350
  ChannelC163      J163             J146             CONDUIT          183.1
0.2130    0.0100
  ChannelC18       J18              J29              CONDUIT           42.2
0.2132    0.0350
  ChannelC1B2A2B1B05 Existing-Node-C1B2A2B1B05 J96              CONDUIT
100.6    0.0775    0.0100
  ChannelC1B2A2B1B06 Existing-Node-C1B2A2B1B06 Existing-Node-C1B2A2B1B05 CONDUIT
56.9    0.1055    0.0100
  ChannelC1B2A2B1B07 Existing-Node-C1B2A2B1B07 Existing-Node-C1B2A2B1B06 CONDUIT
54.0    0.1482    0.0100
  ChannelC1B2A2B1B08 Existing-Node-C1B2A2B1B08 Existing-Node-C1B2A2B1B07 CONDUIT
21.2    0.1130    0.0350
  ChannelC25       J25              J41              CONDUIT           77.6
0.0129    0.0100
  ChannelC29       J29              J34              CONDUIT           57.4
0.0523    0.0100
  ChannelC34       J34              J45              CONDUIT           35.3
0.0453    0.0350
  ChannelC41       J41              J49              CONDUIT          176.6
0.0962    0.0100
  ChannelC45       J45              Existing-Node-C1B2A2B1B08 CONDUIT
171.2    0.0701    0.0100
  ChannelC49       J49              J153             CONDUIT           23.5
0.3107    0.0350
  ChannelC51       J51              J153             CONDUIT           20.0
0.0649    0.0350
  ChannelC60       J60              J154             CONDUIT          150.6
0.0863    0.0100
  ChannelC65       J65              J75              CONDUIT           26.3
0.0874    0.0100
  ChannelC75       J75              J154             CONDUIT           58.7
0.0631    0.0350
  ChannelC80       J80              J107             CONDUIT          144.9
0.1657    0.0100
  ChannelC91_1     Existing-Node-C1B2A2B1B1 J1               CONDUIT          19.3
0.0310    0.0350
  ChannelC91_2     J1               J156             CONDUIT          139.0
0.0317    0.0350
  ChannelC96       J96              J103             CONDUIT           33.0
0.1061    0.0100


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  Cross Section Summary
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                                      Full     Full     Hyd.     Max.   No. of
Full
  Conduit          Shape              Depth    Area     Rad.     Width  Barrels
Flow
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ChannelA101	C14	0.18	10.46	0.10	104.91	1
5.41						
ChannelA111	TRAPEZOIDAL	0.40	1.12	0.30	3.60	1
0.30						
ChannelA117	TRAPEZOIDAL	0.90	2.52	0.50	4.60	1
2.02						
ChannelA120	C55	0.98	69.20	0.55	124.59	1
163.17						
ChannelA122	C46	0.71	47.71	0.35	137.79	1
123.07						
ChannelA129	C51	0.76	52.75	0.43	123.20	1
111.88						
ChannelA138	C30	0.26	9.59	0.09	111.41	1
5.95						
ChannelA140	C31	0.12	3.27	0.06	52.61	1
1.34						
ChannelA158	C62	1.10	50.08	0.44	114.63	1
189.41						
ChannelA159	C40	0.28	13.90	0.12	114.65	1
16.39						
ChannelA89	C65	1.53	110.45	0.79	138.51	1
835.73						
ChannelA93	C4	0.18	9.72	0.10	96.87	1
7.60						
ChannelA99	C22	0.80	39.08	0.31	124.58	1
150.11						
ChannelB	C9	1.71	111.43	1.11	102.12	1
565.87						
ChannelB12	C39	0.27	13.05	0.11	116.20	1
9.59						
ChannelB14	C33	1.50	131.89	1.17	111.99	1
716.60						
ChannelB152	C64	0.56	37.90	0.30	131.20	1
67.27						
ChannelB16	C45	1.22	79.07	0.72	109.30	1
394.05						
ChannelB160	C50	1.84	114.01	0.81	138.64	1
320.94						
ChannelB162	C74	2.09	176.02	1.05	166.45	1
476.73						
ChannelB20	C37	0.74	56.51	0.53	106.86	1
195.90						
ChannelB22	TRAPEZOIDAL	1.20	4.08	0.64	5.80	1
9.02						
ChannelB2212	C8	1.69	78.75	0.76	101.08	1
430.69						
ChannelB27	C78	0.23	11.22	0.11	102.15	1
11.64						
ChannelB32	C28	1.06	40.72	0.35	116.54	1
166.80						
ChannelB36	C20	0.73	29.73	0.28	103.85	1
58.32						
ChannelB38	C16	0.53	25.20	0.24	105.86	1
73.34						
ChannelB4	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1
0.37						
ChannelB47	C71	1.11	80.50	0.64	144.51	1
511.71						
ChannelB53	C58	0.38	23.62	0.19	120.66	1
79.31						

ChannelB56	C75	2.05	186.14	1.10	168.14	1
570.88						
ChannelB62	C70	1.11	78.30	0.55	142.07	1
258.71						
ChannelB67	C60	0.38	21.93	0.14	150.78	1
20.34						
ChannelB71	C69	1.05	65.56	0.48	134.75	1
139.98						
ChannelB73	C66	0.75	40.17	0.34	130.13	1
66.86						
ChannelB8	C27	0.17	8.02	0.08	99.08	1
5.00						
ChannelB82	C68	0.84	47.63	0.36	131.76	1
98.90						
ChannelB84	C3	0.38	17.20	0.13	127.00	1
11.52						
ChannelC103	TRAPEZOIDAL	0.40	0.72	0.26	2.60	1
0.35						
ChannelC105	C12	0.18	3.67	0.09	38.87	1
2.64						
ChannelC107	C26	0.23	11.88	0.10	114.51	1
10.78						
ChannelC109	C17	0.19	12.72	0.10	122.92	1
7.35						
ChannelC113	C52	0.26	21.69	0.16	133.21	1
26.15						
ChannelC125	TRAPEZOIDAL	0.40	1.12	0.30	3.60	1
0.43						
ChannelC127	TRAPEZOIDAL	0.50	1.50	0.35	4.00	1
0.53						
ChannelC131	TRAPEZOIDAL	0.50	1.00	0.31	3.00	1
0.45						
ChannelC134	C41	0.39	14.90	0.14	105.39	1
5.72						
ChannelC136	TRAPEZOIDAL	0.70	1.68	0.41	3.80	1
1.44						
ChannelC142	TRAPEZOIDAL	0.54	1.12	0.33	3.16	1
0.85						
ChannelC144	C67	0.61	53.72	0.37	142.92	1
77.21						
ChannelC146	C76	0.36	12.34	0.13	102.08	1
15.24						
ChannelC148	C7	0.45	17.45	0.17	104.30	1
22.47						
ChannelC151	C11	0.38	16.10	0.14	116.94	1
34.01						
ChannelC153	TRAPEZOIDAL	0.23	0.57	0.19	2.92	1
0.15						
ChannelC154	C43	0.29	14.52	0.13	110.36	1
15.47						
ChannelC155	C77	0.68	42.34	0.21	204.48	1
69.87						
ChannelC156	TRAPEZOIDAL	0.50	1.50	0.35	4.00	1
1.02						
ChannelC157	C57	0.21	13.88	0.11	129.25	1
14.77						
ChannelC161	TRAPEZOIDAL	0.40	0.72	0.26	2.60	1
0.26						
ChannelC163	C73	0.54	61.49	0.32	188.39	1
134.18						

Channel1C18	TRAPEZOIDAL	0.50	1.00	0.31	3.00	1	0.60
Channel1C1B2A2B1B05	C49	0.51	40.75	0.33	121.63	1	54.41
Channel1C1B2A2B1B06	C48	0.69	64.87	0.54	118.04	1	140.47
Channel1C1B2A2B1B07	C44	0.75	66.46	0.52	125.49	1	166.40
Channel1C1B2A2B1B08	TRAPEZOIDAL	0.75	1.88	0.43	4.00	1	1.03
Channel1C25	C13	0.33	20.66	0.21	99.45	1	8.21
Channel1C29	C23	0.57	41.71	0.38	111.18	1	50.25
Channel1C34	TRAPEZOIDAL	0.57	1.22	0.34	3.28	1	0.36
Channel1C41	C19	0.24	12.92	0.12	105.74	1	10.00
Channel1C45	C32	0.57	46.70	0.40	115.43	1	67.30
Channel1C49	TRAPEZOIDAL	0.40	0.72	0.26	2.60	1	0.46
Channel1C51	TRAPEZOIDAL	0.40	0.72	0.26	2.60	1	0.21
Channel1C60	C10	0.47	25.91	0.32	80.45	1	35.54
Channel1C65	C36	0.30	22.34	0.20	113.53	1	22.25
Channel1C75	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1	0.21
Channel1C80	C6	0.68	54.09	0.54	100.34	1	145.57
Channel1C91_1	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1	0.15
Channel1C91_2	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1	0.15
Channel1C96	C53	0.51	38.93	0.32	120.46	1	59.38

****
Transect Summary
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Transect C10
Area:

0.0002	0.0006	0.0015	0.0026	0.0040	
0.0060	0.0085	0.0118	0.0156	0.0205	
0.0271	0.0363	0.0488	0.0644	0.0821	
0.1011	0.1212	0.1421	0.1638	0.1862	
0.2090	0.2326	0.2569	0.2823	0.3085	
0.3351	0.3621	0.3891	0.4161	0.4432	
0.4704	0.4976	0.5249	0.5522	0.5795	
0.6069	0.6344	0.6620	0.6897	0.7174	
0.7453	0.7732	0.8012	0.8293	0.8574	
0.8857	0.9140	0.9425	0.9711	1.0000	

Hrad:

0.0146	0.0292	0.0437	0.0624	0.0768
0.0883	0.0964	0.1037	0.1184	0.1292

0.1342 0.1331 0.1381 0.1415 0.1551
0.1695 0.1813 0.2023 0.2247 0.2474
0.2695 0.2900 0.3090 0.3156 0.3404
0.3630 0.3904 0.4184 0.4466 0.4748
0.5029 0.5309 0.5589 0.5868 0.6147
0.6419 0.6689 0.6959 0.7227 0.7495
0.7761 0.8027 0.8292 0.8555 0.8817
0.9077 0.9337 0.9588 0.9795 1.0000

Width:

0.0111 0.0223 0.0334 0.0437 0.0572
0.0774 0.0992 0.1235 0.1422 0.1999
0.2609 0.3815 0.4829 0.5909 0.6235
0.6771 0.7068 0.7382 0.7602 0.7792
0.7992 0.8245 0.8532 0.8976 0.9089
0.9256 0.9297 0.9321 0.9338 0.9356
0.9373 0.9390 0.9408 0.9425 0.9442
0.9468 0.9497 0.9525 0.9553 0.9582
0.9611 0.9640 0.9669 0.9698 0.9729
0.9761 0.9792 0.9831 0.9916 1.0000

Transect C11

Area:

0.0003 0.0011 0.0022 0.0033 0.0045
0.0057 0.0071 0.0084 0.0098 0.0113
0.0129 0.0145 0.0162 0.0180 0.0202
0.0232 0.0267 0.0309 0.0359 0.0423
0.0500 0.0594 0.0705 0.0821 0.0946
0.1075 0.1208 0.1348 0.1520 0.1725
0.1942 0.2171 0.2424 0.2723 0.3041
0.3376 0.3734 0.4117 0.4534 0.4976
0.5430 0.5897 0.6371 0.6858 0.7358
0.7867 0.8388 0.8921 0.9457 1.0000

Hrad:

0.0270 0.0606 0.1095 0.1561 0.2007
0.2435 0.2848 0.3249 0.3638 0.4017
0.4388 0.4725 0.5047 0.5365 0.5536
0.5549 0.5545 0.5527 0.5476 0.5345
0.5166 0.4809 0.4811 0.4967 0.5033
0.5182 0.5330 0.5158 0.5355 0.5544
0.5851 0.6136 0.6374 0.5642 0.5975
0.6312 0.6607 0.6650 0.6846 0.6391
0.6835 0.7294 0.7758 0.8189 0.8598
0.8991 0.8664 0.9059 0.9561 1.0000

Width:

0.0107 0.0187 0.0199 0.0210 0.0221
0.0232 0.0244 0.0255 0.0266 0.0278
0.0289 0.0302 0.0315 0.0329 0.0490
0.0599 0.0690 0.0837 0.1039 0.1290
0.1522 0.1952 0.2065 0.2209 0.2327
0.2386 0.2461 0.2750 0.3507 0.3861
0.4048 0.4374 0.5017 0.5637 0.5960
0.6338 0.6743 0.7263 0.7845 0.8189
0.8464 0.8596 0.8786 0.9046 0.9208
0.9396 0.9628 0.9764 0.9836 1.0000

Transect C12

Area:

0.0006 0.0025 0.0048 0.0074 0.0102
0.0134 0.0168 0.0207 0.0252 0.0312
0.0384 0.0462 0.0547 0.0639 0.0741
0.0856 0.0988 0.1136 0.1295 0.1463
0.1640 0.1824 0.2014 0.2209 0.2408
0.2619 0.2851 0.3102 0.3360 0.3620
0.3885 0.4155 0.4430 0.4712 0.4998
0.5288 0.5583 0.5881 0.6184 0.6491
0.6803 0.7118 0.7451 0.7805 0.8162
0.8524 0.8888 0.9254 0.9624 1.0000

Hrad:

0.0190 0.0426 0.0737 0.1024 0.1294
0.1550 0.1793 0.1858 0.1883 0.1724
0.1934 0.2144 0.2363 0.2519 0.2600
0.2751 0.2919 0.2794 0.2999 0.3222
0.3441 0.3684 0.3971 0.4256 0.4537
0.4758 0.4925 0.4611 0.4912 0.5245
0.5517 0.5775 0.6030 0.6298 0.6582
0.6864 0.7142 0.7418 0.7692 0.7964
0.8233 0.8500 0.8048 0.8326 0.8603
0.8918 0.9230 0.9541 0.9805 1.0000

Width:

0.0330 0.0576 0.0648 0.0719 0.0791
0.0862 0.0935 0.1112 0.1341 0.1808
0.1985 0.2157 0.2316 0.2535 0.2850
0.3249 0.3686 0.4064 0.4318 0.4541
0.4765 0.4951 0.5073 0.5191 0.5309
0.5851 0.6381 0.6728 0.6839 0.6902
0.7041 0.7194 0.7348 0.7481 0.7593
0.7704 0.7816 0.7928 0.8039 0.8151
0.8263 0.8374 0.9258 0.9374 0.9487
0.9558 0.9629 0.9700 0.9816 1.0000

Transect C13

Area:

0.0003 0.0010 0.0023 0.0041 0.0069
0.0102 0.0142 0.0189 0.0250 0.0327
0.0419 0.0529 0.0660 0.0814 0.0981
0.1153 0.1326 0.1508 0.1697 0.1891
0.2086 0.2287 0.2497 0.2712 0.2930
0.3153 0.3382 0.3617 0.3857 0.4103
0.4365 0.4639 0.4916 0.5198 0.5482
0.5769 0.6058 0.6349 0.6642 0.6937
0.7233 0.7531 0.7831 0.8132 0.8436
0.8743 0.9052 0.9366 0.9683 1.0000

Hrad:

0.0159 0.0331 0.0491 0.0592 0.0766
0.0974 0.1160 0.1325 0.1454 0.1548
0.1643 0.1716 0.1718 0.1725 0.1824
0.2127 0.2417 0.2618 0.2806 0.3096
0.3389 0.3645 0.3897 0.4156 0.4399
0.4644 0.4844 0.5106 0.5364 0.5614
0.5793 0.5672 0.5938 0.6196 0.6471
0.6726 0.6978 0.7249 0.7528 0.7806
0.8082 0.8358 0.8633 0.8897 0.9152
0.9405 0.9628 0.9408 0.9704 1.0000

Width:

0.0165 0.0314 0.0460 0.0735 0.0962
0.1143 0.1366 0.1668 0.2154 0.2682
0.3081 0.3806 0.4513 0.5101 0.5380
0.5421 0.5576 0.5807 0.6050 0.6108
0.6226 0.6473 0.6688 0.6821 0.6944
0.7062 0.7315 0.7483 0.7618 0.7949
0.8499 0.8657 0.8807 0.8925 0.8980
0.9058 0.9140 0.9198 0.9248 0.9298
0.9351 0.9405 0.9461 0.9528 0.9603
0.9680 0.9802 0.9956 0.9978 1.0000

Transect C14
Area:
0.0002 0.0010 0.0020 0.0037 0.0061
0.0090 0.0121 0.0155 0.0191 0.0229
0.0271 0.0319 0.0372 0.0427 0.0486
0.0568 0.0665 0.0772 0.0899 0.1035
0.1189 0.1365 0.1552 0.1746 0.1949
0.2165 0.2398 0.2650 0.2923 0.3224
0.3536 0.3852 0.4173 0.4500 0.4835
0.5172 0.5511 0.5850 0.6190 0.6531
0.6873 0.7216 0.7559 0.7903 0.8248
0.8595 0.8943 0.9292 0.9644 1.0000
Hrad:
0.0179 0.0381 0.0648 0.0787 0.0861
0.1061 0.1327 0.1585 0.1840 0.2087
0.2286 0.2225 0.2457 0.2685 0.2902
0.2890 0.3022 0.3129 0.3134 0.3265
0.3202 0.3343 0.3521 0.3716 0.3913
0.4022 0.4004 0.4150 0.4149 0.4128
0.4085 0.4398 0.4656 0.4929 0.5123
0.5467 0.5810 0.6152 0.6493 0.6835
0.7177 0.7518 0.7858 0.8189 0.8517
0.8843 0.9161 0.9478 0.9719 1.0000
Width:
0.0109 0.0262 0.0312 0.0558 0.0770
0.0846 0.0914 0.0978 0.1039 0.1099
0.1254 0.1435 0.1513 0.1592 0.1751
0.2591 0.2841 0.3344 0.3709 0.3960
0.4779 0.5091 0.5340 0.5532 0.5853
0.6264 0.6801 0.7316 0.8040 0.8651
0.8808 0.8890 0.9088 0.9249 0.9441
0.9465 0.9489 0.9513 0.9537 0.9558
0.9579 0.9601 0.9622 0.9652 0.9686
0.9720 0.9762 0.9805 0.9923 1.0000

Transect C16
Area:
0.0007 0.0023 0.0046 0.0085 0.0136
0.0202 0.0276 0.0352 0.0431 0.0510
0.0595 0.0686 0.0784 0.0886 0.0991
0.1098 0.1212 0.1328 0.1446 0.1566
0.1688 0.1811 0.1936 0.2064 0.2196
0.2329 0.2469 0.2626 0.2794 0.2972
0.3166 0.3373 0.3602 0.3861 0.4159
0.4481 0.4817 0.5167 0.5526 0.5894
0.6272 0.6657 0.7053 0.7454 0.7860

0.8271 0.8690 0.9119 0.9558 1.0000

Hrad:

0.0287 0.0515 0.0806 0.0942 0.1056
0.1263 0.1637 0.2044 0.2441 0.2830
0.3193 0.3527 0.3482 0.3841 0.4196
0.4544 0.4711 0.5080 0.5449 0.5814
0.6171 0.6524 0.6854 0.7136 0.7414
0.7720 0.8006 0.7739 0.7965 0.8217
0.8440 0.8593 0.8704 0.8620 0.7616
0.7749 0.7864 0.7017 0.7346 0.7563
0.7907 0.8230 0.8557 0.8881 0.9201
0.9517 0.9852 1.0145 0.9744 1.0000

Width:

0.0255 0.0446 0.0686 0.0990 0.1352
0.1601 0.1686 0.1724 0.1764 0.1819
0.1960 0.2099 0.2252 0.2308 0.2362
0.2481 0.2573 0.2615 0.2654 0.2694
0.2735 0.2776 0.2825 0.2893 0.2961
0.3017 0.3344 0.3625 0.3876 0.4174
0.4456 0.4874 0.5392 0.6184 0.6995
0.7338 0.7665 0.7951 0.8108 0.8364
0.8508 0.8736 0.8890 0.9008 0.9123
0.9261 0.9482 0.9674 0.9809 1.0000

Transect C17

Area:

0.0003 0.0007 0.0012 0.0018 0.0024
0.0032 0.0041 0.0054 0.0069 0.0090
0.0119 0.0153 0.0193 0.0243 0.0313
0.0397 0.0507 0.0637 0.0786 0.0953
0.1125 0.1309 0.1503 0.1709 0.1920
0.2139 0.2370 0.2617 0.2874 0.3144
0.3429 0.3726 0.4032 0.4344 0.4662
0.4986 0.5320 0.5667 0.6018 0.6372
0.6727 0.7083 0.7441 0.7801 0.8162
0.8526 0.8891 0.9259 0.9628 1.0000

Hrad:

0.0256 0.0544 0.0799 0.1035 0.1258
0.1474 0.1409 0.1528 0.1668 0.1734
0.1733 0.1828 0.1960 0.2042 0.2053
0.2056 0.1956 0.2063 0.2247 0.2467
0.2723 0.2978 0.3216 0.3488 0.3762
0.3953 0.4218 0.4460 0.4708 0.4891
0.5102 0.5218 0.5471 0.5754 0.6018
0.6273 0.6407 0.6124 0.6381 0.6735
0.7088 0.7429 0.7770 0.8106 0.8428
0.8754 0.9091 0.9421 0.9736 1.0000

Width:

0.0098 0.0122 0.0146 0.0170 0.0194
0.0218 0.0293 0.0350 0.0502 0.0636
0.0858 0.0982 0.1137 0.1619 0.2056
0.2603 0.3235 0.3691 0.4317 0.4508
0.4753 0.5000 0.5371 0.5565 0.5730
0.5968 0.6364 0.6754 0.7001 0.7432
0.7746 0.8056 0.8264 0.8385 0.8548
0.8744 0.9154 0.9300 0.9420 0.9449
0.9479 0.9522 0.9564 0.9610 0.9671

0.9725 0.9766 0.9815 0.9878 1.0000

Transect C19
Area:
0.0002 0.0006 0.0013 0.0026 0.0042
0.0061 0.0084 0.0109 0.0140 0.0180
0.0228 0.0283 0.0346 0.0413 0.0485
0.0561 0.0643 0.0731 0.0830 0.0937
0.1050 0.1172 0.1305 0.1449 0.1613
0.1794 0.1997 0.2228 0.2487 0.2763
0.3054 0.3357 0.3673 0.4002 0.4342
0.4690 0.5044 0.5402 0.5768 0.6137
0.6510 0.6887 0.7268 0.7653 0.8041
0.8431 0.8822 0.9213 0.9606 1.0000
Hrad:
0.0193 0.0406 0.0617 0.0663 0.0940
0.1231 0.1502 0.1760 0.1946 0.2080
0.2223 0.2304 0.2496 0.2700 0.2908
0.3116 0.3311 0.3501 0.3499 0.3711
0.3918 0.4108 0.4272 0.4407 0.4509
0.4637 0.4686 0.4571 0.4694 0.4838
0.4569 0.4796 0.4949 0.5173 0.5438
0.5431 0.5763 0.6089 0.6414 0.6739
0.7065 0.7386 0.7707 0.8007 0.8337
0.8561 0.8921 0.9281 0.9641 1.0000
Width:
0.0078 0.0146 0.0223 0.0381 0.0448
0.0528 0.0603 0.0674 0.0904 0.1121
0.1296 0.1545 0.1651 0.1760 0.1879
0.2000 0.2144 0.2302 0.2632 0.2778
0.2958 0.3248 0.3482 0.3877 0.4398
0.4775 0.5503 0.6196 0.6812 0.7190
0.7530 0.7862 0.8173 0.8507 0.8752
0.8900 0.9023 0.9196 0.9316 0.9410
0.9503 0.9607 0.9712 0.9815 0.9872
0.9898 0.9924 0.9949 0.9975 1.0000

Transect C20
Area:
0.0002 0.0006 0.0014 0.0024 0.0036
0.0048 0.0061 0.0075 0.0090 0.0113
0.0146 0.0184 0.0225 0.0270 0.0319
0.0372 0.0428 0.0492 0.0569 0.0656
0.0753 0.0859 0.0976 0.1104 0.1237
0.1397 0.1580 0.1785 0.2001 0.2235
0.2477 0.2725 0.2991 0.3284 0.3600
0.3930 0.4268 0.4622 0.5014 0.5431
0.5861 0.6294 0.6730 0.7169 0.7624
0.8089 0.8559 0.9032 0.9510 1.0000
Hrad:
0.0253 0.0506 0.0759 0.1080 0.1510
0.1920 0.2314 0.2694 0.3060 0.3104
0.3105 0.3198 0.3361 0.3513 0.3690
0.3886 0.4095 0.4264 0.4392 0.4478
0.4534 0.4651 0.3967 0.4330 0.4564
0.4235 0.4487 0.4298 0.4612 0.4750
0.5122 0.5484 0.5612 0.5527 0.5611

0.5963 0.6357 0.6659 0.6380 0.6414
0.6885 0.7352 0.7803 0.8236 0.8405
0.8748 0.9209 0.9639 1.0014 1.0000

Width:

0.0060 0.0120 0.0180 0.0224 0.0237
0.0251 0.0264 0.0277 0.0308 0.0598
0.0699 0.0781 0.0849 0.0923 0.1001
0.1077 0.1153 0.1412 0.1615 0.1815
0.2005 0.2182 0.2476 0.2558 0.2798
0.3339 0.3855 0.4169 0.4350 0.4702
0.4833 0.4967 0.5483 0.5964 0.6414
0.6590 0.6793 0.7222 0.7977 0.8465
0.8512 0.8559 0.8623 0.8776 0.9070
0.9246 0.9294 0.9369 0.9496 1.0000

Transect C22

Area:

0.0001 0.0003 0.0007 0.0013 0.0020
0.0029 0.0044 0.0072 0.0108 0.0147
0.0188 0.0231 0.0280 0.0334 0.0390
0.0448 0.0509 0.0572 0.0639 0.0721
0.0829 0.0946 0.1088 0.1249 0.1418
0.1597 0.1782 0.1971 0.2168 0.2376
0.2596 0.2828 0.3071 0.3320 0.3575
0.3837 0.4132 0.4493 0.4859 0.5247
0.5667 0.6115 0.6580 0.7051 0.7527
0.8010 0.8500 0.8995 0.9494 1.0000

Hrad:

0.0254 0.0508 0.0762 0.1016 0.1270
0.1489 0.1437 0.1068 0.1479 0.1887
0.2267 0.2587 0.2755 0.3082 0.3468
0.3844 0.4189 0.4508 0.4696 0.4853
0.4930 0.5085 0.5033 0.3886 0.4114
0.4471 0.4846 0.5218 0.5472 0.5658
0.5890 0.6036 0.6354 0.6705 0.7065
0.7267 0.5854 0.6330 0.6615 0.7026
0.7353 0.6880 0.7147 0.7603 0.7959
0.8395 0.8782 0.9229 0.9639 1.0000

Width:

0.0032 0.0064 0.0096 0.0128 0.0160
0.0196 0.0405 0.0677 0.0732 0.0777
0.0826 0.0893 0.1016 0.1082 0.1124
0.1165 0.1214 0.1267 0.1359 0.2001
0.2214 0.2455 0.3054 0.3211 0.3445
0.3570 0.3675 0.3776 0.3959 0.4197
0.4405 0.4684 0.4831 0.4950 0.5058
0.5279 0.7058 0.7096 0.7372 0.7990
0.8609 0.8917 0.9206 0.9274 0.9456
0.9542 0.9679 0.9747 0.9850 1.0000

Transect C23

Area:

0.0005 0.0023 0.0058 0.0104 0.0168
0.0252 0.0345 0.0451 0.0570 0.0702
0.0853 0.1023 0.1204 0.1395 0.1592
0.1797 0.2003 0.2210 0.2417 0.2625
0.2833 0.3041 0.3250 0.3459 0.3669

0.3880 0.4091 0.4303 0.4515 0.4728
0.4942 0.5157 0.5373 0.5594 0.5822
0.6061 0.6307 0.6559 0.6818 0.7088
0.7366 0.7649 0.7934 0.8223 0.8516
0.8811 0.9105 0.9401 0.9697 1.0000

Hrad:

0.0157 0.0259 0.0453 0.0648 0.0756
0.0967 0.1185 0.1388 0.1576 0.1723
0.1707 0.1868 0.1971 0.2235 0.2493
0.2605 0.2897 0.3189 0.3481 0.3771
0.4062 0.4351 0.4640 0.4925 0.5207
0.5488 0.5769 0.6048 0.6325 0.6601
0.6876 0.7150 0.7423 0.7686 0.7940
0.8171 0.8385 0.8594 0.8110 0.8283
0.8439 0.8656 0.8870 0.9072 0.8628
0.8910 0.9186 0.9461 0.9735 1.0000

Width:

0.0298 0.0997 0.1300 0.1685 0.2503
0.2908 0.3243 0.3628 0.4026 0.4555
0.5268 0.5776 0.6058 0.6365 0.6521
0.6736 0.6749 0.6763 0.6777 0.6790
0.6804 0.6817 0.6831 0.6849 0.6870
0.6890 0.6911 0.6932 0.6955 0.6978
0.7001 0.7024 0.7161 0.7315 0.7636
0.7940 0.8137 0.8329 0.8583 0.9001
0.9169 0.9276 0.9383 0.9527 0.9607
0.9623 0.9645 0.9668 0.9751 1.0000

Transect C26

Area:

0.0000 0.0002 0.0004 0.0006 0.0010
0.0015 0.0020 0.0026 0.0032 0.0039
0.0047 0.0061 0.0084 0.0112 0.0144
0.0184 0.0244 0.0324 0.0418 0.0531
0.0660 0.0803 0.0955 0.1118 0.1292
0.1479 0.1679 0.1898 0.2137 0.2386
0.2645 0.2920 0.3215 0.3532 0.3864
0.4213 0.4572 0.4941 0.5320 0.5712
0.6112 0.6521 0.6936 0.7357 0.7784
0.8221 0.8662 0.9106 0.9552 1.0000

Hrad:

0.0225 0.0450 0.0674 0.0899 0.1124
0.1349 0.1574 0.1861 0.2165 0.2458
0.2705 0.2616 0.2468 0.2465 0.2544
0.2617 0.2389 0.2452 0.2564 0.2674
0.2826 0.3009 0.3248 0.3503 0.3758
0.3959 0.4174 0.4238 0.4468 0.4703
0.4946 0.4930 0.5035 0.5196 0.5414
0.5710 0.6021 0.6247 0.6567 0.6829
0.7092 0.7400 0.7791 0.8178 0.8501
0.8474 0.8885 0.9282 0.9677 1.0000

Width:

0.0018 0.0036 0.0054 0.0072 0.0090
0.0108 0.0126 0.0138 0.0149 0.0159
0.0214 0.0436 0.0563 0.0660 0.0771
0.1012 0.1585 0.1952 0.2276 0.2734
0.2996 0.3289 0.3506 0.3748 0.3990

0.4308 0.4699 0.5140 0.5437 0.5660
0.5878 0.6333 0.6820 0.7253 0.7617
0.7886 0.8103 0.8327 0.8578 0.8834
0.8977 0.9188 0.9304 0.9410 0.9611
0.9809 0.9847 0.9898 0.9949 1.0000

Transect C27
Area:
0.0004 0.0013 0.0023 0.0035 0.0048
0.0062 0.0084 0.0113 0.0152 0.0197
0.0249 0.0313 0.0389 0.0470 0.0556
0.0646 0.0739 0.0836 0.0940 0.1050
0.1172 0.1306 0.1448 0.1601 0.1763
0.1934 0.2117 0.2313 0.2528 0.2766
0.3023 0.3297 0.3582 0.3891 0.4213
0.4553 0.4903 0.5261 0.5625 0.5993
0.6369 0.6756 0.7150 0.7549 0.7952
0.8357 0.8764 0.9174 0.9586 1.0000
Hrad:
0.0205 0.0536 0.0868 0.1175 0.1465
0.1740 0.1825 0.1764 0.1460 0.1751
0.1855 0.2083 0.2033 0.2324 0.2649
0.2988 0.3318 0.3633 0.3900 0.4130
0.4394 0.4400 0.4265 0.4581 0.4880
0.5167 0.5433 0.5663 0.5861 0.6034
0.6199 0.6384 0.6582 0.6676 0.6782
0.6787 0.6947 0.6951 0.7190 0.7456
0.7710 0.7947 0.7729 0.8074 0.8292
0.8665 0.9032 0.9397 0.9626 1.0000
Width:
0.0181 0.0238 0.0266 0.0294 0.0322
0.0371 0.0630 0.0805 0.1029 0.1146
0.1410 0.1678 0.1892 0.2028 0.2124
0.2200 0.2278 0.2420 0.2575 0.2779
0.3082 0.3331 0.3563 0.3800 0.3970
0.4282 0.4555 0.4947 0.5474 0.5966
0.6409 0.6751 0.7099 0.7595 0.7959
0.8323 0.8528 0.8698 0.8832 0.8949
0.9215 0.9408 0.9575 0.9662 0.9733
0.9782 0.9843 0.9907 0.9959 1.0000

Transect C28
Area:
0.0003 0.0014 0.0027 0.0042 0.0058
0.0076 0.0096 0.0117 0.0144 0.0176
0.0213 0.0253 0.0296 0.0343 0.0393
0.0447 0.0504 0.0565 0.0630 0.0698
0.0791 0.0906 0.1035 0.1178 0.1336
0.1506 0.1694 0.1900 0.2122 0.2354
0.2596 0.2845 0.3102 0.3367 0.3640
0.3923 0.4214 0.4511 0.4815 0.5126
0.5452 0.5788 0.6131 0.6525 0.7045
0.7611 0.8198 0.8794 0.9394 1.0000
Hrad:
0.0304 0.0667 0.1163 0.1619 0.2046
0.2453 0.2863 0.3236 0.3493 0.3717
0.3951 0.4202 0.4466 0.4713 0.4967

0.5230 0.5497 0.5760 0.6010 0.6242
0.6246 0.6185 0.5605 0.5794 0.5942
0.5920 0.5863 0.6026 0.5660 0.6035
0.6432 0.6856 0.7225 0.7613 0.7961
0.8307 0.8714 0.9143 0.9526 0.9899
1.0019 1.0373 1.0782 1.1019 1.0604
1.0496 0.8441 0.8947 0.9476 1.0000

Width:

0.0113 0.0204 0.0230 0.0256 0.0283
0.0309 0.0333 0.0396 0.0494 0.0563
0.0627 0.0685 0.0740 0.0799 0.0856
0.0913 0.0970 0.1030 0.1094 0.1256
0.1758 0.1998 0.2273 0.2471 0.2689
0.2936 0.3249 0.3507 0.3747 0.3900
0.4035 0.4149 0.4292 0.4422 0.4572
0.4722 0.4836 0.4934 0.5055 0.5226
0.5443 0.5582 0.5730 0.7674 0.9106
0.9556 0.9718 0.9832 0.9916 1.0000

Transect C3

Area:

0.0009 0.0024 0.0043 0.0063 0.0085
0.0107 0.0132 0.0158 0.0185 0.0213
0.0243 0.0275 0.0309 0.0343 0.0380
0.0418 0.0458 0.0499 0.0543 0.0597
0.0677 0.0777 0.0904 0.1076 0.1280
0.1502 0.1731 0.1966 0.2206 0.2451
0.2703 0.2961 0.3224 0.3494 0.3770
0.4052 0.4337 0.4627 0.4932 0.5254
0.5594 0.5962 0.6369 0.6839 0.7338
0.7850 0.8378 0.8910 0.9450 1.0000

Hrad:

0.0390 0.0764 0.1246 0.1699 0.2131
0.2543 0.2941 0.3341 0.3712 0.4055
0.4393 0.4724 0.5051 0.5374 0.5693
0.6009 0.6349 0.6678 0.6972 0.7143
0.7012 0.6698 0.6206 0.5881 0.5582
0.5476 0.5538 0.5676 0.5941 0.6233
0.6510 0.6831 0.7168 0.7372 0.7728
0.8095 0.8513 0.8938 0.9050 0.9380
0.9748 1.0046 1.0290 1.0022 1.0239
1.0506 0.9638 1.0095 1.0308 1.0000

Width:

0.0225 0.0321 0.0346 0.0372 0.0398
0.0423 0.0449 0.0472 0.0498 0.0526
0.0555 0.0583 0.0611 0.0640 0.0668
0.0696 0.0722 0.0748 0.0838 0.1213
0.1619 0.1982 0.2688 0.3435 0.3860
0.4054 0.4151 0.4256 0.4342 0.4439
0.4589 0.4669 0.4751 0.4900 0.4992
0.5083 0.5151 0.5243 0.5649 0.5881
0.6286 0.6854 0.7847 0.8772 0.9092
0.9284 0.9517 0.9560 0.9751 1.0000

Transect C30

Area:

0.0000 0.0001 0.0003 0.0005 0.0007

0.0010 0.0014 0.0018 0.0023 0.0028
0.0034 0.0041 0.0048 0.0055 0.0063
0.0071 0.0080 0.0089 0.0098 0.0107
0.0117 0.0136 0.0170 0.0212 0.0268
0.0360 0.0497 0.0662 0.0851 0.1052
0.1278 0.1531 0.1803 0.2097 0.2430
0.2785 0.3155 0.3555 0.3982 0.4442
0.4923 0.5424 0.5946 0.6489 0.7053
0.7627 0.8208 0.8797 0.9394 1.0000

Hrad:

0.0288 0.0576 0.0864 0.1153 0.1441
0.1729 0.2017 0.2305 0.2593 0.2882
0.3170 0.3458 0.3746 0.4141 0.4534
0.4919 0.5297 0.5667 0.6032 0.6391
0.6745 0.6508 0.5826 0.5334 0.4931
0.4260 0.3801 0.3621 0.3660 0.3878
0.4088 0.4330 0.4595 0.4833 0.4770
0.5094 0.5352 0.5617 0.5939 0.6244
0.6616 0.7001 0.7377 0.7545 0.7893
0.8329 0.8764 0.9211 0.9702 1.0000

Width:

0.0009 0.0018 0.0028 0.0037 0.0046
0.0055 0.0065 0.0074 0.0083 0.0092
0.0101 0.0111 0.0120 0.0125 0.0131
0.0136 0.0141 0.0147 0.0152 0.0157
0.0163 0.0482 0.0622 0.0769 0.1052
0.1972 0.2491 0.2908 0.3191 0.3390
0.3949 0.4295 0.4595 0.5028 0.5664
0.5911 0.6265 0.6721 0.7290 0.7677
0.8030 0.8362 0.8666 0.9011 0.9318
0.9418 0.9535 0.9716 0.9780 1.0000

Transect C31

Area:

0.0001 0.0014 0.0046 0.0093 0.0151
0.0213 0.0280 0.0353 0.0432 0.0516
0.0603 0.0692 0.0784 0.0879 0.0979
0.1085 0.1200 0.1325 0.1458 0.1597
0.1744 0.1900 0.2062 0.2228 0.2401
0.2582 0.2773 0.2984 0.3214 0.3462
0.3721 0.3995 0.4288 0.4587 0.4889
0.5196 0.5507 0.5823 0.6145 0.6475
0.6811 0.7153 0.7499 0.7849 0.8201
0.8555 0.8911 0.9271 0.9633 1.0000

Hrad:

0.0168 0.0240 0.0429 0.0696 0.0952
0.1271 0.1571 0.1771 0.2042 0.2337
0.2632 0.2923 0.3210 0.3510 0.3808
0.4065 0.4271 0.4486 0.4706 0.4921
0.4967 0.5220 0.5475 0.5733 0.5982
0.6220 0.6442 0.6614 0.6772 0.6920
0.7076 0.7128 0.6800 0.7028 0.7264
0.7505 0.7751 0.7963 0.8047 0.8323
0.8593 0.8864 0.9134 0.9198 0.9489
0.9771 1.0036 1.0301 1.0573 1.0000

Width:

0.0114 0.0585 0.1117 0.1425 0.1629

0.1744 0.1864 0.2081 0.2217 0.2310
0.2381 0.2453 0.2525 0.2597 0.2781
0.2993 0.3255 0.3483 0.3671 0.3855
0.4213 0.4293 0.4430 0.4564 0.4779
0.5021 0.5357 0.6008 0.6480 0.6871
0.7159 0.7737 0.8014 0.8128 0.8241
0.8354 0.8462 0.8630 0.8790 0.9046
0.9170 0.9294 0.9418 0.9499 0.9541
0.9599 0.9685 0.9770 0.9846 1.0000

Transect C32
Area:
0.0005 0.0017 0.0044 0.0079 0.0123
0.0186 0.0266 0.0359 0.0462 0.0580
0.0725 0.0886 0.1062 0.1257 0.1467
0.1684 0.1905 0.2125 0.2347 0.2568
0.2790 0.3013 0.3236 0.3459 0.3683
0.3908 0.4133 0.4362 0.4594 0.4831
0.5072 0.5315 0.5564 0.5815 0.6067
0.6320 0.6574 0.6829 0.7084 0.7340
0.7596 0.7853 0.8113 0.8374 0.8638
0.8903 0.9171 0.9444 0.9720 1.0000
Hrad:
0.0190 0.0309 0.0403 0.0598 0.0724
0.0819 0.0964 0.1074 0.1315 0.1522
0.1671 0.1800 0.1774 0.1829 0.2009
0.2266 0.2449 0.2727 0.3005 0.3282
0.3559 0.3836 0.4110 0.4381 0.4652
0.4922 0.5175 0.5347 0.5598 0.5814
0.5963 0.6223 0.6477 0.6534 0.6794
0.7057 0.7319 0.7582 0.7851 0.8118
0.8386 0.8651 0.8913 0.9172 0.9429
0.9684 0.9935 1.0175 1.0383 1.0000
Width:
0.0248 0.0696 0.1134 0.1385 0.1815
0.2521 0.3090 0.3466 0.3844 0.4780
0.5438 0.5900 0.6628 0.7206 0.7609
0.7738 0.7804 0.7818 0.7832 0.7847
0.7861 0.7876 0.7893 0.7914 0.7935
0.7956 0.8004 0.8174 0.8264 0.8481
0.8519 0.8716 0.8850 0.8911 0.8942
0.8967 0.8993 0.9015 0.9031 0.9047
0.9064 0.9141 0.9226 0.9279 0.9332
0.9431 0.9529 0.9730 0.9834 1.0000

Transect C33
Area:
0.0011 0.0038 0.0090 0.0174 0.0294
0.0426 0.0571 0.0723 0.0878 0.1036
0.1197 0.1364 0.1540 0.1728 0.1927
0.2145 0.2368 0.2592 0.2816 0.3041
0.3266 0.3491 0.3716 0.3942 0.4167
0.4393 0.4620 0.4846 0.5072 0.5299
0.5526 0.5753 0.5981 0.6210 0.6440
0.6671 0.6902 0.7134 0.7367 0.7600
0.7835 0.8070 0.8306 0.8543 0.8781
0.9020 0.9261 0.9504 0.9750 1.0000

Hrad:

0.0133	0.0311	0.0419	0.0489	0.0601
0.0812	0.0980	0.1211	0.1443	0.1674
0.1898	0.2078	0.2191	0.2367	0.2471
0.2675	0.2719	0.2973	0.3227	0.3480
0.3733	0.3986	0.4239	0.4491	0.4743
0.4996	0.5248	0.5501	0.5753	0.6005
0.6256	0.6507	0.6757	0.7006	0.7254
0.7501	0.7747	0.7988	0.8228	0.8467
0.8705	0.8942	0.9179	0.9413	0.9636
0.9857	1.0077	1.0268	1.0425	1.0000

Width:

0.0817	0.1379	0.2574	0.4135	0.4925
0.5411	0.5865	0.6007	0.6124	0.6241
0.6413	0.6702	0.7181	0.7462	0.8446
0.8639	0.8764	0.8773	0.8782	0.8792
0.8801	0.8810	0.8820	0.8829	0.8838
0.8846	0.8853	0.8861	0.8868	0.8875
0.8883	0.8903	0.8940	0.8978	0.9010
0.9036	0.9062	0.9093	0.9125	0.9156
0.9188	0.9220	0.9252	0.9285	0.9340
0.9397	0.9456	0.9553	0.9686	1.0000

Transect C36

Area:

0.0001	0.0005	0.0018	0.0036	0.0057
0.0083	0.0117	0.0166	0.0225	0.0292
0.0373	0.0472	0.0579	0.0696	0.0829
0.0980	0.1150	0.1330	0.1520	0.1718
0.1926	0.2144	0.2372	0.2611	0.2861
0.3118	0.3384	0.3653	0.3926	0.4201
0.4477	0.4757	0.5038	0.5322	0.5607
0.5893	0.6180	0.6468	0.6757	0.7048
0.7339	0.7631	0.7925	0.8220	0.8515
0.8810	0.9106	0.9403	0.9701	1.0000

Hrad:

0.0150	0.0229	0.0377	0.0557	0.0759
0.0928	0.0955	0.1098	0.1225	0.1353
0.1407	0.1509	0.1702	0.1883	0.2047
0.2134	0.2260	0.2451	0.2656	0.2851
0.3039	0.3221	0.3336	0.3508	0.3660
0.3875	0.4054	0.4302	0.4551	0.4805
0.5061	0.5316	0.5572	0.5752	0.6021
0.6298	0.6574	0.6847	0.7120	0.7393
0.7664	0.7935	0.8205	0.8432	0.8715
0.8997	0.9279	0.9547	0.9793	1.0000

Width:

0.0064	0.0319	0.0508	0.0654	0.0760
0.0968	0.1413	0.1798	0.2116	0.2378
0.3047	0.3456	0.3745	0.4125	0.4676
0.5369	0.5887	0.6173	0.6468	0.6764
0.7093	0.7435	0.7772	0.8144	0.8483
0.8706	0.8951	0.9037	0.9124	0.9198
0.9275	0.9353	0.9425	0.9488	0.9527
0.9557	0.9587	0.9623	0.9660	0.9697
0.9735	0.9772	0.9810	0.9834	0.9850
0.9865	0.9881	0.9908	0.9954	1.0000

Transect C37

Area:

0.0010	0.0038	0.0073	0.0112	0.0159
0.0213	0.0275	0.0362	0.0486	0.0628
0.0780	0.0936	0.1097	0.1264	0.1434
0.1612	0.1795	0.1982	0.2172	0.2366
0.2571	0.2788	0.3007	0.3230	0.3458
0.3692	0.3930	0.4173	0.4425	0.4678
0.4933	0.5189	0.5446	0.5704	0.5963
0.6223	0.6484	0.6747	0.7011	0.7275
0.7542	0.7809	0.8079	0.8349	0.8621
0.8894	0.9169	0.9445	0.9722	1.0000

Hrad:

0.0163	0.0335	0.0544	0.0756	0.0847
0.1044	0.1208	0.1228	0.1134	0.1175
0.1414	0.1655	0.1860	0.2103	0.2311
0.2481	0.2709	0.2935	0.3165	0.3378
0.3487	0.3563	0.3794	0.4025	0.4158
0.4370	0.4589	0.4666	0.4882	0.5138
0.5393	0.5650	0.5906	0.6161	0.6408
0.6655	0.6908	0.7160	0.7406	0.7647
0.7882	0.8114	0.8352	0.8590	0.8830
0.9070	0.9304	0.9537	0.9769	1.0000

Width:

0.0702	0.1141	0.1339	0.1487	0.1873
0.2038	0.2575	0.3788	0.4932	0.5350
0.5516	0.5657	0.5900	0.6007	0.6204
0.6498	0.6628	0.6754	0.6864	0.7112
0.7668	0.7824	0.7927	0.8025	0.8318
0.8450	0.8564	0.8944	0.9064	0.9106
0.9148	0.9185	0.9220	0.9257	0.9305
0.9351	0.9387	0.9423	0.9466	0.9514
0.9568	0.9625	0.9673	0.9721	0.9764
0.9807	0.9855	0.9903	0.9952	1.0000

Transect C39

Area:

0.0001	0.0004	0.0009	0.0016	0.0025
0.0035	0.0046	0.0059	0.0072	0.0087
0.0103	0.0120	0.0138	0.0157	0.0177
0.0199	0.0222	0.0248	0.0279	0.0318
0.0364	0.0416	0.0472	0.0539	0.0624
0.0740	0.0889	0.1070	0.1283	0.1534
0.1812	0.2113	0.2442	0.2798	0.3170
0.3558	0.3963	0.4388	0.4834	0.5288
0.5748	0.6212	0.6679	0.7147	0.7617
0.8089	0.8562	0.9039	0.9518	1.0000

Hrad:

0.0243	0.0485	0.0728	0.0997	0.1306
0.1598	0.1879	0.2153	0.2421	0.2737
0.3056	0.3368	0.3672	0.3965	0.4081
0.4218	0.4370	0.4310	0.4396	0.4555
0.4661	0.4776	0.4908	0.4880	0.4809
0.4446	0.3369	0.3212	0.3433	0.3634
0.3864	0.4109	0.4294	0.4549	0.4815
0.5105	0.5299	0.5486	0.5540	0.5733

0.6150 0.6561 0.7011 0.7467 0.7922
0.8377 0.8808 0.9226 0.9610 1.0000

Width:

0.0042 0.0084 0.0126 0.0164 0.0191
0.0218 0.0245 0.0272 0.0299 0.0319
0.0338 0.0357 0.0376 0.0395 0.0433
0.0471 0.0509 0.0577 0.0691 0.0880
0.1023 0.1114 0.1205 0.1545 0.2044
0.2729 0.3423 0.4053 0.4859 0.5481
0.5967 0.6471 0.7169 0.7497 0.7872
0.8165 0.8535 0.9099 0.9272 0.9451
0.9535 0.9616 0.9654 0.9684 0.9715
0.9746 0.9800 0.9866 0.9906 1.0000

Transect C4

Area:

0.0007 0.0020 0.0042 0.0069 0.0101
0.0138 0.0180 0.0225 0.0273 0.0324
0.0384 0.0456 0.0544 0.0651 0.0777
0.0909 0.1045 0.1189 0.1342 0.1499
0.1660 0.1826 0.1999 0.2178 0.2366
0.2569 0.2787 0.3025 0.3282 0.3558
0.3841 0.4130 0.4427 0.4732 0.5043
0.5358 0.5675 0.5994 0.6315 0.6638
0.6962 0.7289 0.7617 0.7949 0.8282
0.8620 0.8960 0.9302 0.9648 1.0000

Hrad:

0.0213 0.0431 0.0573 0.0826 0.1018
0.1215 0.1440 0.1685 0.1921 0.2115
0.2225 0.2364 0.2467 0.2065 0.2108
0.2355 0.2641 0.2915 0.3179 0.3447
0.3720 0.3985 0.4238 0.4468 0.4532
0.4489 0.4726 0.4770 0.4959 0.4656
0.4905 0.5151 0.5371 0.5608 0.5737
0.6046 0.6355 0.6665 0.6978 0.7290
0.7602 0.7913 0.8204 0.8490 0.8749
0.9016 0.9310 0.9602 0.9786 1.0000

Width:

0.0308 0.0463 0.0720 0.0825 0.0974
0.1118 0.1229 0.1313 0.1397 0.1506
0.1853 0.2175 0.2785 0.3425 0.3620
0.3789 0.3914 0.4209 0.4374 0.4491
0.4591 0.4808 0.4950 0.5120 0.5476
0.5973 0.6391 0.7028 0.7523 0.7897
0.8057 0.8236 0.8495 0.8695 0.8831
0.8898 0.8963 0.9021 0.9075 0.9128
0.9177 0.9226 0.9296 0.9367 0.9464
0.9552 0.9612 0.9672 0.9847 1.0000

Transect C40

Area:

0.0011 0.0026 0.0043 0.0064 0.0087
0.0115 0.0146 0.0183 0.0227 0.0272
0.0321 0.0372 0.0428 0.0486 0.0546
0.0611 0.0682 0.0762 0.0846 0.0935
0.1028 0.1123 0.1221 0.1321 0.1427
0.1549 0.1688 0.1844 0.2014 0.2201

0.2403 0.2636 0.2914 0.3226 0.3567
0.3939 0.4334 0.4743 0.5159 0.5580
0.6006 0.6437 0.6872 0.7311 0.7753
0.8198 0.8645 0.9094 0.9546 1.0000

Hrad:

0.0347 0.0716 0.1048 0.1320 0.1564
0.1745 0.2043 0.1988 0.2308 0.2635
0.2953 0.3139 0.3441 0.3730 0.4005
0.3993 0.4231 0.4185 0.4478 0.4665
0.4983 0.5302 0.5616 0.5925 0.6211
0.6409 0.5755 0.5234 0.5443 0.5282
0.5515 0.5286 0.5141 0.5405 0.5484
0.5178 0.5045 0.5320 0.5728 0.6131
0.6515 0.6919 0.7324 0.7729 0.8154
0.8576 0.8997 0.9417 0.9835 1.0000

Width:

0.0305 0.0359 0.0413 0.0482 0.0557
0.0660 0.0717 0.0921 0.0982 0.1034
0.1086 0.1186 0.1243 0.1302 0.1364
0.1530 0.1613 0.1821 0.1891 0.2005
0.2063 0.2119 0.2174 0.2230 0.2532
0.2831 0.3300 0.3624 0.3899 0.4273
0.4744 0.5532 0.6581 0.7142 0.7802
0.8516 0.8817 0.9103 0.9178 0.9291
0.9426 0.9522 0.9600 0.9678 0.9732
0.9787 0.9841 0.9896 0.9951 1.0000

Transect C41

Area:

0.0000 0.0002 0.0004 0.0008 0.0012
0.0017 0.0023 0.0030 0.0039 0.0047
0.0057 0.0067 0.0078 0.0090 0.0102
0.0115 0.0129 0.0143 0.0158 0.0173
0.0189 0.0205 0.0222 0.0248 0.0297
0.0381 0.0505 0.0658 0.0842 0.1055
0.1307 0.1602 0.1932 0.2299 0.2688
0.3088 0.3502 0.3928 0.4366 0.4822
0.5288 0.5766 0.6265 0.6775 0.7299
0.7830 0.8369 0.8910 0.9453 1.0000

Hrad:

0.0274 0.0548 0.0821 0.1095 0.1369
0.1643 0.1917 0.2191 0.2481 0.2817
0.3144 0.3464 0.3778 0.4087 0.4410
0.4751 0.5087 0.5417 0.5742 0.6064
0.6382 0.6697 0.7009 0.6952 0.6262
0.5339 0.4551 0.4164 0.3936 0.3777
0.3769 0.3305 0.3554 0.3389 0.3848
0.4311 0.4643 0.5110 0.5524 0.5952
0.6421 0.6824 0.7278 0.7729 0.8182
0.8645 0.8574 0.9101 0.9599 1.0000

Width:

0.0017 0.0035 0.0052 0.0069 0.0087
0.0104 0.0121 0.0139 0.0155 0.0168
0.0181 0.0194 0.0206 0.0219 0.0231
0.0242 0.0252 0.0263 0.0274 0.0284
0.0295 0.0305 0.0316 0.0655 0.1198
0.1890 0.2529 0.3121 0.3592 0.4206

0.4934 0.5750 0.6347 0.6981 0.7191
0.7398 0.7670 0.7849 0.8150 0.8414
0.8589 0.8895 0.9206 0.9435 0.9612
0.9714 0.9842 0.9872 0.9932 1.0000

Transect C43
Area:
0.0002 0.0010 0.0021 0.0034 0.0052
0.0078 0.0107 0.0147 0.0198 0.0265
0.0334 0.0405 0.0478 0.0556 0.0642
0.0735 0.0834 0.0941 0.1060 0.1187
0.1319 0.1454 0.1594 0.1740 0.1898
0.2075 0.2262 0.2458 0.2663 0.2875
0.3093 0.3321 0.3565 0.3832 0.4126
0.4448 0.4795 0.5157 0.5527 0.5904
0.6288 0.6677 0.7071 0.7472 0.7878
0.8290 0.8709 0.9134 0.9566 1.0000
Hrad:
0.0218 0.0445 0.0755 0.1037 0.0970
0.1253 0.1483 0.1414 0.1645 0.1683
0.2080 0.2471 0.2849 0.3209 0.3542
0.3809 0.3845 0.4122 0.4201 0.4487
0.4801 0.5119 0.5428 0.5722 0.5962
0.6094 0.6352 0.6602 0.6847 0.7002
0.7270 0.7489 0.7668 0.7769 0.7850
0.7957 0.7815 0.7881 0.7965 0.8202
0.7848 0.8201 0.8526 0.8841 0.9162
0.9482 0.9772 1.0080 1.0209 1.0000
Width:
0.0113 0.0222 0.0274 0.0325 0.0542
0.0623 0.0780 0.1040 0.1391 0.1578
0.1610 0.1643 0.1728 0.1855 0.2082
0.2191 0.2403 0.2503 0.2875 0.2984
0.3068 0.3143 0.3286 0.3457 0.3827
0.4220 0.4408 0.4606 0.4806 0.4952
0.5086 0.5366 0.5876 0.6487 0.7016
0.7777 0.8166 0.8440 0.8595 0.8728
0.8928 0.8980 0.9151 0.9283 0.9405
0.9529 0.9714 0.9830 0.9971 1.0000

Transect C44
Area:
0.0005 0.0026 0.0070 0.0145 0.0235
0.0331 0.0438 0.0556 0.0685 0.0820
0.0963 0.1119 0.1288 0.1465 0.1657
0.1855 0.2058 0.2264 0.2471 0.2680
0.2891 0.3104 0.3319 0.3537 0.3757
0.3981 0.4207 0.4435 0.4666 0.4899
0.5135 0.5373 0.5616 0.5862 0.6109
0.6357 0.6606 0.6855 0.7107 0.7361
0.7615 0.7871 0.8127 0.8385 0.8643
0.8904 0.9171 0.9443 0.9720 1.0000
Hrad:
0.0195 0.0236 0.0388 0.0521 0.0734
0.0973 0.1187 0.1392 0.1600 0.1812
0.2015 0.2198 0.2382 0.2560 0.2712
0.2904 0.3126 0.3356 0.3589 0.3824

0.4061 0.4296 0.4528 0.4745 0.4970
0.5187 0.5407 0.5626 0.5843 0.6060
0.6268 0.6472 0.6636 0.6715 0.6982
0.7249 0.7499 0.7745 0.7954 0.8209
0.8462 0.8713 0.8964 0.9213 0.9454
0.9608 0.9655 0.9805 0.9960 1.0000
Width:
0.0313 0.1220 0.2085 0.3036 0.3280
0.3561 0.3957 0.4461 0.4653 0.4938
0.5204 0.5852 0.6101 0.6520 0.6918
0.7154 0.7237 0.7306 0.7371 0.7435
0.7496 0.7570 0.7652 0.7775 0.7863
0.7954 0.8039 0.8123 0.8210 0.8297
0.8400 0.8508 0.8666 0.8743 0.8762
0.8781 0.8821 0.8867 0.8963 0.8995
0.9030 0.9065 0.9100 0.9137 0.9180
0.9304 0.9580 0.9714 0.9846 1.0000

Transect C45
Area:
0.0008 0.0026 0.0055 0.0088 0.0127
0.0175 0.0229 0.0294 0.0379 0.0479
0.0587 0.0697 0.0814 0.0940 0.1070
0.1204 0.1342 0.1484 0.1634 0.1796
0.1966 0.2147 0.2338 0.2539 0.2750
0.2976 0.3228 0.3484 0.3744 0.4008
0.4274 0.4541 0.4811 0.5083 0.5358
0.5639 0.5922 0.6208 0.6499 0.6800
0.7105 0.7414 0.7726 0.8041 0.8359
0.8680 0.9004 0.9334 0.9666 1.0000
Hrad:
0.0233 0.0321 0.0592 0.0850 0.0993
0.1186 0.1400 0.1547 0.1480 0.1552
0.1821 0.2100 0.2249 0.2488 0.2741
0.2998 0.3247 0.3484 0.3693 0.3873
0.4049 0.4225 0.4366 0.4533 0.4661
0.4672 0.4280 0.4553 0.4829 0.5112
0.5406 0.5702 0.5996 0.6269 0.6506
0.6739 0.7008 0.7272 0.7472 0.7537
0.7791 0.8056 0.8296 0.8540 0.8808
0.9068 0.9258 0.9488 0.9774 1.0000
Width:
0.0354 0.0802 0.0932 0.1044 0.1286
0.1501 0.1738 0.2155 0.2776 0.3103
0.3235 0.3335 0.3635 0.3792 0.3919
0.4033 0.4150 0.4277 0.4642 0.4937
0.5191 0.5495 0.5825 0.6090 0.6460
0.7089 0.7555 0.7664 0.7763 0.7848
0.7912 0.7969 0.8026 0.8108 0.8235
0.8365 0.8446 0.8531 0.8819 0.9012
0.9109 0.9191 0.9298 0.9400 0.9472
0.9552 0.9704 0.9815 0.9864 1.0000

Transect C46
Area:
0.0001 0.0003 0.0007 0.0012 0.0021
0.0033 0.0054 0.0082 0.0116 0.0154

0.0195 0.0239 0.0286 0.0338 0.0395
0.0456 0.0522 0.0601 0.0698 0.0803
0.0920 0.1050 0.1186 0.1337 0.1513
0.1749 0.2020 0.2302 0.2586 0.2878
0.3176 0.3476 0.3779 0.4091 0.4412
0.4746 0.5084 0.5445 0.5812 0.6181
0.6550 0.6921 0.7292 0.7671 0.8053
0.8437 0.8823 0.9210 0.9599 1.0000

Hrad:

0.0202 0.0404 0.0606 0.0808 0.0842
0.0659 0.0949 0.1052 0.1286 0.1583
0.1861 0.2142 0.2333 0.2484 0.2705
0.2897 0.3025 0.2764 0.2940 0.3089
0.3312 0.3509 0.3770 0.3939 0.4074
0.3666 0.2952 0.3335 0.3710 0.4042
0.4283 0.4661 0.5034 0.5221 0.5558
0.5724 0.6081 0.6014 0.6391 0.6772
0.7158 0.7542 0.7897 0.8134 0.8490
0.8863 0.9234 0.9601 0.9909 1.0000

Width:

0.0038 0.0076 0.0114 0.0152 0.0240
0.0488 0.0562 0.0770 0.0891 0.0960
0.1033 0.1098 0.1208 0.1341 0.1437
0.1552 0.1701 0.2237 0.2465 0.2706
0.3000 0.3260 0.3438 0.3859 0.5331
0.6211 0.6838 0.6892 0.7000 0.7185
0.7310 0.7352 0.7448 0.7725 0.8058
0.8174 0.8503 0.8927 0.8967 0.8998
0.9022 0.9047 0.9105 0.9298 0.9352
0.9386 0.9420 0.9457 0.9559 1.0000

Transect C48

Area:

0.0002 0.0007 0.0019 0.0046 0.0101
0.0192 0.0307 0.0446 0.0604 0.0782
0.0970 0.1164 0.1363 0.1564 0.1769
0.1981 0.2199 0.2420 0.2642 0.2867
0.3093 0.3320 0.3550 0.3781 0.4013
0.4246 0.4479 0.4712 0.4946 0.5181
0.5416 0.5651 0.5887 0.6123 0.6360
0.6598 0.6836 0.7075 0.7314 0.7555
0.7796 0.8037 0.8280 0.8523 0.8767
0.9012 0.9257 0.9504 0.9751 1.0000

Hrad:

0.0126 0.0233 0.0367 0.0398 0.0452
0.0503 0.0651 0.0823 0.0974 0.1096
0.1323 0.1511 0.1725 0.1961 0.2185
0.2397 0.2570 0.2801 0.3031 0.3259
0.3484 0.3708 0.3931 0.4154 0.4390
0.4632 0.4874 0.5115 0.5356 0.5597
0.5838 0.6078 0.6316 0.6553 0.6791
0.7027 0.7264 0.7498 0.7731 0.7963
0.8195 0.8427 0.8658 0.8885 0.9112
0.9339 0.9563 0.9786 1.0008 1.0000

Width:

0.0127 0.0362 0.0594 0.1640 0.2823
0.4209 0.5142 0.5927 0.6785 0.7404

0.7605 0.7881 0.7980 0.8044 0.8326
0.8575 0.8788 0.8858 0.8928 0.8994
0.9062 0.9129 0.9196 0.9261 0.9283
0.9301 0.9319 0.9337 0.9354 0.9372
0.9390 0.9408 0.9431 0.9454 0.9477
0.9500 0.9523 0.9549 0.9581 0.9612
0.9644 0.9671 0.9698 0.9728 0.9759
0.9789 0.9823 0.9858 0.9895 1.0000

Transect C49
Area:
0.0002 0.0013 0.0034 0.0061 0.0093
0.0127 0.0162 0.0199 0.0238 0.0282
0.0336 0.0399 0.0472 0.0557 0.0666
0.0803 0.0967 0.1153 0.1360 0.1579
0.1805 0.2036 0.2272 0.2512 0.2758
0.3013 0.3276 0.3543 0.3814 0.4086
0.4360 0.4636 0.4914 0.5197 0.5486
0.5777 0.6071 0.6367 0.6666 0.6965
0.7265 0.7566 0.7868 0.8171 0.8474
0.8777 0.9082 0.9387 0.9693 1.0000
Hrad:
0.0154 0.0242 0.0471 0.0627 0.0886
0.1145 0.1407 0.1663 0.1768 0.1947
0.2106 0.2251 0.2348 0.2388 0.2413
0.2464 0.2434 0.2494 0.2116 0.2379
0.2639 0.2897 0.3156 0.3413 0.3654
0.3856 0.4106 0.4219 0.4379 0.4664
0.4947 0.5229 0.5510 0.5742 0.6026
0.6309 0.6587 0.6863 0.7140 0.7418
0.7696 0.7975 0.8219 0.8510 0.8801
0.9086 0.9366 0.9644 0.9923 1.0000
Width:
0.0133 0.0566 0.0760 0.0990 0.1070
0.1135 0.1174 0.1213 0.1356 0.1562
0.1907 0.2196 0.2536 0.3088 0.4000
0.4914 0.5706 0.6517 0.6987 0.7241
0.7430 0.7598 0.7753 0.7904 0.8117
0.8469 0.8628 0.8770 0.8831 0.8884
0.8942 0.9000 0.9094 0.9357 0.9438
0.9509 0.9599 0.9677 0.9711 0.9746
0.9781 0.9816 0.9833 0.9849 0.9865
0.9887 0.9915 0.9943 0.9972 1.0000

Transect C50
Area:
0.0006 0.0018 0.0031 0.0056 0.0082
0.0110 0.0139 0.0169 0.0200 0.0232
0.0266 0.0301 0.0342 0.0394 0.0450
0.0509 0.0574 0.0645 0.0718 0.0796
0.0878 0.0972 0.1084 0.1216 0.1361
0.1523 0.1710 0.1934 0.2189 0.2455
0.2731 0.3026 0.3338 0.3670 0.4008
0.4354 0.4707 0.5065 0.5428 0.5797
0.6175 0.6565 0.6979 0.7398 0.7821
0.8251 0.8683 0.9118 0.9556 1.0000
Hrad:

0.0300 0.0644 0.0848 0.0982 0.1345
0.1728 0.2100 0.2461 0.2812 0.3150
0.3450 0.3743 0.3052 0.3277 0.3528
0.3666 0.3757 0.3996 0.4254 0.4467
0.4601 0.4443 0.4494 0.3984 0.3914
0.4011 0.3945 0.3476 0.3770 0.4050
0.4325 0.4505 0.4638 0.4918 0.5234
0.5593 0.5925 0.6285 0.6642 0.6971
0.7193 0.7537 0.7485 0.7865 0.8176
0.8562 0.8953 0.9340 0.9661 1.0000

Width:

0.0216 0.0275 0.0415 0.0568 0.0611
0.0636 0.0661 0.0686 0.0711 0.0737
0.0770 0.0803 0.1122 0.1203 0.1274
0.1388 0.1529 0.1613 0.1689 0.1782
0.1966 0.2190 0.2755 0.3059 0.3486
0.3807 0.4489 0.5585 0.5830 0.6086
0.6340 0.6744 0.7236 0.7490 0.7685
0.7809 0.7966 0.8079 0.8192 0.8333
0.8600 0.9096 0.9339 0.9419 0.9578
0.9645 0.9704 0.9766 0.9893 1.0000

Transect C51

Area:

0.0002 0.0009 0.0024 0.0064 0.0113
0.0164 0.0216 0.0271 0.0327 0.0385
0.0445 0.0509 0.0574 0.0641 0.0710
0.0785 0.0886 0.1016 0.1160 0.1315
0.1483 0.1712 0.1949 0.2190 0.2437
0.2691 0.2947 0.3205 0.3465 0.3731
0.4004 0.4280 0.4559 0.4843 0.5140
0.5446 0.5753 0.6062 0.6372 0.6684
0.6998 0.7319 0.7642 0.7968 0.8295
0.8626 0.8962 0.9302 0.9647 1.0000

Hrad:

0.0177 0.0381 0.0315 0.0477 0.0800
0.1117 0.1428 0.1732 0.2034 0.2330
0.2531 0.2798 0.3068 0.3337 0.3585
0.3799 0.3863 0.3777 0.3257 0.3416
0.2852 0.2661 0.2981 0.3295 0.3548
0.3737 0.4061 0.4392 0.4700 0.4868
0.5164 0.5476 0.5781 0.5895 0.5997
0.6299 0.6621 0.6944 0.7267 0.7564
0.7838 0.8039 0.8352 0.8661 0.8929
0.9175 0.9415 0.9625 0.9819 1.0000

Width:

0.0121 0.0223 0.0799 0.1340 0.1408
0.1464 0.1516 0.1564 0.1609 0.1652
0.1759 0.1817 0.1870 0.1921 0.1980
0.2450 0.3362 0.3908 0.4245 0.4475
0.5590 0.6658 0.6744 0.6849 0.7115
0.7200 0.7256 0.7297 0.7372 0.7664
0.7754 0.7816 0.7885 0.8215 0.8571
0.8645 0.8689 0.8729 0.8767 0.8836
0.8928 0.9104 0.9150 0.9199 0.9290
0.9402 0.9518 0.9664 0.9825 1.0000

Transect C52

Area:

0.0005	0.0017	0.0033	0.0053	0.0078
0.0107	0.0144	0.0195	0.0257	0.0332
0.0414	0.0505	0.0603	0.0708	0.0827
0.0959	0.1105	0.1264	0.1436	0.1619
0.1815	0.2022	0.2244	0.2479	0.2726
0.2982	0.3247	0.3515	0.3785	0.4056
0.4330	0.4608	0.4888	0.5172	0.5458
0.5748	0.6040	0.6335	0.6630	0.6928
0.7228	0.7530	0.7835	0.8142	0.8449
0.8757	0.9066	0.9376	0.9687	1.0000

Hrad:

0.0159	0.0377	0.0595	0.0787	0.0969
0.1132	0.1204	0.1340	0.1468	0.1600
0.1766	0.1814	0.2023	0.2221	0.2303
0.2493	0.2685	0.2860	0.3026	0.3197
0.3349	0.3515	0.3665	0.3600	0.3650
0.3781	0.3971	0.4103	0.4412	0.4719
0.5022	0.5322	0.5619	0.5912	0.6190
0.6467	0.6668	0.6761	0.7068	0.7372
0.7674	0.7973	0.8268	0.8564	0.8860
0.9155	0.9451	0.9745	1.0012	1.0000

Width:

0.0294	0.0460	0.0574	0.0708	0.0849
0.1021	0.1448	0.1754	0.2249	0.2503
0.2735	0.3029	0.3223	0.3504	0.4003
0.4429	0.4826	0.5294	0.5664	0.6012
0.6418	0.6791	0.7290	0.7655	0.8034
0.8268	0.8472	0.8574	0.8601	0.8670
0.8810	0.8856	0.8963	0.9060	0.9161
0.9262	0.9334	0.9373	0.9433	0.9508
0.9567	0.9680	0.9732	0.9757	0.9783
0.9809	0.9835	0.9868	0.9930	1.0000

Transect C53

Area:

0.0005	0.0019	0.0039	0.0065	0.0103
0.0144	0.0187	0.0231	0.0277	0.0325
0.0373	0.0426	0.0488	0.0558	0.0639
0.0732	0.0852	0.0993	0.1151	0.1332
0.1532	0.1750	0.1982	0.2228	0.2487
0.2755	0.3027	0.3306	0.3591	0.3884
0.4182	0.4481	0.4780	0.5081	0.5382
0.5683	0.5986	0.6289	0.6593	0.6898
0.7203	0.7510	0.7817	0.8126	0.8437
0.8749	0.9062	0.9374	0.9687	1.0000

Hrad:

0.0204	0.0316	0.0564	0.0738	0.0866
0.1125	0.1382	0.1635	0.1891	0.2151
0.2406	0.2633	0.2800	0.2938	0.3033
0.3053	0.2874	0.2868	0.2935	0.3020
0.3125	0.3234	0.3301	0.3384	0.3296
0.3528	0.3792	0.4052	0.4308	0.4558
0.4709	0.4990	0.5272	0.5557	0.5842
0.6129	0.6416	0.6703	0.6991	0.7279
0.7562	0.7840	0.8109	0.8376	0.8642

0.8778 0.9084 0.9389 0.9695 1.0000

Width:

0.0250 0.0595 0.0693 0.1013 0.1291
0.1342 0.1394 0.1447 0.1494 0.1534
0.1574 0.1808 0.2120 0.2378 0.2721
0.3357 0.4262 0.4745 0.5471 0.6030
0.6717 0.7202 0.7593 0.8087 0.8467
0.8617 0.8821 0.8985 0.9223 0.9469
0.9527 0.9553 0.9579 0.9602 0.9625
0.9648 0.9671 0.9694 0.9717 0.9741
0.9769 0.9801 0.9849 0.9899 0.9949
0.9971 0.9978 0.9986 0.9993 1.0000

Transect C55

Area:

0.0001 0.0004 0.0009 0.0014 0.0020
0.0032 0.0057 0.0091 0.0147 0.0209
0.0274 0.0341 0.0411 0.0486 0.0584
0.0695 0.0830 0.0980 0.1139 0.1308
0.1487 0.1688 0.1942 0.2198 0.2455
0.2714 0.2979 0.3246 0.3515 0.3786
0.4060 0.4336 0.4616 0.4904 0.5196
0.5491 0.5790 0.6091 0.6394 0.6701
0.7013 0.7331 0.7651 0.7974 0.8300
0.8631 0.8966 0.9305 0.9650 1.0000

Hrad:

0.0176 0.0395 0.0650 0.0882 0.1099
0.1024 0.0921 0.0881 0.0845 0.1156
0.1463 0.1761 0.2045 0.2297 0.2446
0.2588 0.2291 0.2484 0.2669 0.2864
0.2859 0.2346 0.2682 0.3017 0.3351
0.3639 0.3944 0.4264 0.4588 0.4892
0.5201 0.5488 0.5689 0.5965 0.6224
0.6513 0.6798 0.7093 0.7401 0.7612
0.7808 0.8086 0.8387 0.8654 0.8895
0.9133 0.9370 0.9606 0.9755 1.0000

Width:

0.0065 0.0112 0.0134 0.0157 0.0179
0.0542 0.0825 0.1196 0.1736 0.1809
0.1872 0.1936 0.2006 0.2503 0.2949
0.3539 0.4157 0.4388 0.4674 0.4927
0.5199 0.7194 0.7240 0.7284 0.7324
0.7457 0.7552 0.7611 0.7660 0.7738
0.7805 0.7900 0.8114 0.8221 0.8348
0.8432 0.8516 0.8587 0.8640 0.8802
0.8981 0.9066 0.9122 0.9213 0.9331
0.9450 0.9568 0.9686 0.9892 1.0000

Transect C57

Area:

0.0003 0.0007 0.0012 0.0018 0.0025
0.0033 0.0046 0.0060 0.0076 0.0097
0.0127 0.0159 0.0196 0.0243 0.0307
0.0392 0.0492 0.0622 0.0772 0.0934
0.1106 0.1290 0.1484 0.1689 0.1906
0.2133 0.2365 0.2604 0.2849 0.3105
0.3371 0.3647 0.3933 0.4240 0.4565

0.4902 0.5247 0.5596 0.5949 0.6306
0.6665 0.7027 0.7392 0.7758 0.8126
0.8496 0.8868 0.9243 0.9620 1.0000

Hrad:

0.0300 0.0586 0.0840 0.1076 0.1302
0.1268 0.1324 0.1506 0.1690 0.1824
0.1951 0.2122 0.2292 0.2370 0.1802
0.2017 0.2138 0.2177 0.2343 0.2556
0.2765 0.3020 0.3270 0.3522 0.3770
0.3937 0.4221 0.4504 0.4639 0.4938
0.5226 0.5397 0.5695 0.5862 0.6065
0.6133 0.5880 0.6199 0.6516 0.6719
0.7059 0.7397 0.7734 0.8065 0.8405
0.8745 0.9075 0.9388 0.9695 1.0000

Width:

0.0099 0.0123 0.0147 0.0171 0.0195
0.0264 0.0344 0.0397 0.0449 0.0740
0.0812 0.0891 0.1060 0.1402 0.1973
0.2388 0.2993 0.3669 0.4113 0.4377
0.4701 0.4951 0.5215 0.5547 0.5830
0.6018 0.6172 0.6327 0.6554 0.6854
0.7098 0.7345 0.7714 0.8352 0.8669
0.8980 0.9088 0.9182 0.9296 0.9402
0.9457 0.9512 0.9567 0.9626 0.9674
0.9719 0.9774 0.9846 0.9923 1.0000

Transect C58

Area:

0.0001 0.0006 0.0017 0.0034 0.0055
0.0078 0.0104 0.0133 0.0164 0.0198
0.0244 0.0324 0.0440 0.0578 0.0723
0.0879 0.1047 0.1226 0.1420 0.1621
0.1826 0.2033 0.2242 0.2457 0.2676
0.2900 0.3127 0.3361 0.3603 0.3849
0.4102 0.4359 0.4622 0.4890 0.5165
0.5447 0.5731 0.6017 0.6305 0.6596
0.6892 0.7202 0.7524 0.7855 0.8193
0.8540 0.8897 0.9257 0.9622 1.0000

Hrad:

0.0193 0.0371 0.0518 0.0729 0.0955
0.1219 0.1480 0.1724 0.1932 0.2145
0.2230 0.1972 0.2025 0.2140 0.2339
0.2431 0.2685 0.2898 0.3061 0.3351
0.3647 0.3961 0.4276 0.4587 0.4899
0.5208 0.5513 0.5799 0.6078 0.6332
0.6585 0.6845 0.7090 0.7332 0.7532
0.7771 0.8110 0.8448 0.8781 0.9098
0.9400 0.9519 0.9783 1.0049 1.0300
1.0347 0.9537 0.9868 1.0185 1.0000

Width:

0.0076 0.0198 0.0384 0.0486 0.0581
0.0649 0.0710 0.0773 0.0850 0.0926
0.1530 0.2751 0.3337 0.3695 0.3893
0.4281 0.4461 0.4883 0.5181 0.5273
0.5363 0.5419 0.5500 0.5659 0.5763
0.5867 0.5997 0.6200 0.6362 0.6490
0.6631 0.6762 0.6917 0.7075 0.7262

0.7370 0.7420 0.7469 0.7522 0.7625
0.7817 0.8275 0.8513 0.8697 0.8898
0.9269 0.9330 0.9434 0.9634 1.0000

Transect C6
Area:
0.0003 0.0009 0.0022 0.0044 0.0081
0.0131 0.0206 0.0316 0.0458 0.0626
0.0806 0.0997 0.1198 0.1407 0.1621
0.1840 0.2064 0.2291 0.2521 0.2752
0.2984 0.3217 0.3450 0.3685 0.3920
0.4156 0.4393 0.4630 0.4869 0.5108
0.5347 0.5587 0.5827 0.6069 0.6310
0.6552 0.6795 0.7038 0.7281 0.7526
0.7770 0.8016 0.8262 0.8508 0.8755
0.9003 0.9251 0.9500 0.9749 1.0000
Hrad:
0.0170 0.0296 0.0366 0.0408 0.0538
0.0665 0.0724 0.0748 0.0840 0.1002
0.1139 0.1342 0.1541 0.1764 0.1985
0.2187 0.2408 0.2621 0.2751 0.2992
0.3233 0.3473 0.3712 0.3952 0.4190
0.4427 0.4664 0.4903 0.5144 0.5385
0.5625 0.5865 0.6104 0.6343 0.6582
0.6820 0.7058 0.7295 0.7531 0.7765
0.7999 0.8233 0.8467 0.8700 0.8933
0.9165 0.9397 0.9629 0.9838 1.0000
Width:
0.0169 0.0334 0.0682 0.1170 0.1735
0.2323 0.3612 0.5025 0.6311 0.6923
0.7338 0.7777 0.8124 0.8389 0.8583
0.8805 0.8926 0.9093 0.9141 0.9174
0.9207 0.9239 0.9272 0.9302 0.9337
0.9373 0.9410 0.9438 0.9460 0.9481
0.9502 0.9523 0.9544 0.9565 0.9585
0.9606 0.9626 0.9646 0.9669 0.9692
0.9715 0.9738 0.9759 0.9781 0.9803
0.9825 0.9847 0.9869 0.9912 1.0000

Transect C60
Area:
0.0001 0.0005 0.0012 0.0020 0.0031
0.0042 0.0054 0.0067 0.0081 0.0096
0.0111 0.0127 0.0145 0.0163 0.0183
0.0211 0.0258 0.0322 0.0397 0.0478
0.0568 0.0670 0.0784 0.0915 0.1060
0.1221 0.1403 0.1610 0.1849 0.2106
0.2385 0.2675 0.2973 0.3274 0.3579
0.3896 0.4222 0.4555 0.4904 0.5287
0.5688 0.6115 0.6557 0.7018 0.7496
0.7986 0.8480 0.8978 0.9482 1.0000
Hrad:
0.0263 0.0526 0.0789 0.1103 0.1498
0.1889 0.2267 0.2631 0.2982 0.3324
0.3657 0.3982 0.4271 0.4550 0.4814
0.4848 0.4578 0.4193 0.4050 0.4036
0.4159 0.4307 0.4451 0.4528 0.4617

0.4670 0.4771 0.4689 0.4164 0.4381
0.4509 0.4815 0.5263 0.5739 0.6179
0.6551 0.6839 0.7328 0.7787 0.8187
0.8563 0.8892 0.9223 0.8768 0.8948
0.8804 0.9262 0.9689 1.0108 1.0000

Width:

0.0049 0.0098 0.0147 0.0186 0.0205
0.0222 0.0239 0.0255 0.0271 0.0288
0.0304 0.0320 0.0339 0.0359 0.0421
0.0745 0.0995 0.1394 0.1462 0.1637
0.1827 0.2012 0.2315 0.2652 0.2890
0.3226 0.3663 0.4292 0.4700 0.5120
0.5389 0.5648 0.5703 0.5760 0.5880
0.6163 0.6246 0.6424 0.7020 0.7476
0.7918 0.8276 0.8564 0.8891 0.9234
0.9376 0.9448 0.9543 0.9672 1.0000

Transect C62

Area:

0.0002 0.0009 0.0021 0.0039 0.0061
0.0087 0.0115 0.0153 0.0199 0.0247
0.0295 0.0345 0.0396 0.0448 0.0501
0.0555 0.0610 0.0668 0.0733 0.0807
0.0886 0.0974 0.1073 0.1182 0.1302
0.1434 0.1575 0.1721 0.1880 0.2058
0.2274 0.2534 0.2832 0.3153 0.3487
0.3830 0.4186 0.4603 0.5027 0.5453
0.5882 0.6314 0.6750 0.7191 0.7639
0.8096 0.8561 0.9032 0.9510 1.0000

Hrad:

0.0248 0.0495 0.0736 0.0925 0.1266
0.1630 0.1926 0.2080 0.2102 0.2541
0.2972 0.3394 0.3808 0.4218 0.4640
0.5007 0.5326 0.5640 0.5085 0.5224
0.5406 0.5506 0.5597 0.5630 0.5648
0.5650 0.5915 0.6208 0.6458 0.6640
0.6497 0.4798 0.5052 0.4861 0.5220
0.5527 0.5834 0.5408 0.5873 0.6329
0.6781 0.7228 0.7655 0.8044 0.8398
0.8754 0.9139 0.9532 0.9901 1.0000

Width:

0.0092 0.0184 0.0279 0.0411 0.0476
0.0520 0.0647 0.0886 0.0929 0.0951
0.0973 0.0995 0.1017 0.1039 0.1055
0.1083 0.1120 0.1157 0.1410 0.1512
0.1619 0.1860 0.2061 0.2265 0.2477
0.2709 0.2831 0.3028 0.3260 0.3909
0.4739 0.5457 0.6230 0.6485 0.6713
0.6923 0.7136 0.8373 0.8418 0.8471
0.8527 0.8587 0.8666 0.8793 0.8967
0.9141 0.9273 0.9388 0.9527 1.0000

Transect C64

Area:

0.0009 0.0021 0.0036 0.0056 0.0090
0.0137 0.0201 0.0278 0.0359 0.0442
0.0527 0.0615 0.0706 0.0799 0.0894

0.0992 0.1094 0.1217 0.1363 0.1522
0.1695 0.1879 0.2070 0.2266 0.2468
0.2679 0.2903 0.3136 0.3375 0.3616
0.3859 0.4105 0.4354 0.4614 0.4886
0.5180 0.5482 0.5792 0.6105 0.6423
0.6746 0.7076 0.7417 0.7763 0.8114
0.8476 0.8850 0.9230 0.9613 1.0000

Hrad:

0.0300 0.0579 0.0828 0.0869 0.1009
0.1148 0.1102 0.1335 0.1669 0.1994
0.2310 0.2601 0.2910 0.3222 0.3513
0.3799 0.4001 0.4093 0.4164 0.4305
0.4458 0.4601 0.4761 0.4975 0.5178
0.5381 0.5210 0.5445 0.5319 0.5654
0.5984 0.6311 0.6615 0.6914 0.6794
0.7099 0.7399 0.7694 0.7969 0.8228
0.8469 0.8680 0.8946 0.9219 0.9476
0.8926 0.9037 0.9376 0.9706 1.0000

Width:

0.0280 0.0352 0.0424 0.0736 0.1004
0.1416 0.1873 0.2029 0.2091 0.2155
0.2219 0.2300 0.2359 0.2412 0.2476
0.2540 0.2781 0.3542 0.3894 0.4237
0.4615 0.4817 0.4967 0.5096 0.5319
0.5478 0.5916 0.6052 0.6166 0.6214
0.6266 0.6318 0.6512 0.6822 0.7322
0.7656 0.7885 0.7989 0.8095 0.8222
0.8367 0.8567 0.8824 0.8942 0.9125
0.9419 0.9705 0.9778 0.9868 1.0000

Transect C65

Area:

0.0004 0.0011 0.0019 0.0028 0.0039
0.0050 0.0063 0.0078 0.0096 0.0116
0.0140 0.0168 0.0201 0.0238 0.0282
0.0327 0.0377 0.0438 0.0510 0.0588
0.0673 0.0767 0.0957 0.1229 0.1514
0.1810 0.2116 0.2427 0.2741 0.3062
0.3391 0.3722 0.4054 0.4388 0.4723
0.5059 0.5397 0.5737 0.6080 0.6424
0.6771 0.7120 0.7470 0.7823 0.8177
0.8533 0.8891 0.9254 0.9623 1.0000

Hrad:

0.0263 0.0561 0.0832 0.1082 0.1324
0.1571 0.1819 0.2039 0.2201 0.2376
0.2535 0.2649 0.2657 0.2421 0.2674
0.2915 0.3139 0.3275 0.3373 0.3478
0.3595 0.3617 0.3156 0.2934 0.2044
0.2387 0.2657 0.3023 0.3374 0.3680
0.4031 0.4400 0.4764 0.5128 0.5490
0.5848 0.6203 0.6547 0.6884 0.7230
0.7574 0.7918 0.8261 0.8603 0.8936
0.9265 0.9576 0.9818 1.0051 1.0000

Width:

0.0153 0.0191 0.0225 0.0259 0.0292
0.0321 0.0348 0.0422 0.0506 0.0564
0.0697 0.0790 0.0911 0.1060 0.1161

0.1223 0.1405 0.1775 0.1955 0.2112
0.2312 0.2903 0.6858 0.7287 0.7564
0.7847 0.8055 0.8119 0.8233 0.8515
0.8615 0.8635 0.8669 0.8703 0.8738
0.8780 0.8824 0.8886 0.8957 0.9006
0.9056 0.9103 0.9150 0.9196 0.9250
0.9306 0.9378 0.9531 0.9691 1.0000

Transect C66
Area:
0.0004 0.0016 0.0038 0.0069 0.0106
0.0146 0.0188 0.0233 0.0281 0.0334
0.0395 0.0461 0.0532 0.0621 0.0722
0.0826 0.0934 0.1047 0.1165 0.1285
0.1408 0.1534 0.1664 0.1802 0.1944
0.2092 0.2251 0.2415 0.2582 0.2754
0.2932 0.3126 0.3340 0.3568 0.3825
0.4137 0.4493 0.4866 0.5249 0.5639
0.6037 0.6441 0.6854 0.7280 0.7716
0.8159 0.8610 0.9064 0.9524 1.0000
Hrad:
0.0219 0.0497 0.0583 0.0872 0.1206
0.1555 0.1902 0.2210 0.2427 0.2561
0.2717 0.2993 0.3220 0.3183 0.3081
0.3414 0.3685 0.3973 0.4298 0.4628
0.4960 0.5259 0.5361 0.5638 0.5884
0.5991 0.6082 0.6388 0.6689 0.6969
0.6875 0.7077 0.7303 0.7540 0.7667
0.6778 0.6032 0.6093 0.6432 0.6782
0.7131 0.7448 0.7738 0.8051 0.8386
0.8723 0.9076 0.9426 0.9768 1.0000
Width:
0.0180 0.0283 0.0581 0.0714 0.0790
0.0843 0.0888 0.0946 0.1040 0.1172
0.1307 0.1384 0.1605 0.1996 0.2103
0.2172 0.2277 0.2368 0.2433 0.2493
0.2549 0.2619 0.2787 0.2870 0.2967
0.3136 0.3324 0.3395 0.3467 0.3548
0.3830 0.4178 0.4543 0.4848 0.5789
0.6996 0.7506 0.7767 0.7938 0.8078
0.8207 0.8364 0.8582 0.8864 0.9012
0.9195 0.9273 0.9347 0.9589 1.0000

Transect C67
Area:
0.0004 0.0012 0.0023 0.0038 0.0057
0.0079 0.0114 0.0161 0.0222 0.0307
0.0404 0.0525 0.0672 0.0836 0.1012
0.1197 0.1393 0.1607 0.1832 0.2062
0.2294 0.2529 0.2765 0.3002 0.3241
0.3479 0.3719 0.3960 0.4203 0.4450
0.4699 0.4950 0.5202 0.5455 0.5711
0.5969 0.6227 0.6489 0.6760 0.7034
0.7310 0.7589 0.7871 0.8156 0.8446
0.8743 0.9047 0.9360 0.9679 1.0000
Hrad:
0.0184 0.0394 0.0577 0.0748 0.0924

0.1062 0.0983 0.1028 0.1198 0.1177
0.1423 0.1590 0.1471 0.1648 0.1881
0.2070 0.2238 0.2329 0.2591 0.2891
0.3180 0.3474 0.3784 0.4092 0.4402
0.4712 0.5016 0.5303 0.5553 0.5807
0.6091 0.6380 0.6667 0.6945 0.7199
0.7485 0.7794 0.8098 0.8387 0.8673
0.8952 0.9227 0.9501 0.9747 0.9984
1.0219 1.0197 1.0370 1.0602 1.0000

Width:

0.0204 0.0304 0.0407 0.0513 0.0612
0.0911 0.1229 0.1572 0.2262 0.2842
0.3242 0.4222 0.4856 0.5264 0.5568
0.5872 0.6273 0.6906 0.7077 0.7139
0.7222 0.7287 0.7316 0.7345 0.7368
0.7392 0.7421 0.7474 0.7577 0.7671
0.7723 0.7767 0.7810 0.7863 0.7941
0.7982 0.7998 0.8213 0.8432 0.8497
0.8585 0.8671 0.8734 0.8894 0.9033
0.9314 0.9474 0.9789 0.9877 1.0000

Transect C68

Area:

0.0012 0.0031 0.0055 0.0083 0.0115
0.0149 0.0187 0.0226 0.0268 0.0314
0.0364 0.0420 0.0484 0.0556 0.0632
0.0714 0.0802 0.0896 0.0997 0.1111
0.1256 0.1409 0.1568 0.1732 0.1901
0.2076 0.2264 0.2461 0.2667 0.2882
0.3106 0.3341 0.3589 0.3848 0.4122
0.4420 0.4729 0.5048 0.5376 0.5718
0.6072 0.6458 0.6886 0.7320 0.7756
0.8195 0.8637 0.9085 0.9539 1.0000

Hrad:

0.0349 0.0657 0.0959 0.1275 0.1601
0.1925 0.2257 0.2582 0.2819 0.3040
0.3198 0.3282 0.3261 0.3490 0.3662
0.3929 0.4093 0.4245 0.4409 0.4412
0.3855 0.4175 0.4497 0.4828 0.5174
0.5492 0.5781 0.6069 0.6331 0.6579
0.6837 0.7053 0.7260 0.7449 0.7401
0.6709 0.6961 0.7264 0.7614 0.7943
0.8244 0.8454 0.7367 0.7800 0.8219
0.8620 0.9020 0.9321 0.9674 1.0000

Width:

0.0336 0.0462 0.0565 0.0647 0.0712
0.0770 0.0820 0.0869 0.0944 0.1026
0.1130 0.1271 0.1474 0.1580 0.1713
0.1804 0.1943 0.2094 0.2244 0.2767
0.3233 0.3350 0.3461 0.3561 0.3646
0.3924 0.4126 0.4303 0.4509 0.4709
0.4904 0.5176 0.5437 0.5683 0.6090
0.6538 0.6743 0.6898 0.7154 0.7461
0.7819 0.8720 0.9278 0.9314 0.9366
0.9436 0.9504 0.9675 0.9787 1.0000

Transect C69

Area:

0.0008	0.0026	0.0060	0.0105	0.0155
0.0210	0.0270	0.0334	0.0402	0.0476
0.0555	0.0640	0.0732	0.0830	0.0934
0.1044	0.1161	0.1289	0.1425	0.1568
0.1719	0.1882	0.2048	0.2217	0.2390
0.2566	0.2745	0.2926	0.3111	0.3298
0.3488	0.3682	0.3880	0.4086	0.4329
0.4622	0.4950	0.5299	0.5672	0.6048
0.6426	0.6808	0.7194	0.7582	0.7974
0.8371	0.8771	0.9174	0.9581	1.0000

Hrad:

0.0239	0.0529	0.0728	0.1023	0.1330
0.1630	0.1936	0.2232	0.2507	0.2759
0.2978	0.3213	0.3383	0.3595	0.3812
0.4010	0.4125	0.4227	0.4424	0.4622
0.4809	0.4962	0.5297	0.5616	0.5944
0.6269	0.6598	0.6923	0.7254	0.7579
0.7881	0.8152	0.8410	0.8636	0.8209
0.6523	0.6817	0.7046	0.6651	0.7049
0.7443	0.7836	0.8227	0.8615	0.8999
0.9380	0.9760	1.0137	1.0498	1.0000

Width:

0.0330	0.0576	0.0951	0.1096	0.1218
0.1332	0.1431	0.1530	0.1639	0.1761
0.1905	0.2034	0.2202	0.2338	0.2473
0.2622	0.2826	0.3057	0.3228	0.3401
0.3584	0.3801	0.3874	0.3956	0.4029
0.4101	0.4168	0.4236	0.4297	0.4360
0.4435	0.4526	0.4623	0.5102	0.6023
0.7136	0.7876	0.8521	0.8650	0.8723
0.8798	0.8869	0.8939	0.9026	0.9125
0.9212	0.9289	0.9365	0.9467	1.0000

Transect C7

Area:

0.0001	0.0005	0.0011	0.0018	0.0025
0.0033	0.0042	0.0051	0.0061	0.0072
0.0083	0.0096	0.0108	0.0122	0.0136
0.0151	0.0170	0.0196	0.0229	0.0266
0.0304	0.0349	0.0406	0.0487	0.0589
0.0697	0.0814	0.0950	0.1114	0.1321
0.1575	0.1875	0.2195	0.2535	0.2896
0.3276	0.3677	0.4093	0.4522	0.4974
0.5440	0.5913	0.6396	0.6891	0.7392
0.7902	0.8420	0.8940	0.9465	1.0000

Hrad:

0.0270	0.0541	0.0935	0.1356	0.1750
0.2123	0.2481	0.2825	0.3160	0.3486
0.3806	0.4119	0.4429	0.4734	0.5035
0.5273	0.5376	0.5315	0.5217	0.5221
0.5301	0.5362	0.5311	0.5054	0.4828
0.4803	0.4855	0.4839	0.4044	0.4269
0.4408	0.4561	0.4778	0.4979	0.5177
0.4794	0.5057	0.5355	0.5805	0.5968
0.6466	0.6958	0.7081	0.7489	0.7939
0.8296	0.8791	0.9283	0.9770	1.0000

Width:

0.0047	0.0093	0.0117	0.0129	0.0142
0.0155	0.0167	0.0180	0.0193	0.0205
0.0218	0.0231	0.0243	0.0256	0.0269
0.0285	0.0417	0.0548	0.0651	0.0695
0.0738	0.0941	0.1178	0.1766	0.1935
0.2054	0.2318	0.2743	0.3374	0.4262
0.5219	0.5726	0.6038	0.6506	0.6806
0.7214	0.7539	0.7799	0.8176	0.8555
0.8660	0.8802	0.9031	0.9201	0.9311
0.9525	0.9578	0.9630	0.9786	1.0000

Transect C70

Area:

0.0002	0.0009	0.0019	0.0033	0.0053
0.0076	0.0102	0.0131	0.0170	0.0242
0.0333	0.0452	0.0588	0.0747	0.0928
0.1125	0.1326	0.1532	0.1740	0.1949
0.2160	0.2379	0.2604	0.2832	0.3061
0.3292	0.3524	0.3759	0.3995	0.4233
0.4472	0.4713	0.4956	0.5201	0.5447
0.5696	0.5949	0.6204	0.6460	0.6719
0.6979	0.7255	0.7559	0.7876	0.8203
0.8540	0.8884	0.9238	0.9612	1.0000

Hrad:

0.0208	0.0427	0.0644	0.0784	0.0987
0.1228	0.1504	0.1768	0.1737	0.1373
0.1584	0.1570	0.1728	0.1782	0.2102
0.2342	0.2692	0.2997	0.3380	0.3761
0.4127	0.4295	0.4654	0.5017	0.5381
0.5746	0.6100	0.6436	0.6805	0.7172
0.7520	0.7861	0.8193	0.8544	0.8885
0.9152	0.9447	0.9783	1.0107	1.0436
1.0761	1.0734	1.0932	1.1140	1.1360
1.1496	1.1681	1.1885	1.2015	1.0000

Width:

0.0112	0.0206	0.0294	0.0424	0.0536
0.0622	0.0684	0.0745	0.1556	0.2011
0.2558	0.3188	0.3576	0.4254	0.4758
0.4936	0.5051	0.5136	0.5169	0.5203
0.5252	0.5559	0.5614	0.5661	0.5704
0.5742	0.5789	0.5852	0.5881	0.5911
0.5954	0.6002	0.6054	0.6091	0.6133
0.6225	0.6297	0.6340	0.6389	0.6434
0.6511	0.7130	0.7785	0.7958	0.8217
0.8454	0.8607	0.9010	0.9397	1.0000

Transect C71

Area:

0.0002	0.0008	0.0016	0.0028	0.0045
0.0066	0.0089	0.0117	0.0162	0.0232
0.0322	0.0446	0.0590	0.0747	0.0916
0.1112	0.1315	0.1519	0.1724	0.1932
0.2148	0.2370	0.2596	0.2823	0.3052
0.3283	0.3515	0.3749	0.3985	0.4223
0.4462	0.4703	0.4948	0.5194	0.5443
0.5693	0.5946	0.6201	0.6457	0.6716

0.6979 0.7262 0.7569 0.7885 0.8216
0.8554 0.8897 0.9246 0.9616 1.0000

Hrad:

0.0195 0.0410 0.0529 0.0660 0.0833
0.1041 0.1165 0.1392 0.1385 0.1122
0.1133 0.1307 0.1350 0.1660 0.1936
0.1901 0.2237 0.2567 0.2893 0.3205
0.3412 0.3651 0.3960 0.4275 0.4588
0.4898 0.5197 0.5501 0.5807 0.6114
0.6416 0.6696 0.6937 0.7230 0.7519
0.7800 0.8072 0.8355 0.8640 0.8921
0.9020 0.9206 0.9409 0.9556 0.9694
0.9881 1.0080 1.0223 1.0366 1.0000

Width:

0.0105 0.0163 0.0257 0.0373 0.0472
0.0548 0.0666 0.0759 0.1543 0.1917
0.2687 0.3334 0.3881 0.4010 0.4618
0.5084 0.5109 0.5141 0.5177 0.5321
0.5466 0.5635 0.5689 0.5730 0.5771
0.5812 0.5865 0.5908 0.5948 0.5985
0.6024 0.6083 0.6176 0.6220 0.6266
0.6317 0.6374 0.6420 0.6464 0.6510
0.6907 0.7359 0.7878 0.8039 0.8433
0.8552 0.8641 0.9016 0.9449 1.0000

Transect C73

Area:

0.0000 0.0001 0.0003 0.0005 0.0008
0.0011 0.0016 0.0020 0.0026 0.0046
0.0093 0.0170 0.0265 0.0377 0.0498
0.0633 0.0779 0.0930 0.1095 0.1275
0.1467 0.1680 0.1914 0.2165 0.2426
0.2691 0.2966 0.3245 0.3528 0.3813
0.4099 0.4387 0.4676 0.4969 0.5264
0.5562 0.5862 0.6162 0.6464 0.6769
0.7081 0.7395 0.7713 0.8035 0.8360
0.8686 0.9013 0.9341 0.9670 1.0000

Hrad:

0.0166 0.0332 0.0498 0.0664 0.0830
0.0995 0.1182 0.1451 0.1579 0.1230
0.0916 0.0922 0.1072 0.1248 0.1502
0.1677 0.1816 0.2073 0.2343 0.2594
0.2839 0.3057 0.3182 0.3372 0.3513
0.3760 0.3943 0.4209 0.4131 0.4439
0.4752 0.5071 0.5388 0.5699 0.5889
0.6194 0.6505 0.6819 0.7098 0.7399
0.7523 0.7822 0.8125 0.8429 0.8537
0.8852 0.9167 0.9472 0.9767 1.0000

Width:

0.0019 0.0038 0.0057 0.0076 0.0095
0.0114 0.0131 0.0137 0.0324 0.0899
0.1997 0.2582 0.3194 0.3485 0.3828
0.4278 0.4438 0.4641 0.5205 0.5590
0.6000 0.6810 0.7221 0.7759 0.7920
0.8063 0.8340 0.8456 0.8540 0.8589
0.8626 0.8650 0.8753 0.8833 0.8939
0.8980 0.9010 0.9037 0.9106 0.9292

0.9414 0.9454 0.9631 0.9730 0.9793
0.9812 0.9832 0.9862 0.9900 1.0000

Transect C74
Area:
0.0002 0.0008 0.0016 0.0025 0.0036
0.0048 0.0063 0.0078 0.0094 0.0112
0.0130 0.0150 0.0171 0.0193 0.0227
0.0281 0.0364 0.0463 0.0585 0.0731
0.0888 0.1056 0.1236 0.1427 0.1635
0.1860 0.2101 0.2362 0.2634 0.2930
0.3236 0.3549 0.3867 0.4197 0.4533
0.4874 0.5221 0.5570 0.5921 0.6273
0.6628 0.6985 0.7347 0.7712 0.8084
0.8460 0.8837 0.9218 0.9606 1.0000
Hrad:
0.0199 0.0489 0.0749 0.0997 0.1225
0.1421 0.1668 0.1938 0.2199 0.2452
0.2700 0.2941 0.3178 0.3203 0.2217
0.1539 0.1716 0.1711 0.1670 0.1912
0.2177 0.2404 0.2654 0.2856 0.2992
0.3137 0.3418 0.3519 0.3769 0.3851
0.4139 0.4484 0.4709 0.4996 0.5329
0.5603 0.5954 0.6317 0.6681 0.7042
0.7383 0.7699 0.8022 0.8286 0.8553
0.8902 0.9257 0.9488 0.9704 1.0000
Width:
0.0123 0.0171 0.0213 0.0252 0.0292
0.0340 0.0375 0.0401 0.0428 0.0454
0.0481 0.0507 0.0534 0.0599 0.1025
0.1918 0.2278 0.2715 0.3518 0.3838
0.4095 0.4411 0.4676 0.5020 0.5491
0.5959 0.6176 0.6745 0.7024 0.7644
0.7855 0.7949 0.8245 0.8433 0.8537
0.8726 0.8795 0.8840 0.8883 0.8927
0.8993 0.9088 0.9171 0.9318 0.9461
0.9510 0.9551 0.9719 0.9901 1.0000

Transect C75
Area:
0.0001 0.0003 0.0006 0.0010 0.0016
0.0022 0.0029 0.0037 0.0046 0.0055
0.0065 0.0076 0.0096 0.0140 0.0209
0.0293 0.0385 0.0502 0.0634 0.0774
0.0920 0.1073 0.1239 0.1431 0.1641
0.1872 0.2120 0.2388 0.2671 0.2979
0.3304 0.3634 0.3967 0.4302 0.4639
0.4980 0.5326 0.5677 0.6030 0.6384
0.6740 0.7097 0.7455 0.7814 0.8175
0.8537 0.8901 0.9265 0.9631 1.0000
Hrad:
0.0184 0.0368 0.0552 0.0736 0.0964
0.1221 0.1466 0.1673 0.1862 0.2051
0.2238 0.2270 0.1747 0.1463 0.0970
0.1225 0.1464 0.1476 0.1723 0.2019
0.2295 0.2542 0.2751 0.2878 0.2832
0.2893 0.3090 0.3239 0.3378 0.3487

0.3743 0.4089 0.4426 0.4769 0.5098
0.5397 0.5692 0.6000 0.6341 0.6688
0.7035 0.7381 0.7726 0.8069 0.8404
0.8740 0.9077 0.9423 0.9766 1.0000

Width:

0.0035 0.0069 0.0104 0.0138 0.0164
0.0181 0.0197 0.0218 0.0241 0.0264
0.0286 0.0332 0.0909 0.1447 0.2160
0.2398 0.2726 0.3416 0.3693 0.3846
0.4024 0.4239 0.4814 0.5529 0.5837
0.6500 0.6927 0.7405 0.7945 0.8584
0.8869 0.8926 0.8998 0.9054 0.9131
0.9260 0.9387 0.9489 0.9535 0.9569
0.9602 0.9634 0.9665 0.9698 0.9739
0.9777 0.9812 0.9837 0.9894 1.0000

Transect C76

Area:

0.0001 0.0003 0.0006 0.0011 0.0017
0.0025 0.0033 0.0044 0.0055 0.0068
0.0083 0.0098 0.0113 0.0130 0.0146
0.0164 0.0181 0.0200 0.0226 0.0287
0.0363 0.0446 0.0538 0.0641 0.0749
0.0860 0.0972 0.1088 0.1221 0.1365
0.1519 0.1693 0.1901 0.2158 0.2453
0.2781 0.3157 0.3572 0.4008 0.4470
0.4951 0.5456 0.5978 0.6518 0.7072
0.7636 0.8214 0.8803 0.9401 1.0000

Hrad:

0.0286 0.0572 0.0858 0.1144 0.1430
0.1716 0.2002 0.2288 0.2574 0.2860
0.3190 0.3639 0.4077 0.4504 0.4922
0.5332 0.5734 0.6122 0.6223 0.5518
0.5100 0.4935 0.4860 0.4888 0.5074
0.5374 0.5718 0.6073 0.6323 0.6553
0.6780 0.6908 0.6283 0.6486 0.6632
0.6807 0.6900 0.7035 0.7256 0.7435
0.7687 0.7915 0.8142 0.7433 0.7888
0.8216 0.8578 0.8986 0.9492 1.0000

Width:

0.0023 0.0046 0.0068 0.0091 0.0114
0.0137 0.0159 0.0182 0.0205 0.0228
0.0247 0.0256 0.0265 0.0274 0.0283
0.0292 0.0301 0.0336 0.0630 0.1191
0.1327 0.1453 0.1631 0.1766 0.1827
0.1851 0.1889 0.2050 0.2310 0.2476
0.2706 0.3117 0.3872 0.4557 0.5215
0.5812 0.6661 0.7091 0.7491 0.7835
0.8224 0.8552 0.8840 0.9133 0.9313
0.9512 0.9724 0.9930 0.9965 1.0000

Transect C77

Area:

0.0001 0.0003 0.0006 0.0011 0.0016
0.0022 0.0028 0.0036 0.0044 0.0052
0.0062 0.0071 0.0082 0.0093 0.0105
0.0118 0.0131 0.0146 0.0167 0.0192

0.0221 0.0254 0.0290 0.0345 0.0415
0.0497 0.0591 0.0698 0.0820 0.0950
0.1089 0.1238 0.1402 0.1582 0.1776
0.2010 0.2283 0.2594 0.2980 0.3558
0.4177 0.4805 0.5442 0.6082 0.6725
0.7375 0.8029 0.8684 0.9341 1.0000

Hrad:

0.0328 0.0656 0.0984 0.1397 0.1848
0.2273 0.2678 0.3070 0.3456 0.3833
0.4204 0.4568 0.4929 0.5285 0.5638
0.5987 0.6320 0.6522 0.6553 0.6553
0.6559 0.6586 0.6597 0.6279 0.5878
0.5664 0.5633 0.5489 0.5450 0.5665
0.5923 0.5970 0.5634 0.5906 0.6406
0.6762 0.6535 0.6141 0.6094 0.6049
0.6231 0.6366 0.6714 0.7207 0.7719
0.7451 0.8091 0.8729 0.9365 1.0000

Width:

0.0020 0.0040 0.0061 0.0075 0.0085
0.0095 0.0105 0.0116 0.0125 0.0135
0.0145 0.0155 0.0165 0.0175 0.0185
0.0194 0.0205 0.0288 0.0348 0.0407
0.0464 0.0521 0.0662 0.0969 0.1134
0.1357 0.1495 0.1782 0.1920 0.2020
0.2169 0.2371 0.2608 0.2824 0.3157
0.3826 0.4420 0.4895 0.7415 0.9311
0.9482 0.9579 0.9679 0.9727 0.9785
0.9898 0.9922 0.9948 0.9974 1.0000

Transect C78

Area:

0.0001 0.0004 0.0010 0.0018 0.0027
0.0036 0.0047 0.0061 0.0084 0.0114
0.0148 0.0185 0.0227 0.0276 0.0333
0.0399 0.0473 0.0558 0.0650 0.0749
0.0859 0.0980 0.1118 0.1270 0.1443
0.1635 0.1844 0.2073 0.2316 0.2587
0.2871 0.3168 0.3477 0.3795 0.4130
0.4484 0.4853 0.5233 0.5620 0.6010
0.6401 0.6794 0.7188 0.7584 0.7981
0.8381 0.8783 0.9187 0.9592 1.0000

Hrad:

0.0205 0.0410 0.0616 0.0821 0.1183
0.1531 0.1853 0.2030 0.2003 0.2064
0.2222 0.2413 0.2595 0.2742 0.2862
0.2963 0.3063 0.3072 0.3240 0.3163
0.3307 0.3517 0.3743 0.3948 0.4079
0.4242 0.4361 0.4481 0.4587 0.4361
0.4619 0.4865 0.5127 0.5383 0.5610
0.5677 0.5864 0.5830 0.6007 0.6386
0.6764 0.7141 0.7517 0.7882 0.8244
0.8605 0.8965 0.9309 0.9693 1.0000

Width:

0.0054 0.0108 0.0162 0.0217 0.0227
0.0238 0.0285 0.0407 0.0716 0.0784
0.0851 0.0953 0.1117 0.1301 0.1485
0.1708 0.1935 0.2166 0.2305 0.2559

0.2766 0.3128 0.3531 0.3935 0.4506
0.4873 0.5403 0.5755 0.6217 0.6818
0.7076 0.7398 0.7654 0.7899 0.8403
0.8819 0.9177 0.9369 0.9486 0.9523
0.9559 0.9596 0.9634 0.9682 0.9733
0.9783 0.9834 0.9870 0.9897 1.0000

Transect C8
Area:
0.0002 0.0009 0.0019 0.0030 0.0043
0.0057 0.0072 0.0087 0.0102 0.0118
0.0134 0.0151 0.0168 0.0185 0.0203
0.0221 0.0240 0.0259 0.0315 0.0401
0.0502 0.0625 0.0769 0.0924 0.1089
0.1269 0.1456 0.1648 0.1856 0.2128
0.2482 0.2853 0.3234 0.3616 0.3999
0.4383 0.4769 0.5156 0.5545 0.5936
0.6330 0.6727 0.7125 0.7526 0.7929
0.8336 0.8745 0.9158 0.9575 1.0000
Hrad:
0.0220 0.0440 0.0749 0.1093 0.1415
0.1728 0.2086 0.2429 0.2758 0.3076
0.3383 0.3680 0.3970 0.4257 0.4536
0.4809 0.5075 0.5314 0.4756 0.4199
0.3837 0.3562 0.3499 0.3554 0.3610
0.3732 0.3951 0.4181 0.4352 0.3924
0.3994 0.4127 0.4101 0.4447 0.4807
0.5175 0.5549 0.5914 0.6273 0.6637
0.7002 0.7370 0.7750 0.8125 0.8497
0.8865 0.9219 0.9565 0.9871 1.0000
Width:
0.0099 0.0199 0.0254 0.0281 0.0307
0.0331 0.0341 0.0351 0.0360 0.0370
0.0379 0.0389 0.0398 0.0407 0.0416
0.0425 0.0433 0.0626 0.1832 0.2085
0.2567 0.3201 0.3461 0.3671 0.3996
0.4247 0.4361 0.4495 0.5377 0.7972
0.8385 0.8762 0.8801 0.8828 0.8856
0.8883 0.8914 0.8957 0.9009 0.9061
0.9118 0.9175 0.9224 0.9280 0.9342
0.9407 0.9487 0.9574 0.9705 1.0000

Transect C9
Area:
0.0001 0.0005 0.0009 0.0015 0.0022
0.0029 0.0038 0.0047 0.0056 0.0067
0.0078 0.0091 0.0131 0.0192 0.0266
0.0382 0.0567 0.0781 0.1009 0.1245
0.1487 0.1739 0.1999 0.2263 0.2540
0.2819 0.3100 0.3384 0.3676 0.3971
0.4267 0.4564 0.4862 0.5161 0.5460
0.5759 0.6059 0.6359 0.6660 0.6961
0.7263 0.7564 0.7867 0.8169 0.8472
0.8776 0.9080 0.9384 0.9690 1.0000
Hrad:
0.0153 0.0359 0.0563 0.0749 0.0925
0.1107 0.1308 0.1501 0.1687 0.1868

0.2010	0.2069	0.1702	0.1458	0.1295
0.0862	0.0933	0.1092	0.1331	0.1606
0.1842	0.2087	0.2344	0.2591	0.2805
0.3092	0.3383	0.3663	0.3846	0.4133
0.4422	0.4711	0.5012	0.5312	0.5612
0.5911	0.6210	0.6508	0.6806	0.7104
0.7401	0.7699	0.7996	0.8292	0.8588
0.8884	0.9178	0.9454	0.9730	1.0000

Width:

0.0084	0.0132	0.0164	0.0195	0.0227
0.0256	0.0277	0.0299	0.0321	0.0343
0.0371	0.0767	0.1592	0.2176	0.2620
0.5305	0.6616	0.7016	0.7440	0.7611
0.7928	0.8183	0.8371	0.8577	0.8891
0.8953	0.9000	0.9201	0.9384	0.9434
0.9474	0.9512	0.9525	0.9539	0.9552
0.9565	0.9579	0.9592	0.9606	0.9618
0.9631	0.9644	0.9656	0.9669	0.9682
0.9694	0.9708	0.9740	0.9772	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 04/11/2025 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:01:00
Dry Time Step 00:05:00
Routing Time Step ..... 1.00 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	11.600	115.602
Evaporation Loss	0.000	0.000
Infiltration Loss	5.532	55.130
Surface Runoff	5.428	54.093
Final Storage	0.642	6.396

Continuity Error (%) ..... -0.014

Flow Routing Continuity	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	5.427	54.269
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	4.730	47.297
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	0.679	6.789
Continuity Error (%)	0.338	

****
Highest Continuity Errors
****
Node J134 (69.43%)
Node J107 (-14.42%)
Node J157 (13.59%)
Node J161 (11.34%)
Node J142 (11.31%)

****
Time-Step Critical Elements
****
None

****
Highest Flow Instability Indexes
****
Link ChannelA138 (12)

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

****
Routing Time Step Summary
****
Minimum Time Step : 0.50 sec
Average Time Step : 1.00 sec
Maximum Time Step : 1.00 sec
% of Time in Steady State : 0.00
Average Iterations per Step : 2.00
% of Steps Not Converging : 0.00

```
  Time Step Frequencies       :
      1.000 -  0.871 sec      :   100.00 %
      0.871 -  0.758 sec      :     0.00 %
      0.758 -  0.660 sec      :     0.00 %
      0.660 -  0.574 sec      :     0.00 %
      0.574 -  0.500 sec      :     0.00 %


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

  ----------------------------------------------------------------------------------------
-----------------------------------------------
                              Total      Total      Total      Total     Imperv
Perv      Total       Total     Peak  Runoff
                           Precip      Runon       Evap      Infil     Runoff
Runoff     Runoff      Runoff   Runoff   Coeff
  Subcatchment                mm         mm         mm         mm         mm
mm         mm    10^6 ltr      CMS
  ----------------------------------------------------------------------------------------
-----------------------------------------------
  SubA                        115.60       0.00       0.00      55.13       4.58
50.63      55.21        0.20     0.08   0.478
  SubA101_1                   115.60       0.00       0.00      55.13       4.58
48.72      53.30        0.81     0.16   0.461
  SubA101_2                   115.60       0.00       0.00      55.13       4.58
48.61      53.18        0.75     0.14   0.460
  SubA111_1                   115.60       0.00       0.00      55.13       4.58
48.35      52.93        0.78     0.13   0.458
  SubA111_2                   115.60       0.00       0.00      55.13       4.58
49.10      53.68        0.37     0.08   0.464
  SubA117                     115.60       0.00       0.00      55.13       4.58
49.12      53.70        0.51     0.11   0.464
  SubA120                     115.60       0.00       0.00      55.13       4.58
49.95      54.53        0.34     0.11   0.472
  SubA122                     115.60       0.00       0.00      55.13       4.58
49.41      53.99        0.49     0.12   0.467
  SubA129                     115.60       0.00       0.00      55.13       4.58
50.11      54.69        0.75     0.25   0.473
  SubA138_1                   115.60       0.00       0.00      55.13       4.58
48.60      53.17        0.46     0.09   0.460
  SubA138_2                   115.60       0.00       0.00      55.13       4.58
49.52      54.10        0.66     0.17   0.468
  SubA140                     115.60       0.00       0.00      55.13       4.58
49.58      54.16        0.61     0.16   0.469
  SubA158                     115.60       0.00       0.00      55.13       4.58
49.94      54.51        0.41     0.13   0.472
  SubA159                     115.60       0.00       0.00      55.13       4.58
49.52      54.10        0.28     0.07   0.468
  SubA89_1                    115.60       0.00       0.00      55.13       4.58
49.34      53.91        0.86     0.21   0.466
  SubA89_2                    115.60       0.00       0.00      55.13       4.58
50.18      54.76        0.43     0.15   0.474
  SubA93                      115.60       0.00       0.00      55.13       4.58
49.69      54.26        0.61     0.17   0.469
  SubA99                      115.60       0.00       0.00      55.13       4.58
49.75      54.32        0.68     0.20   0.470
  SubB                        115.60       0.00       0.00      55.13       4.58
50.46      55.03        0.26     0.10   0.476
```

SubB_1		115.60	0.00	0.00	55.13	4.58	
49.16	53.74	0.56	0.13	0.465			
SubB_2		115.60	0.00	0.00	55.13	4.58	
50.11	54.68	0.28	0.09	0.473			
SubB12_1		115.60	0.00	0.00	55.13	4.58	
48.96	53.54	0.74	0.16	0.463			
SubB12_2		115.60	0.00	0.00	55.13	4.58	
49.48	54.06	0.63	0.16	0.468			
SubB14		115.60	0.00	0.00	55.13	4.58	
49.55	54.13	1.05	0.28	0.468			
SubB152		115.60	0.00	0.00	55.13	4.58	
49.80	54.38	0.33	0.10	0.470			
SubB16_1		115.60	0.00	0.00	55.13	4.58	
49.58	54.16	0.50	0.13	0.469			
SubB16_2		115.60	0.00	0.00	55.13	4.58	
50.09	54.67	0.41	0.14	0.473			
SubB160_1		115.60	0.00	0.00	55.13	4.58	
50.21	54.79	0.72	0.25	0.474			
SubB160_2		115.60	0.00	0.00	55.13	4.58	
50.47	55.04	0.39	0.15	0.476			
SubB162		115.60	0.00	0.00	55.13	4.58	
50.73	55.31	0.23	0.10	0.478			
SubB2		115.60	0.00	0.00	55.13	4.58	
49.66	54.24	0.66	0.18	0.469			
SubB20		115.60	0.00	0.00	55.13	4.58	
49.76	54.34	0.27	0.08	0.470			
SubB22		115.60	0.00	0.00	55.13	4.58	
49.45	54.03	0.59	0.15	0.467			
SubB27_1		115.60	0.00	0.00	55.13	4.58	
49.29	53.87	0.59	0.14	0.466			
SubB27_2		115.60	0.00	0.00	55.13	4.58	
49.25	53.82	0.34	0.08	0.466			
SubB27_3		115.60	0.00	0.00	55.13	4.58	
50.08	54.65	0.74	0.24	0.473			
SubB32		115.60	0.00	0.00	55.13	4.58	
49.05	53.63	0.91	0.20	0.464			
SubB36		115.60	0.00	0.00	55.13	4.58	
50.06	54.63	0.27	0.09	0.473			
SubB38		115.60	0.00	0.00	55.13	4.58	
49.44	54.02	0.78	0.20	0.467			
SubB4		115.60	0.00	0.00	55.13	4.58	
49.55	54.12	0.74	0.19	0.468			
SubB47		115.60	0.00	0.00	55.13	4.58	
49.64	54.21	0.62	0.17	0.469			
SubB53		115.60	0.00	0.00	55.13	4.58	
49.74	54.32	0.58	0.17	0.470			
SubB56_1		115.60	0.00	0.00	55.13	4.58	
50.02	54.60	0.81	0.26	0.472			
SubB56_2		115.60	0.00	0.00	55.13	4.58	
49.38	53.96	0.74	0.18	0.467			
SubB62		115.60	0.00	0.00	55.13	4.58	
49.90	54.47	0.29	0.09	0.471			
SubB67		115.60	0.00	0.00	55.13	4.58	
49.24	53.82	0.79	0.18	0.466			
SubB71		115.60	0.00	0.00	55.13	4.58	
49.78	54.36	0.32	0.09	0.470			
SubB73		115.60	0.00	0.00	55.13	4.58	
49.33	53.91	0.60	0.14	0.466			
SubB8		115.60	0.00	0.00	55.13	4.58	
49.50	54.08	1.01	0.26	0.468			

SubB82_1		115.60		0.00	0.00	55.13	4.58
50.16	54.74	0.29	0.10	0.474			
SubB82_2		115.60		0.00	0.00	55.13	4.58
49.23	53.81	0.38	0.09	0.465			
SubB84		115.60		0.00	0.00	55.13	4.58
49.08	53.66	0.75	0.16	0.464			
SubC		115.60		0.00	0.00	55.13	4.58
50.18	54.76	0.36	0.12	0.474			
SubC103		115.60		0.00	0.00	55.13	4.58
50.38	54.96	0.27	0.10	0.475			
SubC105_1		115.60		0.00	0.00	55.13	4.58
49.65	54.23	0.41	0.11	0.469			
SubC105_2		115.60		0.00	0.00	55.13	4.58
49.60	54.18	0.39	0.10	0.469			
SubC107		115.60		0.00	0.00	55.13	4.58
50.02	54.60	0.56	0.18	0.472			
SubC109_1		115.60		0.00	0.00	55.13	4.58
49.34	53.92	0.54	0.13	0.466			
SubC109_2		115.60		0.00	0.00	55.13	4.58
49.44	54.02	0.44	0.11	0.467			
SubC113		115.60		0.00	0.00	55.13	4.58
49.67	54.25	0.89	0.25	0.469			
SubC125		115.60		0.00	0.00	55.13	4.58
49.71	54.29	0.24	0.07	0.470			
SubC127		115.60		0.00	0.00	55.13	4.58
49.51	54.09	0.26	0.07	0.468			
SubC131		115.60		0.00	0.00	55.13	4.58
49.90	54.48	0.41	0.12	0.471			
SubC134		115.60		0.00	0.00	55.13	4.58
49.49	54.07	0.69	0.18	0.468			
SubC136		115.60		0.00	0.00	55.13	4.58
48.46	53.04	0.57	0.10	0.459			
SubC142_1		115.60		0.00	0.00	55.13	4.58
49.68	54.26	0.71	0.20	0.469			
SubC142_2		115.60		0.00	0.00	55.13	4.58
49.87	54.44	0.28	0.08	0.471			
SubC144_1		115.60		0.00	0.00	55.13	4.58
49.85	54.43	0.57	0.17	0.471			
SubC144_2		115.60		0.00	0.00	55.13	4.58
48.17	52.75	1.20	0.19	0.456			
SubC146		115.60		0.00	0.00	55.13	4.58
49.01	53.59	1.37	0.29	0.464			
SubC148		115.60		0.00	0.00	55.13	4.58
49.05	53.62	0.73	0.16	0.464			
SubC151		115.60		0.00	0.00	55.13	4.58
49.45	54.03	0.22	0.06	0.467			
SubC153		115.60		0.00	0.00	55.13	4.58
50.94	55.52	0.05	0.02	0.480			
SubC154		115.60		0.00	0.00	55.13	4.58
50.00	54.57	0.44	0.14	0.472			
SubC155		115.60		0.00	0.00	55.13	4.58
50.20	54.77	0.38	0.13	0.474			
SubC156_1		115.60		0.00	0.00	55.13	4.58
48.94	53.52	0.70	0.14	0.463			
SubC156_2		115.60		0.00	0.00	55.13	4.58
49.93	54.51	0.28	0.09	0.472			
SubC157		115.60		0.00	0.00	55.13	4.58
50.00	54.58	0.56	0.18	0.472			
SubC161		115.60		0.00	0.00	55.13	4.58
50.51	55.09	0.34	0.14	0.477			

SubC163		115.60	0.00	0.00	55.13	4.58	
50.54	55.11	0.26	0.10	0.477			
SubC18_1		115.60	0.00	0.00	55.13	4.58	
49.50	54.08	0.55	0.14	0.468			
SubC18_2		115.60	0.00	0.00	55.13	4.58	
49.39	53.97	0.74	0.18	0.467			
SubC1B2A2B1B05		115.60	0.00	0.00	55.13	4.58	
50.10	54.68	0.34	0.11	0.473			
SubC1B2A2B1B06		115.60	0.00	0.00	55.13	4.58	
49.85	54.43	0.29	0.09	0.471			
SubC1B2A2B1B07		115.60	0.00	0.00	55.13	4.58	
49.09	53.67	0.89	0.19	0.464			
SubC1B2A2B1B08_1		115.60	0.00	0.00	55.13	4.58	
49.75	54.33	0.54	0.15	0.470			
SubC1B2A2B1B08_2		115.60	0.00	0.00	55.13	4.58	
49.28	53.85	0.48	0.11	0.466			
SubC25_1		115.60	0.00	0.00	55.13	4.58	
49.52	54.10	0.41	0.11	0.468			
SubC25_2		115.60	0.00	0.00	55.13	4.58	
49.93	54.51	0.59	0.18	0.472			
SubC29		115.60	0.00	0.00	55.13	4.58	
49.98	54.55	0.27	0.08	0.472			
SubC34		115.60	0.00	0.00	55.13	4.58	
50.10	54.67	0.34	0.11	0.473			
SubC41		115.60	0.00	0.00	55.13	4.58	
49.14	53.72	0.79	0.18	0.465			
SubC45		115.60	0.00	0.00	55.13	4.58	
50.56	55.13	0.42	0.17	0.477			
SubC49_1		115.60	0.00	0.00	55.13	4.58	
48.99	53.57	0.75	0.16	0.463			
SubC49_2		115.60	0.00	0.00	55.13	4.58	
49.86	54.44	0.37	0.11	0.471			
SubC51		115.60	0.00	0.00	55.13	4.58	
49.83	54.41	0.50	0.15	0.471			
SubC60_1		115.60	0.00	0.00	55.13	4.58	
49.65	54.23	0.28	0.08	0.469			
SubC60_2		115.60	0.00	0.00	55.13	4.58	
49.90	54.48	0.30	0.09	0.471			
SubC65		115.60	0.00	0.00	55.13	4.58	
50.08	54.66	0.22	0.07	0.473			
SubC75		115.60	0.00	0.00	55.13	4.58	
50.03	54.61	0.38	0.12	0.472			
SubC80		115.60	0.00	0.00	55.13	4.58	
50.06	54.63	0.45	0.15	0.473			
SubC91		115.60	0.00	0.00	55.13	4.58	
49.25	53.83	0.59	0.14	0.466			
SubC96		115.60	0.00	0.00	55.13	4.58	
49.68	54.26	0.48	0.13	0.469			

****
Node Depth Summary
****

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters

Existing-Node-A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2A2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2B2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2B3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2B4	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2B5	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2B5A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2B5B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2B5B2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2B5B3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4A1A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4A1A2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4A1A3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4A1A4	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4A1B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4A1B2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4A1B3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B4	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B5	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B6	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B6A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B6A2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B6A3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B6A4	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B6A5	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B6A6	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B6B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1A2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2A2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2A3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2A4	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2B1A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2B1B01	JUNCTION	0.00	0.00	0.00	0	00:00	0.00

Existing-Node-C1B2A2B1B02	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2B1B03	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2B1B05	JUNCTION	0.06	0.15	95.30	0	14:29	0.15
Existing-Node-C1B2A2B1B06	JUNCTION	0.04	0.09	95.30	0	14:28	0.09
Existing-Node-C1B2A2B1B07	JUNCTION	0.02	0.05	95.34	0	12:00	0.05
Existing-Node-C1B2A2B1B08	JUNCTION	0.10	0.22	95.53	0	14:05	0.22
Existing-Node-C1B2A2B1B09	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2B1B1	JUNCTION	0.14	0.29	95.22	0	12:30	0.29
Existing-Node-C1B2A2B1B10	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2B1B11	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2B1B12	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2B1B13	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1A2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1A3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B2A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B2B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B2B2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B2B3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B2B3A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B2B3A2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B2B3A3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B2B3B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
J1	JUNCTION	0.14	0.29	95.22	0	12:39	0.29
J101	JUNCTION	0.02	0.07	94.99	0	12:07	0.07
J103	JUNCTION	0.12	0.26	95.30	0	14:32	0.26
J105	JUNCTION	0.02	0.07	95.25	0	12:05	0.07
J107	JUNCTION	0.03	0.09	95.07	0	12:08	0.09

J109	JUNCTION	0.08	0.17	94.90	0	17:10	0.17
J111	JUNCTION	0.04	0.24	94.96	0	12:00	0.24
J113	JUNCTION	0.02	0.06	94.92	0	12:07	0.06
J117	JUNCTION	0.16	0.46	94.55	0	13:14	0.46
J12	JUNCTION	0.04	0.14	95.90	0	12:22	0.14
J120	JUNCTION	0.14	0.43	94.55	0	13:19	0.43
J122	JUNCTION	0.05	0.14	94.67	0	12:30	0.14
J125	JUNCTION	0.06	0.33	95.18	0	12:04	0.33
J127	JUNCTION	0.05	0.34	95.21	0	12:03	0.34
J129	JUNCTION	0.07	0.28	94.55	0	13:17	0.28
J131	JUNCTION	0.04	0.31	95.21	0	12:03	0.31
J134	JUNCTION	0.17	0.32	94.90	0	17:13	0.32
J136	JUNCTION	0.09	0.38	95.20	0	12:04	0.38
J138	JUNCTION	0.06	0.15	94.98	0	12:26	0.15
J14	JUNCTION	0.02	0.07	95.34	0	12:00	0.07
J140	JUNCTION	0.02	0.07	94.89	0	12:29	0.07
J142	JUNCTION	0.17	0.35	94.95	0	14:53	0.35
J144	JUNCTION	0.09	0.20	94.95	0	14:57	0.20
J146	JUNCTION	0.09	0.16	94.22	0	15:25	0.16
J148	JUNCTION	0.03	0.12	94.37	0	12:00	0.12
J151	JUNCTION	0.01	0.07	94.29	0	12:00	0.07
J152	JUNCTION	0.03	0.13	94.93	0	12:10	0.13
J153	JUNCTION	0.08	0.26	95.55	0	13:00	0.26
J154	JUNCTION	0.03	0.08	95.29	0	12:05	0.08
J155	JUNCTION	0.11	0.21	94.02	0	12:11	0.21
J156	JUNCTION	0.10	0.26	95.14	0	12:55	0.26
J157	JUNCTION	0.10	0.20	94.90	0	17:09	0.20
J158	JUNCTION	0.05	0.13	94.06	0	12:33	0.13
J159	JUNCTION	0.02	0.08	94.79	0	12:30	0.08
J16	JUNCTION	0.02	0.17	94.99	0	12:12	0.17
J160	JUNCTION	0.06	0.42	94.49	0	12:16	0.42
J161	JUNCTION	0.17	0.33	94.90	0	17:13	0.33
J162	JUNCTION	0.11	0.52	94.48	0	12:18	0.52
J163	JUNCTION	0.08	0.13	94.58	0	15:31	0.13
J18	JUNCTION	0.05	0.38	95.95	0	12:00	0.38
J20	JUNCTION	0.01	0.06	95.15	0	12:02	0.06
J21212	JUNCTION	0.03	0.11	96.51	0	12:00	0.11
J22	JUNCTION	0.05	0.37	95.03	0	12:13	0.35
J25	JUNCTION	0.02	0.09	95.63	0	12:01	0.09
J27	JUNCTION	0.04	0.10	95.76	0	12:14	0.10
J29	JUNCTION	0.06	0.22	95.70	0	12:48	0.22
J32	JUNCTION	0.03	0.12	95.06	0	12:00	0.12
J34	JUNCTION	0.08	0.25	95.70	0	12:47	0.25
J36	JUNCTION	0.03	0.14	95.22	0	12:00	0.14
J38	JUNCTION	0.01	0.05	95.33	0	12:00	0.05
J4	JUNCTION	0.03	0.26	96.40	0	12:00	0.26
J41	JUNCTION	0.02	0.08	95.61	0	12:07	0.08
J45	JUNCTION	0.04	0.10	95.53	0	14:01	0.10
J47	JUNCTION	0.04	0.16	94.53	0	12:12	0.16
J49	JUNCTION	0.07	0.24	95.60	0	12:56	0.24
J51	JUNCTION	0.08	0.25	95.55	0	12:00	0.25
J53	JUNCTION	0.02	0.08	95.28	0	12:07	0.08
J56	JUNCTION	0.14	0.57	94.47	0	12:19	0.57
J60	JUNCTION	0.02	0.09	95.43	0	12:01	0.09
J62	JUNCTION	0.05	0.19	94.74	0	12:11	0.19
J65	JUNCTION	0.08	0.25	95.52	0	13:11	0.25
J67	JUNCTION	0.05	0.17	95.14	0	12:07	0.17

J71	JUNCTION	0.04	0.16	94.75	0	12:11	0.16
J73	JUNCTION	0.05	0.16	94.93	0	12:10	0.16
J75	JUNCTION	0.10	0.28	95.52	0	13:10	0.28
J8	JUNCTION	0.02	0.07	96.05	0	12:03	0.07
J80	JUNCTION	0.01	0.06	95.28	0	12:00	0.06
J82	JUNCTION	0.03	0.15	94.82	0	12:10	0.15
J84	JUNCTION	0.01	0.09	94.94	0	12:10	0.09
J89	JUNCTION	0.22	0.41	93.86	0	12:09	0.41
J93	JUNCTION	0.01	0.04	95.07	0	12:03	0.04
J96	JUNCTION	0.10	0.23	95.30	0	14:33	0.23
J99	JUNCTION	0.03	0.11	94.95	0	12:18	0.11
JX	JUNCTION	0.11	0.45	94.30	0	12:15	0.45
Outfall_A	OUTFALL	0.04	0.13	93.78	0	12:09	0.13
Outfall_B	OUTFALL	0.11	0.45	94.26	0	12:16	0.45
Outfall_C	OUTFALL	0.11	0.21	93.87	0	12:11	0.21

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Node Inflow Summary
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Node	Type	Maximum Lateral Inflow CMS	Maximum Total Inflow CMS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Flow Inflow Volume 10^6 ltr	Flow Balance Error Percent
Existing-Node-A1	JUNCTION	0.000	0.000	0 00:00	0	0	0.000
Existing-Node-A2	JUNCTION	0.000	0.000	0 00:00	0	0	0.000
Existing-Node-A2A1	JUNCTION	0.000	0.000	0 00:00	0	0	0.000
Existing-Node-A2A2	JUNCTION	0.000	0.000	0 00:00	0	0	0.000
Existing-Node-A2B1	JUNCTION	0.000	0.000	0 00:00	0	0	0.000
Existing-Node-A2B2	JUNCTION	0.000	0.000	0 00:00	0	0	0.000
Existing-Node-A2B3	JUNCTION	0.000	0.000	0 00:00	0	0	0.000
Existing-Node-A2B4	JUNCTION	0.000	0.000	0 00:00	0	0	0.000
Existing-Node-A2B5	JUNCTION	0.000	0.000	0 00:00	0	0	0.000
Existing-Node-A2B5A1	JUNCTION	0.000	0.000	0 00:00	0	0	0.000
Existing-Node-A2B5B1	JUNCTION	0.000	0.000	0 00:00	0	0	0.000
Existing-Node-A2B5B2	JUNCTION	0.000	0.000	0 00:00	0	0	0.000
Existing-Node-A2B5B3	JUNCTION	0.000	0.000	0 00:00	0	0	0.000

Existing-Node-B1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B3	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4A1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4A1A1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4A1A2	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4A1A3	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4A1A4	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4A1B1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4A1B2	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4A1B3	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B2	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B3	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B4	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B5	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B6	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B6A1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B6A2	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B6A3	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B6A4	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B6A5	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B6A6	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B6B1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-C1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-C1A1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-C1A2	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-C1B1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-C1B2	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-C1B2A1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					

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  Existing-Node-C1B2A2 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2A1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2A2 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2A3 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2A4 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1A1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1B01 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1B02 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1B03 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1B05 JUNCTION     0.113    0.363     0  12:00       0.339
4.5       0.519
  Existing-Node-C1B2A2B1B06 JUNCTION     0.086    0.296     0  12:00       0.288
4.17       0.179
  Existing-Node-C1B2A2B1B07 JUNCTION     0.194    0.228     0  12:00       0.888
3.89       0.141
  Existing-Node-C1B2A2B1B08 JUNCTION     0.267    0.410     0  12:00        1.02
3.27       9.045
  Existing-Node-C1B2A2B1B09 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1B1 JUNCTION     0.138    0.198     0  12:00       0.595
5.68       0.182
  Existing-Node-C1B2A2B1B10 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1B11 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1B12 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1B13 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1A1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1A2 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1A3 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1B1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1B1A1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1B1B1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1B1B2 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1B1B2A1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1B1B2B1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
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Existing-Node-C1B2B1B1B2B2	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
Existing-Node-C1B2B1B1B2B3	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
Existing-Node-C1B2B1B1B2B3A1	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
Existing-Node-C1B2B1B1B2B3A2	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
Existing-Node-C1B2B1B1B2B3A3	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
Existing-Node-C1B2B1B1B2B3B1	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
J1	JUNCTION	0.000	0.184	0	12:00	0	5.67	0.529	
J101	JUNCTION	0.294	0.294	0	12:00	1.56	1.56	-2.461	
J103	JUNCTION	0.100	0.169	0	11:58	0.267	5.13	0.830	
J105	JUNCTION	0.217	0.217	0	12:00	0.798	0.798	-4.535	
J107	JUNCTION	0.182	0.304	0	12:00	0.565	1.02	-12.600	
J109	JUNCTION	0.241	0.241	0	12:00	0.982	0.982	17.478	
J111	JUNCTION	0.213	0.213	0	12:00	1.14	1.14	0.079	
J113	JUNCTION	0.247	0.512	0	12:00	0.892	5.86	-0.587	
J117	JUNCTION	0.112	0.411	0	12:37	0.506	6.63	0.233	
J12	JUNCTION	0.315	0.629	0	12:00	1.37	3.14	2.086	
J120	JUNCTION	0.107	0.718	0	12:25	0.343	6.2	1.289	
J122	JUNCTION	0.122	0.503	0	12:28	0.492	5.14	0.131	
J125	JUNCTION	0.068	0.274	0	12:00	0.242	1.46	0.245	
J127	JUNCTION	0.066	0.184	0	12:00	0.257	0.663	0.485	
J129	JUNCTION	0.252	0.651	0	12:04	0.75	5.88	0.379	
J131	JUNCTION	0.125	0.125	0	12:00	0.407	0.407	0.059	
J134	JUNCTION	0.177	0.631	0	12:10	0.692	2.78	227.148	
J136	JUNCTION	0.100	0.242	0	12:00	0.566	1.23	0.593	
J138	JUNCTION	0.258	0.441	0	12:00	1.13	2.73	3.491	
J14	JUNCTION	0.278	0.445	0	12:00	1.05	1.72	0.399	
J140	JUNCTION	0.163	0.331	0	12:25	0.612	3.25	0.351	
J142	JUNCTION	0.281	0.750	0	12:09	0.988	11.2	12.757	
J144	JUNCTION	0.365	0.680	0	12:00	1.77	10.5	2.093	
J146	JUNCTION	0.290	0.452	0	12:00	1.37	17.2	0.987	

J148	JUNCTION	0.156	0.156	0	12:00	0.725	0.725	0.045
J151	JUNCTION	0.056	0.220	0	12:00	0.222	0.947	-0.218
J152	JUNCTION	0.098	0.959	0	12:07	0.335	7.17	0.136
J153	JUNCTION	0.021	0.199	0	12:00	0.0478	3.41	0.097
J154	JUNCTION	0.142	0.357	0	12:00	0.443	4.99	0.465
J155	JUNCTION	0.131	0.573	0	12:00	0.377	18.4	0.328
J156	JUNCTION	0.233	0.502	0	12:00	0.983	7.46	3.149
J157	JUNCTION	0.179	0.784	0	12:03	0.56	7.29	15.724
J158	JUNCTION	0.127	0.472	0	12:32	0.408	8.3	0.212
J159	JUNCTION	0.074	0.463	0	12:25	0.284	4.66	0.348
J16	JUNCTION	0.271	1.241	0	12:14	0.913	3.15	0.323
J160	JUNCTION	0.401	1.302	0	12:01	1.1	6.53	0.280
J161	JUNCTION	0.136	0.800	0	12:03	0.345	7.49	12.786
J162	JUNCTION	0.097	2.453	0	12:12	0.229	16.4	0.306
J163	JUNCTION	0.102	0.425	0	15:29	0.255	15.9	0.601
J18	JUNCTION	0.324	0.324	0	12:00	1.29	1.29	0.009
J20	JUNCTION	0.078	0.503	0	12:00	0.273	1.98	0.239
J21212	JUNCTION	0.183	0.183	0	12:00	0.664	0.664	0.508
J22	JUNCTION	0.150	1.873	0	12:15	0.594	3.73	0.220
J25	JUNCTION	0.290	0.290	0	12:00	1	1	-0.286
J27	JUNCTION	0.461	0.626	0	12:00	1.67	4.74	0.207
J29	JUNCTION	0.084	0.402	0	12:00	0.265	1.56	1.857
J32	JUNCTION	0.197	0.444	0	12:00	0.911	1.96	-0.144
J34	JUNCTION	0.113	0.284	0	12:00	0.338	1.87	2.540
J36	JUNCTION	0.089	0.279	0	12:00	0.271	1.05	0.286
J38	JUNCTION	0.196	0.196	0	12:00	0.781	0.781	0.037
J4	JUNCTION	0.194	0.194	0	12:00	0.738	0.738	0.246
J41	JUNCTION	0.176	0.411	0	12:00	0.789	1.8	-4.190
J45	JUNCTION	0.168	0.211	0	12:00	0.417	2.24	-0.636
J47	JUNCTION	0.169	1.303	0	12:11	0.62	9.62	0.005

J49	JUNCTION	0.270	0.516	0	12:00	1.12	3	4.483
J51	JUNCTION	0.147	0.147	0	12:00	0.496	0.496	0.119
J53	JUNCTION	0.166	0.686	0	12:02	0.583	5.32	0.102
J56	JUNCTION	0.442	2.410	0	12:14	1.55	17.9	0.132
J60	JUNCTION	0.170	0.170	0	12:00	0.583	0.583	-0.364
J62	JUNCTION	0.089	1.215	0	12:11	0.291	9.01	0.112
J65	JUNCTION	0.073	0.266	0	12:00	0.221	3.63	0.489
J67	JUNCTION	0.183	0.798	0	12:05	0.79	6.1	0.217
J71	JUNCTION	0.092	1.174	0	12:10	0.318	8.73	0.097
J73	JUNCTION	0.145	1.033	0	12:09	0.603	7.76	0.143
J75	JUNCTION	0.124	0.244	0	12:00	0.382	3.99	0.758
J8	JUNCTION	0.260	0.435	0	12:00	1.01	1.74	-1.543
J80	JUNCTION	0.146	0.146	0	12:00	0.447	0.447	-0.938
J82	JUNCTION	0.188	1.128	0	12:09	0.672	8.42	0.097
J84	JUNCTION	0.162	0.162	0	12:00	0.745	0.745	0.146
J89	JUNCTION	0.358	0.663	0	12:00	1.3	9.57	0.814
J93	JUNCTION	0.170	0.170	0	12:00	0.611	0.611	-1.460
J96	JUNCTION	0.133	0.342	0	11:59	0.477	4.95	1.924
J99	JUNCTION	0.195	0.315	0	12:00	0.683	1.3	2.316
JX	JUNCTION	0.102	2.599	0	12:15	0.262	18.1	0.024
Outfall_A	OUTFALL	0.083	0.645	0	12:04	0.201	9.7	0.000
Outfall_B	OUTFALL	0.221	2.559	0	12:16	0.843	18.9	0.000
Outfall_C	OUTFALL	0.124	0.581	0	12:04	0.359	18.7	0.000

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

Node	Type	Hours Surcharged	Max. Height Above Crown Meters	Min. Depth Below Rim Meters
Existing-Node-A1	JUNCTION	24.00	0.000	0.000

Existing-Node-A2	JUNCTION	24.00	0.000	0.000
Existing-Node-A2A1	JUNCTION	24.00	0.000	0.000
Existing-Node-A2A2	JUNCTION	24.00	0.000	0.000
Existing-Node-A2B1	JUNCTION	24.00	0.000	0.000
Existing-Node-A2B2	JUNCTION	24.00	0.000	0.000
Existing-Node-A2B3	JUNCTION	24.00	0.000	0.000
Existing-Node-A2B4	JUNCTION	24.00	0.000	0.000
Existing-Node-A2B5	JUNCTION	24.00	0.000	0.000
Existing-Node-A2B5A1	JUNCTION	24.00	0.000	0.000
Existing-Node-A2B5B1	JUNCTION	24.00	0.000	0.000
Existing-Node-A2B5B2	JUNCTION	24.00	0.000	0.000
Existing-Node-A2B5B3	JUNCTION	24.00	0.000	0.000
Existing-Node-B1	JUNCTION	24.00	0.000	0.000
Existing-Node-B3	JUNCTION	24.00	0.000	0.000
Existing-Node-B4	JUNCTION	24.00	0.000	0.000
Existing-Node-B4A1	JUNCTION	24.00	0.000	0.000
Existing-Node-B4A1A1	JUNCTION	24.00	0.000	0.000
Existing-Node-B4A1A2	JUNCTION	24.00	0.000	0.000
Existing-Node-B4A1A3	JUNCTION	24.00	0.000	0.000
Existing-Node-B4A1A4	JUNCTION	24.00	0.000	0.000
Existing-Node-B4A1B1	JUNCTION	24.00	0.000	0.000
Existing-Node-B4A1B2	JUNCTION	24.00	0.000	0.000
Existing-Node-B4A1B3	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B1	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B2	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B3	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B4	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B5	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B6	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B6A1	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B6A2	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B6A3	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B6A4	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B6A5	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B6A6	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B6B1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1A1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1A2	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2A1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2A2	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2A3	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2A4	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1A1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1B01	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1B02	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1B03	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1B09	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1B10	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1B11	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1B12	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1B13	JUNCTION	24.00	0.000	0.000

Existing-Node-C1B2B1 JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1A1 JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1A2 JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1A3 JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1 JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1A1 JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B1 JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B2 JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B2A1 JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B2B1 JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B2B2 JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B2B3 JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B2B3A1 JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B2B3A2 JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B2B3A3 JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B2B3B1 JUNCTION	24.00	0.000	0.000

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Node Flooding Summary
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No nodes were flooded.

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Outfall Loading Summary
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Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 10^6 ltr
Outfall_A	94.80	0.118	0.645	9.697
Outfall_B	99.81	0.220	2.559	18.940
Outfall_C	96.13	0.225	0.581	18.660
System	96.91	0.563	3.733	47.297

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Link Flow Summary
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Link	Type	Maximum |Flow| CMS	Time of Max Occurrence days hr:min	Maximum |Veloc| m/sec	Max/ Full Flow	Max/ Full Depth
ChannelA101	CHANNEL	0.213	0 12:07	0.10	0.04	0.60
ChannelA111	CONDUIT	0.211	0 12:00	0.59	0.70	0.39
ChannelA117	CONDUIT	0.331	0 13:14	0.71	0.16	0.33
ChannelA120	CHANNEL	0.378	0 12:49	0.18	0.00	0.45
ChannelA122	CHANNEL	0.502	0 12:30	0.89	0.00	0.28
ChannelA129	CHANNEL	0.690	0 12:31	0.21	0.01	0.46
ChannelA138	CHANNEL	0.271	0 12:26	2.52	0.05	0.41

ChannelA140	CHANNEL	0.326	0	12:29	0.25	0.24	0.64
ChannelA158	CHANNEL	0.470	0	12:33	0.27	0.00	0.24
ChannelA159	CHANNEL	0.457	0	12:30	0.36	0.03	0.40
ChannelA89	CHANNEL	0.611	0	12:09	0.59	0.00	0.18
ChannelA93	CHANNEL	0.130	0	12:03	0.11	0.02	0.41
ChannelA99	CHANNEL	0.168	0	12:18	0.86	0.00	0.15
ChannelB	CHANNEL	2.458	0	12:16	1.78	0.00	0.26
ChannelB12	CHANNEL	0.375	0	12:21	0.67	0.04	0.45
ChannelB14	CHANNEL	0.432	0	12:00	0.64	0.00	0.05
ChannelB152	CHANNEL	0.944	0	12:11	0.35	0.01	0.26
ChannelB16	CHANNEL	1.799	0	12:15	0.49	0.00	0.21
ChannelB160	CHANNEL	1.129	0	12:12	0.41	0.00	0.26
ChannelB162	CHANNEL	2.231	0	12:18	0.87	0.00	0.26
ChannelB20	CHANNEL	0.473	0	12:02	0.38	0.00	0.15
ChannelB22	CONDUIT	0.737	0	12:13	1.12	0.08	0.33
ChannelB2212	CHANNEL	0.172	0	12:00	1.33	0.00	0.06
ChannelB27	CHANNEL	0.575	0	12:13	0.66	0.05	0.41
ChannelB32	CHANNEL	0.430	0	12:00	0.68	0.00	0.24
ChannelB36	CHANNEL	0.259	0	12:01	1.01	0.00	0.18
ChannelB38	CHANNEL	0.191	0	12:00	0.19	0.00	0.17
ChannelB4	CONDUIT	0.179	0	12:00	0.47	0.49	0.55
ChannelB47	CHANNEL	1.301	0	12:12	0.37	0.00	0.31
ChannelB53	CHANNEL	0.669	0	12:07	0.35	0.01	0.34
ChannelB56	CHANNEL	2.575	0	12:19	1.71	0.00	0.25
ChannelB62	CHANNEL	1.214	0	12:12	1.19	0.00	0.16
ChannelB67	CHANNEL	0.794	0	12:08	0.89	0.04	0.40
ChannelB71	CHANNEL	1.173	0	12:11	0.51	0.01	0.17
ChannelB73	CHANNEL	1.030	0	12:10	0.72	0.02	0.21
ChannelB8	CHANNEL	0.351	0	12:03	0.20	0.07	0.61
ChannelB82	CHANNEL	1.127	0	12:11	0.86	0.01	0.18
ChannelB84	CHANNEL	0.149	0	12:00	0.29	0.01	0.29
ChannelC103	CONDUIT	0.152	0	14:43	0.36	0.44	0.69
ChannelC105	CHANNEL	0.151	0	12:05	0.13	0.06	0.69
ChannelC107	CHANNEL	0.184	0	12:08	0.12	0.02	0.68
ChannelC109	CHANNEL	0.225	0	12:00	0.21	0.03	0.95
ChannelC113	CHANNEL	0.484	0	12:07	0.27	0.02	0.48
ChannelC125	CONDUIT	0.265	0	12:04	0.48	0.62	0.56
ChannelC127	CONDUIT	0.149	0	12:00	0.16	0.28	0.71
ChannelC131	CONDUIT	0.118	0	12:00	0.25	0.27	0.65
ChannelC134	CHANNEL	0.367	0	12:23	0.55	0.06	0.85
ChannelC136	CONDUIT	0.216	0	12:03	0.37	0.15	0.51
ChannelC142	CONDUIT	0.285	0	14:53	0.80	0.33	0.45
ChannelC144	CHANNEL	0.602	0	12:12	0.18	0.01	0.45
ChannelC146	CHANNEL	0.446	0	15:25	0.61	0.03	0.50
ChannelC148	CHANNEL	0.164	0	12:00	1.19	0.01	0.21
ChannelC151	CHANNEL	0.204	0	12:00	0.42	0.01	0.36
ChannelC153	CONDUIT	0.196	0	12:00	0.46	1.35	1.00
ChannelC154	CHANNEL	0.330	0	12:06	0.52	0.02	0.25
ChannelC155	CHANNEL	0.518	0	12:11	1.14	0.01	0.30
ChannelC156	CONDUIT	0.276	0	13:06	0.54	0.27	0.43
ChannelC157	CHANNEL	0.723	0	12:03	0.11	0.05	1.00
ChannelC161	CONDUIT	0.144	0	17:04	0.43	0.56	0.58
ChannelC163	CHANNEL	0.425	0	15:31	0.50	0.00	0.27
ChannelC18	CONDUIT	0.320	0	12:00	0.82	0.53	0.52
ChannelC1B2A2B1B05	CHANNEL	0.217	0	11:58	0.75	0.00	0.37
ChannelC1B2A2B1B06	CHANNEL	0.268	0	12:02	0.38	0.00	0.18
ChannelC1B2A2B1B07	CHANNEL	0.214	0	12:00	2.98	0.00	0.09

Channel1C1B2A2B1B08	CONDUIT	0.117	0	14:06	0.70	0.11	0.18
Channel1C25	CHANNEL	0.244	0	12:01	0.19	0.03	0.26
Channel1C29	CHANNEL	0.186	0	12:01	0.96	0.00	0.41
Channel1C34	CONDUIT	0.108	0	12:57	0.48	0.30	0.30
Channel1C41	CHANNEL	0.319	0	12:07	0.15	0.03	0.63
Channel1C45	CHANNEL	0.156	0	12:03	0.09	0.00	0.28
Channel1C49	CONDUIT	0.161	0	12:43	0.44	0.35	0.62
Channel1C51	CONDUIT	0.146	0	12:00	0.43	0.68	0.64
Channel1C60	CHANNEL	0.145	0	12:02	0.36	0.00	0.18
Channel1C65	CHANNEL	0.186	0	12:45	0.14	0.01	0.90
Channel1C75	CONDUIT	0.194	0	13:09	0.48	0.92	0.58
Channel1C80	CHANNEL	0.126	0	12:00	0.24	0.00	0.11
Channel1C91_1	CONDUIT	0.184	0	12:00	0.27	1.24	0.98
Channel1C91_2	CONDUIT	0.178	0	12:15	0.31	1.18	0.92
Channel1C96	CHANNEL	0.149	0	14:19	0.05	0.00	0.49

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Flow Classification Summary
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Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
Channel1A101	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.87	0.00
Channel1A111	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Channel1A117	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07	0.00
Channel1A120	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.33	0.00
Channel1A122	1.00	0.00	0.00	0.00	0.75	0.25	0.00	0.00	0.31	0.00
Channel1A129	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.62	0.00
Channel1A138	1.00	0.00	0.00	0.00	0.12	0.88	0.00	0.00	0.11	0.00
Channel1A140	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.52	0.00
Channel1A158	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
Channel1A159	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
Channel1A89	1.00	0.00	0.32	0.00	0.68	0.00	0.00	0.00	0.00	0.00
Channel1A93	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
Channel1A99	1.00	0.00	0.00	0.00	0.91	0.09	0.00	0.00	0.96	0.00
Channel1B	1.00	0.00	0.00	0.00	0.63	0.37	0.00	0.00	0.19	0.00

ChannelB12	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.46
0.00									
ChannelB14	1.00	0.00	0.00	0.00	0.79	0.21	0.00	0.00	0.09
0.00									
ChannelB152	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92
0.00									
ChannelB16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96
0.00									
ChannelB160	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.73
0.00									
ChannelB162	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.47
0.00									
ChannelB20	1.00	0.00	0.01	0.00	0.76	0.23	0.00	0.00	0.79
0.00									
ChannelB22	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.58
0.00									
ChannelB2212	1.00	0.00	0.00	0.00	0.04	0.96	0.00	0.00	0.00
0.00									
ChannelB27	1.00	0.00	0.00	0.00	0.45	0.55	0.00	0.00	0.00
0.00									
ChannelB32	1.00	0.00	0.00	0.00	0.73	0.27	0.00	0.00	0.86
0.00									
ChannelB36	1.00	0.00	0.00	0.00	0.93	0.07	0.00	0.00	0.00
0.00									
ChannelB38	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.98
0.00									
ChannelB4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.39
0.00									
ChannelB47	1.00	0.00	0.00	0.00	0.91	0.09	0.00	0.00	0.92
0.00									
ChannelB53	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	1.00
0.00									
ChannelB56	1.00	0.00	0.00	0.00	0.87	0.13	0.00	0.00	0.00
0.00									
ChannelB62	1.00	0.00	0.00	0.00	0.38	0.62	0.00	0.00	0.09
0.00									
ChannelB67	1.00	0.00	0.00	0.00	0.86	0.14	0.00	0.00	0.00
0.00									
ChannelB71	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.85
0.00									
ChannelB73	1.00	0.00	0.00	0.00	0.97	0.02	0.00	0.00	0.00
0.00									
ChannelB8	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
0.00									
ChannelB82	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93
0.00									
ChannelB84	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.85
0.00									
ChannelC103	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.59
0.00									
ChannelC105	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.89
0.00									
ChannelC107	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
0.00									
ChannelC109	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.39
0.00									
ChannelC113	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.76
0.00									
ChannelC125	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.51
0.00									

Channel127	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.47
0.00									
Channel131	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.42
0.00									
Channel134	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01
0.00									
Channel136	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.14
0.00									
Channel142	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.43
0.00									
Channel144	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.40
0.00									
Channel146	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.93
0.00									
Channel148	1.00	0.00	0.00	0.00	0.38	0.62	0.00	0.00	0.00
0.00									
Channel151	1.00	0.00	0.00	0.00	0.96	0.03	0.00	0.00	0.96
0.00									
Channel153	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.12
0.00									
Channel154	1.00	0.00	0.00	0.00	0.85	0.15	0.00	0.00	0.05
0.00									
Channel155	1.00	0.00	0.00	0.00	0.47	0.53	0.00	0.00	0.37
0.00									
Channel156	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.61
0.00									
Channel157	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.50
0.00									
Channel161	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.12
0.00									
Channel163	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
0.00									
Channel18	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.44
0.00									
Channel1B2A2B1B05	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.11
0.00									
Channel1B2A2B1B06	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.57
0.00									
Channel1B2A2B1B07	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.87
0.00									
Channel1B2A2B1B08	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04
0.00									
Channel25	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
0.00									
Channel29	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.41
0.00									
Channel34	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
0.00									
Channel41	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93
0.00									
Channel45	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.58
0.00									
Channel49	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.71
0.00									
Channel51	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.29
0.00									
Channel60	1.00	0.00	0.00	0.00	0.95	0.05	0.00	0.00	0.88
0.00									
Channel65	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.38
0.00									

Channel C75	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Channel C80	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
Channel C91_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Channel C91_2	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.07	0.00
Channel C96	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.41	0.00

****
Conduit Surcharge Summary
****

Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
Channel C105	0.01	0.01	5.68	0.01	0.01
Channel C107	0.01	0.01	11.51	0.01	0.01
Channel C109	0.01	0.01	5.12	0.01	0.01
Channel C153	2.09	2.24	2.18	2.38	1.81
Channel C157	0.01	0.01	11.96	0.01	0.01
Channel C91_1	0.01	0.01	0.01	4.61	0.01
Channel C91_2	0.01	0.01	0.01	4.47	0.01

Analysis begun on: Fri May 2 14:18:18 2025
Analysis ended on: Fri May 2 14:18:24 2025
Total elapsed time: 00:00:06

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

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.2 (Build 5.2.4)

****
Element Count
****
Number of rain gages 12
Number of subcatchments ... 103
Number of nodes 156
Number of links 79
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
SCS_Type_II_12h-100_93.8mm	SCS_Type_II_93.8mm	INTENSITY	6 min.
SCS_Type_II_12h-10y_65.3mm	SCS_Type_II_65.3mm	INTENSITY	6 min.
SCS_Type_II_12h-25y_76.9mm	SCS_Type_II_76.9mm	INTENSITY	6 min.
SCS_Type_II_12h-2y_42.3mm	SCS_Type_II_42.3mm	INTENSITY	6 min.
SCS_Type_II_12h-50y_85.4mm	SCS_Type_II_85.4mm	INTENSITY	6 min.
SCS_Type_II_12h-5y_56.2mm	SCS_Type_II_56.2mm	INTENSITY	6 min.
SCS_Type_II_24h-100y_115.6mm	SCS_Type_II_115.6mm	INTENSITY	15 min.
SCS_Type_II_24h-10y_80.4mm	SCS_Type_II_80.4mm	INTENSITY	15 min.
SCS_Type_II_24h-25y_94.7mm	SCS_Type_II_94.7mm	INTENSITY	15 min.
SCS_Type_II_24h-2y_52.1mm	SCS_Type_II_52.1mm	INTENSITY	15 min.
SCS_Type_II_24h-50y_105.2mm	SCS_Type_II_105.2mm	INTENSITY	15 min.
SCS_Type_II_24h-5y_69.2mm	SCS_Type_II_69.2mm	INTENSITY	15 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
SubA	0.36	74.65	4.00	11.9180	SCS_Type_II_24h-2y_52.1mm	Outfall_A
SubA101_1	1.52	101.71	4.00	1.7720	SCS_Type_II_24h-2y_52.1mm	J101
SubA101_2	1.41	87.27	4.00	1.8170	SCS_Type_II_24h-2y_52.1mm	J101
SubA111_1	1.47	85.80	4.00	1.5410	SCS_Type_II_24h-2y_52.1mm	J111
SubA111_2	0.68	66.41	4.00	1.3710	SCS_Type_II_24h-2y_52.1mm	J111
SubA117	0.94	77.69	4.00	1.9620	SCS_Type_II_24h-2y_52.1mm	J117
SubA120	0.63	85.88	4.00	3.2070	SCS_Type_II_24h-2y_52.1mm	J120
SubA122	0.91	104.34	4.00	1.5960	SCS_Type_II_24h-	

SubA129	1.37	256.62	4.00	2.5410	SCS_Type_II_24h-2y_52.1mm J129
SubA138_1	0.87	58.68	4.00	1.5280	SCS_Type_II_24h-2y_52.1mm J138
SubA138_2	1.23	166.75	4.00	1.3560	SCS_Type_II_24h-2y_52.1mm J138
SubA140	1.13	129.75	4.00	2.1330	SCS_Type_II_24h-2y_52.1mm J140
SubA158	0.75	98.03	4.00	3.3510	SCS_Type_II_24h-2y_52.1mm J158
SubA159	0.53	63.33	4.00	1.7290	SCS_Type_II_24h-2y_52.1mm J159
SubA89_1	1.60	105.67	4.00	4.2130	SCS_Type_II_24h-2y_52.1mm J89
SubA89_2	0.79	129.28	4.00	4.0190	SCS_Type_II_24h-2y_52.1mm J89
SubA93	1.13	146.84	4.00	2.0020	SCS_Type_II_24h-2y_52.1mm J93
SubA99	1.26	154.12	4.00	2.5540	SCS_Type_II_24h-2y_52.1mm J99
SubB	0.48	97.84	4.00	5.9600	SCS_Type_II_24h-2y_52.1mm JX
SubB_1	1.05	48.36	4.00	6.6550	SCS_Type_II_24h-2y_52.1mm Outfall_B
SubB_2	0.51	64.50	4.00	5.5410	SCS_Type_II_24h-2y_52.1mm Outfall_B
SubB12_1	1.39	78.85	4.00	3.3430	SCS_Type_II_24h-2y_52.1mm J12
SubB12_2	1.16	94.23	4.00	3.5680	SCS_Type_II_24h-2y_52.1mm J12
SubB14	1.95	150.58	4.00	4.4650	SCS_Type_II_24h-2y_52.1mm J14
SubB152	0.62	84.68	4.00	2.2500	SCS_Type_II_24h-2y_52.1mm J152
SubB16_1	0.92	86.59	4.00	3.1880	SCS_Type_II_24h-2y_52.1mm J16
SubB16_2	0.76	138.76	4.00	2.4740	SCS_Type_II_24h-2y_52.1mm J16
SubB160_1	1.31	196.77	4.00	5.0900	SCS_Type_II_24h-2y_52.1mm J160
SubB160_2	0.70	195.40	4.00	3.3550	SCS_Type_II_24h-2y_52.1mm J160
SubB162	0.41	139.80	4.00	6.9770	SCS_Type_II_24h-2y_52.1mm J162
SubB2	1.22	105.91	4.00	4.3680	SCS_Type_II_24h-2y_52.1mm J21212
SubB20	0.50	32.17	4.00	9.5800	SCS_Type_II_24h-2y_52.1mm J20
SubB22	1.10	86.66	4.00	3.5800	SCS_Type_II_24h-2y_52.1mm J22
SubB27_1	1.09	70.45	4.00	4.0900	SCS_Type_II_24h-2y_52.1mm J27
SubB27_2	0.64	37.96	4.00	4.5410	SCS_Type_II_24h-2y_52.1mm J27
SubB27_3	1.35	220.65	4.00	2.9940	SCS_Type_II_24h-2y_52.1mm J27
SubB32	1.70	108.49	4.00	2.9790	SCS_Type_II_24h-2y_52.1mm J32
SubB36	0.50	63.96	4.00	4.6160	SCS_Type_II_24h-2y_52.1mm J36

SubB38	1.45	119.14	4.00	3.2150	SCS_Type_II_24h-2y_52.1mm J38
SubB4	1.36	103.27	4.00	4.5830	SCS_Type_II_24h-2y_52.1mm J4
SubB47	1.14	115.47	4.00	3.0280	SCS_Type_II_24h-2y_52.1mm J47
SubB53	1.07	106.49	4.00	3.8380	SCS_Type_II_24h-2y_52.1mm J53
SubB56_1	1.48	216.72	4.00	3.2540	SCS_Type_II_24h-2y_52.1mm J56
SubB56_2	1.38	127.97	4.00	2.2930	SCS_Type_II_24h-2y_52.1mm J56
SubB62	0.53	72.56	4.00	2.8470	SCS_Type_II_24h-2y_52.1mm J62
SubB67	1.47	97.21	4.00	3.6540	SCS_Type_II_24h-2y_52.1mm J67
SubB71	0.59	73.33	4.00	2.6210	SCS_Type_II_24h-2y_52.1mm J71
SubB73	1.12	104.86	4.00	2.0770	SCS_Type_II_24h-2y_52.1mm J73
SubB8	1.86	119.11	4.00	5.9580	SCS_Type_II_24h-2y_52.1mm J8
SubB82_1	0.53	108.73	4.00	2.4460	SCS_Type_II_24h-2y_52.1mm J82
SubB82_2	0.70	67.55	4.00	1.7110	SCS_Type_II_24h-2y_52.1mm J82
SubB84	1.39	122.94	4.00	1.6110	SCS_Type_II_24h-2y_52.1mm J84
SubC	0.66	97.81	4.00	4.7720	SCS_Type_II_24h-2y_52.1mm Outfall_C
SubC103	0.49	93.95	4.00	5.1810	SCS_Type_II_24h-2y_52.1mm J103
SubC105_1	0.76	94.39	4.00	2.0430	SCS_Type_II_24h-2y_52.1mm J105
SubC105_2	0.72	76.06	4.00	2.5530	SCS_Type_II_24h-2y_52.1mm J105
SubC107	1.03	109.15	4.00	6.2890	SCS_Type_II_24h-2y_52.1mm J107
SubC109_1	1.00	84.33	4.00	2.6180	SCS_Type_II_24h-2y_52.1mm J109
SubC109_2	0.82	75.47	4.00	2.5730	SCS_Type_II_24h-2y_52.1mm J109
SubC113	1.64	170.02	4.00	3.1040	SCS_Type_II_24h-2y_52.1mm J113
SubC125	0.45	67.09	4.00	1.5690	SCS_Type_II_24h-2y_52.1mm J125
SubC127	0.47	58.48	4.00	1.6130	SCS_Type_II_24h-2y_52.1mm J127
SubC131	0.75	107.71	4.00	2.5700	SCS_Type_II_24h-2y_52.1mm J131
SubC134	1.28	89.48	4.00	4.8530	SCS_Type_II_24h-2y_52.1mm J134
SubC136	1.07	66.36	4.00	1.5400	SCS_Type_II_24h-2y_52.1mm J136
SubC142_1	1.31	129.15	4.00	3.4560	SCS_Type_II_24h-2y_52.1mm J142
SubC142_2	0.51	64.75	4.00	3.0790	SCS_Type_II_24h-2y_52.1mm J142
SubC144_1	1.05	185.68	4.00	1.5220	SCS_Type_II_24h-2y_52.1mm J144

SubC144_2	2.27	114.70	4.00	1.7340	SCS_Type_II_24h-2y_52.1mm J144
SubC146	2.55	146.19	4.00	3.4870	SCS_Type_II_24h-2y_52.1mm J146
SubC148	1.35	86.95	4.00	2.9140	SCS_Type_II_24h-2y_52.1mm J148
SubC151	0.41	36.87	4.00	2.7500	SCS_Type_II_24h-2y_52.1mm J151
SubC153	0.09	73.63	4.00	3.9380	SCS_Type_II_24h-2y_52.1mm J153
SubC154	0.81	99.40	4.00	4.4260	SCS_Type_II_24h-2y_52.1mm J154
SubC155	0.69	121.84	4.00	3.5400	SCS_Type_II_24h-2y_52.1mm J155
SubC156_1	1.31	107.53	4.00	1.5390	SCS_Type_II_24h-2y_52.1mm J156
SubC156_2	0.52	58.84	4.00	4.4790	SCS_Type_II_24h-2y_52.1mm J156
SubC157	1.03	167.22	4.00	2.5410	SCS_Type_II_24h-2y_52.1mm J157
SubC161	0.63	200.92	4.00	2.9690	SCS_Type_II_24h-2y_52.1mm J161
SubC163	0.46	126.46	4.00	4.5700	SCS_Type_II_24h-2y_52.1mm J163
SubC18_1	1.02	84.88	4.00	3.5410	SCS_Type_II_24h-2y_52.1mm J18
SubC18_2	1.37	81.05	4.00	5.7670	SCS_Type_II_24h-2y_52.1mm J18
SubC1B2A2B1B05	0.62	78.59	4.00	5.3810	SCS_Type_II_24h-2y_52.1mm Existing-Node-C1B2A2B1B05
SubC1B2A2B1B06	0.53	61.02	4.00	3.5870	SCS_Type_II_24h-2y_52.1mm Existing-Node-C1B2A2B1B06
SubC1B2A2B1B07	1.66	85.98	4.00	4.7280	SCS_Type_II_24h-2y_52.1mm Existing-Node-C1B2A2B1B07
SubC1B2A2B1B08_1	0.99	103.10	4.00	3.5280	SCS_Type_II_24h-2y_52.1mm Existing-Node-C1B2A2B1B08
SubC1B2A2B1B08_2	0.90	65.27	4.00	3.1820	SCS_Type_II_24h-2y_52.1mm Existing-Node-C1B2A2B1B08
SubC25_1	0.76	62.35	4.00	3.7670	SCS_Type_II_24h-2y_52.1mm J25
SubC25_2	1.08	97.71	4.00	7.0300	SCS_Type_II_24h-2y_52.1mm J25
SubC29	0.49	57.77	4.00	4.4680	SCS_Type_II_24h-2y_52.1mm J29
SubC34	0.62	88.44	4.00	4.1350	SCS_Type_II_24h-2y_52.1mm J34
SubC41	1.47	96.79	4.00	3.1800	SCS_Type_II_24h-2y_52.1mm J41
SubC45	0.76	243.67	4.00	3.5560	SCS_Type_II_24h-2y_52.1mm J45
SubC49_1	1.40	84.31	4.00	3.1120	SCS_Type_II_24h-2y_52.1mm J49
SubC49_2	0.68	83.93	4.00	3.2070	SCS_Type_II_24h-2y_52.1mm J49
SubC51	0.91	93.25	4.00	4.3470	SCS_Type_II_24h-2y_52.1mm J51
SubC60_1	0.51	50.14	4.00	3.3360	SCS_Type_II_24h-2y_52.1mm J60
SubC60_2	0.56	53.51	4.00	5.8480	SCS_Type_II_24h-2y_52.1mm J60

SubC65	0.40	62.09	4.00	3.4560	SCS_Type_II_24h-2y_52.1mm J65
SubC75	0.70	101.51	4.00	3.4480	SCS_Type_II_24h-2y_52.1mm J75
SubC80	0.82	88.19	4.00	6.6010	SCS_Type_II_24h-2y_52.1mm J80
SubC91	1.10	65.98	4.00	4.5470	SCS_Type_II_24h-2y_52.1mm Existing-Node-C1B2A2B1B1
SubC96	0.88	77.17	4.00	4.3920	SCS_Type_II_24h-2y_52.1mm J96

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Node Summary
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Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
Existing-Node-A1	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2A1	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2A2	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2B1	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2B2	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2B3	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2B4	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2B5	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2B5A1	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2B5B1	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2B5B2	JUNCTION	0.00	0.00	0.0	
Existing-Node-A2B5B3	JUNCTION	0.00	0.00	0.0	
Existing-Node-B1	JUNCTION	0.00	0.00	0.0	
Existing-Node-B3	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4A1	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4A1A1	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4A1A2	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4A1A3	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4A1A4	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4A1B1	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4A1B2	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4A1B3	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B1	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B2	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B3	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B4	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B5	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B6	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B6A1	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B6A2	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B6A3	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B6A4	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B6A5	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B6A6	JUNCTION	0.00	0.00	0.0	
Existing-Node-B4B6B1	JUNCTION	0.00	0.00	0.0	
Existing-Node-C1	JUNCTION	0.00	0.00	0.0	
Existing-Node-C1A1	JUNCTION	0.00	0.00	0.0	

Existing-Node-C1A2	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2A1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2A2	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2A3	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2A4	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1A1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1B01	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1B02	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1B03	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1B05	JUNCTION	95.15	0.71	0.0
Existing-Node-C1B2A2B1B06	JUNCTION	95.21	0.75	0.0
Existing-Node-C1B2A2B1B07	JUNCTION	95.29	0.76	0.0
Existing-Node-C1B2A2B1B08	JUNCTION	95.31	0.76	0.0
Existing-Node-C1B2A2B1B09	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1B1	JUNCTION	94.93	0.41	0.0
Existing-Node-C1B2A2B1B10	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1B11	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1B12	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2A2B1B13	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1A1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1A2	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1A3	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1A1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B2	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B2A1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B2B1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B2B2	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B2B3	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B2B3A1	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B2B3A2	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B2B3A3	JUNCTION	0.00	0.00	0.0
Existing-Node-C1B2B1B1B2B3B1	JUNCTION	0.00	0.00	0.0
J1	JUNCTION	94.92	0.39	0.0
J101	JUNCTION	94.92	0.18	0.0
J103	JUNCTION	95.04	0.55	0.0
J105	JUNCTION	95.18	0.32	0.0
J107	JUNCTION	94.98	0.68	0.0
J109	JUNCTION	94.73	0.25	0.0
J111	JUNCTION	94.72	0.78	0.0
J113	JUNCTION	94.86	0.30	0.0
J117	JUNCTION	94.09	0.98	0.0
J12	JUNCTION	95.76	0.27	0.0
J120	JUNCTION	94.12	0.98	0.0
J122	JUNCTION	94.53	0.71	0.0
J125	JUNCTION	94.85	1.15	0.0
J127	JUNCTION	94.87	0.63	0.0
J129	JUNCTION	94.27	0.77	0.0
J131	JUNCTION	94.90	0.60	0.0
J134	JUNCTION	94.58	0.43	0.0

J136	JUNCTION	94.82	1.18	0.0
J138	JUNCTION	94.83	0.26	0.0
J14	JUNCTION	95.27	1.69	0.0
J140	JUNCTION	94.82	0.26	0.0
J142	JUNCTION	94.60	0.68	0.0
J144	JUNCTION	94.76	1.00	0.0
J146	JUNCTION	94.06	0.56	0.0
J148	JUNCTION	94.25	0.46	0.0
J151	JUNCTION	94.22	0.46	0.0
J152	JUNCTION	94.80	0.73	0.0
J153	JUNCTION	95.29	0.71	0.0
J154	JUNCTION	95.21	0.47	0.0
J155	JUNCTION	93.81	0.69	0.0
J156	JUNCTION	94.88	1.12	0.0
J157	JUNCTION	94.70	0.26	0.0
J158	JUNCTION	93.93	1.10	0.0
J159	JUNCTION	94.71	0.79	0.0
J16	JUNCTION	94.82	1.22	0.0
J160	JUNCTION	94.07	1.84	0.0
J161	JUNCTION	94.57	0.40	0.0
J162	JUNCTION	93.96	2.12	0.0
J163	JUNCTION	94.45	0.55	0.0
J18	JUNCTION	95.57	0.50	0.0
J20	JUNCTION	95.09	1.50	0.0
J21212	JUNCTION	96.40	1.69	0.0
J22	JUNCTION	94.66	1.22	0.0
J25	JUNCTION	95.54	0.33	0.0
J27	JUNCTION	95.66	0.27	0.0
J29	JUNCTION	95.48	0.57	0.0
J32	JUNCTION	94.94	1.15	0.0
J34	JUNCTION	95.45	0.57	0.0
J36	JUNCTION	95.08	0.73	0.0
J38	JUNCTION	95.28	0.61	0.0
J4	JUNCTION	96.14	0.86	0.0
J41	JUNCTION	95.53	0.33	0.0
J45	JUNCTION	95.43	0.60	0.0
J47	JUNCTION	94.37	1.11	0.0
J49	JUNCTION	95.36	0.64	0.0
J51	JUNCTION	95.30	0.70	0.0
J53	JUNCTION	95.20	0.40	0.0
J56	JUNCTION	93.90	2.11	0.0
J60	JUNCTION	95.34	0.47	0.0
J62	JUNCTION	94.55	1.11	0.0
J65	JUNCTION	95.27	0.30	0.0
J67	JUNCTION	94.97	0.38	0.0
J71	JUNCTION	94.59	1.05	0.0
J73	JUNCTION	94.77	0.76	0.0
J75	JUNCTION	95.25	0.31	0.0
J8	JUNCTION	95.98	1.02	0.0
J80	JUNCTION	95.22	0.69	0.0
J82	JUNCTION	94.67	0.84	0.0
J84	JUNCTION	94.85	0.52	0.0
J89	JUNCTION	93.45	1.53	0.0
J93	JUNCTION	95.03	0.94	0.0
J96	JUNCTION	95.07	0.58	0.0
J99	JUNCTION	94.84	0.88	0.0
JX	JUNCTION	93.85	2.07	0.0

Outfall_A	OUTFALL	93.65	1.53	0.0	
Outfall_B	OUTFALL	93.81	1.71	0.0	
Outfall_C	OUTFALL	93.66	0.68	0.0	

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Link Summary
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Name	From Node	To Node	Type	Length	% Slope	Roughness
ChannelA101	J101	J138	CONDUIT	154.3	0.0583	0.0100
ChannelA111	J111	J159	CONDUIT	22.5	0.0444	0.0350
ChannelA117	J117	J158	CONDUIT	78.7	0.1981	0.0350
ChannelA120	J120	J117	CONDUIT	27.8	0.1224	0.0100
ChannelA122	J122	J129	CONDUIT	96.3	0.2700	0.0100
ChannelA129	J129	J120	CONDUIT	107.0	0.1401	0.0100
ChannelA138	J138	J140	CONDUIT	10.6	0.0944	0.0100
ChannelA140	J140	J159	CONDUIT	159.9	0.0688	0.0100
ChannelA158	J158	J89	CONDUIT	113.4	0.4234	0.0100
ChannelA159	J159	J122	CONDUIT	77.2	0.2331	0.0100
ChannelA89	J89	Outfall_A	CONDUIT	25.5	-0.7852	0.0100
ChannelA93	J93	J99	CONDUIT	147.8	0.1285	0.0100
ChannelA99	J99	J158	CONDUIT	130.7	0.6962	0.0100
ChannelB	JX	Outfall_B	CONDUIT	16.4	0.2256	0.0100
ChannelB12	J12	J27	CONDUIT	99.5	0.1005	0.0100
ChannelB14	J14	J20	CONDUIT	74.8	0.2407	0.0100
ChannelB152	J152	J73	CONDUIT	18.8	0.1599	0.0100
ChannelB16	J16	J22	CONDUIT	41.4	0.3867	0.0100
ChannelB160	J160	J162	CONDUIT	105.6	0.1042	0.0100
ChannelB162	J162	J56	CONDUIT	87.0	0.0690	0.0100
ChannelB20	J20	J16	CONDUIT	95.6	0.2824	0.0100
ChannelB22	J22	J160	CONDUIT	54.5	1.0822	0.0350
ChannelB2212	J21212	J14	CONDUIT	263.0	0.4296	0.0100
ChannelB27	J27	J53	CONDUIT	222.7	0.2065	0.0100

ChannelB32	J32	J160	CONDUIT	127.1	
0.6868	0.0100				
ChannelB36	J36	J32	CONDUIT	66.8	
0.2051	0.0100				
ChannelB38	J38	J36	CONDUIT	34.6	
0.5776	0.0100				
ChannelB4	J4	J8	CONDUIT	85.0	
0.1895	0.0350				
ChannelB47	J47	J162	CONDUIT	55.7	
0.7367	0.0100				
ChannelB53	J53	J67	CONDUIT	23.0	
1.0003	0.0100				
ChannelB56	J56	JX	CONDUIT	63.7	
0.0832	0.0100				
ChannelB62	J62	J47	CONDUIT	73.6	
0.2447	0.0100				
ChannelB67	J67	J152	CONDUIT	150.1	
0.1133	0.0100				
ChannelB71	J71	J62	CONDUIT	33.3	
0.1202	0.0100				
ChannelB73	J73	J82	CONDUIT	86.5	
0.1156	0.0100				
ChannelB8	J8	J12	CONDUIT	200.9	
0.1095	0.0100				
ChannelB82	J82	J71	CONDUIT	48.0	
0.1666	0.0100				
ChannelB84	J84	J152	CONDUIT	76.9	
0.0650	0.0100				
ChannelC103	J103	Existing-Node-C1B2A2B1B1	CONDUIT		62.1
0.1723	0.0350				
ChannelC105	J105	J156	CONDUIT	248.2	
0.1208	0.0100				
ChannelC107	J107	J134	CONDUIT	234.9	
0.1703	0.0100				
ChannelC109	J109	J157	CONDUIT	43.5	
0.0690	0.0100				
ChannelC113	J113	J157	CONDUIT	97.2	
0.1646	0.0100				
ChannelC125	J125	J144	CONDUIT	103.6	
0.0908	0.0350				
ChannelC127	J127	J136	CONDUIT	80.5	
0.0621	0.0350				
ChannelC131	J131	J127	CONDUIT	25.7	
0.1167	0.0350				
ChannelC134	J134	J161	CONDUIT	49.5	
0.0202	0.0100				
ChannelC136	J136	J125	CONDUIT	10.1	-
0.2970	0.0350				
ChannelC142	J142	J163	CONDUIT	48.4	
0.3102	0.0350				
ChannelC144	J144	J142	CONDUIT	203.5	
0.0767	0.0100				
ChannelC146	J146	J155	CONDUIT	103.7	
0.2411	0.0100				
ChannelC148	J148	J151	CONDUIT	16.6	
0.1810	0.0100				
ChannelC151	J151	J155	CONDUIT	66.2	
0.6196	0.0100				
ChannelC153	J153	J65	CONDUIT	22.4	
0.0757	0.0350				

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  ChannelC154      J154             J113             CONDUIT          204.5
0.1711    0.0100
  ChannelC155      J155             Outfall_C        CONDUIT           67.4
0.2226    0.0100
  ChannelC156      J156             J144             CONDUIT           55.0
0.2254    0.0350
  ChannelC157      J157             J161             CONDUIT           58.3
0.2230    0.0100
  ChannelC161      J161             J163             CONDUIT          124.5
0.0964    0.0350
  ChannelC163      J163             J146             CONDUIT          183.1
0.2130    0.0100
  ChannelC18       J18              J29              CONDUIT           42.2
0.2132    0.0350
  ChannelC1B2A2B1B05 Existing-Node-C1B2A2B1B05 J96              CONDUIT
100.6    0.0775    0.0100
  ChannelC1B2A2B1B06 Existing-Node-C1B2A2B1B06 Existing-Node-C1B2A2B1B05 CONDUIT
56.9    0.1055    0.0100
  ChannelC1B2A2B1B07 Existing-Node-C1B2A2B1B07 Existing-Node-C1B2A2B1B06 CONDUIT
54.0    0.1482    0.0100
  ChannelC1B2A2B1B08 Existing-Node-C1B2A2B1B08 Existing-Node-C1B2A2B1B07 CONDUIT
21.2    0.1130    0.0350
  ChannelC25       J25              J41              CONDUIT           77.6
0.0129    0.0100
  ChannelC29       J29              J34              CONDUIT           57.4
0.0523    0.0100
  ChannelC34       J34              J45              CONDUIT           35.3
0.0453    0.0350
  ChannelC41       J41              J49              CONDUIT          176.6
0.0962    0.0100
  ChannelC45       J45              Existing-Node-C1B2A2B1B08 CONDUIT
171.2    0.0701    0.0100
  ChannelC49       J49              J153             CONDUIT           23.5
0.3107    0.0350
  ChannelC51       J51              J153             CONDUIT           20.0
0.0649    0.0350
  ChannelC60       J60              J154             CONDUIT          150.6
0.0863    0.0100
  ChannelC65       J65              J75              CONDUIT           26.3
0.0874    0.0100
  ChannelC75       J75              J154             CONDUIT           58.7
0.0631    0.0350
  ChannelC80       J80              J107             CONDUIT          144.9
0.1657    0.0100
  ChannelC91_1     Existing-Node-C1B2A2B1B1 J1               CONDUIT          19.3
0.0310    0.0350
  ChannelC91_2     J1               J156             CONDUIT          139.0
0.0317    0.0350
  ChannelC96       J96              J103             CONDUIT           33.0
0.1061    0.0100


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  Cross Section Summary
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                                      Full     Full     Hyd.     Max.   No. of
Full
  Conduit          Shape              Depth    Area     Rad.     Width  Barrels
Flow
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ChannelA101	C14	0.18	10.46	0.10	104.91	1
5.41						
ChannelA111	TRAPEZOIDAL	0.40	1.12	0.30	3.60	1
0.30						
ChannelA117	TRAPEZOIDAL	0.90	2.52	0.50	4.60	1
2.02						
ChannelA120	C55	0.98	69.20	0.55	124.59	1
163.17						
ChannelA122	C46	0.71	47.71	0.35	137.79	1
123.07						
ChannelA129	C51	0.76	52.75	0.43	123.20	1
111.88						
ChannelA138	C30	0.26	9.59	0.09	111.41	1
5.95						
ChannelA140	C31	0.12	3.27	0.06	52.61	1
1.34						
ChannelA158	C62	1.10	50.08	0.44	114.63	1
189.41						
ChannelA159	C40	0.28	13.90	0.12	114.65	1
16.39						
ChannelA89	C65	1.53	110.45	0.79	138.51	1
835.73						
ChannelA93	C4	0.18	9.72	0.10	96.87	1
7.60						
ChannelA99	C22	0.80	39.08	0.31	124.58	1
150.11						
ChannelB	C9	1.71	111.43	1.11	102.12	1
565.87						
ChannelB12	C39	0.27	13.05	0.11	116.20	1
9.59						
ChannelB14	C33	1.50	131.89	1.17	111.99	1
716.60						
ChannelB152	C64	0.56	37.90	0.30	131.20	1
67.27						
ChannelB16	C45	1.22	79.07	0.72	109.30	1
394.05						
ChannelB160	C50	1.84	114.01	0.81	138.64	1
320.94						
ChannelB162	C74	2.09	176.02	1.05	166.45	1
476.73						
ChannelB20	C37	0.74	56.51	0.53	106.86	1
195.90						
ChannelB22	TRAPEZOIDAL	1.20	4.08	0.64	5.80	1
9.02						
ChannelB2212	C8	1.69	78.75	0.76	101.08	1
430.69						
ChannelB27	C78	0.23	11.22	0.11	102.15	1
11.64						
ChannelB32	C28	1.06	40.72	0.35	116.54	1
166.80						
ChannelB36	C20	0.73	29.73	0.28	103.85	1
58.32						
ChannelB38	C16	0.53	25.20	0.24	105.86	1
73.34						
ChannelB4	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1
0.37						
ChannelB47	C71	1.11	80.50	0.64	144.51	1
511.71						
ChannelB53	C58	0.38	23.62	0.19	120.66	1
79.31						

ChannelB56	C75	2.05	186.14	1.10	168.14	1
570.88						
ChannelB62	C70	1.11	78.30	0.55	142.07	1
258.71						
ChannelB67	C60	0.38	21.93	0.14	150.78	1
20.34						
ChannelB71	C69	1.05	65.56	0.48	134.75	1
139.98						
ChannelB73	C66	0.75	40.17	0.34	130.13	1
66.86						
ChannelB8	C27	0.17	8.02	0.08	99.08	1
5.00						
ChannelB82	C68	0.84	47.63	0.36	131.76	1
98.90						
ChannelB84	C3	0.38	17.20	0.13	127.00	1
11.52						
ChannelC103	TRAPEZOIDAL	0.40	0.72	0.26	2.60	1
0.35						
ChannelC105	C12	0.18	3.67	0.09	38.87	1
2.64						
ChannelC107	C26	0.23	11.88	0.10	114.51	1
10.78						
ChannelC109	C17	0.19	12.72	0.10	122.92	1
7.35						
ChannelC113	C52	0.26	21.69	0.16	133.21	1
26.15						
ChannelC125	TRAPEZOIDAL	0.40	1.12	0.30	3.60	1
0.43						
ChannelC127	TRAPEZOIDAL	0.50	1.50	0.35	4.00	1
0.53						
ChannelC131	TRAPEZOIDAL	0.50	1.00	0.31	3.00	1
0.45						
ChannelC134	C41	0.39	14.90	0.14	105.39	1
5.72						
ChannelC136	TRAPEZOIDAL	0.70	1.68	0.41	3.80	1
1.44						
ChannelC142	TRAPEZOIDAL	0.54	1.12	0.33	3.16	1
0.85						
ChannelC144	C67	0.61	53.72	0.37	142.92	1
77.21						
ChannelC146	C76	0.36	12.34	0.13	102.08	1
15.24						
ChannelC148	C7	0.45	17.45	0.17	104.30	1
22.47						
ChannelC151	C11	0.38	16.10	0.14	116.94	1
34.01						
ChannelC153	TRAPEZOIDAL	0.23	0.57	0.19	2.92	1
0.15						
ChannelC154	C43	0.29	14.52	0.13	110.36	1
15.47						
ChannelC155	C77	0.68	42.34	0.21	204.48	1
69.87						
ChannelC156	TRAPEZOIDAL	0.50	1.50	0.35	4.00	1
1.02						
ChannelC157	C57	0.21	13.88	0.11	129.25	1
14.77						
ChannelC161	TRAPEZOIDAL	0.40	0.72	0.26	2.60	1
0.26						
ChannelC163	C73	0.54	61.49	0.32	188.39	1
134.18						

Channel1C18	TRAPEZOIDAL	0.50	1.00	0.31	3.00	1	0.60
Channel1C1B2A2B1B05	C49	0.51	40.75	0.33	121.63	1	54.41
Channel1C1B2A2B1B06	C48	0.69	64.87	0.54	118.04	1	140.47
Channel1C1B2A2B1B07	C44	0.75	66.46	0.52	125.49	1	166.40
Channel1C1B2A2B1B08	TRAPEZOIDAL	0.75	1.88	0.43	4.00	1	1.03
Channel1C25	C13	0.33	20.66	0.21	99.45	1	8.21
Channel1C29	C23	0.57	41.71	0.38	111.18	1	50.25
Channel1C34	TRAPEZOIDAL	0.57	1.22	0.34	3.28	1	0.36
Channel1C41	C19	0.24	12.92	0.12	105.74	1	10.00
Channel1C45	C32	0.57	46.70	0.40	115.43	1	67.30
Channel1C49	TRAPEZOIDAL	0.40	0.72	0.26	2.60	1	0.46
Channel1C51	TRAPEZOIDAL	0.40	0.72	0.26	2.60	1	0.21
Channel1C60	C10	0.47	25.91	0.32	80.45	1	35.54
Channel1C65	C36	0.30	22.34	0.20	113.53	1	22.25
Channel1C75	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1	0.21
Channel1C80	C6	0.68	54.09	0.54	100.34	1	145.57
Channel1C91_1	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1	0.15
Channel1C91_2	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1	0.15
Channel1C96	C53	0.51	38.93	0.32	120.46	1	59.38

****
Transect Summary
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Transect C10
Area:

0.0002	0.0006	0.0015	0.0026	0.0040	
0.0060	0.0085	0.0118	0.0156	0.0205	
0.0271	0.0363	0.0488	0.0644	0.0821	
0.1011	0.1212	0.1421	0.1638	0.1862	
0.2090	0.2326	0.2569	0.2823	0.3085	
0.3351	0.3621	0.3891	0.4161	0.4432	
0.4704	0.4976	0.5249	0.5522	0.5795	
0.6069	0.6344	0.6620	0.6897	0.7174	
0.7453	0.7732	0.8012	0.8293	0.8574	
0.8857	0.9140	0.9425	0.9711	1.0000	

Hrad:

0.0146	0.0292	0.0437	0.0624	0.0768
0.0883	0.0964	0.1037	0.1184	0.1292

0.1342 0.1331 0.1381 0.1415 0.1551
0.1695 0.1813 0.2023 0.2247 0.2474
0.2695 0.2900 0.3090 0.3156 0.3404
0.3630 0.3904 0.4184 0.4466 0.4748
0.5029 0.5309 0.5589 0.5868 0.6147
0.6419 0.6689 0.6959 0.7227 0.7495
0.7761 0.8027 0.8292 0.8555 0.8817
0.9077 0.9337 0.9588 0.9795 1.0000

Width:

0.0111 0.0223 0.0334 0.0437 0.0572
0.0774 0.0992 0.1235 0.1422 0.1999
0.2609 0.3815 0.4829 0.5909 0.6235
0.6771 0.7068 0.7382 0.7602 0.7792
0.7992 0.8245 0.8532 0.8976 0.9089
0.9256 0.9297 0.9321 0.9338 0.9356
0.9373 0.9390 0.9408 0.9425 0.9442
0.9468 0.9497 0.9525 0.9553 0.9582
0.9611 0.9640 0.9669 0.9698 0.9729
0.9761 0.9792 0.9831 0.9916 1.0000

Transect C11

Area:

0.0003 0.0011 0.0022 0.0033 0.0045
0.0057 0.0071 0.0084 0.0098 0.0113
0.0129 0.0145 0.0162 0.0180 0.0202
0.0232 0.0267 0.0309 0.0359 0.0423
0.0500 0.0594 0.0705 0.0821 0.0946
0.1075 0.1208 0.1348 0.1520 0.1725
0.1942 0.2171 0.2424 0.2723 0.3041
0.3376 0.3734 0.4117 0.4534 0.4976
0.5430 0.5897 0.6371 0.6858 0.7358
0.7867 0.8388 0.8921 0.9457 1.0000

Hrad:

0.0270 0.0606 0.1095 0.1561 0.2007
0.2435 0.2848 0.3249 0.3638 0.4017
0.4388 0.4725 0.5047 0.5365 0.5536
0.5549 0.5545 0.5527 0.5476 0.5345
0.5166 0.4809 0.4811 0.4967 0.5033
0.5182 0.5330 0.5158 0.5355 0.5544
0.5851 0.6136 0.6374 0.5642 0.5975
0.6312 0.6607 0.6650 0.6846 0.6391
0.6835 0.7294 0.7758 0.8189 0.8598
0.8991 0.8664 0.9059 0.9561 1.0000

Width:

0.0107 0.0187 0.0199 0.0210 0.0221
0.0232 0.0244 0.0255 0.0266 0.0278
0.0289 0.0302 0.0315 0.0329 0.0490
0.0599 0.0690 0.0837 0.1039 0.1290
0.1522 0.1952 0.2065 0.2209 0.2327
0.2386 0.2461 0.2750 0.3507 0.3861
0.4048 0.4374 0.5017 0.5637 0.5960
0.6338 0.6743 0.7263 0.7845 0.8189
0.8464 0.8596 0.8786 0.9046 0.9208
0.9396 0.9628 0.9764 0.9836 1.0000

Transect C12

Area:

0.0006 0.0025 0.0048 0.0074 0.0102
0.0134 0.0168 0.0207 0.0252 0.0312
0.0384 0.0462 0.0547 0.0639 0.0741
0.0856 0.0988 0.1136 0.1295 0.1463
0.1640 0.1824 0.2014 0.2209 0.2408
0.2619 0.2851 0.3102 0.3360 0.3620
0.3885 0.4155 0.4430 0.4712 0.4998
0.5288 0.5583 0.5881 0.6184 0.6491
0.6803 0.7118 0.7451 0.7805 0.8162
0.8524 0.8888 0.9254 0.9624 1.0000

Hrad:

0.0190 0.0426 0.0737 0.1024 0.1294
0.1550 0.1793 0.1858 0.1883 0.1724
0.1934 0.2144 0.2363 0.2519 0.2600
0.2751 0.2919 0.2794 0.2999 0.3222
0.3441 0.3684 0.3971 0.4256 0.4537
0.4758 0.4925 0.4611 0.4912 0.5245
0.5517 0.5775 0.6030 0.6298 0.6582
0.6864 0.7142 0.7418 0.7692 0.7964
0.8233 0.8500 0.8048 0.8326 0.8603
0.8918 0.9230 0.9541 0.9805 1.0000

Width:

0.0330 0.0576 0.0648 0.0719 0.0791
0.0862 0.0935 0.1112 0.1341 0.1808
0.1985 0.2157 0.2316 0.2535 0.2850
0.3249 0.3686 0.4064 0.4318 0.4541
0.4765 0.4951 0.5073 0.5191 0.5309
0.5851 0.6381 0.6728 0.6839 0.6902
0.7041 0.7194 0.7348 0.7481 0.7593
0.7704 0.7816 0.7928 0.8039 0.8151
0.8263 0.8374 0.9258 0.9374 0.9487
0.9558 0.9629 0.9700 0.9816 1.0000

Transect C13

Area:

0.0003 0.0010 0.0023 0.0041 0.0069
0.0102 0.0142 0.0189 0.0250 0.0327
0.0419 0.0529 0.0660 0.0814 0.0981
0.1153 0.1326 0.1508 0.1697 0.1891
0.2086 0.2287 0.2497 0.2712 0.2930
0.3153 0.3382 0.3617 0.3857 0.4103
0.4365 0.4639 0.4916 0.5198 0.5482
0.5769 0.6058 0.6349 0.6642 0.6937
0.7233 0.7531 0.7831 0.8132 0.8436
0.8743 0.9052 0.9366 0.9683 1.0000

Hrad:

0.0159 0.0331 0.0491 0.0592 0.0766
0.0974 0.1160 0.1325 0.1454 0.1548
0.1643 0.1716 0.1718 0.1725 0.1824
0.2127 0.2417 0.2618 0.2806 0.3096
0.3389 0.3645 0.3897 0.4156 0.4399
0.4644 0.4844 0.5106 0.5364 0.5614
0.5793 0.5672 0.5938 0.6196 0.6471
0.6726 0.6978 0.7249 0.7528 0.7806
0.8082 0.8358 0.8633 0.8897 0.9152
0.9405 0.9628 0.9408 0.9704 1.0000

Width:

0.0165 0.0314 0.0460 0.0735 0.0962
0.1143 0.1366 0.1668 0.2154 0.2682
0.3081 0.3806 0.4513 0.5101 0.5380
0.5421 0.5576 0.5807 0.6050 0.6108
0.6226 0.6473 0.6688 0.6821 0.6944
0.7062 0.7315 0.7483 0.7618 0.7949
0.8499 0.8657 0.8807 0.8925 0.8980
0.9058 0.9140 0.9198 0.9248 0.9298
0.9351 0.9405 0.9461 0.9528 0.9603
0.9680 0.9802 0.9956 0.9978 1.0000

Transect C14
Area:
0.0002 0.0010 0.0020 0.0037 0.0061
0.0090 0.0121 0.0155 0.0191 0.0229
0.0271 0.0319 0.0372 0.0427 0.0486
0.0568 0.0665 0.0772 0.0899 0.1035
0.1189 0.1365 0.1552 0.1746 0.1949
0.2165 0.2398 0.2650 0.2923 0.3224
0.3536 0.3852 0.4173 0.4500 0.4835
0.5172 0.5511 0.5850 0.6190 0.6531
0.6873 0.7216 0.7559 0.7903 0.8248
0.8595 0.8943 0.9292 0.9644 1.0000
Hrad:
0.0179 0.0381 0.0648 0.0787 0.0861
0.1061 0.1327 0.1585 0.1840 0.2087
0.2286 0.2225 0.2457 0.2685 0.2902
0.2890 0.3022 0.3129 0.3134 0.3265
0.3202 0.3343 0.3521 0.3716 0.3913
0.4022 0.4004 0.4150 0.4149 0.4128
0.4085 0.4398 0.4656 0.4929 0.5123
0.5467 0.5810 0.6152 0.6493 0.6835
0.7177 0.7518 0.7858 0.8189 0.8517
0.8843 0.9161 0.9478 0.9719 1.0000
Width:
0.0109 0.0262 0.0312 0.0558 0.0770
0.0846 0.0914 0.0978 0.1039 0.1099
0.1254 0.1435 0.1513 0.1592 0.1751
0.2591 0.2841 0.3344 0.3709 0.3960
0.4779 0.5091 0.5340 0.5532 0.5853
0.6264 0.6801 0.7316 0.8040 0.8651
0.8808 0.8890 0.9088 0.9249 0.9441
0.9465 0.9489 0.9513 0.9537 0.9558
0.9579 0.9601 0.9622 0.9652 0.9686
0.9720 0.9762 0.9805 0.9923 1.0000

Transect C16
Area:
0.0007 0.0023 0.0046 0.0085 0.0136
0.0202 0.0276 0.0352 0.0431 0.0510
0.0595 0.0686 0.0784 0.0886 0.0991
0.1098 0.1212 0.1328 0.1446 0.1566
0.1688 0.1811 0.1936 0.2064 0.2196
0.2329 0.2469 0.2626 0.2794 0.2972
0.3166 0.3373 0.3602 0.3861 0.4159
0.4481 0.4817 0.5167 0.5526 0.5894
0.6272 0.6657 0.7053 0.7454 0.7860

0.8271 0.8690 0.9119 0.9558 1.0000

Hrad:

0.0287 0.0515 0.0806 0.0942 0.1056
0.1263 0.1637 0.2044 0.2441 0.2830
0.3193 0.3527 0.3482 0.3841 0.4196
0.4544 0.4711 0.5080 0.5449 0.5814
0.6171 0.6524 0.6854 0.7136 0.7414
0.7720 0.8006 0.7739 0.7965 0.8217
0.8440 0.8593 0.8704 0.8620 0.7616
0.7749 0.7864 0.7017 0.7346 0.7563
0.7907 0.8230 0.8557 0.8881 0.9201
0.9517 0.9852 1.0145 0.9744 1.0000

Width:

0.0255 0.0446 0.0686 0.0990 0.1352
0.1601 0.1686 0.1724 0.1764 0.1819
0.1960 0.2099 0.2252 0.2308 0.2362
0.2481 0.2573 0.2615 0.2654 0.2694
0.2735 0.2776 0.2825 0.2893 0.2961
0.3017 0.3344 0.3625 0.3876 0.4174
0.4456 0.4874 0.5392 0.6184 0.6995
0.7338 0.7665 0.7951 0.8108 0.8364
0.8508 0.8736 0.8890 0.9008 0.9123
0.9261 0.9482 0.9674 0.9809 1.0000

Transect C17

Area:

0.0003 0.0007 0.0012 0.0018 0.0024
0.0032 0.0041 0.0054 0.0069 0.0090
0.0119 0.0153 0.0193 0.0243 0.0313
0.0397 0.0507 0.0637 0.0786 0.0953
0.1125 0.1309 0.1503 0.1709 0.1920
0.2139 0.2370 0.2617 0.2874 0.3144
0.3429 0.3726 0.4032 0.4344 0.4662
0.4986 0.5320 0.5667 0.6018 0.6372
0.6727 0.7083 0.7441 0.7801 0.8162
0.8526 0.8891 0.9259 0.9628 1.0000

Hrad:

0.0256 0.0544 0.0799 0.1035 0.1258
0.1474 0.1409 0.1528 0.1668 0.1734
0.1733 0.1828 0.1960 0.2042 0.2053
0.2056 0.1956 0.2063 0.2247 0.2467
0.2723 0.2978 0.3216 0.3488 0.3762
0.3953 0.4218 0.4460 0.4708 0.4891
0.5102 0.5218 0.5471 0.5754 0.6018
0.6273 0.6407 0.6124 0.6381 0.6735
0.7088 0.7429 0.7770 0.8106 0.8428
0.8754 0.9091 0.9421 0.9736 1.0000

Width:

0.0098 0.0122 0.0146 0.0170 0.0194
0.0218 0.0293 0.0350 0.0502 0.0636
0.0858 0.0982 0.1137 0.1619 0.2056
0.2603 0.3235 0.3691 0.4317 0.4508
0.4753 0.5000 0.5371 0.5565 0.5730
0.5968 0.6364 0.6754 0.7001 0.7432
0.7746 0.8056 0.8264 0.8385 0.8548
0.8744 0.9154 0.9300 0.9420 0.9449
0.9479 0.9522 0.9564 0.9610 0.9671

0.9725 0.9766 0.9815 0.9878 1.0000

Transect C19
Area:
0.0002 0.0006 0.0013 0.0026 0.0042
0.0061 0.0084 0.0109 0.0140 0.0180
0.0228 0.0283 0.0346 0.0413 0.0485
0.0561 0.0643 0.0731 0.0830 0.0937
0.1050 0.1172 0.1305 0.1449 0.1613
0.1794 0.1997 0.2228 0.2487 0.2763
0.3054 0.3357 0.3673 0.4002 0.4342
0.4690 0.5044 0.5402 0.5768 0.6137
0.6510 0.6887 0.7268 0.7653 0.8041
0.8431 0.8822 0.9213 0.9606 1.0000
Hrad:
0.0193 0.0406 0.0617 0.0663 0.0940
0.1231 0.1502 0.1760 0.1946 0.2080
0.2223 0.2304 0.2496 0.2700 0.2908
0.3116 0.3311 0.3501 0.3499 0.3711
0.3918 0.4108 0.4272 0.4407 0.4509
0.4637 0.4686 0.4571 0.4694 0.4838
0.4569 0.4796 0.4949 0.5173 0.5438
0.5431 0.5763 0.6089 0.6414 0.6739
0.7065 0.7386 0.7707 0.8007 0.8337
0.8561 0.8921 0.9281 0.9641 1.0000
Width:
0.0078 0.0146 0.0223 0.0381 0.0448
0.0528 0.0603 0.0674 0.0904 0.1121
0.1296 0.1545 0.1651 0.1760 0.1879
0.2000 0.2144 0.2302 0.2632 0.2778
0.2958 0.3248 0.3482 0.3877 0.4398
0.4775 0.5503 0.6196 0.6812 0.7190
0.7530 0.7862 0.8173 0.8507 0.8752
0.8900 0.9023 0.9196 0.9316 0.9410
0.9503 0.9607 0.9712 0.9815 0.9872
0.9898 0.9924 0.9949 0.9975 1.0000

Transect C20
Area:
0.0002 0.0006 0.0014 0.0024 0.0036
0.0048 0.0061 0.0075 0.0090 0.0113
0.0146 0.0184 0.0225 0.0270 0.0319
0.0372 0.0428 0.0492 0.0569 0.0656
0.0753 0.0859 0.0976 0.1104 0.1237
0.1397 0.1580 0.1785 0.2001 0.2235
0.2477 0.2725 0.2991 0.3284 0.3600
0.3930 0.4268 0.4622 0.5014 0.5431
0.5861 0.6294 0.6730 0.7169 0.7624
0.8089 0.8559 0.9032 0.9510 1.0000
Hrad:
0.0253 0.0506 0.0759 0.1080 0.1510
0.1920 0.2314 0.2694 0.3060 0.3104
0.3105 0.3198 0.3361 0.3513 0.3690
0.3886 0.4095 0.4264 0.4392 0.4478
0.4534 0.4651 0.3967 0.4330 0.4564
0.4235 0.4487 0.4298 0.4612 0.4750
0.5122 0.5484 0.5612 0.5527 0.5611

0.5963 0.6357 0.6659 0.6380 0.6414
0.6885 0.7352 0.7803 0.8236 0.8405
0.8748 0.9209 0.9639 1.0014 1.0000

Width:

0.0060 0.0120 0.0180 0.0224 0.0237
0.0251 0.0264 0.0277 0.0308 0.0598
0.0699 0.0781 0.0849 0.0923 0.1001
0.1077 0.1153 0.1412 0.1615 0.1815
0.2005 0.2182 0.2476 0.2558 0.2798
0.3339 0.3855 0.4169 0.4350 0.4702
0.4833 0.4967 0.5483 0.5964 0.6414
0.6590 0.6793 0.7222 0.7977 0.8465
0.8512 0.8559 0.8623 0.8776 0.9070
0.9246 0.9294 0.9369 0.9496 1.0000

Transect C22

Area:

0.0001 0.0003 0.0007 0.0013 0.0020
0.0029 0.0044 0.0072 0.0108 0.0147
0.0188 0.0231 0.0280 0.0334 0.0390
0.0448 0.0509 0.0572 0.0639 0.0721
0.0829 0.0946 0.1088 0.1249 0.1418
0.1597 0.1782 0.1971 0.2168 0.2376
0.2596 0.2828 0.3071 0.3320 0.3575
0.3837 0.4132 0.4493 0.4859 0.5247
0.5667 0.6115 0.6580 0.7051 0.7527
0.8010 0.8500 0.8995 0.9494 1.0000

Hrad:

0.0254 0.0508 0.0762 0.1016 0.1270
0.1489 0.1437 0.1068 0.1479 0.1887
0.2267 0.2587 0.2755 0.3082 0.3468
0.3844 0.4189 0.4508 0.4696 0.4853
0.4930 0.5085 0.5033 0.3886 0.4114
0.4471 0.4846 0.5218 0.5472 0.5658
0.5890 0.6036 0.6354 0.6705 0.7065
0.7267 0.5854 0.6330 0.6615 0.7026
0.7353 0.6880 0.7147 0.7603 0.7959
0.8395 0.8782 0.9229 0.9639 1.0000

Width:

0.0032 0.0064 0.0096 0.0128 0.0160
0.0196 0.0405 0.0677 0.0732 0.0777
0.0826 0.0893 0.1016 0.1082 0.1124
0.1165 0.1214 0.1267 0.1359 0.2001
0.2214 0.2455 0.3054 0.3211 0.3445
0.3570 0.3675 0.3776 0.3959 0.4197
0.4405 0.4684 0.4831 0.4950 0.5058
0.5279 0.7058 0.7096 0.7372 0.7990
0.8609 0.8917 0.9206 0.9274 0.9456
0.9542 0.9679 0.9747 0.9850 1.0000

Transect C23

Area:

0.0005 0.0023 0.0058 0.0104 0.0168
0.0252 0.0345 0.0451 0.0570 0.0702
0.0853 0.1023 0.1204 0.1395 0.1592
0.1797 0.2003 0.2210 0.2417 0.2625
0.2833 0.3041 0.3250 0.3459 0.3669

0.3880 0.4091 0.4303 0.4515 0.4728
0.4942 0.5157 0.5373 0.5594 0.5822
0.6061 0.6307 0.6559 0.6818 0.7088
0.7366 0.7649 0.7934 0.8223 0.8516
0.8811 0.9105 0.9401 0.9697 1.0000

Hrad:

0.0157 0.0259 0.0453 0.0648 0.0756
0.0967 0.1185 0.1388 0.1576 0.1723
0.1707 0.1868 0.1971 0.2235 0.2493
0.2605 0.2897 0.3189 0.3481 0.3771
0.4062 0.4351 0.4640 0.4925 0.5207
0.5488 0.5769 0.6048 0.6325 0.6601
0.6876 0.7150 0.7423 0.7686 0.7940
0.8171 0.8385 0.8594 0.8110 0.8283
0.8439 0.8656 0.8870 0.9072 0.8628
0.8910 0.9186 0.9461 0.9735 1.0000

Width:

0.0298 0.0997 0.1300 0.1685 0.2503
0.2908 0.3243 0.3628 0.4026 0.4555
0.5268 0.5776 0.6058 0.6365 0.6521
0.6736 0.6749 0.6763 0.6777 0.6790
0.6804 0.6817 0.6831 0.6849 0.6870
0.6890 0.6911 0.6932 0.6955 0.6978
0.7001 0.7024 0.7161 0.7315 0.7636
0.7940 0.8137 0.8329 0.8583 0.9001
0.9169 0.9276 0.9383 0.9527 0.9607
0.9623 0.9645 0.9668 0.9751 1.0000

Transect C26

Area:

0.0000 0.0002 0.0004 0.0006 0.0010
0.0015 0.0020 0.0026 0.0032 0.0039
0.0047 0.0061 0.0084 0.0112 0.0144
0.0184 0.0244 0.0324 0.0418 0.0531
0.0660 0.0803 0.0955 0.1118 0.1292
0.1479 0.1679 0.1898 0.2137 0.2386
0.2645 0.2920 0.3215 0.3532 0.3864
0.4213 0.4572 0.4941 0.5320 0.5712
0.6112 0.6521 0.6936 0.7357 0.7784
0.8221 0.8662 0.9106 0.9552 1.0000

Hrad:

0.0225 0.0450 0.0674 0.0899 0.1124
0.1349 0.1574 0.1861 0.2165 0.2458
0.2705 0.2616 0.2468 0.2465 0.2544
0.2617 0.2389 0.2452 0.2564 0.2674
0.2826 0.3009 0.3248 0.3503 0.3758
0.3959 0.4174 0.4238 0.4468 0.4703
0.4946 0.4930 0.5035 0.5196 0.5414
0.5710 0.6021 0.6247 0.6567 0.6829
0.7092 0.7400 0.7791 0.8178 0.8501
0.8474 0.8885 0.9282 0.9677 1.0000

Width:

0.0018 0.0036 0.0054 0.0072 0.0090
0.0108 0.0126 0.0138 0.0149 0.0159
0.0214 0.0436 0.0563 0.0660 0.0771
0.1012 0.1585 0.1952 0.2276 0.2734
0.2996 0.3289 0.3506 0.3748 0.3990

0.4308 0.4699 0.5140 0.5437 0.5660
0.5878 0.6333 0.6820 0.7253 0.7617
0.7886 0.8103 0.8327 0.8578 0.8834
0.8977 0.9188 0.9304 0.9410 0.9611
0.9809 0.9847 0.9898 0.9949 1.0000

Transect C27
Area:
0.0004 0.0013 0.0023 0.0035 0.0048
0.0062 0.0084 0.0113 0.0152 0.0197
0.0249 0.0313 0.0389 0.0470 0.0556
0.0646 0.0739 0.0836 0.0940 0.1050
0.1172 0.1306 0.1448 0.1601 0.1763
0.1934 0.2117 0.2313 0.2528 0.2766
0.3023 0.3297 0.3582 0.3891 0.4213
0.4553 0.4903 0.5261 0.5625 0.5993
0.6369 0.6756 0.7150 0.7549 0.7952
0.8357 0.8764 0.9174 0.9586 1.0000
Hrad:
0.0205 0.0536 0.0868 0.1175 0.1465
0.1740 0.1825 0.1764 0.1460 0.1751
0.1855 0.2083 0.2033 0.2324 0.2649
0.2988 0.3318 0.3633 0.3900 0.4130
0.4394 0.4400 0.4265 0.4581 0.4880
0.5167 0.5433 0.5663 0.5861 0.6034
0.6199 0.6384 0.6582 0.6676 0.6782
0.6787 0.6947 0.6951 0.7190 0.7456
0.7710 0.7947 0.7729 0.8074 0.8292
0.8665 0.9032 0.9397 0.9626 1.0000
Width:
0.0181 0.0238 0.0266 0.0294 0.0322
0.0371 0.0630 0.0805 0.1029 0.1146
0.1410 0.1678 0.1892 0.2028 0.2124
0.2200 0.2278 0.2420 0.2575 0.2779
0.3082 0.3331 0.3563 0.3800 0.3970
0.4282 0.4555 0.4947 0.5474 0.5966
0.6409 0.6751 0.7099 0.7595 0.7959
0.8323 0.8528 0.8698 0.8832 0.8949
0.9215 0.9408 0.9575 0.9662 0.9733
0.9782 0.9843 0.9907 0.9959 1.0000

Transect C28
Area:
0.0003 0.0014 0.0027 0.0042 0.0058
0.0076 0.0096 0.0117 0.0144 0.0176
0.0213 0.0253 0.0296 0.0343 0.0393
0.0447 0.0504 0.0565 0.0630 0.0698
0.0791 0.0906 0.1035 0.1178 0.1336
0.1506 0.1694 0.1900 0.2122 0.2354
0.2596 0.2845 0.3102 0.3367 0.3640
0.3923 0.4214 0.4511 0.4815 0.5126
0.5452 0.5788 0.6131 0.6525 0.7045
0.7611 0.8198 0.8794 0.9394 1.0000
Hrad:
0.0304 0.0667 0.1163 0.1619 0.2046
0.2453 0.2863 0.3236 0.3493 0.3717
0.3951 0.4202 0.4466 0.4713 0.4967

0.5230 0.5497 0.5760 0.6010 0.6242
0.6246 0.6185 0.5605 0.5794 0.5942
0.5920 0.5863 0.6026 0.5660 0.6035
0.6432 0.6856 0.7225 0.7613 0.7961
0.8307 0.8714 0.9143 0.9526 0.9899
1.0019 1.0373 1.0782 1.1019 1.0604
1.0496 0.8441 0.8947 0.9476 1.0000

Width:

0.0113 0.0204 0.0230 0.0256 0.0283
0.0309 0.0333 0.0396 0.0494 0.0563
0.0627 0.0685 0.0740 0.0799 0.0856
0.0913 0.0970 0.1030 0.1094 0.1256
0.1758 0.1998 0.2273 0.2471 0.2689
0.2936 0.3249 0.3507 0.3747 0.3900
0.4035 0.4149 0.4292 0.4422 0.4572
0.4722 0.4836 0.4934 0.5055 0.5226
0.5443 0.5582 0.5730 0.7674 0.9106
0.9556 0.9718 0.9832 0.9916 1.0000

Transect C3

Area:

0.0009 0.0024 0.0043 0.0063 0.0085
0.0107 0.0132 0.0158 0.0185 0.0213
0.0243 0.0275 0.0309 0.0343 0.0380
0.0418 0.0458 0.0499 0.0543 0.0597
0.0677 0.0777 0.0904 0.1076 0.1280
0.1502 0.1731 0.1966 0.2206 0.2451
0.2703 0.2961 0.3224 0.3494 0.3770
0.4052 0.4337 0.4627 0.4932 0.5254
0.5594 0.5962 0.6369 0.6839 0.7338
0.7850 0.8378 0.8910 0.9450 1.0000

Hrad:

0.0390 0.0764 0.1246 0.1699 0.2131
0.2543 0.2941 0.3341 0.3712 0.4055
0.4393 0.4724 0.5051 0.5374 0.5693
0.6009 0.6349 0.6678 0.6972 0.7143
0.7012 0.6698 0.6206 0.5881 0.5582
0.5476 0.5538 0.5676 0.5941 0.6233
0.6510 0.6831 0.7168 0.7372 0.7728
0.8095 0.8513 0.8938 0.9050 0.9380
0.9748 1.0046 1.0290 1.0022 1.0239
1.0506 0.9638 1.0095 1.0308 1.0000

Width:

0.0225 0.0321 0.0346 0.0372 0.0398
0.0423 0.0449 0.0472 0.0498 0.0526
0.0555 0.0583 0.0611 0.0640 0.0668
0.0696 0.0722 0.0748 0.0838 0.1213
0.1619 0.1982 0.2688 0.3435 0.3860
0.4054 0.4151 0.4256 0.4342 0.4439
0.4589 0.4669 0.4751 0.4900 0.4992
0.5083 0.5151 0.5243 0.5649 0.5881
0.6286 0.6854 0.7847 0.8772 0.9092
0.9284 0.9517 0.9560 0.9751 1.0000

Transect C30

Area:

0.0000 0.0001 0.0003 0.0005 0.0007

0.0010 0.0014 0.0018 0.0023 0.0028
0.0034 0.0041 0.0048 0.0055 0.0063
0.0071 0.0080 0.0089 0.0098 0.0107
0.0117 0.0136 0.0170 0.0212 0.0268
0.0360 0.0497 0.0662 0.0851 0.1052
0.1278 0.1531 0.1803 0.2097 0.2430
0.2785 0.3155 0.3555 0.3982 0.4442
0.4923 0.5424 0.5946 0.6489 0.7053
0.7627 0.8208 0.8797 0.9394 1.0000

Hrad:

0.0288 0.0576 0.0864 0.1153 0.1441
0.1729 0.2017 0.2305 0.2593 0.2882
0.3170 0.3458 0.3746 0.4141 0.4534
0.4919 0.5297 0.5667 0.6032 0.6391
0.6745 0.6508 0.5826 0.5334 0.4931
0.4260 0.3801 0.3621 0.3660 0.3878
0.4088 0.4330 0.4595 0.4833 0.4770
0.5094 0.5352 0.5617 0.5939 0.6244
0.6616 0.7001 0.7377 0.7545 0.7893
0.8329 0.8764 0.9211 0.9702 1.0000

Width:

0.0009 0.0018 0.0028 0.0037 0.0046
0.0055 0.0065 0.0074 0.0083 0.0092
0.0101 0.0111 0.0120 0.0125 0.0131
0.0136 0.0141 0.0147 0.0152 0.0157
0.0163 0.0482 0.0622 0.0769 0.1052
0.1972 0.2491 0.2908 0.3191 0.3390
0.3949 0.4295 0.4595 0.5028 0.5664
0.5911 0.6265 0.6721 0.7290 0.7677
0.8030 0.8362 0.8666 0.9011 0.9318
0.9418 0.9535 0.9716 0.9780 1.0000

Transect C31

Area:

0.0001 0.0014 0.0046 0.0093 0.0151
0.0213 0.0280 0.0353 0.0432 0.0516
0.0603 0.0692 0.0784 0.0879 0.0979
0.1085 0.1200 0.1325 0.1458 0.1597
0.1744 0.1900 0.2062 0.2228 0.2401
0.2582 0.2773 0.2984 0.3214 0.3462
0.3721 0.3995 0.4288 0.4587 0.4889
0.5196 0.5507 0.5823 0.6145 0.6475
0.6811 0.7153 0.7499 0.7849 0.8201
0.8555 0.8911 0.9271 0.9633 1.0000

Hrad:

0.0168 0.0240 0.0429 0.0696 0.0952
0.1271 0.1571 0.1771 0.2042 0.2337
0.2632 0.2923 0.3210 0.3510 0.3808
0.4065 0.4271 0.4486 0.4706 0.4921
0.4967 0.5220 0.5475 0.5733 0.5982
0.6220 0.6442 0.6614 0.6772 0.6920
0.7076 0.7128 0.6800 0.7028 0.7264
0.7505 0.7751 0.7963 0.8047 0.8323
0.8593 0.8864 0.9134 0.9198 0.9489
0.9771 1.0036 1.0301 1.0573 1.0000

Width:

0.0114 0.0585 0.1117 0.1425 0.1629

0.1744 0.1864 0.2081 0.2217 0.2310
0.2381 0.2453 0.2525 0.2597 0.2781
0.2993 0.3255 0.3483 0.3671 0.3855
0.4213 0.4293 0.4430 0.4564 0.4779
0.5021 0.5357 0.6008 0.6480 0.6871
0.7159 0.7737 0.8014 0.8128 0.8241
0.8354 0.8462 0.8630 0.8790 0.9046
0.9170 0.9294 0.9418 0.9499 0.9541
0.9599 0.9685 0.9770 0.9846 1.0000

Transect C32
Area:
0.0005 0.0017 0.0044 0.0079 0.0123
0.0186 0.0266 0.0359 0.0462 0.0580
0.0725 0.0886 0.1062 0.1257 0.1467
0.1684 0.1905 0.2125 0.2347 0.2568
0.2790 0.3013 0.3236 0.3459 0.3683
0.3908 0.4133 0.4362 0.4594 0.4831
0.5072 0.5315 0.5564 0.5815 0.6067
0.6320 0.6574 0.6829 0.7084 0.7340
0.7596 0.7853 0.8113 0.8374 0.8638
0.8903 0.9171 0.9444 0.9720 1.0000
Hrad:
0.0190 0.0309 0.0403 0.0598 0.0724
0.0819 0.0964 0.1074 0.1315 0.1522
0.1671 0.1800 0.1774 0.1829 0.2009
0.2266 0.2449 0.2727 0.3005 0.3282
0.3559 0.3836 0.4110 0.4381 0.4652
0.4922 0.5175 0.5347 0.5598 0.5814
0.5963 0.6223 0.6477 0.6534 0.6794
0.7057 0.7319 0.7582 0.7851 0.8118
0.8386 0.8651 0.8913 0.9172 0.9429
0.9684 0.9935 1.0175 1.0383 1.0000
Width:
0.0248 0.0696 0.1134 0.1385 0.1815
0.2521 0.3090 0.3466 0.3844 0.4780
0.5438 0.5900 0.6628 0.7206 0.7609
0.7738 0.7804 0.7818 0.7832 0.7847
0.7861 0.7876 0.7893 0.7914 0.7935
0.7956 0.8004 0.8174 0.8264 0.8481
0.8519 0.8716 0.8850 0.8911 0.8942
0.8967 0.8993 0.9015 0.9031 0.9047
0.9064 0.9141 0.9226 0.9279 0.9332
0.9431 0.9529 0.9730 0.9834 1.0000

Transect C33
Area:
0.0011 0.0038 0.0090 0.0174 0.0294
0.0426 0.0571 0.0723 0.0878 0.1036
0.1197 0.1364 0.1540 0.1728 0.1927
0.2145 0.2368 0.2592 0.2816 0.3041
0.3266 0.3491 0.3716 0.3942 0.4167
0.4393 0.4620 0.4846 0.5072 0.5299
0.5526 0.5753 0.5981 0.6210 0.6440
0.6671 0.6902 0.7134 0.7367 0.7600
0.7835 0.8070 0.8306 0.8543 0.8781
0.9020 0.9261 0.9504 0.9750 1.0000

Hrad:

0.0133	0.0311	0.0419	0.0489	0.0601
0.0812	0.0980	0.1211	0.1443	0.1674
0.1898	0.2078	0.2191	0.2367	0.2471
0.2675	0.2719	0.2973	0.3227	0.3480
0.3733	0.3986	0.4239	0.4491	0.4743
0.4996	0.5248	0.5501	0.5753	0.6005
0.6256	0.6507	0.6757	0.7006	0.7254
0.7501	0.7747	0.7988	0.8228	0.8467
0.8705	0.8942	0.9179	0.9413	0.9636
0.9857	1.0077	1.0268	1.0425	1.0000

Width:

0.0817	0.1379	0.2574	0.4135	0.4925
0.5411	0.5865	0.6007	0.6124	0.6241
0.6413	0.6702	0.7181	0.7462	0.8446
0.8639	0.8764	0.8773	0.8782	0.8792
0.8801	0.8810	0.8820	0.8829	0.8838
0.8846	0.8853	0.8861	0.8868	0.8875
0.8883	0.8903	0.8940	0.8978	0.9010
0.9036	0.9062	0.9093	0.9125	0.9156
0.9188	0.9220	0.9252	0.9285	0.9340
0.9397	0.9456	0.9553	0.9686	1.0000

Transect C36

Area:

0.0001	0.0005	0.0018	0.0036	0.0057
0.0083	0.0117	0.0166	0.0225	0.0292
0.0373	0.0472	0.0579	0.0696	0.0829
0.0980	0.1150	0.1330	0.1520	0.1718
0.1926	0.2144	0.2372	0.2611	0.2861
0.3118	0.3384	0.3653	0.3926	0.4201
0.4477	0.4757	0.5038	0.5322	0.5607
0.5893	0.6180	0.6468	0.6757	0.7048
0.7339	0.7631	0.7925	0.8220	0.8515
0.8810	0.9106	0.9403	0.9701	1.0000

Hrad:

0.0150	0.0229	0.0377	0.0557	0.0759
0.0928	0.0955	0.1098	0.1225	0.1353
0.1407	0.1509	0.1702	0.1883	0.2047
0.2134	0.2260	0.2451	0.2656	0.2851
0.3039	0.3221	0.3336	0.3508	0.3660
0.3875	0.4054	0.4302	0.4551	0.4805
0.5061	0.5316	0.5572	0.5752	0.6021
0.6298	0.6574	0.6847	0.7120	0.7393
0.7664	0.7935	0.8205	0.8432	0.8715
0.8997	0.9279	0.9547	0.9793	1.0000

Width:

0.0064	0.0319	0.0508	0.0654	0.0760
0.0968	0.1413	0.1798	0.2116	0.2378
0.3047	0.3456	0.3745	0.4125	0.4676
0.5369	0.5887	0.6173	0.6468	0.6764
0.7093	0.7435	0.7772	0.8144	0.8483
0.8706	0.8951	0.9037	0.9124	0.9198
0.9275	0.9353	0.9425	0.9488	0.9527
0.9557	0.9587	0.9623	0.9660	0.9697
0.9735	0.9772	0.9810	0.9834	0.9850
0.9865	0.9881	0.9908	0.9954	1.0000

Transect C37

Area:

0.0010	0.0038	0.0073	0.0112	0.0159
0.0213	0.0275	0.0362	0.0486	0.0628
0.0780	0.0936	0.1097	0.1264	0.1434
0.1612	0.1795	0.1982	0.2172	0.2366
0.2571	0.2788	0.3007	0.3230	0.3458
0.3692	0.3930	0.4173	0.4425	0.4678
0.4933	0.5189	0.5446	0.5704	0.5963
0.6223	0.6484	0.6747	0.7011	0.7275
0.7542	0.7809	0.8079	0.8349	0.8621
0.8894	0.9169	0.9445	0.9722	1.0000

Hrad:

0.0163	0.0335	0.0544	0.0756	0.0847
0.1044	0.1208	0.1228	0.1134	0.1175
0.1414	0.1655	0.1860	0.2103	0.2311
0.2481	0.2709	0.2935	0.3165	0.3378
0.3487	0.3563	0.3794	0.4025	0.4158
0.4370	0.4589	0.4666	0.4882	0.5138
0.5393	0.5650	0.5906	0.6161	0.6408
0.6655	0.6908	0.7160	0.7406	0.7647
0.7882	0.8114	0.8352	0.8590	0.8830
0.9070	0.9304	0.9537	0.9769	1.0000

Width:

0.0702	0.1141	0.1339	0.1487	0.1873
0.2038	0.2575	0.3788	0.4932	0.5350
0.5516	0.5657	0.5900	0.6007	0.6204
0.6498	0.6628	0.6754	0.6864	0.7112
0.7668	0.7824	0.7927	0.8025	0.8318
0.8450	0.8564	0.8944	0.9064	0.9106
0.9148	0.9185	0.9220	0.9257	0.9305
0.9351	0.9387	0.9423	0.9466	0.9514
0.9568	0.9625	0.9673	0.9721	0.9764
0.9807	0.9855	0.9903	0.9952	1.0000

Transect C39

Area:

0.0001	0.0004	0.0009	0.0016	0.0025
0.0035	0.0046	0.0059	0.0072	0.0087
0.0103	0.0120	0.0138	0.0157	0.0177
0.0199	0.0222	0.0248	0.0279	0.0318
0.0364	0.0416	0.0472	0.0539	0.0624
0.0740	0.0889	0.1070	0.1283	0.1534
0.1812	0.2113	0.2442	0.2798	0.3170
0.3558	0.3963	0.4388	0.4834	0.5288
0.5748	0.6212	0.6679	0.7147	0.7617
0.8089	0.8562	0.9039	0.9518	1.0000

Hrad:

0.0243	0.0485	0.0728	0.0997	0.1306
0.1598	0.1879	0.2153	0.2421	0.2737
0.3056	0.3368	0.3672	0.3965	0.4081
0.4218	0.4370	0.4310	0.4396	0.4555
0.4661	0.4776	0.4908	0.4880	0.4809
0.4446	0.3369	0.3212	0.3433	0.3634
0.3864	0.4109	0.4294	0.4549	0.4815
0.5105	0.5299	0.5486	0.5540	0.5733

0.6150 0.6561 0.7011 0.7467 0.7922
0.8377 0.8808 0.9226 0.9610 1.0000

Width:

0.0042 0.0084 0.0126 0.0164 0.0191
0.0218 0.0245 0.0272 0.0299 0.0319
0.0338 0.0357 0.0376 0.0395 0.0433
0.0471 0.0509 0.0577 0.0691 0.0880
0.1023 0.1114 0.1205 0.1545 0.2044
0.2729 0.3423 0.4053 0.4859 0.5481
0.5967 0.6471 0.7169 0.7497 0.7872
0.8165 0.8535 0.9099 0.9272 0.9451
0.9535 0.9616 0.9654 0.9684 0.9715
0.9746 0.9800 0.9866 0.9906 1.0000

Transect C4

Area:

0.0007 0.0020 0.0042 0.0069 0.0101
0.0138 0.0180 0.0225 0.0273 0.0324
0.0384 0.0456 0.0544 0.0651 0.0777
0.0909 0.1045 0.1189 0.1342 0.1499
0.1660 0.1826 0.1999 0.2178 0.2366
0.2569 0.2787 0.3025 0.3282 0.3558
0.3841 0.4130 0.4427 0.4732 0.5043
0.5358 0.5675 0.5994 0.6315 0.6638
0.6962 0.7289 0.7617 0.7949 0.8282
0.8620 0.8960 0.9302 0.9648 1.0000

Hrad:

0.0213 0.0431 0.0573 0.0826 0.1018
0.1215 0.1440 0.1685 0.1921 0.2115
0.2225 0.2364 0.2467 0.2065 0.2108
0.2355 0.2641 0.2915 0.3179 0.3447
0.3720 0.3985 0.4238 0.4468 0.4532
0.4489 0.4726 0.4770 0.4959 0.4656
0.4905 0.5151 0.5371 0.5608 0.5737
0.6046 0.6355 0.6665 0.6978 0.7290
0.7602 0.7913 0.8204 0.8490 0.8749
0.9016 0.9310 0.9602 0.9786 1.0000

Width:

0.0308 0.0463 0.0720 0.0825 0.0974
0.1118 0.1229 0.1313 0.1397 0.1506
0.1853 0.2175 0.2785 0.3425 0.3620
0.3789 0.3914 0.4209 0.4374 0.4491
0.4591 0.4808 0.4950 0.5120 0.5476
0.5973 0.6391 0.7028 0.7523 0.7897
0.8057 0.8236 0.8495 0.8695 0.8831
0.8898 0.8963 0.9021 0.9075 0.9128
0.9177 0.9226 0.9296 0.9367 0.9464
0.9552 0.9612 0.9672 0.9847 1.0000

Transect C40

Area:

0.0011 0.0026 0.0043 0.0064 0.0087
0.0115 0.0146 0.0183 0.0227 0.0272
0.0321 0.0372 0.0428 0.0486 0.0546
0.0611 0.0682 0.0762 0.0846 0.0935
0.1028 0.1123 0.1221 0.1321 0.1427
0.1549 0.1688 0.1844 0.2014 0.2201

0.2403 0.2636 0.2914 0.3226 0.3567
0.3939 0.4334 0.4743 0.5159 0.5580
0.6006 0.6437 0.6872 0.7311 0.7753
0.8198 0.8645 0.9094 0.9546 1.0000

Hrad:

0.0347 0.0716 0.1048 0.1320 0.1564
0.1745 0.2043 0.1988 0.2308 0.2635
0.2953 0.3139 0.3441 0.3730 0.4005
0.3993 0.4231 0.4185 0.4478 0.4665
0.4983 0.5302 0.5616 0.5925 0.6211
0.6409 0.5755 0.5234 0.5443 0.5282
0.5515 0.5286 0.5141 0.5405 0.5484
0.5178 0.5045 0.5320 0.5728 0.6131
0.6515 0.6919 0.7324 0.7729 0.8154
0.8576 0.8997 0.9417 0.9835 1.0000

Width:

0.0305 0.0359 0.0413 0.0482 0.0557
0.0660 0.0717 0.0921 0.0982 0.1034
0.1086 0.1186 0.1243 0.1302 0.1364
0.1530 0.1613 0.1821 0.1891 0.2005
0.2063 0.2119 0.2174 0.2230 0.2532
0.2831 0.3300 0.3624 0.3899 0.4273
0.4744 0.5532 0.6581 0.7142 0.7802
0.8516 0.8817 0.9103 0.9178 0.9291
0.9426 0.9522 0.9600 0.9678 0.9732
0.9787 0.9841 0.9896 0.9951 1.0000

Transect C41

Area:

0.0000 0.0002 0.0004 0.0008 0.0012
0.0017 0.0023 0.0030 0.0039 0.0047
0.0057 0.0067 0.0078 0.0090 0.0102
0.0115 0.0129 0.0143 0.0158 0.0173
0.0189 0.0205 0.0222 0.0248 0.0297
0.0381 0.0505 0.0658 0.0842 0.1055
0.1307 0.1602 0.1932 0.2299 0.2688
0.3088 0.3502 0.3928 0.4366 0.4822
0.5288 0.5766 0.6265 0.6775 0.7299
0.7830 0.8369 0.8910 0.9453 1.0000

Hrad:

0.0274 0.0548 0.0821 0.1095 0.1369
0.1643 0.1917 0.2191 0.2481 0.2817
0.3144 0.3464 0.3778 0.4087 0.4410
0.4751 0.5087 0.5417 0.5742 0.6064
0.6382 0.6697 0.7009 0.6952 0.6262
0.5339 0.4551 0.4164 0.3936 0.3777
0.3769 0.3305 0.3554 0.3389 0.3848
0.4311 0.4643 0.5110 0.5524 0.5952
0.6421 0.6824 0.7278 0.7729 0.8182
0.8645 0.8574 0.9101 0.9599 1.0000

Width:

0.0017 0.0035 0.0052 0.0069 0.0087
0.0104 0.0121 0.0139 0.0155 0.0168
0.0181 0.0194 0.0206 0.0219 0.0231
0.0242 0.0252 0.0263 0.0274 0.0284
0.0295 0.0305 0.0316 0.0655 0.1198
0.1890 0.2529 0.3121 0.3592 0.4206

0.4934 0.5750 0.6347 0.6981 0.7191
0.7398 0.7670 0.7849 0.8150 0.8414
0.8589 0.8895 0.9206 0.9435 0.9612
0.9714 0.9842 0.9872 0.9932 1.0000

Transect C43
Area:
0.0002 0.0010 0.0021 0.0034 0.0052
0.0078 0.0107 0.0147 0.0198 0.0265
0.0334 0.0405 0.0478 0.0556 0.0642
0.0735 0.0834 0.0941 0.1060 0.1187
0.1319 0.1454 0.1594 0.1740 0.1898
0.2075 0.2262 0.2458 0.2663 0.2875
0.3093 0.3321 0.3565 0.3832 0.4126
0.4448 0.4795 0.5157 0.5527 0.5904
0.6288 0.6677 0.7071 0.7472 0.7878
0.8290 0.8709 0.9134 0.9566 1.0000
Hrad:
0.0218 0.0445 0.0755 0.1037 0.0970
0.1253 0.1483 0.1414 0.1645 0.1683
0.2080 0.2471 0.2849 0.3209 0.3542
0.3809 0.3845 0.4122 0.4201 0.4487
0.4801 0.5119 0.5428 0.5722 0.5962
0.6094 0.6352 0.6602 0.6847 0.7002
0.7270 0.7489 0.7668 0.7769 0.7850
0.7957 0.7815 0.7881 0.7965 0.8202
0.7848 0.8201 0.8526 0.8841 0.9162
0.9482 0.9772 1.0080 1.0209 1.0000
Width:
0.0113 0.0222 0.0274 0.0325 0.0542
0.0623 0.0780 0.1040 0.1391 0.1578
0.1610 0.1643 0.1728 0.1855 0.2082
0.2191 0.2403 0.2503 0.2875 0.2984
0.3068 0.3143 0.3286 0.3457 0.3827
0.4220 0.4408 0.4606 0.4806 0.4952
0.5086 0.5366 0.5876 0.6487 0.7016
0.7777 0.8166 0.8440 0.8595 0.8728
0.8928 0.8980 0.9151 0.9283 0.9405
0.9529 0.9714 0.9830 0.9971 1.0000

Transect C44
Area:
0.0005 0.0026 0.0070 0.0145 0.0235
0.0331 0.0438 0.0556 0.0685 0.0820
0.0963 0.1119 0.1288 0.1465 0.1657
0.1855 0.2058 0.2264 0.2471 0.2680
0.2891 0.3104 0.3319 0.3537 0.3757
0.3981 0.4207 0.4435 0.4666 0.4899
0.5135 0.5373 0.5616 0.5862 0.6109
0.6357 0.6606 0.6855 0.7107 0.7361
0.7615 0.7871 0.8127 0.8385 0.8643
0.8904 0.9171 0.9443 0.9720 1.0000
Hrad:
0.0195 0.0236 0.0388 0.0521 0.0734
0.0973 0.1187 0.1392 0.1600 0.1812
0.2015 0.2198 0.2382 0.2560 0.2712
0.2904 0.3126 0.3356 0.3589 0.3824

0.4061 0.4296 0.4528 0.4745 0.4970
0.5187 0.5407 0.5626 0.5843 0.6060
0.6268 0.6472 0.6636 0.6715 0.6982
0.7249 0.7499 0.7745 0.7954 0.8209
0.8462 0.8713 0.8964 0.9213 0.9454
0.9608 0.9655 0.9805 0.9960 1.0000
Width:
0.0313 0.1220 0.2085 0.3036 0.3280
0.3561 0.3957 0.4461 0.4653 0.4938
0.5204 0.5852 0.6101 0.6520 0.6918
0.7154 0.7237 0.7306 0.7371 0.7435
0.7496 0.7570 0.7652 0.7775 0.7863
0.7954 0.8039 0.8123 0.8210 0.8297
0.8400 0.8508 0.8666 0.8743 0.8762
0.8781 0.8821 0.8867 0.8963 0.8995
0.9030 0.9065 0.9100 0.9137 0.9180
0.9304 0.9580 0.9714 0.9846 1.0000

Transect C45
Area:
0.0008 0.0026 0.0055 0.0088 0.0127
0.0175 0.0229 0.0294 0.0379 0.0479
0.0587 0.0697 0.0814 0.0940 0.1070
0.1204 0.1342 0.1484 0.1634 0.1796
0.1966 0.2147 0.2338 0.2539 0.2750
0.2976 0.3228 0.3484 0.3744 0.4008
0.4274 0.4541 0.4811 0.5083 0.5358
0.5639 0.5922 0.6208 0.6499 0.6800
0.7105 0.7414 0.7726 0.8041 0.8359
0.8680 0.9004 0.9334 0.9666 1.0000
Hrad:
0.0233 0.0321 0.0592 0.0850 0.0993
0.1186 0.1400 0.1547 0.1480 0.1552
0.1821 0.2100 0.2249 0.2488 0.2741
0.2998 0.3247 0.3484 0.3693 0.3873
0.4049 0.4225 0.4366 0.4533 0.4661
0.4672 0.4280 0.4553 0.4829 0.5112
0.5406 0.5702 0.5996 0.6269 0.6506
0.6739 0.7008 0.7272 0.7472 0.7537
0.7791 0.8056 0.8296 0.8540 0.8808
0.9068 0.9258 0.9488 0.9774 1.0000
Width:
0.0354 0.0802 0.0932 0.1044 0.1286
0.1501 0.1738 0.2155 0.2776 0.3103
0.3235 0.3335 0.3635 0.3792 0.3919
0.4033 0.4150 0.4277 0.4642 0.4937
0.5191 0.5495 0.5825 0.6090 0.6460
0.7089 0.7555 0.7664 0.7763 0.7848
0.7912 0.7969 0.8026 0.8108 0.8235
0.8365 0.8446 0.8531 0.8819 0.9012
0.9109 0.9191 0.9298 0.9400 0.9472
0.9552 0.9704 0.9815 0.9864 1.0000

Transect C46
Area:
0.0001 0.0003 0.0007 0.0012 0.0021
0.0033 0.0054 0.0082 0.0116 0.0154

0.0195 0.0239 0.0286 0.0338 0.0395
0.0456 0.0522 0.0601 0.0698 0.0803
0.0920 0.1050 0.1186 0.1337 0.1513
0.1749 0.2020 0.2302 0.2586 0.2878
0.3176 0.3476 0.3779 0.4091 0.4412
0.4746 0.5084 0.5445 0.5812 0.6181
0.6550 0.6921 0.7292 0.7671 0.8053
0.8437 0.8823 0.9210 0.9599 1.0000

Hrad:

0.0202 0.0404 0.0606 0.0808 0.0842
0.0659 0.0949 0.1052 0.1286 0.1583
0.1861 0.2142 0.2333 0.2484 0.2705
0.2897 0.3025 0.2764 0.2940 0.3089
0.3312 0.3509 0.3770 0.3939 0.4074
0.3666 0.2952 0.3335 0.3710 0.4042
0.4283 0.4661 0.5034 0.5221 0.5558
0.5724 0.6081 0.6014 0.6391 0.6772
0.7158 0.7542 0.7897 0.8134 0.8490
0.8863 0.9234 0.9601 0.9909 1.0000

Width:

0.0038 0.0076 0.0114 0.0152 0.0240
0.0488 0.0562 0.0770 0.0891 0.0960
0.1033 0.1098 0.1208 0.1341 0.1437
0.1552 0.1701 0.2237 0.2465 0.2706
0.3000 0.3260 0.3438 0.3859 0.5331
0.6211 0.6838 0.6892 0.7000 0.7185
0.7310 0.7352 0.7448 0.7725 0.8058
0.8174 0.8503 0.8927 0.8967 0.8998
0.9022 0.9047 0.9105 0.9298 0.9352
0.9386 0.9420 0.9457 0.9559 1.0000

Transect C48

Area:

0.0002 0.0007 0.0019 0.0046 0.0101
0.0192 0.0307 0.0446 0.0604 0.0782
0.0970 0.1164 0.1363 0.1564 0.1769
0.1981 0.2199 0.2420 0.2642 0.2867
0.3093 0.3320 0.3550 0.3781 0.4013
0.4246 0.4479 0.4712 0.4946 0.5181
0.5416 0.5651 0.5887 0.6123 0.6360
0.6598 0.6836 0.7075 0.7314 0.7555
0.7796 0.8037 0.8280 0.8523 0.8767
0.9012 0.9257 0.9504 0.9751 1.0000

Hrad:

0.0126 0.0233 0.0367 0.0398 0.0452
0.0503 0.0651 0.0823 0.0974 0.1096
0.1323 0.1511 0.1725 0.1961 0.2185
0.2397 0.2570 0.2801 0.3031 0.3259
0.3484 0.3708 0.3931 0.4154 0.4390
0.4632 0.4874 0.5115 0.5356 0.5597
0.5838 0.6078 0.6316 0.6553 0.6791
0.7027 0.7264 0.7498 0.7731 0.7963
0.8195 0.8427 0.8658 0.8885 0.9112
0.9339 0.9563 0.9786 1.0008 1.0000

Width:

0.0127 0.0362 0.0594 0.1640 0.2823
0.4209 0.5142 0.5927 0.6785 0.7404

0.7605 0.7881 0.7980 0.8044 0.8326
0.8575 0.8788 0.8858 0.8928 0.8994
0.9062 0.9129 0.9196 0.9261 0.9283
0.9301 0.9319 0.9337 0.9354 0.9372
0.9390 0.9408 0.9431 0.9454 0.9477
0.9500 0.9523 0.9549 0.9581 0.9612
0.9644 0.9671 0.9698 0.9728 0.9759
0.9789 0.9823 0.9858 0.9895 1.0000

Transect C49
Area:
0.0002 0.0013 0.0034 0.0061 0.0093
0.0127 0.0162 0.0199 0.0238 0.0282
0.0336 0.0399 0.0472 0.0557 0.0666
0.0803 0.0967 0.1153 0.1360 0.1579
0.1805 0.2036 0.2272 0.2512 0.2758
0.3013 0.3276 0.3543 0.3814 0.4086
0.4360 0.4636 0.4914 0.5197 0.5486
0.5777 0.6071 0.6367 0.6666 0.6965
0.7265 0.7566 0.7868 0.8171 0.8474
0.8777 0.9082 0.9387 0.9693 1.0000
Hrad:
0.0154 0.0242 0.0471 0.0627 0.0886
0.1145 0.1407 0.1663 0.1768 0.1947
0.2106 0.2251 0.2348 0.2388 0.2413
0.2464 0.2434 0.2494 0.2116 0.2379
0.2639 0.2897 0.3156 0.3413 0.3654
0.3856 0.4106 0.4219 0.4379 0.4664
0.4947 0.5229 0.5510 0.5742 0.6026
0.6309 0.6587 0.6863 0.7140 0.7418
0.7696 0.7975 0.8219 0.8510 0.8801
0.9086 0.9366 0.9644 0.9923 1.0000
Width:
0.0133 0.0566 0.0760 0.0990 0.1070
0.1135 0.1174 0.1213 0.1356 0.1562
0.1907 0.2196 0.2536 0.3088 0.4000
0.4914 0.5706 0.6517 0.6987 0.7241
0.7430 0.7598 0.7753 0.7904 0.8117
0.8469 0.8628 0.8770 0.8831 0.8884
0.8942 0.9000 0.9094 0.9357 0.9438
0.9509 0.9599 0.9677 0.9711 0.9746
0.9781 0.9816 0.9833 0.9849 0.9865
0.9887 0.9915 0.9943 0.9972 1.0000

Transect C50
Area:
0.0006 0.0018 0.0031 0.0056 0.0082
0.0110 0.0139 0.0169 0.0200 0.0232
0.0266 0.0301 0.0342 0.0394 0.0450
0.0509 0.0574 0.0645 0.0718 0.0796
0.0878 0.0972 0.1084 0.1216 0.1361
0.1523 0.1710 0.1934 0.2189 0.2455
0.2731 0.3026 0.3338 0.3670 0.4008
0.4354 0.4707 0.5065 0.5428 0.5797
0.6175 0.6565 0.6979 0.7398 0.7821
0.8251 0.8683 0.9118 0.9556 1.0000
Hrad:

0.0300 0.0644 0.0848 0.0982 0.1345
0.1728 0.2100 0.2461 0.2812 0.3150
0.3450 0.3743 0.3052 0.3277 0.3528
0.3666 0.3757 0.3996 0.4254 0.4467
0.4601 0.4443 0.4494 0.3984 0.3914
0.4011 0.3945 0.3476 0.3770 0.4050
0.4325 0.4505 0.4638 0.4918 0.5234
0.5593 0.5925 0.6285 0.6642 0.6971
0.7193 0.7537 0.7485 0.7865 0.8176
0.8562 0.8953 0.9340 0.9661 1.0000

Width:

0.0216 0.0275 0.0415 0.0568 0.0611
0.0636 0.0661 0.0686 0.0711 0.0737
0.0770 0.0803 0.1122 0.1203 0.1274
0.1388 0.1529 0.1613 0.1689 0.1782
0.1966 0.2190 0.2755 0.3059 0.3486
0.3807 0.4489 0.5585 0.5830 0.6086
0.6340 0.6744 0.7236 0.7490 0.7685
0.7809 0.7966 0.8079 0.8192 0.8333
0.8600 0.9096 0.9339 0.9419 0.9578
0.9645 0.9704 0.9766 0.9893 1.0000

Transect C51

Area:

0.0002 0.0009 0.0024 0.0064 0.0113
0.0164 0.0216 0.0271 0.0327 0.0385
0.0445 0.0509 0.0574 0.0641 0.0710
0.0785 0.0886 0.1016 0.1160 0.1315
0.1483 0.1712 0.1949 0.2190 0.2437
0.2691 0.2947 0.3205 0.3465 0.3731
0.4004 0.4280 0.4559 0.4843 0.5140
0.5446 0.5753 0.6062 0.6372 0.6684
0.6998 0.7319 0.7642 0.7968 0.8295
0.8626 0.8962 0.9302 0.9647 1.0000

Hrad:

0.0177 0.0381 0.0315 0.0477 0.0800
0.1117 0.1428 0.1732 0.2034 0.2330
0.2531 0.2798 0.3068 0.3337 0.3585
0.3799 0.3863 0.3777 0.3257 0.3416
0.2852 0.2661 0.2981 0.3295 0.3548
0.3737 0.4061 0.4392 0.4700 0.4868
0.5164 0.5476 0.5781 0.5895 0.5997
0.6299 0.6621 0.6944 0.7267 0.7564
0.7838 0.8039 0.8352 0.8661 0.8929
0.9175 0.9415 0.9625 0.9819 1.0000

Width:

0.0121 0.0223 0.0799 0.1340 0.1408
0.1464 0.1516 0.1564 0.1609 0.1652
0.1759 0.1817 0.1870 0.1921 0.1980
0.2450 0.3362 0.3908 0.4245 0.4475
0.5590 0.6658 0.6744 0.6849 0.7115
0.7200 0.7256 0.7297 0.7372 0.7664
0.7754 0.7816 0.7885 0.8215 0.8571
0.8645 0.8689 0.8729 0.8767 0.8836
0.8928 0.9104 0.9150 0.9199 0.9290
0.9402 0.9518 0.9664 0.9825 1.0000

Transect C52

Area:

0.0005	0.0017	0.0033	0.0053	0.0078
0.0107	0.0144	0.0195	0.0257	0.0332
0.0414	0.0505	0.0603	0.0708	0.0827
0.0959	0.1105	0.1264	0.1436	0.1619
0.1815	0.2022	0.2244	0.2479	0.2726
0.2982	0.3247	0.3515	0.3785	0.4056
0.4330	0.4608	0.4888	0.5172	0.5458
0.5748	0.6040	0.6335	0.6630	0.6928
0.7228	0.7530	0.7835	0.8142	0.8449
0.8757	0.9066	0.9376	0.9687	1.0000

Hrad:

0.0159	0.0377	0.0595	0.0787	0.0969
0.1132	0.1204	0.1340	0.1468	0.1600
0.1766	0.1814	0.2023	0.2221	0.2303
0.2493	0.2685	0.2860	0.3026	0.3197
0.3349	0.3515	0.3665	0.3600	0.3650
0.3781	0.3971	0.4103	0.4412	0.4719
0.5022	0.5322	0.5619	0.5912	0.6190
0.6467	0.6668	0.6761	0.7068	0.7372
0.7674	0.7973	0.8268	0.8564	0.8860
0.9155	0.9451	0.9745	1.0012	1.0000

Width:

0.0294	0.0460	0.0574	0.0708	0.0849
0.1021	0.1448	0.1754	0.2249	0.2503
0.2735	0.3029	0.3223	0.3504	0.4003
0.4429	0.4826	0.5294	0.5664	0.6012
0.6418	0.6791	0.7290	0.7655	0.8034
0.8268	0.8472	0.8574	0.8601	0.8670
0.8810	0.8856	0.8963	0.9060	0.9161
0.9262	0.9334	0.9373	0.9433	0.9508
0.9567	0.9680	0.9732	0.9757	0.9783
0.9809	0.9835	0.9868	0.9930	1.0000

Transect C53

Area:

0.0005	0.0019	0.0039	0.0065	0.0103
0.0144	0.0187	0.0231	0.0277	0.0325
0.0373	0.0426	0.0488	0.0558	0.0639
0.0732	0.0852	0.0993	0.1151	0.1332
0.1532	0.1750	0.1982	0.2228	0.2487
0.2755	0.3027	0.3306	0.3591	0.3884
0.4182	0.4481	0.4780	0.5081	0.5382
0.5683	0.5986	0.6289	0.6593	0.6898
0.7203	0.7510	0.7817	0.8126	0.8437
0.8749	0.9062	0.9374	0.9687	1.0000

Hrad:

0.0204	0.0316	0.0564	0.0738	0.0866
0.1125	0.1382	0.1635	0.1891	0.2151
0.2406	0.2633	0.2800	0.2938	0.3033
0.3053	0.2874	0.2868	0.2935	0.3020
0.3125	0.3234	0.3301	0.3384	0.3296
0.3528	0.3792	0.4052	0.4308	0.4558
0.4709	0.4990	0.5272	0.5557	0.5842
0.6129	0.6416	0.6703	0.6991	0.7279
0.7562	0.7840	0.8109	0.8376	0.8642

0.8778 0.9084 0.9389 0.9695 1.0000

Width:

0.0250 0.0595 0.0693 0.1013 0.1291
0.1342 0.1394 0.1447 0.1494 0.1534
0.1574 0.1808 0.2120 0.2378 0.2721
0.3357 0.4262 0.4745 0.5471 0.6030
0.6717 0.7202 0.7593 0.8087 0.8467
0.8617 0.8821 0.8985 0.9223 0.9469
0.9527 0.9553 0.9579 0.9602 0.9625
0.9648 0.9671 0.9694 0.9717 0.9741
0.9769 0.9801 0.9849 0.9899 0.9949
0.9971 0.9978 0.9986 0.9993 1.0000

Transect C55

Area:

0.0001 0.0004 0.0009 0.0014 0.0020
0.0032 0.0057 0.0091 0.0147 0.0209
0.0274 0.0341 0.0411 0.0486 0.0584
0.0695 0.0830 0.0980 0.1139 0.1308
0.1487 0.1688 0.1942 0.2198 0.2455
0.2714 0.2979 0.3246 0.3515 0.3786
0.4060 0.4336 0.4616 0.4904 0.5196
0.5491 0.5790 0.6091 0.6394 0.6701
0.7013 0.7331 0.7651 0.7974 0.8300
0.8631 0.8966 0.9305 0.9650 1.0000

Hrad:

0.0176 0.0395 0.0650 0.0882 0.1099
0.1024 0.0921 0.0881 0.0845 0.1156
0.1463 0.1761 0.2045 0.2297 0.2446
0.2588 0.2291 0.2484 0.2669 0.2864
0.2859 0.2346 0.2682 0.3017 0.3351
0.3639 0.3944 0.4264 0.4588 0.4892
0.5201 0.5488 0.5689 0.5965 0.6224
0.6513 0.6798 0.7093 0.7401 0.7612
0.7808 0.8086 0.8387 0.8654 0.8895
0.9133 0.9370 0.9606 0.9755 1.0000

Width:

0.0065 0.0112 0.0134 0.0157 0.0179
0.0542 0.0825 0.1196 0.1736 0.1809
0.1872 0.1936 0.2006 0.2503 0.2949
0.3539 0.4157 0.4388 0.4674 0.4927
0.5199 0.7194 0.7240 0.7284 0.7324
0.7457 0.7552 0.7611 0.7660 0.7738
0.7805 0.7900 0.8114 0.8221 0.8348
0.8432 0.8516 0.8587 0.8640 0.8802
0.8981 0.9066 0.9122 0.9213 0.9331
0.9450 0.9568 0.9686 0.9892 1.0000

Transect C57

Area:

0.0003 0.0007 0.0012 0.0018 0.0025
0.0033 0.0046 0.0060 0.0076 0.0097
0.0127 0.0159 0.0196 0.0243 0.0307
0.0392 0.0492 0.0622 0.0772 0.0934
0.1106 0.1290 0.1484 0.1689 0.1906
0.2133 0.2365 0.2604 0.2849 0.3105
0.3371 0.3647 0.3933 0.4240 0.4565

0.4902 0.5247 0.5596 0.5949 0.6306
0.6665 0.7027 0.7392 0.7758 0.8126
0.8496 0.8868 0.9243 0.9620 1.0000

Hrad:

0.0300 0.0586 0.0840 0.1076 0.1302
0.1268 0.1324 0.1506 0.1690 0.1824
0.1951 0.2122 0.2292 0.2370 0.1802
0.2017 0.2138 0.2177 0.2343 0.2556
0.2765 0.3020 0.3270 0.3522 0.3770
0.3937 0.4221 0.4504 0.4639 0.4938
0.5226 0.5397 0.5695 0.5862 0.6065
0.6133 0.5880 0.6199 0.6516 0.6719
0.7059 0.7397 0.7734 0.8065 0.8405
0.8745 0.9075 0.9388 0.9695 1.0000

Width:

0.0099 0.0123 0.0147 0.0171 0.0195
0.0264 0.0344 0.0397 0.0449 0.0740
0.0812 0.0891 0.1060 0.1402 0.1973
0.2388 0.2993 0.3669 0.4113 0.4377
0.4701 0.4951 0.5215 0.5547 0.5830
0.6018 0.6172 0.6327 0.6554 0.6854
0.7098 0.7345 0.7714 0.8352 0.8669
0.8980 0.9088 0.9182 0.9296 0.9402
0.9457 0.9512 0.9567 0.9626 0.9674
0.9719 0.9774 0.9846 0.9923 1.0000

Transect C58

Area:

0.0001 0.0006 0.0017 0.0034 0.0055
0.0078 0.0104 0.0133 0.0164 0.0198
0.0244 0.0324 0.0440 0.0578 0.0723
0.0879 0.1047 0.1226 0.1420 0.1621
0.1826 0.2033 0.2242 0.2457 0.2676
0.2900 0.3127 0.3361 0.3603 0.3849
0.4102 0.4359 0.4622 0.4890 0.5165
0.5447 0.5731 0.6017 0.6305 0.6596
0.6892 0.7202 0.7524 0.7855 0.8193
0.8540 0.8897 0.9257 0.9622 1.0000

Hrad:

0.0193 0.0371 0.0518 0.0729 0.0955
0.1219 0.1480 0.1724 0.1932 0.2145
0.2230 0.1972 0.2025 0.2140 0.2339
0.2431 0.2685 0.2898 0.3061 0.3351
0.3647 0.3961 0.4276 0.4587 0.4899
0.5208 0.5513 0.5799 0.6078 0.6332
0.6585 0.6845 0.7090 0.7332 0.7532
0.7771 0.8110 0.8448 0.8781 0.9098
0.9400 0.9519 0.9783 1.0049 1.0300
1.0347 0.9537 0.9868 1.0185 1.0000

Width:

0.0076 0.0198 0.0384 0.0486 0.0581
0.0649 0.0710 0.0773 0.0850 0.0926
0.1530 0.2751 0.3337 0.3695 0.3893
0.4281 0.4461 0.4883 0.5181 0.5273
0.5363 0.5419 0.5500 0.5659 0.5763
0.5867 0.5997 0.6200 0.6362 0.6490
0.6631 0.6762 0.6917 0.7075 0.7262

0.7370 0.7420 0.7469 0.7522 0.7625
0.7817 0.8275 0.8513 0.8697 0.8898
0.9269 0.9330 0.9434 0.9634 1.0000

Transect C6
Area:
0.0003 0.0009 0.0022 0.0044 0.0081
0.0131 0.0206 0.0316 0.0458 0.0626
0.0806 0.0997 0.1198 0.1407 0.1621
0.1840 0.2064 0.2291 0.2521 0.2752
0.2984 0.3217 0.3450 0.3685 0.3920
0.4156 0.4393 0.4630 0.4869 0.5108
0.5347 0.5587 0.5827 0.6069 0.6310
0.6552 0.6795 0.7038 0.7281 0.7526
0.7770 0.8016 0.8262 0.8508 0.8755
0.9003 0.9251 0.9500 0.9749 1.0000
Hrad:
0.0170 0.0296 0.0366 0.0408 0.0538
0.0665 0.0724 0.0748 0.0840 0.1002
0.1139 0.1342 0.1541 0.1764 0.1985
0.2187 0.2408 0.2621 0.2751 0.2992
0.3233 0.3473 0.3712 0.3952 0.4190
0.4427 0.4664 0.4903 0.5144 0.5385
0.5625 0.5865 0.6104 0.6343 0.6582
0.6820 0.7058 0.7295 0.7531 0.7765
0.7999 0.8233 0.8467 0.8700 0.8933
0.9165 0.9397 0.9629 0.9838 1.0000
Width:
0.0169 0.0334 0.0682 0.1170 0.1735
0.2323 0.3612 0.5025 0.6311 0.6923
0.7338 0.7777 0.8124 0.8389 0.8583
0.8805 0.8926 0.9093 0.9141 0.9174
0.9207 0.9239 0.9272 0.9302 0.9337
0.9373 0.9410 0.9438 0.9460 0.9481
0.9502 0.9523 0.9544 0.9565 0.9585
0.9606 0.9626 0.9646 0.9669 0.9692
0.9715 0.9738 0.9759 0.9781 0.9803
0.9825 0.9847 0.9869 0.9912 1.0000

Transect C60
Area:
0.0001 0.0005 0.0012 0.0020 0.0031
0.0042 0.0054 0.0067 0.0081 0.0096
0.0111 0.0127 0.0145 0.0163 0.0183
0.0211 0.0258 0.0322 0.0397 0.0478
0.0568 0.0670 0.0784 0.0915 0.1060
0.1221 0.1403 0.1610 0.1849 0.2106
0.2385 0.2675 0.2973 0.3274 0.3579
0.3896 0.4222 0.4555 0.4904 0.5287
0.5688 0.6115 0.6557 0.7018 0.7496
0.7986 0.8480 0.8978 0.9482 1.0000
Hrad:
0.0263 0.0526 0.0789 0.1103 0.1498
0.1889 0.2267 0.2631 0.2982 0.3324
0.3657 0.3982 0.4271 0.4550 0.4814
0.4848 0.4578 0.4193 0.4050 0.4036
0.4159 0.4307 0.4451 0.4528 0.4617

0.4670 0.4771 0.4689 0.4164 0.4381
0.4509 0.4815 0.5263 0.5739 0.6179
0.6551 0.6839 0.7328 0.7787 0.8187
0.8563 0.8892 0.9223 0.8768 0.8948
0.8804 0.9262 0.9689 1.0108 1.0000

Width:

0.0049 0.0098 0.0147 0.0186 0.0205
0.0222 0.0239 0.0255 0.0271 0.0288
0.0304 0.0320 0.0339 0.0359 0.0421
0.0745 0.0995 0.1394 0.1462 0.1637
0.1827 0.2012 0.2315 0.2652 0.2890
0.3226 0.3663 0.4292 0.4700 0.5120
0.5389 0.5648 0.5703 0.5760 0.5880
0.6163 0.6246 0.6424 0.7020 0.7476
0.7918 0.8276 0.8564 0.8891 0.9234
0.9376 0.9448 0.9543 0.9672 1.0000

Transect C62

Area:

0.0002 0.0009 0.0021 0.0039 0.0061
0.0087 0.0115 0.0153 0.0199 0.0247
0.0295 0.0345 0.0396 0.0448 0.0501
0.0555 0.0610 0.0668 0.0733 0.0807
0.0886 0.0974 0.1073 0.1182 0.1302
0.1434 0.1575 0.1721 0.1880 0.2058
0.2274 0.2534 0.2832 0.3153 0.3487
0.3830 0.4186 0.4603 0.5027 0.5453
0.5882 0.6314 0.6750 0.7191 0.7639
0.8096 0.8561 0.9032 0.9510 1.0000

Hrad:

0.0248 0.0495 0.0736 0.0925 0.1266
0.1630 0.1926 0.2080 0.2102 0.2541
0.2972 0.3394 0.3808 0.4218 0.4640
0.5007 0.5326 0.5640 0.5085 0.5224
0.5406 0.5506 0.5597 0.5630 0.5648
0.5650 0.5915 0.6208 0.6458 0.6640
0.6497 0.4798 0.5052 0.4861 0.5220
0.5527 0.5834 0.5408 0.5873 0.6329
0.6781 0.7228 0.7655 0.8044 0.8398
0.8754 0.9139 0.9532 0.9901 1.0000

Width:

0.0092 0.0184 0.0279 0.0411 0.0476
0.0520 0.0647 0.0886 0.0929 0.0951
0.0973 0.0995 0.1017 0.1039 0.1055
0.1083 0.1120 0.1157 0.1410 0.1512
0.1619 0.1860 0.2061 0.2265 0.2477
0.2709 0.2831 0.3028 0.3260 0.3909
0.4739 0.5457 0.6230 0.6485 0.6713
0.6923 0.7136 0.8373 0.8418 0.8471
0.8527 0.8587 0.8666 0.8793 0.8967
0.9141 0.9273 0.9388 0.9527 1.0000

Transect C64

Area:

0.0009 0.0021 0.0036 0.0056 0.0090
0.0137 0.0201 0.0278 0.0359 0.0442
0.0527 0.0615 0.0706 0.0799 0.0894

0.0992 0.1094 0.1217 0.1363 0.1522
0.1695 0.1879 0.2070 0.2266 0.2468
0.2679 0.2903 0.3136 0.3375 0.3616
0.3859 0.4105 0.4354 0.4614 0.4886
0.5180 0.5482 0.5792 0.6105 0.6423
0.6746 0.7076 0.7417 0.7763 0.8114
0.8476 0.8850 0.9230 0.9613 1.0000

Hrad:

0.0300 0.0579 0.0828 0.0869 0.1009
0.1148 0.1102 0.1335 0.1669 0.1994
0.2310 0.2601 0.2910 0.3222 0.3513
0.3799 0.4001 0.4093 0.4164 0.4305
0.4458 0.4601 0.4761 0.4975 0.5178
0.5381 0.5210 0.5445 0.5319 0.5654
0.5984 0.6311 0.6615 0.6914 0.6794
0.7099 0.7399 0.7694 0.7969 0.8228
0.8469 0.8680 0.8946 0.9219 0.9476
0.8926 0.9037 0.9376 0.9706 1.0000

Width:

0.0280 0.0352 0.0424 0.0736 0.1004
0.1416 0.1873 0.2029 0.2091 0.2155
0.2219 0.2300 0.2359 0.2412 0.2476
0.2540 0.2781 0.3542 0.3894 0.4237
0.4615 0.4817 0.4967 0.5096 0.5319
0.5478 0.5916 0.6052 0.6166 0.6214
0.6266 0.6318 0.6512 0.6822 0.7322
0.7656 0.7885 0.7989 0.8095 0.8222
0.8367 0.8567 0.8824 0.8942 0.9125
0.9419 0.9705 0.9778 0.9868 1.0000

Transect C65

Area:

0.0004 0.0011 0.0019 0.0028 0.0039
0.0050 0.0063 0.0078 0.0096 0.0116
0.0140 0.0168 0.0201 0.0238 0.0282
0.0327 0.0377 0.0438 0.0510 0.0588
0.0673 0.0767 0.0957 0.1229 0.1514
0.1810 0.2116 0.2427 0.2741 0.3062
0.3391 0.3722 0.4054 0.4388 0.4723
0.5059 0.5397 0.5737 0.6080 0.6424
0.6771 0.7120 0.7470 0.7823 0.8177
0.8533 0.8891 0.9254 0.9623 1.0000

Hrad:

0.0263 0.0561 0.0832 0.1082 0.1324
0.1571 0.1819 0.2039 0.2201 0.2376
0.2535 0.2649 0.2657 0.2421 0.2674
0.2915 0.3139 0.3275 0.3373 0.3478
0.3595 0.3617 0.3156 0.2934 0.2044
0.2387 0.2657 0.3023 0.3374 0.3680
0.4031 0.4400 0.4764 0.5128 0.5490
0.5848 0.6203 0.6547 0.6884 0.7230
0.7574 0.7918 0.8261 0.8603 0.8936
0.9265 0.9576 0.9818 1.0051 1.0000

Width:

0.0153 0.0191 0.0225 0.0259 0.0292
0.0321 0.0348 0.0422 0.0506 0.0564
0.0697 0.0790 0.0911 0.1060 0.1161

0.1223 0.1405 0.1775 0.1955 0.2112
0.2312 0.2903 0.6858 0.7287 0.7564
0.7847 0.8055 0.8119 0.8233 0.8515
0.8615 0.8635 0.8669 0.8703 0.8738
0.8780 0.8824 0.8886 0.8957 0.9006
0.9056 0.9103 0.9150 0.9196 0.9250
0.9306 0.9378 0.9531 0.9691 1.0000

Transect C66
Area:
0.0004 0.0016 0.0038 0.0069 0.0106
0.0146 0.0188 0.0233 0.0281 0.0334
0.0395 0.0461 0.0532 0.0621 0.0722
0.0826 0.0934 0.1047 0.1165 0.1285
0.1408 0.1534 0.1664 0.1802 0.1944
0.2092 0.2251 0.2415 0.2582 0.2754
0.2932 0.3126 0.3340 0.3568 0.3825
0.4137 0.4493 0.4866 0.5249 0.5639
0.6037 0.6441 0.6854 0.7280 0.7716
0.8159 0.8610 0.9064 0.9524 1.0000
Hrad:
0.0219 0.0497 0.0583 0.0872 0.1206
0.1555 0.1902 0.2210 0.2427 0.2561
0.2717 0.2993 0.3220 0.3183 0.3081
0.3414 0.3685 0.3973 0.4298 0.4628
0.4960 0.5259 0.5361 0.5638 0.5884
0.5991 0.6082 0.6388 0.6689 0.6969
0.6875 0.7077 0.7303 0.7540 0.7667
0.6778 0.6032 0.6093 0.6432 0.6782
0.7131 0.7448 0.7738 0.8051 0.8386
0.8723 0.9076 0.9426 0.9768 1.0000
Width:
0.0180 0.0283 0.0581 0.0714 0.0790
0.0843 0.0888 0.0946 0.1040 0.1172
0.1307 0.1384 0.1605 0.1996 0.2103
0.2172 0.2277 0.2368 0.2433 0.2493
0.2549 0.2619 0.2787 0.2870 0.2967
0.3136 0.3324 0.3395 0.3467 0.3548
0.3830 0.4178 0.4543 0.4848 0.5789
0.6996 0.7506 0.7767 0.7938 0.8078
0.8207 0.8364 0.8582 0.8864 0.9012
0.9195 0.9273 0.9347 0.9589 1.0000

Transect C67
Area:
0.0004 0.0012 0.0023 0.0038 0.0057
0.0079 0.0114 0.0161 0.0222 0.0307
0.0404 0.0525 0.0672 0.0836 0.1012
0.1197 0.1393 0.1607 0.1832 0.2062
0.2294 0.2529 0.2765 0.3002 0.3241
0.3479 0.3719 0.3960 0.4203 0.4450
0.4699 0.4950 0.5202 0.5455 0.5711
0.5969 0.6227 0.6489 0.6760 0.7034
0.7310 0.7589 0.7871 0.8156 0.8446
0.8743 0.9047 0.9360 0.9679 1.0000
Hrad:
0.0184 0.0394 0.0577 0.0748 0.0924

0.1062 0.0983 0.1028 0.1198 0.1177
0.1423 0.1590 0.1471 0.1648 0.1881
0.2070 0.2238 0.2329 0.2591 0.2891
0.3180 0.3474 0.3784 0.4092 0.4402
0.4712 0.5016 0.5303 0.5553 0.5807
0.6091 0.6380 0.6667 0.6945 0.7199
0.7485 0.7794 0.8098 0.8387 0.8673
0.8952 0.9227 0.9501 0.9747 0.9984
1.0219 1.0197 1.0370 1.0602 1.0000

Width:

0.0204 0.0304 0.0407 0.0513 0.0612
0.0911 0.1229 0.1572 0.2262 0.2842
0.3242 0.4222 0.4856 0.5264 0.5568
0.5872 0.6273 0.6906 0.7077 0.7139
0.7222 0.7287 0.7316 0.7345 0.7368
0.7392 0.7421 0.7474 0.7577 0.7671
0.7723 0.7767 0.7810 0.7863 0.7941
0.7982 0.7998 0.8213 0.8432 0.8497
0.8585 0.8671 0.8734 0.8894 0.9033
0.9314 0.9474 0.9789 0.9877 1.0000

Transect C68

Area:

0.0012 0.0031 0.0055 0.0083 0.0115
0.0149 0.0187 0.0226 0.0268 0.0314
0.0364 0.0420 0.0484 0.0556 0.0632
0.0714 0.0802 0.0896 0.0997 0.1111
0.1256 0.1409 0.1568 0.1732 0.1901
0.2076 0.2264 0.2461 0.2667 0.2882
0.3106 0.3341 0.3589 0.3848 0.4122
0.4420 0.4729 0.5048 0.5376 0.5718
0.6072 0.6458 0.6886 0.7320 0.7756
0.8195 0.8637 0.9085 0.9539 1.0000

Hrad:

0.0349 0.0657 0.0959 0.1275 0.1601
0.1925 0.2257 0.2582 0.2819 0.3040
0.3198 0.3282 0.3261 0.3490 0.3662
0.3929 0.4093 0.4245 0.4409 0.4412
0.3855 0.4175 0.4497 0.4828 0.5174
0.5492 0.5781 0.6069 0.6331 0.6579
0.6837 0.7053 0.7260 0.7449 0.7401
0.6709 0.6961 0.7264 0.7614 0.7943
0.8244 0.8454 0.7367 0.7800 0.8219
0.8620 0.9020 0.9321 0.9674 1.0000

Width:

0.0336 0.0462 0.0565 0.0647 0.0712
0.0770 0.0820 0.0869 0.0944 0.1026
0.1130 0.1271 0.1474 0.1580 0.1713
0.1804 0.1943 0.2094 0.2244 0.2767
0.3233 0.3350 0.3461 0.3561 0.3646
0.3924 0.4126 0.4303 0.4509 0.4709
0.4904 0.5176 0.5437 0.5683 0.6090
0.6538 0.6743 0.6898 0.7154 0.7461
0.7819 0.8720 0.9278 0.9314 0.9366
0.9436 0.9504 0.9675 0.9787 1.0000

Transect C69

Area:

0.0008	0.0026	0.0060	0.0105	0.0155
0.0210	0.0270	0.0334	0.0402	0.0476
0.0555	0.0640	0.0732	0.0830	0.0934
0.1044	0.1161	0.1289	0.1425	0.1568
0.1719	0.1882	0.2048	0.2217	0.2390
0.2566	0.2745	0.2926	0.3111	0.3298
0.3488	0.3682	0.3880	0.4086	0.4329
0.4622	0.4950	0.5299	0.5672	0.6048
0.6426	0.6808	0.7194	0.7582	0.7974
0.8371	0.8771	0.9174	0.9581	1.0000

Hrad:

0.0239	0.0529	0.0728	0.1023	0.1330
0.1630	0.1936	0.2232	0.2507	0.2759
0.2978	0.3213	0.3383	0.3595	0.3812
0.4010	0.4125	0.4227	0.4424	0.4622
0.4809	0.4962	0.5297	0.5616	0.5944
0.6269	0.6598	0.6923	0.7254	0.7579
0.7881	0.8152	0.8410	0.8636	0.8209
0.6523	0.6817	0.7046	0.6651	0.7049
0.7443	0.7836	0.8227	0.8615	0.8999
0.9380	0.9760	1.0137	1.0498	1.0000

Width:

0.0330	0.0576	0.0951	0.1096	0.1218
0.1332	0.1431	0.1530	0.1639	0.1761
0.1905	0.2034	0.2202	0.2338	0.2473
0.2622	0.2826	0.3057	0.3228	0.3401
0.3584	0.3801	0.3874	0.3956	0.4029
0.4101	0.4168	0.4236	0.4297	0.4360
0.4435	0.4526	0.4623	0.5102	0.6023
0.7136	0.7876	0.8521	0.8650	0.8723
0.8798	0.8869	0.8939	0.9026	0.9125
0.9212	0.9289	0.9365	0.9467	1.0000

Transect C7

Area:

0.0001	0.0005	0.0011	0.0018	0.0025
0.0033	0.0042	0.0051	0.0061	0.0072
0.0083	0.0096	0.0108	0.0122	0.0136
0.0151	0.0170	0.0196	0.0229	0.0266
0.0304	0.0349	0.0406	0.0487	0.0589
0.0697	0.0814	0.0950	0.1114	0.1321
0.1575	0.1875	0.2195	0.2535	0.2896
0.3276	0.3677	0.4093	0.4522	0.4974
0.5440	0.5913	0.6396	0.6891	0.7392
0.7902	0.8420	0.8940	0.9465	1.0000

Hrad:

0.0270	0.0541	0.0935	0.1356	0.1750
0.2123	0.2481	0.2825	0.3160	0.3486
0.3806	0.4119	0.4429	0.4734	0.5035
0.5273	0.5376	0.5315	0.5217	0.5221
0.5301	0.5362	0.5311	0.5054	0.4828
0.4803	0.4855	0.4839	0.4044	0.4269
0.4408	0.4561	0.4778	0.4979	0.5177
0.4794	0.5057	0.5355	0.5805	0.5968
0.6466	0.6958	0.7081	0.7489	0.7939
0.8296	0.8791	0.9283	0.9770	1.0000

Width:

0.0047	0.0093	0.0117	0.0129	0.0142
0.0155	0.0167	0.0180	0.0193	0.0205
0.0218	0.0231	0.0243	0.0256	0.0269
0.0285	0.0417	0.0548	0.0651	0.0695
0.0738	0.0941	0.1178	0.1766	0.1935
0.2054	0.2318	0.2743	0.3374	0.4262
0.5219	0.5726	0.6038	0.6506	0.6806
0.7214	0.7539	0.7799	0.8176	0.8555
0.8660	0.8802	0.9031	0.9201	0.9311
0.9525	0.9578	0.9630	0.9786	1.0000

Transect C70

Area:

0.0002	0.0009	0.0019	0.0033	0.0053
0.0076	0.0102	0.0131	0.0170	0.0242
0.0333	0.0452	0.0588	0.0747	0.0928
0.1125	0.1326	0.1532	0.1740	0.1949
0.2160	0.2379	0.2604	0.2832	0.3061
0.3292	0.3524	0.3759	0.3995	0.4233
0.4472	0.4713	0.4956	0.5201	0.5447
0.5696	0.5949	0.6204	0.6460	0.6719
0.6979	0.7255	0.7559	0.7876	0.8203
0.8540	0.8884	0.9238	0.9612	1.0000

Hrad:

0.0208	0.0427	0.0644	0.0784	0.0987
0.1228	0.1504	0.1768	0.1737	0.1373
0.1584	0.1570	0.1728	0.1782	0.2102
0.2342	0.2692	0.2997	0.3380	0.3761
0.4127	0.4295	0.4654	0.5017	0.5381
0.5746	0.6100	0.6436	0.6805	0.7172
0.7520	0.7861	0.8193	0.8544	0.8885
0.9152	0.9447	0.9783	1.0107	1.0436
1.0761	1.0734	1.0932	1.1140	1.1360
1.1496	1.1681	1.1885	1.2015	1.0000

Width:

0.0112	0.0206	0.0294	0.0424	0.0536
0.0622	0.0684	0.0745	0.1556	0.2011
0.2558	0.3188	0.3576	0.4254	0.4758
0.4936	0.5051	0.5136	0.5169	0.5203
0.5252	0.5559	0.5614	0.5661	0.5704
0.5742	0.5789	0.5852	0.5881	0.5911
0.5954	0.6002	0.6054	0.6091	0.6133
0.6225	0.6297	0.6340	0.6389	0.6434
0.6511	0.7130	0.7785	0.7958	0.8217
0.8454	0.8607	0.9010	0.9397	1.0000

Transect C71

Area:

0.0002	0.0008	0.0016	0.0028	0.0045
0.0066	0.0089	0.0117	0.0162	0.0232
0.0322	0.0446	0.0590	0.0747	0.0916
0.1112	0.1315	0.1519	0.1724	0.1932
0.2148	0.2370	0.2596	0.2823	0.3052
0.3283	0.3515	0.3749	0.3985	0.4223
0.4462	0.4703	0.4948	0.5194	0.5443
0.5693	0.5946	0.6201	0.6457	0.6716

0.6979 0.7262 0.7569 0.7885 0.8216
0.8554 0.8897 0.9246 0.9616 1.0000

Hrad:

0.0195 0.0410 0.0529 0.0660 0.0833
0.1041 0.1165 0.1392 0.1385 0.1122
0.1133 0.1307 0.1350 0.1660 0.1936
0.1901 0.2237 0.2567 0.2893 0.3205
0.3412 0.3651 0.3960 0.4275 0.4588
0.4898 0.5197 0.5501 0.5807 0.6114
0.6416 0.6696 0.6937 0.7230 0.7519
0.7800 0.8072 0.8355 0.8640 0.8921
0.9020 0.9206 0.9409 0.9556 0.9694
0.9881 1.0080 1.0223 1.0366 1.0000

Width:

0.0105 0.0163 0.0257 0.0373 0.0472
0.0548 0.0666 0.0759 0.1543 0.1917
0.2687 0.3334 0.3881 0.4010 0.4618
0.5084 0.5109 0.5141 0.5177 0.5321
0.5466 0.5635 0.5689 0.5730 0.5771
0.5812 0.5865 0.5908 0.5948 0.5985
0.6024 0.6083 0.6176 0.6220 0.6266
0.6317 0.6374 0.6420 0.6464 0.6510
0.6907 0.7359 0.7878 0.8039 0.8433
0.8552 0.8641 0.9016 0.9449 1.0000

Transect C73

Area:

0.0000 0.0001 0.0003 0.0005 0.0008
0.0011 0.0016 0.0020 0.0026 0.0046
0.0093 0.0170 0.0265 0.0377 0.0498
0.0633 0.0779 0.0930 0.1095 0.1275
0.1467 0.1680 0.1914 0.2165 0.2426
0.2691 0.2966 0.3245 0.3528 0.3813
0.4099 0.4387 0.4676 0.4969 0.5264
0.5562 0.5862 0.6162 0.6464 0.6769
0.7081 0.7395 0.7713 0.8035 0.8360
0.8686 0.9013 0.9341 0.9670 1.0000

Hrad:

0.0166 0.0332 0.0498 0.0664 0.0830
0.0995 0.1182 0.1451 0.1579 0.1230
0.0916 0.0922 0.1072 0.1248 0.1502
0.1677 0.1816 0.2073 0.2343 0.2594
0.2839 0.3057 0.3182 0.3372 0.3513
0.3760 0.3943 0.4209 0.4131 0.4439
0.4752 0.5071 0.5388 0.5699 0.5889
0.6194 0.6505 0.6819 0.7098 0.7399
0.7523 0.7822 0.8125 0.8429 0.8537
0.8852 0.9167 0.9472 0.9767 1.0000

Width:

0.0019 0.0038 0.0057 0.0076 0.0095
0.0114 0.0131 0.0137 0.0324 0.0899
0.1997 0.2582 0.3194 0.3485 0.3828
0.4278 0.4438 0.4641 0.5205 0.5590
0.6000 0.6810 0.7221 0.7759 0.7920
0.8063 0.8340 0.8456 0.8540 0.8589
0.8626 0.8650 0.8753 0.8833 0.8939
0.8980 0.9010 0.9037 0.9106 0.9292

0.9414 0.9454 0.9631 0.9730 0.9793
0.9812 0.9832 0.9862 0.9900 1.0000

Transect C74
Area:
0.0002 0.0008 0.0016 0.0025 0.0036
0.0048 0.0063 0.0078 0.0094 0.0112
0.0130 0.0150 0.0171 0.0193 0.0227
0.0281 0.0364 0.0463 0.0585 0.0731
0.0888 0.1056 0.1236 0.1427 0.1635
0.1860 0.2101 0.2362 0.2634 0.2930
0.3236 0.3549 0.3867 0.4197 0.4533
0.4874 0.5221 0.5570 0.5921 0.6273
0.6628 0.6985 0.7347 0.7712 0.8084
0.8460 0.8837 0.9218 0.9606 1.0000
Hrad:
0.0199 0.0489 0.0749 0.0997 0.1225
0.1421 0.1668 0.1938 0.2199 0.2452
0.2700 0.2941 0.3178 0.3203 0.2217
0.1539 0.1716 0.1711 0.1670 0.1912
0.2177 0.2404 0.2654 0.2856 0.2992
0.3137 0.3418 0.3519 0.3769 0.3851
0.4139 0.4484 0.4709 0.4996 0.5329
0.5603 0.5954 0.6317 0.6681 0.7042
0.7383 0.7699 0.8022 0.8286 0.8553
0.8902 0.9257 0.9488 0.9704 1.0000
Width:
0.0123 0.0171 0.0213 0.0252 0.0292
0.0340 0.0375 0.0401 0.0428 0.0454
0.0481 0.0507 0.0534 0.0599 0.1025
0.1918 0.2278 0.2715 0.3518 0.3838
0.4095 0.4411 0.4676 0.5020 0.5491
0.5959 0.6176 0.6745 0.7024 0.7644
0.7855 0.7949 0.8245 0.8433 0.8537
0.8726 0.8795 0.8840 0.8883 0.8927
0.8993 0.9088 0.9171 0.9318 0.9461
0.9510 0.9551 0.9719 0.9901 1.0000

Transect C75
Area:
0.0001 0.0003 0.0006 0.0010 0.0016
0.0022 0.0029 0.0037 0.0046 0.0055
0.0065 0.0076 0.0096 0.0140 0.0209
0.0293 0.0385 0.0502 0.0634 0.0774
0.0920 0.1073 0.1239 0.1431 0.1641
0.1872 0.2120 0.2388 0.2671 0.2979
0.3304 0.3634 0.3967 0.4302 0.4639
0.4980 0.5326 0.5677 0.6030 0.6384
0.6740 0.7097 0.7455 0.7814 0.8175
0.8537 0.8901 0.9265 0.9631 1.0000
Hrad:
0.0184 0.0368 0.0552 0.0736 0.0964
0.1221 0.1466 0.1673 0.1862 0.2051
0.2238 0.2270 0.1747 0.1463 0.0970
0.1225 0.1464 0.1476 0.1723 0.2019
0.2295 0.2542 0.2751 0.2878 0.2832
0.2893 0.3090 0.3239 0.3378 0.3487

0.3743 0.4089 0.4426 0.4769 0.5098
0.5397 0.5692 0.6000 0.6341 0.6688
0.7035 0.7381 0.7726 0.8069 0.8404
0.8740 0.9077 0.9423 0.9766 1.0000

Width:

0.0035 0.0069 0.0104 0.0138 0.0164
0.0181 0.0197 0.0218 0.0241 0.0264
0.0286 0.0332 0.0909 0.1447 0.2160
0.2398 0.2726 0.3416 0.3693 0.3846
0.4024 0.4239 0.4814 0.5529 0.5837
0.6500 0.6927 0.7405 0.7945 0.8584
0.8869 0.8926 0.8998 0.9054 0.9131
0.9260 0.9387 0.9489 0.9535 0.9569
0.9602 0.9634 0.9665 0.9698 0.9739
0.9777 0.9812 0.9837 0.9894 1.0000

Transect C76

Area:

0.0001 0.0003 0.0006 0.0011 0.0017
0.0025 0.0033 0.0044 0.0055 0.0068
0.0083 0.0098 0.0113 0.0130 0.0146
0.0164 0.0181 0.0200 0.0226 0.0287
0.0363 0.0446 0.0538 0.0641 0.0749
0.0860 0.0972 0.1088 0.1221 0.1365
0.1519 0.1693 0.1901 0.2158 0.2453
0.2781 0.3157 0.3572 0.4008 0.4470
0.4951 0.5456 0.5978 0.6518 0.7072
0.7636 0.8214 0.8803 0.9401 1.0000

Hrad:

0.0286 0.0572 0.0858 0.1144 0.1430
0.1716 0.2002 0.2288 0.2574 0.2860
0.3190 0.3639 0.4077 0.4504 0.4922
0.5332 0.5734 0.6122 0.6223 0.5518
0.5100 0.4935 0.4860 0.4888 0.5074
0.5374 0.5718 0.6073 0.6323 0.6553
0.6780 0.6908 0.6283 0.6486 0.6632
0.6807 0.6900 0.7035 0.7256 0.7435
0.7687 0.7915 0.8142 0.7433 0.7888
0.8216 0.8578 0.8986 0.9492 1.0000

Width:

0.0023 0.0046 0.0068 0.0091 0.0114
0.0137 0.0159 0.0182 0.0205 0.0228
0.0247 0.0256 0.0265 0.0274 0.0283
0.0292 0.0301 0.0336 0.0630 0.1191
0.1327 0.1453 0.1631 0.1766 0.1827
0.1851 0.1889 0.2050 0.2310 0.2476
0.2706 0.3117 0.3872 0.4557 0.5215
0.5812 0.6661 0.7091 0.7491 0.7835
0.8224 0.8552 0.8840 0.9133 0.9313
0.9512 0.9724 0.9930 0.9965 1.0000

Transect C77

Area:

0.0001 0.0003 0.0006 0.0011 0.0016
0.0022 0.0028 0.0036 0.0044 0.0052
0.0062 0.0071 0.0082 0.0093 0.0105
0.0118 0.0131 0.0146 0.0167 0.0192

0.0221 0.0254 0.0290 0.0345 0.0415
0.0497 0.0591 0.0698 0.0820 0.0950
0.1089 0.1238 0.1402 0.1582 0.1776
0.2010 0.2283 0.2594 0.2980 0.3558
0.4177 0.4805 0.5442 0.6082 0.6725
0.7375 0.8029 0.8684 0.9341 1.0000

Hrad:

0.0328 0.0656 0.0984 0.1397 0.1848
0.2273 0.2678 0.3070 0.3456 0.3833
0.4204 0.4568 0.4929 0.5285 0.5638
0.5987 0.6320 0.6522 0.6553 0.6553
0.6559 0.6586 0.6597 0.6279 0.5878
0.5664 0.5633 0.5489 0.5450 0.5665
0.5923 0.5970 0.5634 0.5906 0.6406
0.6762 0.6535 0.6141 0.6094 0.6049
0.6231 0.6366 0.6714 0.7207 0.7719
0.7451 0.8091 0.8729 0.9365 1.0000

Width:

0.0020 0.0040 0.0061 0.0075 0.0085
0.0095 0.0105 0.0116 0.0125 0.0135
0.0145 0.0155 0.0165 0.0175 0.0185
0.0194 0.0205 0.0288 0.0348 0.0407
0.0464 0.0521 0.0662 0.0969 0.1134
0.1357 0.1495 0.1782 0.1920 0.2020
0.2169 0.2371 0.2608 0.2824 0.3157
0.3826 0.4420 0.4895 0.7415 0.9311
0.9482 0.9579 0.9679 0.9727 0.9785
0.9898 0.9922 0.9948 0.9974 1.0000

Transect C78

Area:

0.0001 0.0004 0.0010 0.0018 0.0027
0.0036 0.0047 0.0061 0.0084 0.0114
0.0148 0.0185 0.0227 0.0276 0.0333
0.0399 0.0473 0.0558 0.0650 0.0749
0.0859 0.0980 0.1118 0.1270 0.1443
0.1635 0.1844 0.2073 0.2316 0.2587
0.2871 0.3168 0.3477 0.3795 0.4130
0.4484 0.4853 0.5233 0.5620 0.6010
0.6401 0.6794 0.7188 0.7584 0.7981
0.8381 0.8783 0.9187 0.9592 1.0000

Hrad:

0.0205 0.0410 0.0616 0.0821 0.1183
0.1531 0.1853 0.2030 0.2003 0.2064
0.2222 0.2413 0.2595 0.2742 0.2862
0.2963 0.3063 0.3072 0.3240 0.3163
0.3307 0.3517 0.3743 0.3948 0.4079
0.4242 0.4361 0.4481 0.4587 0.4361
0.4619 0.4865 0.5127 0.5383 0.5610
0.5677 0.5864 0.5830 0.6007 0.6386
0.6764 0.7141 0.7517 0.7882 0.8244
0.8605 0.8965 0.9309 0.9693 1.0000

Width:

0.0054 0.0108 0.0162 0.0217 0.0227
0.0238 0.0285 0.0407 0.0716 0.0784
0.0851 0.0953 0.1117 0.1301 0.1485
0.1708 0.1935 0.2166 0.2305 0.2559

0.2766 0.3128 0.3531 0.3935 0.4506
0.4873 0.5403 0.5755 0.6217 0.6818
0.7076 0.7398 0.7654 0.7899 0.8403
0.8819 0.9177 0.9369 0.9486 0.9523
0.9559 0.9596 0.9634 0.9682 0.9733
0.9783 0.9834 0.9870 0.9897 1.0000

Transect C8
Area:
0.0002 0.0009 0.0019 0.0030 0.0043
0.0057 0.0072 0.0087 0.0102 0.0118
0.0134 0.0151 0.0168 0.0185 0.0203
0.0221 0.0240 0.0259 0.0315 0.0401
0.0502 0.0625 0.0769 0.0924 0.1089
0.1269 0.1456 0.1648 0.1856 0.2128
0.2482 0.2853 0.3234 0.3616 0.3999
0.4383 0.4769 0.5156 0.5545 0.5936
0.6330 0.6727 0.7125 0.7526 0.7929
0.8336 0.8745 0.9158 0.9575 1.0000
Hrad:
0.0220 0.0440 0.0749 0.1093 0.1415
0.1728 0.2086 0.2429 0.2758 0.3076
0.3383 0.3680 0.3970 0.4257 0.4536
0.4809 0.5075 0.5314 0.4756 0.4199
0.3837 0.3562 0.3499 0.3554 0.3610
0.3732 0.3951 0.4181 0.4352 0.3924
0.3994 0.4127 0.4101 0.4447 0.4807
0.5175 0.5549 0.5914 0.6273 0.6637
0.7002 0.7370 0.7750 0.8125 0.8497
0.8865 0.9219 0.9565 0.9871 1.0000
Width:
0.0099 0.0199 0.0254 0.0281 0.0307
0.0331 0.0341 0.0351 0.0360 0.0370
0.0379 0.0389 0.0398 0.0407 0.0416
0.0425 0.0433 0.0626 0.1832 0.2085
0.2567 0.3201 0.3461 0.3671 0.3996
0.4247 0.4361 0.4495 0.5377 0.7972
0.8385 0.8762 0.8801 0.8828 0.8856
0.8883 0.8914 0.8957 0.9009 0.9061
0.9118 0.9175 0.9224 0.9280 0.9342
0.9407 0.9487 0.9574 0.9705 1.0000

Transect C9
Area:
0.0001 0.0005 0.0009 0.0015 0.0022
0.0029 0.0038 0.0047 0.0056 0.0067
0.0078 0.0091 0.0131 0.0192 0.0266
0.0382 0.0567 0.0781 0.1009 0.1245
0.1487 0.1739 0.1999 0.2263 0.2540
0.2819 0.3100 0.3384 0.3676 0.3971
0.4267 0.4564 0.4862 0.5161 0.5460
0.5759 0.6059 0.6359 0.6660 0.6961
0.7263 0.7564 0.7867 0.8169 0.8472
0.8776 0.9080 0.9384 0.9690 1.0000
Hrad:
0.0153 0.0359 0.0563 0.0749 0.0925
0.1107 0.1308 0.1501 0.1687 0.1868

0.2010	0.2069	0.1702	0.1458	0.1295
0.0862	0.0933	0.1092	0.1331	0.1606
0.1842	0.2087	0.2344	0.2591	0.2805
0.3092	0.3383	0.3663	0.3846	0.4133
0.4422	0.4711	0.5012	0.5312	0.5612
0.5911	0.6210	0.6508	0.6806	0.7104
0.7401	0.7699	0.7996	0.8292	0.8588
0.8884	0.9178	0.9454	0.9730	1.0000

Width:

0.0084	0.0132	0.0164	0.0195	0.0227
0.0256	0.0277	0.0299	0.0321	0.0343
0.0371	0.0767	0.1592	0.2176	0.2620
0.5305	0.6616	0.7016	0.7440	0.7611
0.7928	0.8183	0.8371	0.8577	0.8891
0.8953	0.9000	0.9201	0.9384	0.9434
0.9474	0.9512	0.9525	0.9539	0.9552
0.9565	0.9579	0.9592	0.9606	0.9618
0.9631	0.9644	0.9656	0.9669	0.9682
0.9694	0.9708	0.9740	0.9772	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 04/11/2025 00:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:01:00
Dry Time Step 00:05:00
Routing Time Step ..... 1.00 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	5.228	52.100
Evaporation Loss	0.000	0.000
Infiltration Loss	3.446	34.339
Surface Runoff	1.232	12.281
Final Storage	0.550	5.486

```
Continuity Error (%) .....        -0.011

**************************        Volume        Volume
Flow Routing Continuity        hectare-m      10^6 ltr
**************************     ---------     ---------
Dry Weather Inflow .......         0.000         0.000
Wet Weather Inflow .......         1.232        12.320
Groundwater Inflow .......         0.000         0.000
RDII Inflow ..............         0.000         0.000
External Inflow ..........         0.000         0.000
External Outflow .........         1.127        11.266
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 ......         0.126         1.259
Continuity Error (%) .....        -1.661


*************************
Highest Continuity Errors
*************************
Node J134 (38.80%)
Node J107 (-16.96%)
Node Existing-Node-C1B2A2B1B08 (8.46%)
Node J161 (8.13%)
Node J138 (3.95%)


***************************
Time-Step Critical Elements
***************************
None


*******************************
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           :     0.50 sec
Average Time Step           :     1.00 sec
Maximum Time Step           :     1.00 sec
% of Time in Steady State   :     0.00
Average Iterations per Step :     2.00
% of Steps Not Converging   :     0.00
```

```
  Time Step Frequencies       :
      1.000 -  0.871 sec      :   100.00 %
      0.871 -  0.758 sec      :     0.00 %
      0.758 -  0.660 sec      :     0.00 %
      0.660 -  0.574 sec      :     0.00 %
      0.574 -  0.500 sec      :     0.00 %


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

  ------------------------------------------------------------------------------------
-----------------------------------------------
                              Total      Total      Total      Total     Imperv
Perv      Total       Total     Peak  Runoff
                           Precip      Runon       Evap      Infil     Runoff
Runoff     Runoff      Runoff   Runoff   Coeff
  Subcatchment                mm         mm         mm         mm         mm
mm         mm    10^6 ltr      CMS
  ------------------------------------------------------------------------------------
-----------------------------------------------
  SubA                        52.10       0.00       0.00      34.34       2.04
10.82      12.86        0.05     0.01   0.247
  SubA101_1                   52.10       0.00       0.00      34.34       2.04
9.82      11.85        0.18     0.02   0.227
  SubA101_2                   52.10       0.00       0.00      34.34       2.04
9.75      11.79        0.17     0.02   0.226
  SubA111_1                   52.10       0.00       0.00      34.34       2.04
9.61      11.65        0.17     0.01   0.224
  SubA111_2                   52.10       0.00       0.00      34.34       2.04
10.03      12.06        0.08     0.01   0.232
  SubA117                     52.10       0.00       0.00      34.34       2.04
10.03      12.07        0.11     0.01   0.232
  SubA120                     52.10       0.00       0.00      34.34       2.04
10.48      12.52        0.08     0.01   0.240
  SubA122                     52.10       0.00       0.00      34.34       2.04
10.19      12.23        0.11     0.01   0.235
  SubA129                     52.10       0.00       0.00      34.34       2.04
10.56      12.60        0.17     0.03   0.242
  SubA138_1                   52.10       0.00       0.00      34.34       2.04
9.75      11.78        0.10     0.01   0.226
  SubA138_2                   52.10       0.00       0.00      34.34       2.04
10.25      12.29        0.15     0.02   0.236
  SubA140                     52.10       0.00       0.00      34.34       2.04
10.28      12.32        0.14     0.02   0.236
  SubA158                     52.10       0.00       0.00      34.34       2.04
10.47      12.51        0.09     0.01   0.240
  SubA159                     52.10       0.00       0.00      34.34       2.04
10.25      12.29        0.06     0.01   0.236
  SubA89_1                    52.10       0.00       0.00      34.34       2.04
10.15      12.19        0.19     0.02   0.234
  SubA89_2                    52.10       0.00       0.00      34.34       2.04
10.60      12.63        0.10     0.02   0.242
  SubA93                      52.10       0.00       0.00      34.34       2.04
10.34      12.38        0.14     0.02   0.238
  SubA99                      52.10       0.00       0.00      34.34       2.04
10.37      12.41        0.16     0.02   0.238
  SubB                        52.10       0.00       0.00      34.34       2.04
10.73      12.77        0.06     0.01   0.245
```

SubB_1			52.10	0.00	0.00	34.34	2.04
10.06	12.10	0.13	0.01	0.232			
SubB_2			52.10	0.00	0.00	34.34	2.04
10.56	12.59	0.06	0.01	0.242			
SubB12_1			52.10	0.00	0.00	34.34	2.04
9.95	11.99	0.17	0.02	0.230			
SubB12_2			52.10	0.00	0.00	34.34	2.04
10.23	12.27	0.14	0.02	0.235			
SubB14			52.10	0.00	0.00	34.34	2.04
10.27	12.31	0.24	0.03	0.236			
SubB152			52.10	0.00	0.00	34.34	2.04
10.40	12.43	0.08	0.01	0.239			
SubB16_1			52.10	0.00	0.00	34.34	2.04
10.28	12.32	0.11	0.01	0.236			
SubB16_2			52.10	0.00	0.00	34.34	2.04
10.55	12.59	0.10	0.01	0.242			
SubB160_1			52.10	0.00	0.00	34.34	2.04
10.61	12.65	0.17	0.03	0.243			
SubB160_2			52.10	0.00	0.00	34.34	2.04
10.74	12.78	0.09	0.02	0.245			
SubB162			52.10	0.00	0.00	34.34	2.04
10.87	12.91	0.05	0.01	0.248			
SubB2			52.10	0.00	0.00	34.34	2.04
10.33	12.36	0.15	0.02	0.237			
SubB20			52.10	0.00	0.00	34.34	2.04
10.38	12.41	0.06	0.01	0.238			
SubB22			52.10	0.00	0.00	34.34	2.04
10.21	12.25	0.13	0.01	0.235			
SubB27_1			52.10	0.00	0.00	34.34	2.04
10.13	12.16	0.13	0.01	0.233			
SubB27_2			52.10	0.00	0.00	34.34	2.04
10.10	12.14	0.08	0.01	0.233			
SubB27_3			52.10	0.00	0.00	34.34	2.04
10.54	12.58	0.17	0.02	0.241			
SubB32			52.10	0.00	0.00	34.34	2.04
10.00	12.04	0.20	0.02	0.231			
SubB36			52.10	0.00	0.00	34.34	2.04
10.53	12.57	0.06	0.01	0.241			
SubB38			52.10	0.00	0.00	34.34	2.04
10.21	12.24	0.18	0.02	0.235			
SubB4			52.10	0.00	0.00	34.34	2.04
10.26	12.30	0.17	0.02	0.236			
SubB47			52.10	0.00	0.00	34.34	2.04
10.31	12.35	0.14	0.02	0.237			
SubB53			52.10	0.00	0.00	34.34	2.04
10.37	12.40	0.13	0.02	0.238			
SubB56_1			52.10	0.00	0.00	34.34	2.04
10.51	12.55	0.19	0.03	0.241			
SubB56_2			52.10	0.00	0.00	34.34	2.04
10.17	12.21	0.17	0.02	0.234			
SubB62			52.10	0.00	0.00	34.34	2.04
10.45	12.49	0.07	0.01	0.240			
SubB67			52.10	0.00	0.00	34.34	2.04
10.10	12.14	0.18	0.02	0.233			
SubB71			52.10	0.00	0.00	34.34	2.04
10.39	12.43	0.07	0.01	0.239			
SubB73			52.10	0.00	0.00	34.34	2.04
10.15	12.19	0.14	0.01	0.234			
SubB8			52.10	0.00	0.00	34.34	2.04
10.24	12.28	0.23	0.03	0.236			

SubB82_1			52.10	0.00	0.00	34.34	2.04
10.59	12.62	0.07	0.01	0.242			
SubB82_2			52.10	0.00	0.00	34.34	2.04
10.10	12.13	0.09	0.01	0.233			
SubB84			52.10	0.00	0.00	34.34	2.04
10.01	12.05	0.17	0.02	0.231			
SubC			52.10	0.00	0.00	34.34	2.04
10.59	12.63	0.08	0.01	0.242			
SubC103			52.10	0.00	0.00	34.34	2.04
10.70	12.73	0.06	0.01	0.244			
SubC105_1			52.10	0.00	0.00	34.34	2.04
10.32	12.36	0.09	0.01	0.237			
SubC105_2			52.10	0.00	0.00	34.34	2.04
10.29	12.33	0.09	0.01	0.237			
SubC107			52.10	0.00	0.00	34.34	2.04
10.51	12.55	0.13	0.02	0.241			
SubC109_1			52.10	0.00	0.00	34.34	2.04
10.15	12.19	0.12	0.01	0.234			
SubC109_2			52.10	0.00	0.00	34.34	2.04
10.21	12.25	0.10	0.01	0.235			
SubC113			52.10	0.00	0.00	34.34	2.04
10.33	12.37	0.20	0.02	0.237			
SubC125			52.10	0.00	0.00	34.34	2.04
10.35	12.39	0.06	0.01	0.238			
SubC127			52.10	0.00	0.00	34.34	2.04
10.24	12.28	0.06	0.01	0.236			
SubC131			52.10	0.00	0.00	34.34	2.04
10.45	12.49	0.09	0.01	0.240			
SubC134			52.10	0.00	0.00	34.34	2.04
10.23	12.27	0.16	0.02	0.236			
SubC136			52.10	0.00	0.00	34.34	2.04
9.67	11.71	0.13	0.01	0.225			
SubC142_1			52.10	0.00	0.00	34.34	2.04
10.34	12.37	0.16	0.02	0.237			
SubC142_2			52.10	0.00	0.00	34.34	2.04
10.43	12.47	0.06	0.01	0.239			
SubC144_1			52.10	0.00	0.00	34.34	2.04
10.43	12.46	0.13	0.02	0.239			
SubC144_2			52.10	0.00	0.00	34.34	2.04
9.51	11.55	0.26	0.02	0.222			
SubC146			52.10	0.00	0.00	34.34	2.04
9.97	12.01	0.31	0.03	0.231			
SubC148			52.10	0.00	0.00	34.34	2.04
9.99	12.03	0.16	0.02	0.231			
SubC151			52.10	0.00	0.00	34.34	2.04
10.21	12.25	0.05	0.01	0.235			
SubC153			52.10	0.00	0.00	34.34	2.04
10.98	13.02	0.01	0.00	0.250			
SubC154			52.10	0.00	0.00	34.34	2.04
10.50	12.54	0.10	0.01	0.241			
SubC155			52.10	0.00	0.00	34.34	2.04
10.60	12.64	0.09	0.01	0.243			
SubC156_1			52.10	0.00	0.00	34.34	2.04
9.94	11.97	0.16	0.01	0.230			
SubC156_2			52.10	0.00	0.00	34.34	2.04
10.47	12.50	0.07	0.01	0.240			
SubC157			52.10	0.00	0.00	34.34	2.04
10.50	12.54	0.13	0.02	0.241			
SubC161			52.10	0.00	0.00	34.34	2.04
10.76	12.80	0.08	0.02	0.246			

```
  SubC163                    52.10       0.00       0.00      34.34       2.04
10.78      12.81        0.06     0.01   0.246
  SubC18_1                   52.10       0.00       0.00      34.34       2.04
10.24      12.28        0.13     0.01   0.236
  SubC18_2                   52.10       0.00       0.00      34.34       2.04
10.18      12.22        0.17     0.02   0.235
  SubC1B2A2B1B05             52.10       0.00       0.00      34.34       2.04
10.56      12.59        0.08     0.01   0.242
  SubC1B2A2B1B06             52.10       0.00       0.00      34.34       2.04
10.43      12.46        0.07     0.01   0.239
  SubC1B2A2B1B07             52.10       0.00       0.00      34.34       2.04
10.02      12.05        0.20     0.02   0.231
  SubC1B2A2B1B08_1           52.10       0.00       0.00      34.34       2.04
10.37      12.41        0.12     0.01   0.238
  SubC1B2A2B1B08_2           52.10       0.00       0.00      34.34       2.04
10.12      12.16        0.11     0.01   0.233
  SubC25_1                   52.10       0.00       0.00      34.34       2.04
10.25      12.29        0.09     0.01   0.236
  SubC25_2                   52.10       0.00       0.00      34.34       2.04
10.47      12.51        0.14     0.02   0.240
  SubC29                     52.10       0.00       0.00      34.34       2.04
10.49      12.53        0.06     0.01   0.240
  SubC34                     52.10       0.00       0.00      34.34       2.04
10.55      12.59        0.08     0.01   0.242
  SubC41                     52.10       0.00       0.00      34.34       2.04
10.05      12.08        0.18     0.02   0.232
  SubC45                     52.10       0.00       0.00      34.34       2.04
10.79      12.82        0.10     0.02   0.246
  SubC49_1                   52.10       0.00       0.00      34.34       2.04
9.97      12.00        0.17     0.02   0.230
  SubC49_2                   52.10       0.00       0.00      34.34       2.04
10.43      12.47        0.08     0.01   0.239
  SubC51                     52.10       0.00       0.00      34.34       2.04
10.41      12.45        0.11     0.01   0.239
  SubC60_1                   52.10       0.00       0.00      34.34       2.04
10.32      12.36        0.06     0.01   0.237
  SubC60_2                   52.10       0.00       0.00      34.34       2.04
10.45      12.49        0.07     0.01   0.240
  SubC65                     52.10       0.00       0.00      34.34       2.04
10.54      12.58        0.05     0.01   0.241
  SubC75                     52.10       0.00       0.00      34.34       2.04
10.52      12.56        0.09     0.01   0.241
  SubC80                     52.10       0.00       0.00      34.34       2.04
10.53      12.57        0.10     0.01   0.241
  SubC91                     52.10       0.00       0.00      34.34       2.04
10.11      12.14        0.13     0.01   0.233
  SubC96                     52.10       0.00       0.00      34.34       2.04
10.34      12.37        0.11     0.01   0.238


  ******************
  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
  ----------------------------------------------------------------------------
```

Existing-Node-A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2A2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2B2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2B3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2B4	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2B5	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2B5A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2B5B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2B5B2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-A2B5B3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4A1A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4A1A2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4A1A3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4A1A4	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4A1B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4A1B2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4A1B3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B4	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B5	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B6	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B6A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B6A2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B6A3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B6A4	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B6A5	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B6A6	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-B4B6B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1A2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2A2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2A3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2A4	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2B1A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2B1B01	JUNCTION	0.00	0.00	0.00	0	00:00	0.00

Existing-Node-C1B2A2B1B02	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2B1B03	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2B1B05	JUNCTION	0.02	0.03	95.18	0	13:07	0.03
Existing-Node-C1B2A2B1B06	JUNCTION	0.02	0.04	95.25	0	14:01	0.04
Existing-Node-C1B2A2B1B07	JUNCTION	0.01	0.03	95.32	0	14:00	0.03
Existing-Node-C1B2A2B1B08	JUNCTION	0.05	0.11	95.42	0	15:15	0.11
Existing-Node-C1B2A2B1B09	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2B1B1	JUNCTION	0.06	0.14	95.07	0	13:36	0.14
Existing-Node-C1B2A2B1B10	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2B1B11	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2B1B12	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2A2B1B13	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1A2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1A3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B2A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B2B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B2B2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B2B3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B2B3A1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B2B3A2	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B2B3A3	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
Existing-Node-C1B2B1B1B2B3B1	JUNCTION	0.00	0.00	0.00	0	00:00	0.00
J1	JUNCTION	0.06	0.14	95.06	0	13:37	0.14
J101	JUNCTION	0.01	0.03	94.95	0	12:00	0.03
J103	JUNCTION	0.05	0.12	95.16	0	13:52	0.12
J105	JUNCTION	0.01	0.02	95.20	0	12:30	0.02
J107	JUNCTION	0.02	0.05	95.03	0	12:33	0.05

J109	JUNCTION	0.01	0.04	94.77	0	12:00	0.04
J111	JUNCTION	0.02	0.08	94.80	0	12:00	0.08
J113	JUNCTION	0.01	0.03	94.89	0	13:10	0.03
J117	JUNCTION	0.07	0.20	94.28	0	13:57	0.20
J12	JUNCTION	0.02	0.06	95.82	0	13:01	0.06
J120	JUNCTION	0.06	0.16	94.28	0	13:57	0.16
J122	JUNCTION	0.03	0.08	94.61	0	13:17	0.08
J125	JUNCTION	0.02	0.08	94.93	0	12:32	0.08
J127	JUNCTION	0.02	0.07	94.94	0	12:31	0.07
J129	JUNCTION	0.03	0.05	94.32	0	13:00	0.05
J131	JUNCTION	0.01	0.07	94.97	0	12:00	0.07
J134	JUNCTION	0.09	0.17	94.75	0	16:34	0.17
J136	JUNCTION	0.05	0.11	94.93	0	12:31	0.11
J138	JUNCTION	0.03	0.07	94.90	0	13:10	0.07
J14	JUNCTION	0.01	0.03	95.30	0	12:00	0.03
J140	JUNCTION	0.01	0.03	94.85	0	13:03	0.03
J142	JUNCTION	0.08	0.17	94.77	0	15:39	0.17
J144	JUNCTION	0.03	0.06	94.81	0	13:35	0.06
J146	JUNCTION	0.06	0.10	94.16	0	16:00	0.10
J148	JUNCTION	0.02	0.04	94.29	0	12:00	0.04
J151	JUNCTION	0.01	0.02	94.24	0	12:00	0.02
J152	JUNCTION	0.02	0.05	94.85	0	12:36	0.05
J153	JUNCTION	0.04	0.10	95.39	0	13:30	0.10
J154	JUNCTION	0.02	0.05	95.26	0	13:31	0.05
J155	JUNCTION	0.06	0.12	93.93	0	15:45	0.12
J156	JUNCTION	0.05	0.11	94.99	0	14:33	0.11
J157	JUNCTION	0.02	0.05	94.75	0	16:41	0.05
J158	JUNCTION	0.03	0.07	94.00	0	13:32	0.07
J159	JUNCTION	0.01	0.03	94.74	0	13:02	0.03
J16	JUNCTION	0.01	0.03	94.85	0	12:30	0.03
J160	JUNCTION	0.03	0.08	94.15	0	12:30	0.08
J161	JUNCTION	0.09	0.18	94.75	0	16:43	0.18
J162	JUNCTION	0.06	0.17	94.13	0	12:35	0.17
J163	JUNCTION	0.06	0.10	94.55	0	16:00	0.10
J18	JUNCTION	0.02	0.13	95.70	0	12:00	0.13
J20	JUNCTION	0.01	0.02	95.11	0	12:05	0.02
J21212	JUNCTION	0.02	0.05	96.45	0	12:00	0.05
J22	JUNCTION	0.02	0.10	94.76	0	12:31	0.10
J25	JUNCTION	0.02	0.04	95.58	0	12:00	0.04
J27	JUNCTION	0.02	0.05	95.71	0	12:38	0.05
J29	JUNCTION	0.03	0.07	95.55	0	13:50	0.07
J32	JUNCTION	0.02	0.04	94.98	0	12:00	0.04
J34	JUNCTION	0.04	0.10	95.55	0	13:51	0.10
J36	JUNCTION	0.02	0.05	95.13	0	12:01	0.05
J38	JUNCTION	0.01	0.02	95.30	0	12:00	0.02
J4	JUNCTION	0.01	0.06	96.20	0	12:00	0.06
J41	JUNCTION	0.01	0.04	95.57	0	12:32	0.04
J45	JUNCTION	0.01	0.03	95.46	0	12:32	0.03
J47	JUNCTION	0.03	0.07	94.44	0	12:39	0.07
J49	JUNCTION	0.03	0.09	95.45	0	13:19	0.09
J51	JUNCTION	0.03	0.09	95.39	0	13:25	0.09
J53	JUNCTION	0.02	0.03	95.23	0	12:34	0.03
J56	JUNCTION	0.09	0.22	94.12	0	12:35	0.22
J60	JUNCTION	0.01	0.04	95.38	0	12:00	0.04
J62	JUNCTION	0.03	0.08	94.63	0	12:39	0.08
J65	JUNCTION	0.03	0.10	95.37	0	13:52	0.10
J67	JUNCTION	0.03	0.08	95.05	0	12:35	0.08

J71	JUNCTION	0.02	0.06	94.65	0	12:38	0.06
J73	JUNCTION	0.03	0.07	94.84	0	12:36	0.07
J75	JUNCTION	0.05	0.12	95.37	0	13:52	0.12
J8	JUNCTION	0.01	0.03	96.01	0	12:31	0.03
J80	JUNCTION	0.01	0.02	95.24	0	12:01	0.02
J82	JUNCTION	0.02	0.05	94.72	0	12:37	0.05
J84	JUNCTION	0.01	0.02	94.87	0	12:00	0.02
J89	JUNCTION	0.16	0.26	93.71	0	13:25	0.26
J93	JUNCTION	0.01	0.01	95.04	0	12:01	0.01
J96	JUNCTION	0.03	0.08	95.16	0	13:51	0.08
J99	JUNCTION	0.02	0.05	94.89	0	12:48	0.05
JX	JUNCTION	0.06	0.17	94.02	0	12:35	0.17
Outfall_A	OUTFALL	0.02	0.05	93.70	0	13:25	0.05
Outfall_B	OUTFALL	0.06	0.17	93.98	0	12:35	0.17
Outfall_C	OUTFALL	0.06	0.11	93.77	0	15:45	0.11

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Node Inflow Summary
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Node	Type	Maximum Lateral Inflow CMS	Maximum Total Inflow CMS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Flow Inflow Volume 10^6 ltr	Balance Error Percent
Existing-Node-A1	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2A1	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2A2	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2B1	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2B2	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2B3	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2B4	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2B5	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2B5A1	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2B5B1	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2B5B2	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2B5B3	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr

Existing-Node-B1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B3	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4A1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4A1A1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4A1A2	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4A1A3	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4A1A4	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4A1B1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4A1B2	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4A1B3	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B2	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B3	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B4	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B5	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B6	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B6A1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B6A2	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B6A3	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B6A4	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B6A5	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B6A6	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-B4B6B1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-C1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-C1A1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-C1A2	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-C1B1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-C1B2	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					
Existing-Node-C1B2A1	JUNCTION	0.000	0.000	0	00:00	0
0	0.000 ltr					

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  Existing-Node-C1B2A2 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2A1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2A2 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2A3 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2A4 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1A1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1B01 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1B02 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1B03 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1B05 JUNCTION     0.012    0.032     0  13:00       0.078
1.01       0.412
  Existing-Node-C1B2A2B1B06 JUNCTION     0.008    0.029     0  13:30      0.0659
0.938       0.870
  Existing-Node-C1B2A2B1B07 JUNCTION     0.020    0.027     0  14:00       0.199
0.874       0.241
  Existing-Node-C1B2A2B1B08 JUNCTION     0.026    0.036     0  12:00       0.232
0.737       9.239
  Existing-Node-C1B2A2B1B09 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1B1 JUNCTION     0.014    0.042     0  13:30       0.134
1.28       0.356
  Existing-Node-C1B2A2B1B10 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1B11 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1B12 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1B13 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1A1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1A2 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1A3 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1B1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1B1A1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1B1B1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1B1B2 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1B1B2A1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1B1B2B1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
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Existing-Node-C1B2B1B1B2B2	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
Existing-Node-C1B2B1B1B2B3	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
Existing-Node-C1B2B1B1B2B3A1	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
Existing-Node-C1B2B1B1B2B3A2	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
Existing-Node-C1B2B1B1B2B3A3	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
Existing-Node-C1B2B1B1B2B3B1	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
J1	JUNCTION	0.000	0.042	0	13:30	0	1.28	1.081
J101	JUNCTION	0.032	0.032	0	12:00	0.346	0.346	0.672
J103	JUNCTION	0.011	0.037	0	13:38	0.0619	1.16	1.077
J105	JUNCTION	0.021	0.021	0	12:00	0.182	0.182	-3.343
J107	JUNCTION	0.018	0.028	0	12:00	0.13	0.232	-14.502
J109	JUNCTION	0.024	0.024	0	12:00	0.222	0.222	-0.197
J111	JUNCTION	0.023	0.023	0	12:00	0.253	0.253	0.216
J113	JUNCTION	0.024	0.058	0	13:05	0.203	1.32	0.405
J117	JUNCTION	0.011	0.063	0	13:43	0.114	1.47	0.357
J12	JUNCTION	0.032	0.050	0	12:00	0.308	0.704	1.999
J120	JUNCTION	0.011	0.066	0	13:00	0.0787	1.37	0.978
J122	JUNCTION	0.012	0.055	0	13:00	0.111	1.13	0.829
J125	JUNCTION	0.007	0.021	0	12:30	0.0552	0.325	0.714
J127	JUNCTION	0.006	0.018	0	12:00	0.0582	0.151	0.913
J129	JUNCTION	0.026	0.062	0	13:00	0.173	1.29	0.088
J131	JUNCTION	0.012	0.012	0	12:00	0.0933	0.0933	0.170
J134	JUNCTION	0.017	0.052	0	12:46	0.157	0.608	63.402
J136	JUNCTION	0.011	0.020	0	12:00	0.125	0.275	1.821
J138	JUNCTION	0.026	0.047	0	12:00	0.254	0.598	4.116
J14	JUNCTION	0.027	0.040	0	12:00	0.24	0.389	1.191
J140	JUNCTION	0.016	0.035	0	13:00	0.139	0.714	0.717
J142	JUNCTION	0.027	0.088	0	13:11	0.226	2.55	3.968
J144	JUNCTION	0.039	0.079	0	13:30	0.393	2.33	0.345
J146	JUNCTION	0.030	0.126	0	15:58	0.306	4.57	0.353

J148		JUNCTION	0.016	0.016	0	12:00	0.163	
0.163	0.047							
J151		JUNCTION	0.005	0.021	0	12:00	0.0503	
0.213	0.207							
J152		JUNCTION	0.010	0.093	0	12:33	0.0765	
1.61	0.295							
J153		JUNCTION	0.004	0.038	0	13:00	0.0112	
0.77	0.224							
J154		JUNCTION	0.014	0.049	0	13:29	0.102	
1.13	0.931							
J155		JUNCTION	0.014	0.132	0	15:43	0.0869	
4.85	0.361							
J156		JUNCTION	0.024	0.061	0	13:00	0.221	
1.67	3.731							
J157		JUNCTION	0.018	0.078	0	12:30	0.129	
1.67	-0.100							
J158		JUNCTION	0.013	0.080	0	13:30	0.0936	
1.84	0.470							
J159		JUNCTION	0.007	0.049	0	13:00	0.0646	
1.03	0.730							
J16		JUNCTION	0.027	0.053	0	12:00	0.209	
0.649	0.675							
J160		JUNCTION	0.044	0.110	0	12:00	0.255	
1.47	0.450							
J161		JUNCTION	0.017	0.082	0	12:42	0.0801	
2.12	8.850							
J162		JUNCTION	0.015	0.235	0	12:31	0.0535	
3.67	0.592							
J163		JUNCTION	0.013	0.119	0	15:57	0.0593	
4.28	0.457							
J18		JUNCTION	0.032	0.032	0	12:00	0.293	
0.293	0.144							
J20		JUNCTION	0.008	0.039	0	12:00	0.0623	
0.447	1.370							
J21212		JUNCTION	0.018	0.018	0	12:00	0.151	
0.151	1.531							
J22		JUNCTION	0.015	0.056	0	12:30	0.135	
0.78	0.336							
J25		JUNCTION	0.029	0.029	0	12:00	0.229	
0.229	0.479							
J27		JUNCTION	0.046	0.064	0	12:00	0.379	
1.07	0.525							
J29		JUNCTION	0.008	0.037	0	12:00	0.0609	
0.353	1.240							
J32		JUNCTION	0.020	0.039	0	12:00	0.204	
0.442	0.369							
J34		JUNCTION	0.011	0.033	0	11:58	0.0778	
0.427	3.877							
J36		JUNCTION	0.009	0.027	0	12:00	0.0624	
0.239	0.684							
J38		JUNCTION	0.019	0.019	0	12:00	0.177	
0.177	0.098							
J4		JUNCTION	0.019	0.019	0	12:00	0.168	
0.168	0.554							
J41		JUNCTION	0.018	0.036	0	12:00	0.177	
0.406	0.180							
J45		JUNCTION	0.021	0.027	0	12:00	0.0969	
0.508	0.452							
J47		JUNCTION	0.016	0.128	0	12:38	0.141	
2.15	0.142							

J49	JUNCTION	0.027	0.045	0	12:00	0.253	0.658	1.990
J51	JUNCTION	0.014	0.014	0	12:00	0.114	0.114	0.235
J53	JUNCTION	0.016	0.069	0	12:30	0.133	1.2	0.233
J56	JUNCTION	0.044	0.258	0	12:34	0.354	4	0.343
J60	JUNCTION	0.017	0.017	0	12:00	0.133	0.133	0.356
J62	JUNCTION	0.009	0.119	0	12:37	0.0667	2.02	0.267
J65	JUNCTION	0.007	0.040	0	13:00	0.0508	0.819	0.273
J67	JUNCTION	0.018	0.079	0	12:30	0.178	1.37	0.429
J71	JUNCTION	0.009	0.115	0	12:37	0.0727	1.96	0.248
J73	JUNCTION	0.014	0.101	0	12:35	0.136	1.74	0.323
J75	JUNCTION	0.012	0.041	0	13:16	0.0878	0.904	0.869
J8	JUNCTION	0.025	0.039	0	12:00	0.229	0.396	0.070
J80	JUNCTION	0.015	0.015	0	12:00	0.103	0.103	0.195
J82	JUNCTION	0.019	0.110	0	12:35	0.153	1.89	0.209
J84	JUNCTION	0.016	0.016	0	12:00	0.167	0.167	0.482
J89	JUNCTION	0.036	0.092	0	13:21	0.295	2.13	3.216
J93	JUNCTION	0.017	0.017	0	12:00	0.139	0.139	0.642
J96	JUNCTION	0.013	0.038	0	12:40	0.109	1.11	1.211
J99	JUNCTION	0.019	0.028	0	12:00	0.156	0.295	3.610
JX	JUNCTION	0.012	0.262	0	12:35	0.0609	4.05	0.054
Outfall_A	OUTFALL	0.011	0.094	0	13:23	0.0468	2.11	0.000
Outfall_B	OUTFALL	0.022	0.274	0	12:35	0.191	4.24	0.000
Outfall_C	OUTFALL	0.013	0.134	0	15:44	0.0829	4.92	0.000

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

Node	Type	Hours Surcharged	Max. Height Above Crown Meters	Min. Depth Below Rim Meters
Existing-Node-A1	JUNCTION	24.00	0.000	0.000

Existing-Node-A2	JUNCTION	24.00	0.000	0.000
Existing-Node-A2A1	JUNCTION	24.00	0.000	0.000
Existing-Node-A2A2	JUNCTION	24.00	0.000	0.000
Existing-Node-A2B1	JUNCTION	24.00	0.000	0.000
Existing-Node-A2B2	JUNCTION	24.00	0.000	0.000
Existing-Node-A2B3	JUNCTION	24.00	0.000	0.000
Existing-Node-A2B4	JUNCTION	24.00	0.000	0.000
Existing-Node-A2B5	JUNCTION	24.00	0.000	0.000
Existing-Node-A2B5A1	JUNCTION	24.00	0.000	0.000
Existing-Node-A2B5B1	JUNCTION	24.00	0.000	0.000
Existing-Node-A2B5B2	JUNCTION	24.00	0.000	0.000
Existing-Node-A2B5B3	JUNCTION	24.00	0.000	0.000
Existing-Node-B1	JUNCTION	24.00	0.000	0.000
Existing-Node-B3	JUNCTION	24.00	0.000	0.000
Existing-Node-B4	JUNCTION	24.00	0.000	0.000
Existing-Node-B4A1	JUNCTION	24.00	0.000	0.000
Existing-Node-B4A1A1	JUNCTION	24.00	0.000	0.000
Existing-Node-B4A1A2	JUNCTION	24.00	0.000	0.000
Existing-Node-B4A1A3	JUNCTION	24.00	0.000	0.000
Existing-Node-B4A1A4	JUNCTION	24.00	0.000	0.000
Existing-Node-B4A1B1	JUNCTION	24.00	0.000	0.000
Existing-Node-B4A1B2	JUNCTION	24.00	0.000	0.000
Existing-Node-B4A1B3	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B1	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B2	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B3	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B4	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B5	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B6	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B6A1	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B6A2	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B6A3	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B6A4	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B6A5	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B6A6	JUNCTION	24.00	0.000	0.000
Existing-Node-B4B6B1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1A1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1A2	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2A1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2A2	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2A3	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2A4	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1A1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1B01	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1B02	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1B03	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1B09	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1B10	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1B11	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1B12	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2A2B1B13	JUNCTION	24.00	0.000	0.000

Existing-Node-C1B2B1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1A1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1A2	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1A3	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1A1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B2	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B2A1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B2B1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B2B2	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B2B3	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B2B3A1	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B2B3A2	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B2B3A3	JUNCTION	24.00	0.000	0.000
Existing-Node-C1B2B1B1B2B3B1	JUNCTION	24.00	0.000	0.000

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Node Flooding Summary
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No nodes were flooded.

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Outfall Loading Summary
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Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 10^6 ltr
Outfall_A	83.32	0.029	0.094	2.110
Outfall_B	93.28	0.053	0.274	4.239
Outfall_C	91.07	0.062	0.134	4.917
System	89.22	0.144	0.465	11.266

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Link Flow Summary
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Link	Type	Maximum |Flow| CMS	Time of Max Occurrence days hr:min	Maximum |Veloc| m/sec	Max/ Full Flow	Max/ Full Depth
ChannelA101	CHANNEL	0.021	0 12:00	0.07	0.00	0.27
ChannelA111	CONDUIT	0.022	0 12:00	0.20	0.07	0.13
ChannelA117	CONDUIT	0.062	0 13:55	0.37	0.03	0.15
ChannelA120	CHANNEL	0.058	0 13:46	0.18	0.00	0.18
ChannelA122	CHANNEL	0.053	0 13:16	0.60	0.00	0.10
ChannelA129	CHANNEL	0.062	0 13:00	0.17	0.00	0.14
ChannelA138	CHANNEL	0.027	0 13:10	1.18	0.00	0.18

ChannelA140	CHANNEL	0.034	0	13:03	0.15	0.03	0.24
ChannelA158	CHANNEL	0.080	0	13:32	0.12	0.00	0.15
ChannelA159	CHANNEL	0.049	0	13:02	0.14	0.00	0.21
ChannelA89	CHANNEL	0.092	0	13:25	0.21	0.00	0.10
ChannelA93	CHANNEL	0.010	0	12:01	0.06	0.00	0.17
ChannelA99	CHANNEL	0.018	0	12:48	0.46	0.00	0.07
ChannelB	CHANNEL	0.262	0	12:35	1.05	0.00	0.10
ChannelB12	CHANNEL	0.038	0	12:59	0.32	0.00	0.20
ChannelB14	CHANNEL	0.033	0	12:00	0.34	0.00	0.02
ChannelB152	CHANNEL	0.093	0	12:36	0.25	0.00	0.10
ChannelB16	CHANNEL	0.047	0	12:30	0.18	0.00	0.05
ChannelB160	CHANNEL	0.105	0	12:30	0.29	0.00	0.07
ChannelB162	CHANNEL	0.234	0	12:36	0.41	0.00	0.09
ChannelB20	CHANNEL	0.033	0	12:05	0.19	0.00	0.04
ChannelB22	CONDUIT	0.055	0	12:30	0.54	0.01	0.07
ChannelB2212	CHANNEL	0.014	0	12:00	0.65	0.00	0.02
ChannelB27	CHANNEL	0.060	0	12:37	0.52	0.01	0.19
ChannelB32	CHANNEL	0.035	0	12:00	0.39	0.00	0.06
ChannelB36	CHANNEL	0.021	0	12:01	0.45	0.00	0.06
ChannelB38	CHANNEL	0.018	0	12:00	0.14	0.00	0.07
ChannelB4	CONDUIT	0.014	0	12:00	0.16	0.04	0.14
ChannelB47	CHANNEL	0.128	0	12:39	0.32	0.00	0.11
ChannelB53	CHANNEL	0.068	0	12:34	0.25	0.00	0.15
ChannelB56	CHANNEL	0.258	0	12:35	0.96	0.00	0.09
ChannelB62	CHANNEL	0.119	0	12:39	0.63	0.00	0.07
ChannelB67	CHANNEL	0.078	0	12:36	0.51	0.00	0.17
ChannelB71	CHANNEL	0.115	0	12:38	0.25	0.00	0.06
ChannelB73	CHANNEL	0.101	0	12:37	0.38	0.00	0.08
ChannelB8	CHANNEL	0.026	0	12:31	0.11	0.01	0.26
ChannelB82	CHANNEL	0.110	0	12:37	0.39	0.00	0.06
ChannelB84	CHANNEL	0.014	0	12:00	0.12	0.00	0.09
ChannelC103	CONDUIT	0.037	0	13:52	0.23	0.11	0.33
ChannelC105	CHANNEL	0.013	0	12:30	0.12	0.00	0.36
ChannelC107	CHANNEL	0.018	0	12:33	0.15	0.00	0.43
ChannelC109	CHANNEL	0.021	0	12:00	0.18	0.00	0.21
ChannelC113	CHANNEL	0.058	0	13:10	0.16	0.00	0.15
ChannelC125	CONDUIT	0.020	0	12:33	0.15	0.05	0.16
ChannelC127	CONDUIT	0.011	0	12:02	0.06	0.02	0.19
ChannelC131	CONDUIT	0.011	0	12:00	0.16	0.03	0.13
ChannelC134	CHANNEL	0.026	0	12:51	0.15	0.00	0.45
ChannelC136	CONDUIT	0.017	0	12:31	0.15	0.01	0.14
ChannelC142	CONDUIT	0.072	0	15:41	0.42	0.08	0.25
ChannelC144	CHANNEL	0.079	0	13:35	0.15	0.00	0.18
ChannelC146	CHANNEL	0.126	0	16:00	0.68	0.01	0.30
ChannelC148	CHANNEL	0.016	0	12:00	0.59	0.00	0.07
ChannelC151	CHANNEL	0.020	0	12:00	0.16	0.00	0.17
ChannelC153	CONDUIT	0.037	0	13:01	0.20	0.26	0.42
ChannelC154	CHANNEL	0.048	0	13:30	0.36	0.00	0.13
ChannelC155	CHANNEL	0.132	0	15:45	0.80	0.00	0.17
ChannelC156	CONDUIT	0.052	0	14:25	0.29	0.05	0.17
ChannelC157	CHANNEL	0.077	0	12:50	0.10	0.01	0.56
ChannelC161	CONDUIT	0.047	0	16:23	0.26	0.18	0.35
ChannelC163	CHANNEL	0.119	0	16:00	0.63	0.00	0.19
ChannelC18	CONDUIT	0.029	0	12:00	0.31	0.05	0.16
ChannelC1B2A2B1B05	CHANNEL	0.032	0	13:07	0.93	0.00	0.12
ChannelC1B2A2B1B06	CHANNEL	0.029	0	14:01	0.35	0.00	0.06
ChannelC1B2A2B1B07	CHANNEL	0.027	0	14:00	2.52	0.00	0.05

Channel1C1B2A2B1B08	CONDUIT	0.021	0	15:12	0.28	0.02	0.09
Channel1C25	CHANNEL	0.019	0	12:01	0.11	0.00	0.11
Channel1C29	CHANNEL	0.024	0	11:58	0.91	0.00	0.15
Channel1C34	CONDUIT	0.015	0	13:48	0.21	0.04	0.11
Channel1C41	CHANNEL	0.027	0	12:32	0.11	0.00	0.26
Channel1C45	CHANNEL	0.019	0	12:32	0.06	0.00	0.11
Channel1C49	CONDUIT	0.032	0	13:19	0.28	0.07	0.24
Channel1C51	CONDUIT	0.013	0	12:00	0.14	0.06	0.23
Channel1C60	CHANNEL	0.012	0	12:01	0.20	0.00	0.08
Channel1C65	CHANNEL	0.037	0	13:29	0.14	0.00	0.37
Channel1C75	CONDUIT	0.039	0	13:50	0.22	0.18	0.28
Channel1C80	CHANNEL	0.010	0	12:01	0.13	0.00	0.05
Channel1C91_1	CONDUIT	0.042	0	13:30	0.13	0.28	0.47
Channel1C91_2	CONDUIT	0.042	0	13:40	0.15	0.28	0.41
Channel1C96	CHANNEL	0.035	0	13:49	0.07	0.00	0.20

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Flow Classification Summary
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Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
Channel1A101	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
Channel1A111	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Channel1A117	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.25	0.00
Channel1A120	1.00	0.00	0.00	0.00	0.96	0.04	0.00	0.00	0.19	0.00
Channel1A122	1.00	0.00	0.00	0.00	0.38	0.61	0.00	0.00	0.04	0.00
Channel1A129	1.00	0.00	0.00	0.00	0.89	0.11	0.00	0.00	0.83	0.00
Channel1A138	1.00	0.00	0.00	0.00	0.31	0.69	0.00	0.00	0.03	0.00
Channel1A140	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.36	0.00
Channel1A158	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
Channel1A159	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.99	0.00
Channel1A89	1.00	0.00	0.47	0.00	0.53	0.00	0.00	0.00	0.00	0.00
Channel1A93	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
Channel1A99	1.00	0.00	0.00	0.00	0.92	0.08	0.00	0.00	0.92	0.00
Channel1B	1.00	0.00	0.00	0.00	0.73	0.27	0.00	0.00	0.05	0.00

ChannelB12	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.50
0.00									
ChannelB14	1.00	0.00	0.00	0.00	0.78	0.22	0.00	0.00	0.12
0.00									
ChannelB152	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
0.00									
ChannelB16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
0.00									
ChannelB160	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.84
0.00									
ChannelB162	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.69
0.00									
ChannelB20	1.00	0.00	0.02	0.00	0.71	0.27	0.00	0.00	0.75
0.00									
ChannelB22	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.80
0.00									
ChannelB2212	1.00	0.00	0.00	0.00	0.08	0.91	0.00	0.00	0.00
0.00									
ChannelB27	1.00	0.00	0.00	0.00	0.73	0.27	0.00	0.00	0.00
0.00									
ChannelB32	1.00	0.00	0.00	0.00	0.57	0.43	0.00	0.00	0.69
0.00									
ChannelB36	1.00	0.00	0.00	0.00	0.89	0.11	0.00	0.00	0.00
0.00									
ChannelB38	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.97
0.00									
ChannelB4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.73
0.00									
ChannelB47	1.00	0.00	0.00	0.00	0.85	0.15	0.00	0.00	0.86
0.00									
ChannelB53	1.00	0.00	0.00	0.00	0.95	0.04	0.00	0.00	0.99
0.00									
ChannelB56	1.00	0.00	0.00	0.00	0.86	0.14	0.00	0.00	0.00
0.00									
ChannelB62	1.00	0.00	0.00	0.00	0.31	0.68	0.00	0.00	0.13
0.00									
ChannelB67	1.00	0.00	0.00	0.00	0.88	0.12	0.00	0.00	0.00
0.00									
ChannelB71	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.93
0.00									
ChannelB73	1.00	0.00	0.00	0.00	0.93	0.07	0.00	0.00	0.00
0.00									
ChannelB8	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
0.00									
ChannelB82	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95
0.00									
ChannelB84	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.86
0.00									
ChannelC103	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
0.00									
ChannelC105	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.80
0.00									
ChannelC107	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98
0.00									
ChannelC109	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.65
0.00									
ChannelC113	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97
0.00									
ChannelC125	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.92
0.00									

Channel127	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.76
0.00									
Channel131	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.65
0.00									
Channel134	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07
0.00									
Channel136	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.25
0.00									
Channel142	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.43
0.00									
Channel144	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.79
0.00									
Channel146	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.89
0.00									
Channel148	1.00	0.00	0.00	0.00	0.30	0.70	0.00	0.00	0.00
0.00									
Channel151	1.00	0.00	0.00	0.00	0.94	0.05	0.00	0.00	0.94
0.00									
Channel153	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.37
0.00									
Channel154	1.00	0.00	0.00	0.00	0.98	0.01	0.00	0.00	0.05
0.00									
Channel155	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.00
0.00									
Channel156	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.50
0.00									
Channel157	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.70
0.00									
Channel161	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.30
0.00									
Channel163	1.00	0.00	0.00	0.00	0.63	0.37	0.00	0.00	0.98
0.00									
Channel18	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.69
0.00									
Channel1B2A2B1B05	1.00	0.00	0.00	0.00	0.98	0.01	0.00	0.00	0.67
0.00									
Channel1B2A2B1B06	1.00	0.00	0.00	0.00	0.95	0.05	0.00	0.00	0.29
0.00									
Channel1B2A2B1B07	1.00	0.00	0.00	0.00	0.91	0.09	0.00	0.00	0.75
0.00									
Channel1B2A2B1B08	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05
0.00									
Channel25	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.16
0.00									
Channel29	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.42
0.00									
Channel34	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
0.00									
Channel41	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92
0.00									
Channel45	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
0.00									
Channel49	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95
0.00									
Channel51	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.38
0.00									
Channel60	1.00	0.00	0.00	0.00	0.91	0.09	0.00	0.00	0.82
0.00									
Channel65	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.20
0.00									

Channel C75	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.12
0.00									
Channel C80	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
0.00									
Channel C91_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
0.00									
Channel C91_2	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.12
0.00									
Channel C96	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.38
0.00									

****
Conduit Surcharge Summary
****

No conduits were surcharged.

Analysis begun on: Mon May 5 10:08:26 2025
Analysis ended on: Mon May 5 10:08:36 2025
Total elapsed time: 00:00:10

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

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.2 (Build 5.2.4)

****
Element Count
****
Number of rain gages 13
Number of subcatchments ... 135
Number of nodes 107
Number of links 106
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
12h-100y_93.8mm	12h-100y_93.8mm	INTENSITY	6 min.
12h-10y_65.3mm	12h-10y_65.3mm	INTENSITY	6 min.
12h-25y_76.9mm	12h-25y_76.9mm	INTENSITY	6 min.
12h-2y_42.3mm	12h-2y_42.3mm	INTENSITY	6 min.
12h-50y_85.4mm	12h-50y_85.4mm	INTENSITY	6 min.
12h-5y_56.2mm	12h-5y_56.2mm	INTENSITY	6 min.
24h-100y_115.6mm	24h-100y_115.6mm	INTENSITY	15 min.
24h-10y_80.4mm	24h-10y_80.4mm	INTENSITY	15 min.
24h-25y_94.7mm	24h-25y_94.7mm	INTENSITY	15 min.
24-h-2-y_52.1mm	24-h-2-y_52.1mm	INTENSITY	15 min.
24-h-50-y_105.2mm	24-h-50-y_105.2mm	INTENSITY	15 min.
24h-5y_69.2mm	24h-5y_69.2mm	INTENSITY	15 min.
Chicago25mm	Chicago25mm	INTENSITY	10 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
PAD1001Link_1	0.37	22.30	4.00	5.0350	24h-100y_115.6mm	PAD605Link
PAD1004Link	0.11	6.53	4.00	6.9790	24h-100y_115.6mm	Proposed1004Link
PAD1005Link	0.54	32.06	4.00	4.0560	24h-100y_115.6mm	Proposed1005Link
PAD1006Link_1	0.80	58.42	4.00	3.2040	24h-100y_115.6mm	Proposed1006Link
PAD1006Link_2	0.13	15.51	4.00	2.6760	24h-100y_115.6mm	Proposed1006Link
PAD1007Link_1	0.89	46.07	4.00	4.3740	24h-100y_115.6mm	Proposed1007Link
PAD1007Link_2	0.43	45.11	4.00	2.8600	24h-100y_115.6mm	Proposed1007Link

PAD1008Link_1	0.33	106.81	4.00	3.2380	24h-100y_115.6mm
J2					
PAD1009Link_2	0.07	14.89	4.00	5.7640	24h-100y_115.6mm
Proposed1009Link					
PAD1010Link	0.49	57.77	4.00	4.4720	24h-100y_115.6mm
Proposed1010Link					
PAD1011Link_1	1.02	84.88	4.00	3.5400	24h-100y_115.6mm
Proposed1011Link					
PAD1011Link_2	1.37	81.05	4.00	5.7590	24h-100y_115.6mm
Proposed1011Link					
PAD1102Link	0.51	37.05	100.00	3.9070	24h-100y_115.6mm
Proposed1102Link					
PAD1103Link	0.62	44.51	100.00	4.1860	24h-100y_115.6mm
Proposed1103Link					
PAD1104Link	0.24	19.91	100.00	3.7780	24h-100y_115.6mm
Proposed1104Link					
PAD1201Link	1.03	167.22	4.00	2.5400	24h-100y_115.6mm
Existing-Node-C1B2B1B1					
PAD1202Link	1.64	170.02	4.00	3.1070	24h-100y_115.6mm
Existing-Node-C1B2B1B1B1					
PAD1203Link	0.79	96.31	4.00	4.3730	24h-100y_115.6mm
Existing-Node-C1B2B1B1B2					
PAD1204Link	0.70	101.51	4.00	3.4460	24h-100y_115.6mm
Existing-Node-C1B2B1B1B2B1					
PAD1205Link	0.40	62.09	4.00	3.4500	24h-100y_115.6mm
Existing-Node-C1B2B1B1B2B2					
PAD1206Link	0.09	73.63	4.00	3.9250	24h-100y_115.6mm
Existing-Node-C1B2B1B1B2B3					
PAD1207Link_1	1.40	84.31	4.00	3.1130	24h-100y_115.6mm
Existing-Node-C1B2B1B1B2B3A1					
PAD1207Link_2	0.68	83.93	4.00	3.2030	24h-100y_115.6mm
Existing-Node-C1B2B1B1B2B3A1					
PAD1208Link	1.47	96.79	4.00	3.1820	24h-100y_115.6mm
Existing-Node-C1B2B1B1B2B3A2					
PAD1209Link_1	0.76	62.35	4.00	3.7720	24h-100y_115.6mm
Existing-Node-C1B2B1B1B2B3A3					
PAD1209Link_2	1.08	97.71	4.00	7.0430	24h-100y_115.6mm
Existing-Node-C1B2B1B1B2B3A3					
PAD1301Link_1	1.00	84.33	4.00	2.6250	24h-100y_115.6mm
Existing-Node-C1B2B1B1A1					
PAD1301Link_2	0.82	75.47	4.00	2.5730	24h-100y_115.6mm
Existing-Node-C1B2B1B1A1					
PAD1401Link_1	0.51	50.14	4.00	3.3330	24h-100y_115.6mm
Existing-Node-C1B2B1B1B2A1					
PAD1401Link_2	0.51	48.55	4.00	5.6370	24h-100y_115.6mm
Existing-Node-C1B2B1B1B2A1					
PAD1501Link	0.91	93.25	4.00	4.3500	24h-100y_115.6mm
Existing-Node-C1B2B1B1B2B3B1					
PAD501	0.66	97.81	4.00	4.3500	24h-100y_115.6mm
Outfall_C					
PAD502Link	0.69	121.84	4.00	3.5400	24h-100y_115.6mm
Existing-Node-C1					
PAD503Link	0.41	36.87	4.00	2.7490	24h-100y_115.6mm
Existing-Node-C1A1					
PAD504Link	1.35	86.95	4.00	2.9130	24h-100y_115.6mm
Existing-Node-C1A2					
PAD601Link	2.55	146.19	4.00	3.4850	24h-100y_115.6mm
Existing-Node-C1B1					
PAD602Link	0.46	126.46	4.00	4.5690	24h-100y_115.6mm
Existing-Node-C1B2					

PAD603Link_1	1.31	129.15	4.00	3.4550	24h-100y_115.6mm
Existing-Node-C1B2A1					
PAD603Link_2	0.51	64.75	4.00	3.0780	24h-100y_115.6mm
Existing-Node-C1B2A1					
PAD604Link_1	1.05	185.68	4.00	1.5190	24h-100y_115.6mm
Existing-Node-C1B2A2					
PAD604Link_2	2.27	114.70	4.00	1.7330	24h-100y_115.6mm
Existing-Node-C1B2A2					
PAD605Link	0.52	58.84	4.00	4.4720	24h-100y_115.6mm
Existing-Node-C1B2A2B1					
PAD613Link_1	0.10	507.50	100.00	5.0060	24h-100y_115.6mm
Proposed613Link					
PAD613Link_2	0.44	30.63	100.00	4.9770	24h-100y_115.6mm
Proposed613Link					
PAD614Link_1	0.38	26.14	100.00	4.5160	24h-100y_115.6mm
Proposed614Link					
PAD614Link_2	0.04	181.50	100.00	7.1700	24h-100y_115.6mm
Proposed614Link					
PAD614Link_3	0.01	1.46	76.00	4.7010	24h-100y_115.6mm
Proposed614Link					
PAD614Link_4	0.11	18.00	76.00	6.7640	24h-100y_115.6mm
Proposed614Link					
PAD615Link_1	0.43	29.06	100.00	5.0940	24h-100y_115.6mm
Proposed615Link					
PAD615Link_2	0.14	22.79	76.00	7.6190	24h-100y_115.6mm
Proposed615Link					
PAD615Link_3	0.17	26.95	76.00	6.9180	24h-100y_115.6mm
Proposed615Link					
PAD616Link	0.34	23.68	100.00	5.3350	24h-100y_115.6mm
Proposed616Link					
PAD701Link	0.63	200.92	4.00	2.9660	24h-100y_115.6mm
Existing-Node-C1B2B1					
PAD702Link	1.28	89.48	4.00	4.8610	24h-100y_115.6mm
Existing-Node-C1B2B1A2					
PAD703Link	1.03	109.15	4.00	6.2870	24h-100y_115.6mm
Existing-Node-C1B2B1A2					
PAD801Link	0.45	67.09	4.00	1.5720	24h-100y_115.6mm
Existing-Node-C1B2A2A1					
PAD802Link	1.07	66.36	4.00	1.5400	24h-100y_115.6mm
Existing-Node-C1B2A2A2					
PAD803Link	0.47	58.48	4.00	1.6140	24h-100y_115.6mm
Existing-Node-C1B2A2A3					
PAD804Link	0.75	107.71	4.00	2.5730	24h-100y_115.6mm
Existing-Node-C1B2A2A4					
PAD901Link_1	1.39	111.97	4.00	1.6140	24h-100y_115.6mm
Existing-Node-C1B2A2B1					
PAD901Link_2	0.76	94.39	4.00	2.0450	24h-100y_115.6mm
Existing-Node-C1B2A2B1A1					
PAD901Link_3	0.72	76.06	4.00	2.5490	24h-100y_115.6mm
Existing-Node-C1B2A2B1A1					
S1	1.22	105.91	4.00	4.3640	24h-100y_115.6mm
Existing-Node-B4A1A5					
S3	0.66	99.41	4.00	4.0820	24h-100y_115.6mm
Proposed1010Link					
S4	1.99	127.36	4.00	5.8240	24h-100y_115.6mm
Existing-Node-B4B6A5					
S40	0.02	189.00	76.00	5.5330	24h-100y_115.6mm
S5					
S41	0.02	238.00	76.00	6.0880	24h-100y_115.6mm
PAD1401Link_2					

S49_2	0.01	0.91	76.00	5.0340	24h-100y_115.6mm
S5					
S5	0.22	26.92	4.00	6.3150	24h-100y_115.6mm
Existing-Node-C1B2B1A3					
S6	0.38	78.57	4.00	4.9830	24h-100y_115.6mm
PAD1001Link_1					
S7_1	0.05	38.24	100.00	6.5980	24h-100y_115.6mm
Proposed1102Link					
S7_10	0.24	24.02	85.00	0.5000	24h-100y_115.6mm
J16					
S7_11	0.19	18.79	85.00	0.5000	24h-100y_115.6mm
J12					
S7_12	0.17	17.16	85.00	0.5000	24h-100y_115.6mm
J11					
S7_2	0.04	43.30	100.00	4.3200	24h-100y_115.6mm
Bassin					
S7_3	0.03	34.10	100.00	4.5270	24h-100y_115.6mm
Bassin					
S7_5	0.24	195.90	100.00	6.4890	24h-100y_115.6mm
Bassin					
S7_6	0.23	23.43	85.00	0.5000	24h-100y_115.6mm
J13					
S7_7	0.23	22.77	85.00	0.5000	24h-100y_115.6mm
J9					
S7_8	0.21	21.08	85.00	0.5000	24h-100y_115.6mm
J14					
S7_9	0.26	25.77	85.00	0.5000	24h-100y_115.6mm
J15					
S8	1.08	84.82	4.00	3.5410	24h-100y_115.6mm
Existing-Node-B4A1A2					
SubA	0.36	74.65	4.00	11.1390	24h-100y_115.6mm
Outfall_A					
SubA1_1	1.60	105.67	4.00	4.2180	24h-100y_115.6mm
Existing-Node-A1					
SubA1_2	0.79	129.28	4.00	4.0150	24h-100y_115.6mm
Existing-Node-A1					
SubA2	0.75	98.03	4.00	3.3480	24h-100y_115.6mm
Existing-Node-A2					
SubA2A1	1.26	154.12	4.00	2.5580	24h-100y_115.6mm
Existing-Node-A2A1					
SubA2A2	1.13	146.84	4.00	2.0030	24h-100y_115.6mm
Existing-Node-A2A2					
SubA2B1	0.94	77.69	4.00	1.9600	24h-100y_115.6mm
Existing-Node-A2B1					
SubA2B2	0.63	85.88	4.00	3.2160	24h-100y_115.6mm
Existing-Node-A2B2					
SubA2B3	1.37	256.62	4.00	2.5370	24h-100y_115.6mm
Existing-Node-A2B3					
SubA2B4	0.91	104.34	4.00	1.5940	24h-100y_115.6mm
Existing-Node-A2B4					
SubA2B5	0.53	63.33	4.00	1.7300	24h-100y_115.6mm
Existing-Node-A2B5					
SubA2B5A1_1	1.47	85.80	4.00	1.5410	24h-100y_115.6mm
Existing-Node-A2B5A1					
SubA2B5A1_2	0.68	66.41	4.00	1.3710	24h-100y_115.6mm
Existing-Node-A2B5A1					
SubA2B5B1	1.13	129.75	4.00	2.1190	24h-100y_115.6mm
Existing-Node-A2B5B1					
SubA2B5B2_1	0.87	58.68	4.00	1.5280	24h-100y_115.6mm
Existing-Node-A2B5B2					

SubA2B5B2_2	1.23	166.75	4.00	1.3550	24h-100y_115.6mm
Existing-Node-A2B5B2					
SubA2B5B3_1	1.52	101.71	4.00	1.7720	24h-100y_115.6mm
Existing-Node-A2B5B3					
SubA2B5B3_2	1.41	87.27	4.00	1.8160	24h-100y_115.6mm
Existing-Node-A2B5B3					
SubB_1	1.05	48.36	4.00	6.6450	24h-100y_115.6mm
Outfall_B					
SubB_2	0.51	64.50	4.00	5.5280	24h-100y_115.6mm
Outfall_B					
SubB1	0.48	97.84	4.00	5.4090	24h-100y_115.6mm
Existing-Node-B1					
SubB3_1	1.48	216.72	4.00	3.2570	24h-100y_115.6mm
Existing-Node-B3					
SubB3_2	1.38	127.97	4.00	2.2930	24h-100y_115.6mm
Existing-Node-B3					
SubB4	0.41	139.80	4.00	6.9640	24h-100y_115.6mm
Existing-Node-B4					
SubB4A1_1	1.31	196.77	4.00	5.0740	24h-100y_115.6mm
Existing-Node-B4A1					
SubB4A1_2	0.70	195.40	4.00	3.3540	24h-100y_115.6mm
Existing-Node-B4A1					
SubB4A1A2_1	0.84	78.79	4.00	3.0850	24h-100y_115.6mm
Existing-Node-B4A1A2					
SubB4A1A2_3	0.76	138.76	4.00	2.4740	24h-100y_115.6mm
Existing-Node-B4A1A2					
SubB4A1A3	0.49	31.40	4.00	9.3970	24h-100y_115.6mm
Existing-Node-B4A1A3					
SubB4A1A4_1	0.46	35.73	4.00	2.4970	24h-100y_115.6mm
Existing-Node-B4A1A4					
SubB4A1A4_2	1.33	103.06	4.00	5.1990	24h-100y_115.6mm
J3					
SubB4A1B1_2	1.30	83.27	4.00	2.9850	24h-100y_115.6mm
Existing-Node-B4A1B1					
SubB4A1B2	0.50	63.96	4.00	4.6370	24h-100y_115.6mm
Existing-Node-B4A1B2					
SubB4A1B3_1	0.00	0.00	4.00	2.0010	24h-100y_115.6mm
Existing-Node-B4A1B3					
SubB4A1B3_2	1.45	119.13	4.00	3.2180	24h-100y_115.6mm
Existing-Node-B4A1B3					
SubB4B1	1.14	115.47	4.00	3.0450	24h-100y_115.6mm
Existing-Node-B4B1					
SubB4B2	0.53	72.56	4.00	2.8470	24h-100y_115.6mm
Existing-Node-B4B2					
SubB4B3	0.59	73.33	4.00	2.6190	24h-100y_115.6mm
Existing-Node-B4B3					
SubB4B4_1	0.53	108.73	4.00	2.4480	24h-100y_115.6mm
Existing-Node-B4B4					
SubB4B4_2	0.70	67.55	4.00	1.7130	24h-100y_115.6mm
Existing-Node-B4B4					
SubB4B5	1.12	104.86	4.00	2.0870	24h-100y_115.6mm
Existing-Node-B4B5					
SubB4B6	0.62	84.68	4.00	2.2620	24h-100y_115.6mm
Existing-Node-B4B6					
SubB4B6A1	1.47	97.21	4.00	3.6480	24h-100y_115.6mm
Existing-Node-B4B6A1					
SubB4B6A2_1	1.00	98.97	4.00	3.7130	24h-100y_115.6mm
Existing-Node-B4B6A2					
SubB4B6A2_2	0.05	5.20	4.00	5.5680	24h-100y_115.6mm
Existing-Node-B4B6A2					

SubB4B6A3	0.22	14.11	4.00	5.0160	24h-100y_115.6mm
J2					
SubB4B6A3_3	0.37	23.90	4.00	4.1920	24h-100y_115.6mm
Existing-Node-B4B6A3					
SubB4B6A3_4	0.64	37.96	4.00	4.5470	24h-100y_115.6mm
Existing-Node-B4B6A3					
SubB4B6A3_5	1.35	220.65	4.00	2.9940	24h-100y_115.6mm
Existing-Node-B4B6A3					
SubB4B6A4_1	1.39	78.85	4.00	3.3430	24h-100y_115.6mm
Existing-Node-B4B6A4					
SubB4B6A4_2	1.16	94.23	4.00	3.5650	24h-100y_115.6mm
Existing-Node-B4B6A4					
SubB4B6A6	1.36	103.27	4.00	4.5740	24h-100y_115.6mm
Existing-Node-B4B6A6					
SubB4B6B1	1.39	122.94	4.00	1.6140	24h-100y_115.6mm
Existing-Node-B4B6B1					

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Node Summary
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Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
Existing-Node-A1	JUNCTION	93.45	1.53	0.0	
Existing-Node-A2	JUNCTION	93.93	1.10	0.0	
Existing-Node-A2A1	JUNCTION	94.84	0.88	0.0	
Existing-Node-A2A2	JUNCTION	95.03	0.94	0.0	
Existing-Node-A2B1	JUNCTION	94.09	0.98	0.0	
Existing-Node-A2B2	JUNCTION	94.12	0.98	0.0	
Existing-Node-A2B3	JUNCTION	94.27	0.77	0.0	
Existing-Node-A2B4	JUNCTION	94.53	0.71	0.0	
Existing-Node-A2B5	JUNCTION	94.71	1.29	0.0	
Existing-Node-A2B5A1	JUNCTION	94.72	1.28	0.0	
Existing-Node-A2B5B1	JUNCTION	94.82	0.26	0.0	
Existing-Node-A2B5B2	JUNCTION	94.83	0.26	0.0	
Existing-Node-A2B5B3	JUNCTION	94.92	0.18	0.0	
Existing-Node-B1	JUNCTION	93.85	2.07	0.0	
Existing-Node-B3	JUNCTION	93.90	2.11	0.0	
Existing-Node-B4	JUNCTION	93.96	2.12	0.0	
Existing-Node-B4A1	JUNCTION	94.07	1.84	0.0	
Existing-Node-B4A1A1	JUNCTION	94.66	1.22	0.0	
Existing-Node-B4A1A2	JUNCTION	94.82	1.22	0.0	
Existing-Node-B4A1A3	JUNCTION	95.09	1.50	0.0	
Existing-Node-B4A1A4	JUNCTION	95.27	1.69	0.0	
Existing-Node-B4A1A5	JUNCTION	96.40	1.69	0.0	
Existing-Node-B4A1B1	JUNCTION	94.94	1.15	0.0	
Existing-Node-B4A1B2	JUNCTION	95.08	0.73	0.0	
Existing-Node-B4A1B3	JUNCTION	95.28	0.61	0.0	
Existing-Node-B4B1	JUNCTION	94.37	1.11	0.0	
Existing-Node-B4B2	JUNCTION	94.55	1.11	0.0	
Existing-Node-B4B3	JUNCTION	94.59	1.05	0.0	
Existing-Node-B4B4	JUNCTION	94.67	0.84	0.0	
Existing-Node-B4B5	JUNCTION	94.77	0.76	0.0	
Existing-Node-B4B6	JUNCTION	94.80	0.73	0.0	
Existing-Node-B4B6A1	JUNCTION	94.97	0.38	0.0	
Existing-Node-B4B6A2	JUNCTION	95.20	0.40	0.0	
Existing-Node-B4B6A3	JUNCTION	95.66	0.27	0.0	

Existing-Node-B4B6A4	JUNCTION	95.76	0.27	0.0
Existing-Node-B4B6A5	JUNCTION	95.98	1.02	0.0
Existing-Node-B4B6A6	JUNCTION	96.14	0.86	0.0
Existing-Node-B4B6B1	JUNCTION	94.85	0.52	0.0
Existing-Node-C1	JUNCTION	93.81	0.69	0.0
Existing-Node-C1A1	JUNCTION	94.22	0.46	0.0
Existing-Node-C1A2	JUNCTION	94.25	0.46	0.0
Existing-Node-C1B1	JUNCTION	94.06	0.56	0.0
Existing-Node-C1B2	JUNCTION	94.45	0.55	0.0
Existing-Node-C1B2A1	JUNCTION	94.60	0.68	0.0
Existing-Node-C1B2A2	JUNCTION	94.76	1.00	0.0
Existing-Node-C1B2A2A1	JUNCTION	94.85	1.15	0.0
Existing-Node-C1B2A2A2	JUNCTION	94.82	1.18	0.0
Existing-Node-C1B2A2A3	JUNCTION	94.87	1.13	0.0
Existing-Node-C1B2A2A4	JUNCTION	94.90	1.10	0.0
Existing-Node-C1B2A2B1	JUNCTION	94.88	1.12	0.0
Existing-Node-C1B2A2B1A1	JUNCTION	95.18	0.20	0.0
Existing-Node-C1B2A2B1B1	JUNCTION	94.93	0.61	0.0
Existing-Node-C1B2B1	JUNCTION	94.57	0.40	0.0
Existing-Node-C1B2B1A1	JUNCTION	94.58	0.43	0.0
Existing-Node-C1B2B1A2	JUNCTION	94.98	0.68	0.0
Existing-Node-C1B2B1A3	JUNCTION	95.22	0.69	0.0
Existing-Node-C1B2B1B1	JUNCTION	94.70	0.26	0.0
Existing-Node-C1B2B1B1A1	JUNCTION	94.73	0.25	0.0
Existing-Node-C1B2B1B1B1	JUNCTION	94.86	0.30	0.0
Existing-Node-C1B2B1B1B2	JUNCTION	95.21	0.79	0.0
Existing-Node-C1B2B1B1B2A1	JUNCTION	95.34	0.47	0.0
Existing-Node-C1B2B1B1B2B1	JUNCTION	95.25	0.75	0.0
Existing-Node-C1B2B1B1B2B2	JUNCTION	95.27	0.73	0.0
Existing-Node-C1B2B1B1B2B3	JUNCTION	95.29	0.71	0.0
Existing-Node-C1B2B1B1B2B3A1	JUNCTION	95.36	0.64	0.0
Existing-Node-C1B2B1B1B2B3A2	JUNCTION	95.53	0.33	0.0
Existing-Node-C1B2B1B1B2B3A3	JUNCTION	95.54	0.33	0.0
Existing-Node-C1B2B1B1B2B3B1	JUNCTION	95.30	0.70	0.0
J1	JUNCTION	95.60	1.40	0.0
J10	JUNCTION	95.98	1.51	0.0
J11	JUNCTION	96.26	1.74	0.0
J12	JUNCTION	96.47	1.52	0.0
J13	JUNCTION	97.69	1.31	0.0
J14	JUNCTION	97.46	1.54	0.0
J15	JUNCTION	97.15	1.35	0.0
J16	JUNCTION	96.79	1.21	0.0
J2	JUNCTION	95.54	0.96	0.0
J3	JUNCTION	97.40	2.60	0.0
J4	JUNCTION	95.36	2.00	0.0
J5	JUNCTION	95.08	1.38	0.0
J6	JUNCTION	94.92	0.56	0.0
J7	JUNCTION	97.83	1.00	0.0
J8	JUNCTION	95.76	2.24	0.0
J9	JUNCTION	95.86	1.14	0.0
Proposed1003Link	JUNCTION	95.12	0.58	0.0
Proposed1004Link	JUNCTION	95.16	0.65	0.0
Proposed1005Link	JUNCTION	95.26	0.50	0.0
Proposed1006Link	JUNCTION	95.31	0.58	0.0
Proposed1007Link	JUNCTION	95.37	0.69	0.0
Proposed1008Link	JUNCTION	95.43	0.60	0.0
Proposed1009Link	JUNCTION	95.45	0.57	0.0

Proposed1010Link	JUNCTION	95.48	0.57	0.0
Proposed1011Link	JUNCTION	95.57	0.50	0.0
Proposed1101Link	JUNCTION	95.77	1.28	0.0
Proposed1102Link	JUNCTION	95.82	1.20	0.0
Proposed1103Link	JUNCTION	95.97	1.09	0.0
Proposed1104Link	JUNCTION	96.09	1.00	0.0
Proposed610Link	JUNCTION	95.11	1.89	0.0
Proposed611Link	JUNCTION	95.40	1.60	0.0
Proposed613Link	JUNCTION	95.80	1.25	0.0
Proposed614Link	JUNCTION	95.88	1.21	0.0
Proposed615Link	JUNCTION	95.98	1.05	0.0
Proposed616Link	JUNCTION	96.08	1.42	0.0
Outfall_A	OUTFALL	93.65	1.53	0.0
Outfall_B	OUTFALL	93.81	1.71	0.0
Outfall_C	OUTFALL	93.66	0.68	0.0
Bassin	STORAGE	94.40	2.50	0.0

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Link Summary
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Name	From Node	To Node	Type	Length	% Slope	Roughness
100mm_2	Proposed611Link	Proposed610Link	CONDUIT	8.0	0.6250	0.0120
150mm_3	Proposed611Link	Proposed610Link	CONDUIT	8.0	0.6250	0.0120
75mm_1	Proposed611Link	Proposed610Link	CONDUIT	8.0	2.5008	0.0120
C1_1	J7	J13	CONDUIT	50.2	0.2886	0.0120
C1_10	J16	J12	CONDUIT	107.6	0.2891	0.0120
C1_2	J9	J8	CONDUIT	35.5	0.2897	0.0120
C1_3	J13	J14	CONDUIT	78.6	0.2888	0.0120
C1_4	J10	J9	CONDUIT	42.1	0.2900	0.0120
C1_5	J11	J10	CONDUIT	94.8	0.2859	0.0120
C1_6	J12	J11	CONDUIT	75.8	0.2890	0.0120
C1_7	J14	J15	CONDUIT	105.9	0.2889	0.0120
C1_8	J15	J16	CONDUIT	126.9	0.2884	0.0120
C2	J8	J4	CONDUIT	2.9	13.8532	0.0120
ChannelA1	Existing-Node-A1	Outfall_A	CONDUIT	25.5	- 0.7852	0.0100
ChannelA2	Existing-Node-A2	Existing-Node-A1	CONDUIT	113.4	0.4234	0.0100
ChannelA2A1	Existing-Node-A2A1	Existing-Node-A2	CONDUIT	130.7	0.6962	0.0100
ChannelA2A2	Existing-Node-A2A2	Existing-Node-A2A1	CONDUIT	147.8	0.1285	0.0100

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  ChannelA2B1      Existing-Node-A2B1 Existing-Node-A2 CONDUIT          78.7
0.1981    0.0350
  ChannelA2B2      Existing-Node-A2B2 Existing-Node-A2B1 CONDUIT          27.8
0.1224    0.0100
  ChannelA2B3      Existing-Node-A2B3 Existing-Node-A2B2 CONDUIT         107.0
0.1401    0.0100
  ChannelA2B4      Existing-Node-A2B4 Existing-Node-A2B3 CONDUIT          96.3
0.2700    0.0100
  ChannelA2B5      Existing-Node-A2B5 Existing-Node-A2B4 CONDUIT          77.2
0.2331    0.0100
  ChannelA2B5A1    Existing-Node-A2B5A1 Existing-Node-A2B5 CONDUIT          22.5
0.0444    0.0350
  ChannelA2B5B1    Existing-Node-A2B5B1 Existing-Node-A2B5 CONDUIT         159.9
0.0688    0.0100
  ChannelA2B5B2    Existing-Node-A2B5B2 Existing-Node-A2B5B1 CONDUIT          10.6
0.0944    0.0100
  ChannelA2B5B3    Existing-Node-A2B5B3 Existing-Node-A2B5B2 CONDUIT         154.3
0.0583    0.0100
  ChannelB1        Existing-Node-B1 Outfall_B        CONDUIT          16.4
0.2256    0.0100
  ChannelB2212_1   Existing-Node-B4A1A5 J3               CONDUIT         126.9   -
0.7880    0.0100
  ChannelB2212_3   J3               J4               CONDUIT          18.3
11.1908    0.0100
  ChannelB2212_4   J4               Existing-Node-B4A1A4 CONDUIT         102.1
0.0881    0.0100
  ChannelB3        Existing-Node-B3 Existing-Node-B1 CONDUIT          63.7
0.0832    0.0100
  ChannelB4        Existing-Node-B4 Existing-Node-B3 CONDUIT          87.0
0.0690    0.0100
  ChannelB4A1      Existing-Node-B4A1 Existing-Node-B4 CONDUIT         105.6
0.1042    0.0100
  ChannelB4A1A1    Existing-Node-B4A1A1 Existing-Node-B4A1 CONDUIT          54.5
1.0822    0.0350
  ChannelB4A1A2    Existing-Node-B4A1A2 Existing-Node-B4A1A1 CONDUIT          41.4
0.3867    0.0100
  ChannelB4A1A3    Existing-Node-B4A1A3 Existing-Node-B4A1A2 CONDUIT          95.6
0.2824    0.0100
  ChannelB4A1A4    Existing-Node-B4A1A4 Existing-Node-B4A1A3 CONDUIT          74.8
0.2407    0.0100
  ChannelB4A1B1    Existing-Node-B4A1B1 Existing-Node-B4A1 CONDUIT         127.1
0.6868    0.0100
  ChannelB4A1B2    Existing-Node-B4A1B2 Existing-Node-B4A1B1 CONDUIT          66.8
0.2051    0.0100
  ChannelB4A1B3    Existing-Node-B4A1B3 Existing-Node-B4A1B2 CONDUIT          34.6
0.5776    0.0100
  ChannelB4B1      Existing-Node-B4B1 Existing-Node-B4 CONDUIT          55.7
0.7367    0.0100
  ChannelB4B2      Existing-Node-B4B2 Existing-Node-B4B1 CONDUIT          73.6
0.2447    0.0100
  ChannelB4B3      Existing-Node-B4B3 Existing-Node-B4B2 CONDUIT          33.3
0.1202    0.0100
  ChannelB4B4      Existing-Node-B4B4 Existing-Node-B4B3 CONDUIT          48.0
0.1666    0.0100
  ChannelB4B5      Existing-Node-B4B5 Existing-Node-B4B4 CONDUIT          86.5
0.1156    0.0100
  ChannelB4B6      Existing-Node-B4B6 Existing-Node-B4B5 CONDUIT          18.8
0.1599    0.0100
  ChannelB4B6A1    Existing-Node-B4B6A1 Existing-Node-B4B6 CONDUIT         150.1
0.1133    0.0100
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  ChannelB4B6A2    Existing-Node-B4B6A2 Existing-Node-B4B6A1 CONDUIT           23.0
1.0003    0.0100
  ChannelB4B6A3_1  Existing-Node-B4B6A3 J1               CONDUIT           30.8
0.2079    0.0100
  ChannelB4B6A3_3  J1               J2               CONDUIT           28.5
0.2105    0.0100
  ChannelB4B6A3_4  J2               Existing-Node-B4B6A2 CONDUIT          163.0
0.2062    0.0100
  ChannelB4B6A4    Existing-Node-B4B6A4 Existing-Node-B4B6A3 CONDUIT           99.5
0.1005    0.0100
  ChannelB4B6A5    Existing-Node-B4B6A5 Existing-Node-B4B6A4 CONDUIT          200.9
0.1095    0.0100
  ChannelB4B6A6    Existing-Node-B4B6A6 Existing-Node-B4B6A5 CONDUIT           85.0
0.1895    0.0350
  ChannelB4B6B1    Existing-Node-B4B6B1 Existing-Node-B4B6 CONDUIT           76.9
0.0650    0.0100
  Proposed1003LinkChannel Proposed1003Link Proposed610Link  CONDUIT           14.4
0.0418    0.0350
  Proposed1004LinkChannel Proposed1004Link Proposed1003Link CONDUIT           29.0
0.1309    0.0350
  Proposed1005LinkChannel Proposed1005Link Proposed1004Link CONDUIT          135.9
0.0773    0.0350
  Proposed1006LinkChannel Proposed1006Link Proposed1005Link CONDUIT           71.8
0.0766    0.0350
  Proposed1007LinkChannel Proposed1007Link Proposed1006Link CONDUIT           83.3
0.0624    0.0350
  Proposed1008LinkChannel Proposed1008Link Proposed1007Link CONDUIT           96.3
0.0696    0.0100
  Proposed1009LinkChannel Proposed1009Link Proposed1008Link CONDUIT           31.5
0.0508    0.0100
  Proposed1010LinkChannel Proposed1010Link Proposed1009Link CONDUIT           57.4
0.0523    0.0100
  Proposed1011LinkChannel Proposed1011Link Proposed1010Link CONDUIT           42.2
0.2132    0.0350
  Proposed1101LinkChannel Proposed1101Link Proposed613Link  CONDUIT           15.5
-0.2127    0.0100
  Proposed1102LinkChannel Proposed1102Link Proposed1101Link CONDUIT           17.0
0.3124    0.0100
  Proposed1103LinkChannel Proposed1103Link Proposed1102Link CONDUIT           47.1
0.3246    0.0100
  Proposed1104LinkChannel Proposed1104Link Proposed1103Link CONDUIT           34.7
0.3225    0.0100
  Proposed1201LinkChannel Existing-Node-C1B2B1B1 Existing-Node-C1B2B1 CONDUIT
58.3    0.2230    0.0100
  Proposed1202LinkChannel Existing-Node-C1B2B1B1B1 Existing-Node-C1B2B1B1 CONDUIT
97.2    0.1646    0.0100
  Proposed1203LinkChannel Existing-Node-C1B2B1B1B2 Existing-Node-C1B2B1B1B1 CONDUIT
204.5    0.1711    0.0100
  Proposed1204LinkChannel Existing-Node-C1B2B1B1B2B1 Existing-Node-C1B2B1B1B2
CONDUIT           58.7    0.0631    0.0350
  Proposed1205LinkChannel Existing-Node-C1B2B1B1B2B2 Existing-Node-C1B2B1B1B2B1
CONDUIT           26.3    0.0874    0.0100
  Proposed1206LinkChannel Existing-Node-C1B2B1B1B2B3 Existing-Node-C1B2B1B1B2B2
CONDUIT           22.4    0.0757    0.0350
  Proposed1207LinkChannel Existing-Node-C1B2B1B1B2B3A1 Existing-Node-C1B2B1B1B2B3
CONDUIT           23.5    0.3107    0.0350
  Proposed1208LinkChannel Existing-Node-C1B2B1B1B2B3A2 Existing-Node-C1B2B1B1B2B3A1
CONDUIT          176.6    0.0962    0.0100
  Proposed1209LinkChannel Existing-Node-C1B2B1B1B2B3A3 Existing-Node-C1B2B1B1B2B3A2
CONDUIT           77.6    0.0129    0.0100
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  Proposed1301LinkChannel Existing-Node-C1B2B1B1A1 Existing-Node-C1B2B1B1 CONDUIT
43.5    0.0690    0.0100
  Proposed1401LinkChannel Existing-Node-C1B2B1B1B2A1 Existing-Node-C1B2B1B1B2
CONDUIT          150.6    0.0863    0.0100
  Proposed1501LinkChannel Existing-Node-C1B2B1B1B2B3B1 Existing-Node-C1B2B1B1B2B3
CONDUIT           20.0    0.0649    0.0350
  Proposed502LinkChannel Existing-Node-C1 Outfall_C        CONDUIT           67.4
0.2226    0.0100
  Proposed503LinkChannel Existing-Node-C1A1 Existing-Node-C1 CONDUIT           66.2
0.6196    0.0100
  Proposed504LinkChannel Existing-Node-C1A2 Existing-Node-C1A1 CONDUIT
16.6    0.1810    0.0100
  Proposed601LinkChannel Existing-Node-C1B1 Existing-Node-C1 CONDUIT          103.7
0.2411    0.0100
  Proposed602LinkChannel Existing-Node-C1B2 Existing-Node-C1B1 CONDUIT
183.1    0.2130    0.0100
  Proposed603LinkChannel Existing-Node-C1B2A1 Existing-Node-C1B2 CONDUIT
48.4    0.3102    0.0350
  Proposed604LinkChannel Existing-Node-C1B2A2 Existing-Node-C1B2A1 CONDUIT
203.5    0.0767    0.0100
  Proposed605LinkChannel Existing-Node-C1B2A2B1 Existing-Node-C1B2A2 CONDUIT
55.0    0.2254    0.0350
  Proposed606LinkChannel_1 Existing-Node-C1B2A2B1B1 J6               CONDUIT
20.1    0.0299    0.0350
  Proposed606LinkChannel_2 J6               Existing-Node-C1B2A2B1 CONDUIT
138.3    0.0318    0.0350
  Proposed609LinkChannel_1 Proposed610Link  J5               CONDUIT           32.5
0.0830    0.0500
  Proposed609LinkChannel_2 J5               Existing-Node-C1B2A2B1B1 CONDUIT
52.8    0.2839    0.0500
  Proposed612Channel Bassin           Proposed611Link  CONDUIT            8.0   -
8.8090    0.0120
  Proposed613LinkChannel Proposed613Link  Bassin           CONDUIT           10.0
0.5600    0.0220
  Proposed614LinkChannel Proposed614Link  Proposed613Link  CONDUIT           15.7
0.4726    0.0350
  Proposed615LinkChannel Proposed615Link  Proposed614Link  CONDUIT           31.5
0.3272    0.0350
  Proposed616LinkChannel Proposed616Link  Proposed615Link  CONDUIT           30.2
0.3313    0.0350
  Proposed701LinkChannel Existing-Node-C1B2B1 Existing-Node-C1B2 CONDUIT
124.5    0.0964    0.0350
  Proposed702LinkChannel Existing-Node-C1B2B1A1 Existing-Node-C1B2B1 CONDUIT
49.5    0.0202    0.0100
  Proposed703LinkChannel Existing-Node-C1B2B1A2 Existing-Node-C1B2B1A1 CONDUIT
234.9    0.1703    0.0100
  Proposed704LinkChannel Existing-Node-C1B2B1A3 Existing-Node-C1B2B1A2 CONDUIT
144.9    0.1657    0.0100
  Proposed801LinkChannel Existing-Node-C1B2A2A1 Existing-Node-C1B2A2 CONDUIT
103.6    0.0908    0.0350
  Proposed802LinkChannel Existing-Node-C1B2A2A2 Existing-Node-C1B2A2A1 CONDUIT
10.1   -0.2970    0.0350
  Proposed803LinkChannel Existing-Node-C1B2A2A3 Existing-Node-C1B2A2A2 CONDUIT
80.5    0.0621    0.0350
  Proposed804LinkChannel Existing-Node-C1B2A2A4 Existing-Node-C1B2A2A3 CONDUIT
25.7    0.1167    0.0350
  Proposed901LinkChannel Existing-Node-C1B2A2B1A1 Existing-Node-C1B2A2B1 CONDUIT
248.2    0.1208    0.0100
```

****
Cross Section Summary
****

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
100mm_2	CIRCULAR	0.10	0.01	0.03	0.10	1	0.00
150mm_3	CIRCULAR	0.15	0.02	0.04	0.15	1	0.01
75mm_1	CIRCULAR	0.07	0.00	0.02	0.07	1	0.00
C1_1	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.00
C1_10	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.01
C1_2	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.02
C1_3	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.00
C1_4	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.02
C1_5	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	8.96
C1_6	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.00
C1_7	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.00
C1_8	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	8.99
C2	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	62.34
ChannelA1	C65	1.53	110.45	0.79	138.51	1	835.73
ChannelA2	C62	1.10	50.08	0.44	114.63	1	189.41
ChannelA2A1	C22	0.80	39.08	0.31	124.58	1	150.11
ChannelA2A2	C4	0.18	9.72	0.10	96.87	1	7.60
ChannelA2B1	TRAPEZOIDAL	0.90	2.52	0.50	4.60	1	2.02
ChannelA2B2	C55	0.98	69.20	0.55	124.59	1	163.17
ChannelA2B3	C51	0.76	52.75	0.43	123.20	1	111.88
ChannelA2B4	C46	0.71	47.71	0.35	137.79	1	123.07
ChannelA2B5	C40	0.28	13.90	0.12	114.65	1	16.39
ChannelA2B5A1	TRAPEZOIDAL	0.40	1.12	0.30	3.60	1	0.30
ChannelA2B5B1	C31	0.12	3.27	0.06	52.61	1	1.34
ChannelA2B5B2	C30	0.26	9.59	0.09	111.41	1	5.95
ChannelA2B5B3	C14	0.18	10.46	0.10	104.91	1	

Channel1B1	C9	1.71	111.43	1.11	102.12	1	565.87
Channel1B2212_1	C8	1.69	78.75	0.76	101.08	1	583.27
Channel1B2212_3	CIRCULAR	0.60	0.28	0.15	0.60	1	2.67
Channel1B2212_4	C8	1.69	78.75	0.76	101.08	1	195.06
Channel1B3	C75	2.05	186.14	1.10	168.14	1	570.88
Channel1B4	C74	2.09	176.02	1.05	166.45	1	476.73
Channel1B4A1	C50	1.84	114.01	0.81	138.64	1	320.94
Channel1B4A1A1	TRAPEZOIDAL	1.20	4.08	0.64	5.80	1	9.02
Channel1B4A1A2	C45	1.22	79.07	0.72	109.30	1	394.05
Channel1B4A1A3	C37	0.74	56.51	0.53	106.86	1	195.90
Channel1B4A1A4	C33	1.50	131.89	1.17	111.99	1	716.60
Channel1B4A1B1	C28	1.06	40.72	0.35	116.54	1	166.80
Channel1B4A1B2	C20	0.73	29.73	0.28	103.85	1	58.32
Channel1B4A1B3	C16	0.53	25.20	0.24	105.86	1	73.34
Channel1B4B1	C71	1.11	80.50	0.64	144.51	1	511.71
Channel1B4B2	C70	1.11	78.30	0.55	142.07	1	258.71
Channel1B4B3	C69	1.05	65.56	0.48	134.75	1	139.98
Channel1B4B4	C68	0.84	47.63	0.36	131.76	1	98.90
Channel1B4B5	C66	0.75	40.17	0.34	130.13	1	66.86
Channel1B4B6	C64	0.56	37.90	0.30	131.20	1	67.27
Channel1B4B6A1	C60	0.38	21.93	0.14	150.78	1	20.34
Channel1B4B6A2	C58	0.38	23.62	0.19	120.66	1	79.31
Channel1B4B6A3_1	C78	0.23	11.22	0.11	102.15	1	11.68
Channel1B4B6A3_3	CIRCULAR	0.45	0.16	0.11	0.45	1	0.17
Channel1B4B6A3_4	C78	0.23	11.22	0.11	102.15	1	11.63
Channel1B4B6A4	C39	0.27	13.05	0.11	116.20	1	9.59
Channel1B4B6A5	C27	0.17	8.02	0.08	99.08	1	5.00
Channel1B4B6A6	TRAPEZOIDAL	0.40	0.72	0.26	2.60	1	0.36
Channel1B4B6B1	C3	0.38	17.20	0.13	127.00	1	11.52
Proposed1003LinkChannel	TRAPEZOIDAL	0.50	0.75	0.27	2.50	1	0.18

	Proposed1004LinkChannel	TRAPEZOIDAL	0.50	0.75	0.27	2.50	
1	0.33						
	Proposed1005LinkChannel	TRAPEZOIDAL	0.50	0.75	0.27	2.50	
1	0.25						
	Proposed1006LinkChannel	TRAPEZOIDAL	0.50	0.75	0.27	2.50	
1	0.25						
	Proposed1007LinkChannel	TRAPEZOIDAL	0.50	0.75	0.27	2.50	
1	0.23						
	Proposed1008LinkChannel	C32	0.57	46.70	0.40	115.43	
1	67.05						
	Proposed1009LinkChannel	CIRCULAR	0.30	0.07	0.07	0.30	
1	0.03						
	Proposed1010LinkChannel	C23	0.57	41.71	0.38	111.18	
1	50.25						
	Proposed1011LinkChannel	TRAPEZOIDAL	0.50	1.00	0.31	3.00	
1	0.60						
	Proposed1101LinkChannel	TRAPEZOIDAL	1.00	3.50	0.59	5.50	
1	11.31						
	Proposed1102LinkChannel	TRAPEZOIDAL	1.00	3.50	0.59	5.50	
1	13.70						
	Proposed1103LinkChannel	TRAPEZOIDAL	1.00	3.00	0.55	5.00	
1	11.45						
	Proposed1104LinkChannel	TRAPEZOIDAL	1.00	3.00	0.55	5.00	
1	11.41						
	Proposed1201LinkChannel	C57	0.21	13.88	0.11	129.25	
1	14.77						
	Proposed1202LinkChannel	C52	0.26	21.69	0.16	133.21	
1	26.15						
	Proposed1203LinkChannel	C43	0.29	14.52	0.13	110.36	
1	15.47						
	Proposed1204LinkChannel	TRAPEZOIDAL	0.70	1.68	0.41	3.80	
1	0.66						
	Proposed1205LinkChannel	C36	0.30	22.34	0.20	113.53	
1	22.25						
	Proposed1206LinkChannel	TRAPEZOIDAL	0.23	0.57	0.19	2.92	
1	0.15						
	Proposed1207LinkChannel	TRAPEZOIDAL	0.40	0.72	0.26	2.60	
1	0.46						
	Proposed1208LinkChannel	C19	0.24	12.92	0.12	105.74	
1	10.00						
	Proposed1209LinkChannel	C13	0.33	20.66	0.21	99.45	
1	8.21						
	Proposed1301LinkChannel	C17	0.19	12.72	0.10	122.92	
1	7.35						
	Proposed1401LinkChannel	C10	0.47	25.91	0.32	80.45	
1	35.54						
	Proposed1501LinkChannel	TRAPEZOIDAL	0.40	0.72	0.26	2.60	
1	0.21						
	Proposed502LinkChannel	C77	0.68	42.34	0.21	204.48	
1	69.87						
	Proposed503LinkChannel	C11	0.38	16.10	0.14	116.94	
1	34.01						
	Proposed504LinkChannel	C7	0.45	17.45	0.17	104.30	
1	22.47						
	Proposed601LinkChannel	C76	0.36	12.34	0.13	102.08	
1	15.24						
	Proposed602LinkChannel	C73	0.54	61.49	0.32	188.39	
1	134.18						
	Proposed603LinkChannel	TRAPEZOIDAL	0.54	1.12	0.33	3.16	
1	0.85						

```
  Proposed604LinkChannel C67                  0.61    53.72     0.37   142.92
1    77.21
  Proposed605LinkChannel TRAPEZOIDAL          0.70     1.68     0.41     3.80
1     1.25
  Proposed606LinkChannel_1 TRAPEZOIDAL          0.50     2.50     0.40     6.00
1     0.67
  Proposed606LinkChannel_2 TRAPEZOIDAL          0.50     2.50     0.40     6.00
1     0.69
  Proposed609LinkChannel_1 TRAPEZOIDAL          0.30     0.78     0.23     3.20
1     0.17
  Proposed609LinkChannel_2 TRAPEZOIDAL          0.30     0.78     0.23     3.20
1     0.32
  Proposed612Channel CIRCULAR             0.30     0.07     0.07     0.30        1
0.31
  Proposed613LinkChannel TRAPEZOIDAL          1.25     4.39     0.67     6.01
1    11.39
  Proposed614LinkChannel TRAPEZOIDAL          1.21     4.76     0.69     6.35
1     7.28
  Proposed615LinkChannel TRAPEZOIDAL          1.05     3.80     0.61     5.72
1     4.48
  Proposed616LinkChannel TRAPEZOIDAL          1.00     3.50     0.59     5.50
1     4.03
  Proposed701LinkChannel TRAPEZOIDAL          0.40     0.72     0.26     2.60
1     0.26
  Proposed702LinkChannel C41                  0.39    14.90     0.14   105.39
1     5.72
  Proposed703LinkChannel C26                  0.23    11.88     0.10   114.51
1    10.78
  Proposed704LinkChannel C6                   0.68    54.09     0.54   100.34
1   145.57
  Proposed801LinkChannel TRAPEZOIDAL          0.40     1.12     0.30     3.60
1     0.43
  Proposed802LinkChannel TRAPEZOIDAL          0.70     1.68     0.41     3.80
1     1.44
  Proposed803LinkChannel TRAPEZOIDAL          0.50     1.50     0.35     4.00
1     0.53
  Proposed804LinkChannel TRAPEZOIDAL          0.50     1.00     0.31     3.00
1     0.45
  Proposed901LinkChannel C12                  0.18     3.67     0.09    38.87
1     2.64


  ****************
  Transect Summary
  ****************

  Transect C10
  Area:
              0.0002     0.0006     0.0015     0.0026     0.0040
              0.0060     0.0085     0.0118     0.0156     0.0205
              0.0271     0.0363     0.0488     0.0644     0.0821
              0.1011     0.1212     0.1421     0.1638     0.1862
              0.2090     0.2326     0.2569     0.2823     0.3085
              0.3351     0.3621     0.3891     0.4161     0.4432
              0.4704     0.4976     0.5249     0.5522     0.5795
              0.6069     0.6344     0.6620     0.6897     0.7174
              0.7453     0.7732     0.8012     0.8293     0.8574
              0.8857     0.9140     0.9425     0.9711     1.0000
  Hrad:
```

0.0146 0.0292 0.0437 0.0624 0.0768
0.0883 0.0964 0.1037 0.1184 0.1292
0.1342 0.1331 0.1381 0.1415 0.1551
0.1695 0.1813 0.2023 0.2247 0.2474
0.2695 0.2900 0.3090 0.3156 0.3404
0.3630 0.3904 0.4184 0.4466 0.4748
0.5029 0.5309 0.5589 0.5868 0.6147
0.6419 0.6689 0.6959 0.7227 0.7495
0.7761 0.8027 0.8292 0.8555 0.8817
0.9077 0.9337 0.9588 0.9795 1.0000

Width:

0.0111 0.0223 0.0334 0.0437 0.0572
0.0774 0.0992 0.1235 0.1422 0.1999
0.2609 0.3815 0.4829 0.5909 0.6235
0.6771 0.7068 0.7382 0.7602 0.7792
0.7992 0.8245 0.8532 0.8976 0.9089
0.9256 0.9297 0.9321 0.9338 0.9356
0.9373 0.9390 0.9408 0.9425 0.9442
0.9468 0.9497 0.9525 0.9553 0.9582
0.9611 0.9640 0.9669 0.9698 0.9729
0.9761 0.9792 0.9831 0.9916 1.0000

Transect C11

Area:

0.0003 0.0011 0.0022 0.0033 0.0045
0.0057 0.0071 0.0084 0.0098 0.0113
0.0129 0.0145 0.0162 0.0180 0.0202
0.0232 0.0267 0.0309 0.0359 0.0423
0.0500 0.0594 0.0705 0.0821 0.0946
0.1075 0.1208 0.1348 0.1520 0.1725
0.1942 0.2171 0.2424 0.2723 0.3041
0.3376 0.3734 0.4117 0.4534 0.4976
0.5430 0.5897 0.6371 0.6858 0.7358
0.7867 0.8388 0.8921 0.9457 1.0000

Hrad:

0.0270 0.0606 0.1095 0.1561 0.2007
0.2435 0.2848 0.3249 0.3638 0.4017
0.4388 0.4725 0.5047 0.5365 0.5536
0.5549 0.5545 0.5527 0.5476 0.5345
0.5166 0.4809 0.4811 0.4967 0.5033
0.5182 0.5330 0.5158 0.5355 0.5544
0.5851 0.6136 0.6374 0.5642 0.5975
0.6312 0.6607 0.6650 0.6846 0.6391
0.6835 0.7294 0.7758 0.8189 0.8598
0.8991 0.8664 0.9059 0.9561 1.0000

Width:

0.0107 0.0187 0.0199 0.0210 0.0221
0.0232 0.0244 0.0255 0.0266 0.0278
0.0289 0.0302 0.0315 0.0329 0.0490
0.0599 0.0690 0.0837 0.1039 0.1290
0.1522 0.1952 0.2065 0.2209 0.2327
0.2386 0.2461 0.2750 0.3507 0.3861
0.4048 0.4374 0.5017 0.5637 0.5960
0.6338 0.6743 0.7263 0.7845 0.8189
0.8464 0.8596 0.8786 0.9046 0.9208
0.9396 0.9628 0.9764 0.9836 1.0000

Transect C12

Area:

0.0006	0.0025	0.0048	0.0074	0.0102
0.0134	0.0168	0.0207	0.0252	0.0312
0.0384	0.0462	0.0547	0.0639	0.0741
0.0856	0.0988	0.1136	0.1295	0.1463
0.1640	0.1824	0.2014	0.2209	0.2408
0.2619	0.2851	0.3102	0.3360	0.3620
0.3885	0.4155	0.4430	0.4712	0.4998
0.5288	0.5583	0.5881	0.6184	0.6491
0.6803	0.7118	0.7451	0.7805	0.8162
0.8524	0.8888	0.9254	0.9624	1.0000

Hrad:

0.0190	0.0426	0.0737	0.1024	0.1294
0.1550	0.1793	0.1858	0.1883	0.1724
0.1934	0.2144	0.2363	0.2519	0.2600
0.2751	0.2919	0.2794	0.2999	0.3222
0.3441	0.3684	0.3971	0.4256	0.4537
0.4758	0.4925	0.4611	0.4912	0.5245
0.5517	0.5775	0.6030	0.6298	0.6582
0.6864	0.7142	0.7418	0.7692	0.7964
0.8233	0.8500	0.8048	0.8326	0.8603
0.8918	0.9230	0.9541	0.9805	1.0000

Width:

0.0330	0.0576	0.0648	0.0719	0.0791
0.0862	0.0935	0.1112	0.1341	0.1808
0.1985	0.2157	0.2316	0.2535	0.2850
0.3249	0.3686	0.4064	0.4318	0.4541
0.4765	0.4951	0.5073	0.5191	0.5309
0.5851	0.6381	0.6728	0.6839	0.6902
0.7041	0.7194	0.7348	0.7481	0.7593
0.7704	0.7816	0.7928	0.8039	0.8151
0.8263	0.8374	0.9258	0.9374	0.9487
0.9558	0.9629	0.9700	0.9816	1.0000

Transect C13

Area:

0.0003	0.0010	0.0023	0.0041	0.0069
0.0102	0.0142	0.0189	0.0250	0.0327
0.0419	0.0529	0.0660	0.0814	0.0981
0.1153	0.1326	0.1508	0.1697	0.1891
0.2086	0.2287	0.2497	0.2712	0.2930
0.3153	0.3382	0.3617	0.3857	0.4103
0.4365	0.4639	0.4916	0.5198	0.5482
0.5769	0.6058	0.6349	0.6642	0.6937
0.7233	0.7531	0.7831	0.8132	0.8436
0.8743	0.9052	0.9366	0.9683	1.0000

Hrad:

0.0159	0.0331	0.0491	0.0592	0.0766
0.0974	0.1160	0.1325	0.1454	0.1548
0.1643	0.1716	0.1718	0.1725	0.1824
0.2127	0.2417	0.2618	0.2806	0.3096
0.3389	0.3645	0.3897	0.4156	0.4399
0.4644	0.4844	0.5106	0.5364	0.5614
0.5793	0.5672	0.5938	0.6196	0.6471
0.6726	0.6978	0.7249	0.7528	0.7806
0.8082	0.8358	0.8633	0.8897	0.9152

0.9405 0.9628 0.9408 0.9704 1.0000

Width:

0.0165 0.0314 0.0460 0.0735 0.0962
0.1143 0.1366 0.1668 0.2154 0.2682
0.3081 0.3806 0.4513 0.5101 0.5380
0.5421 0.5576 0.5807 0.6050 0.6108
0.6226 0.6473 0.6688 0.6821 0.6944
0.7062 0.7315 0.7483 0.7618 0.7949
0.8499 0.8657 0.8807 0.8925 0.8980
0.9058 0.9140 0.9198 0.9248 0.9298
0.9351 0.9405 0.9461 0.9528 0.9603
0.9680 0.9802 0.9956 0.9978 1.0000

Transect C14

Area:

0.0002 0.0010 0.0020 0.0037 0.0061
0.0090 0.0121 0.0155 0.0191 0.0229
0.0271 0.0319 0.0372 0.0427 0.0486
0.0568 0.0665 0.0772 0.0899 0.1035
0.1189 0.1365 0.1552 0.1746 0.1949
0.2165 0.2398 0.2650 0.2923 0.3224
0.3536 0.3852 0.4173 0.4500 0.4835
0.5172 0.5511 0.5850 0.6190 0.6531
0.6873 0.7216 0.7559 0.7903 0.8248
0.8595 0.8943 0.9292 0.9644 1.0000

Hrad:

0.0179 0.0381 0.0648 0.0787 0.0861
0.1061 0.1327 0.1585 0.1840 0.2087
0.2286 0.2225 0.2457 0.2685 0.2902
0.2890 0.3022 0.3129 0.3134 0.3265
0.3202 0.3343 0.3521 0.3716 0.3913
0.4022 0.4004 0.4150 0.4149 0.4128
0.4085 0.4398 0.4656 0.4929 0.5123
0.5467 0.5810 0.6152 0.6493 0.6835
0.7177 0.7518 0.7858 0.8189 0.8517
0.8843 0.9161 0.9478 0.9719 1.0000

Width:

0.0109 0.0262 0.0312 0.0558 0.0770
0.0846 0.0914 0.0978 0.1039 0.1099
0.1254 0.1435 0.1513 0.1592 0.1751
0.2591 0.2841 0.3344 0.3709 0.3960
0.4779 0.5091 0.5340 0.5532 0.5853
0.6264 0.6801 0.7316 0.8040 0.8651
0.8808 0.8890 0.9088 0.9249 0.9441
0.9465 0.9489 0.9513 0.9537 0.9558
0.9579 0.9601 0.9622 0.9652 0.9686
0.9720 0.9762 0.9805 0.9923 1.0000

Transect C16

Area:

0.0007 0.0023 0.0046 0.0085 0.0136
0.0202 0.0276 0.0352 0.0431 0.0510
0.0595 0.0686 0.0784 0.0886 0.0991
0.1098 0.1212 0.1328 0.1446 0.1566
0.1688 0.1811 0.1936 0.2064 0.2196
0.2329 0.2469 0.2626 0.2794 0.2972
0.3166 0.3373 0.3602 0.3861 0.4159

0.4481 0.4817 0.5167 0.5526 0.5894
0.6272 0.6657 0.7053 0.7454 0.7860
0.8271 0.8690 0.9119 0.9558 1.0000

Hrad:

0.0287 0.0515 0.0806 0.0942 0.1056
0.1263 0.1637 0.2044 0.2441 0.2830
0.3193 0.3527 0.3482 0.3841 0.4196
0.4544 0.4711 0.5080 0.5449 0.5814
0.6171 0.6524 0.6854 0.7136 0.7414
0.7720 0.8006 0.7739 0.7965 0.8217
0.8440 0.8593 0.8704 0.8620 0.7616
0.7749 0.7864 0.7017 0.7346 0.7563
0.7907 0.8230 0.8557 0.8881 0.9201
0.9517 0.9852 1.0145 0.9744 1.0000

Width:

0.0255 0.0446 0.0686 0.0990 0.1352
0.1601 0.1686 0.1724 0.1764 0.1819
0.1960 0.2099 0.2252 0.2308 0.2362
0.2481 0.2573 0.2615 0.2654 0.2694
0.2735 0.2776 0.2825 0.2893 0.2961
0.3017 0.3344 0.3625 0.3876 0.4174
0.4456 0.4874 0.5392 0.6184 0.6995
0.7338 0.7665 0.7951 0.8108 0.8364
0.8508 0.8736 0.8890 0.9008 0.9123
0.9261 0.9482 0.9674 0.9809 1.0000

Transect C17

Area:

0.0003 0.0007 0.0012 0.0018 0.0024
0.0032 0.0041 0.0054 0.0069 0.0090
0.0119 0.0153 0.0193 0.0243 0.0313
0.0397 0.0507 0.0637 0.0786 0.0953
0.1125 0.1309 0.1503 0.1709 0.1920
0.2139 0.2370 0.2617 0.2874 0.3144
0.3429 0.3726 0.4032 0.4344 0.4662
0.4986 0.5320 0.5667 0.6018 0.6372
0.6727 0.7083 0.7441 0.7801 0.8162
0.8526 0.8891 0.9259 0.9628 1.0000

Hrad:

0.0256 0.0544 0.0799 0.1035 0.1258
0.1474 0.1409 0.1528 0.1668 0.1734
0.1733 0.1828 0.1960 0.2042 0.2053
0.2056 0.1956 0.2063 0.2247 0.2467
0.2723 0.2978 0.3216 0.3488 0.3762
0.3953 0.4218 0.4460 0.4708 0.4891
0.5102 0.5218 0.5471 0.5754 0.6018
0.6273 0.6407 0.6124 0.6381 0.6735
0.7088 0.7429 0.7770 0.8106 0.8428
0.8754 0.9091 0.9421 0.9736 1.0000

Width:

0.0098 0.0122 0.0146 0.0170 0.0194
0.0218 0.0293 0.0350 0.0502 0.0636
0.0858 0.0982 0.1137 0.1619 0.2056
0.2603 0.3235 0.3691 0.4317 0.4508
0.4753 0.5000 0.5371 0.5565 0.5730
0.5968 0.6364 0.6754 0.7001 0.7432
0.7746 0.8056 0.8264 0.8385 0.8548

0.8744 0.9154 0.9300 0.9420 0.9449
0.9479 0.9522 0.9564 0.9610 0.9671
0.9725 0.9766 0.9815 0.9878 1.0000

Transect C19
Area:
0.0002 0.0006 0.0013 0.0026 0.0042
0.0061 0.0084 0.0109 0.0140 0.0180
0.0228 0.0283 0.0346 0.0413 0.0485
0.0561 0.0643 0.0731 0.0830 0.0937
0.1050 0.1172 0.1305 0.1449 0.1613
0.1794 0.1997 0.2228 0.2487 0.2763
0.3054 0.3357 0.3673 0.4002 0.4342
0.4690 0.5044 0.5402 0.5768 0.6137
0.6510 0.6887 0.7268 0.7653 0.8041
0.8431 0.8822 0.9213 0.9606 1.0000
Hrad:
0.0193 0.0406 0.0617 0.0663 0.0940
0.1231 0.1502 0.1760 0.1946 0.2080
0.2223 0.2304 0.2496 0.2700 0.2908
0.3116 0.3311 0.3501 0.3499 0.3711
0.3918 0.4108 0.4272 0.4407 0.4509
0.4637 0.4686 0.4571 0.4694 0.4838
0.4569 0.4796 0.4949 0.5173 0.5438
0.5431 0.5763 0.6089 0.6414 0.6739
0.7065 0.7386 0.7707 0.8007 0.8337
0.8561 0.8921 0.9281 0.9641 1.0000
Width:
0.0078 0.0146 0.0223 0.0381 0.0448
0.0528 0.0603 0.0674 0.0904 0.1121
0.1296 0.1545 0.1651 0.1760 0.1879
0.2000 0.2144 0.2302 0.2632 0.2778
0.2958 0.3248 0.3482 0.3877 0.4398
0.4775 0.5503 0.6196 0.6812 0.7190
0.7530 0.7862 0.8173 0.8507 0.8752
0.8900 0.9023 0.9196 0.9316 0.9410
0.9503 0.9607 0.9712 0.9815 0.9872
0.9898 0.9924 0.9949 0.9975 1.0000

Transect C20
Area:
0.0002 0.0006 0.0014 0.0024 0.0036
0.0048 0.0061 0.0075 0.0090 0.0113
0.0146 0.0184 0.0225 0.0270 0.0319
0.0372 0.0428 0.0492 0.0569 0.0656
0.0753 0.0859 0.0976 0.1104 0.1237
0.1397 0.1580 0.1785 0.2001 0.2235
0.2477 0.2725 0.2991 0.3284 0.3600
0.3930 0.4268 0.4622 0.5014 0.5431
0.5861 0.6294 0.6730 0.7169 0.7624
0.8089 0.8559 0.9032 0.9510 1.0000
Hrad:
0.0253 0.0506 0.0759 0.1080 0.1510
0.1920 0.2314 0.2694 0.3060 0.3104
0.3105 0.3198 0.3361 0.3513 0.3690
0.3886 0.4095 0.4264 0.4392 0.4478
0.4534 0.4651 0.3967 0.4330 0.4564

0.4235 0.4487 0.4298 0.4612 0.4750
0.5122 0.5484 0.5612 0.5527 0.5611
0.5963 0.6357 0.6659 0.6380 0.6414
0.6885 0.7352 0.7803 0.8236 0.8405
0.8748 0.9209 0.9639 1.0014 1.0000
Width:
0.0060 0.0120 0.0180 0.0224 0.0237
0.0251 0.0264 0.0277 0.0308 0.0598
0.0699 0.0781 0.0849 0.0923 0.1001
0.1077 0.1153 0.1412 0.1615 0.1815
0.2005 0.2182 0.2476 0.2558 0.2798
0.3339 0.3855 0.4169 0.4350 0.4702
0.4833 0.4967 0.5483 0.5964 0.6414
0.6590 0.6793 0.7222 0.7977 0.8465
0.8512 0.8559 0.8623 0.8776 0.9070
0.9246 0.9294 0.9369 0.9496 1.0000

Transect C22
Area:
0.0001 0.0003 0.0007 0.0013 0.0020
0.0029 0.0044 0.0072 0.0108 0.0147
0.0188 0.0231 0.0280 0.0334 0.0390
0.0448 0.0509 0.0572 0.0639 0.0721
0.0829 0.0946 0.1088 0.1249 0.1418
0.1597 0.1782 0.1971 0.2168 0.2376
0.2596 0.2828 0.3071 0.3320 0.3575
0.3837 0.4132 0.4493 0.4859 0.5247
0.5667 0.6115 0.6580 0.7051 0.7527
0.8010 0.8500 0.8995 0.9494 1.0000
Hrad:
0.0254 0.0508 0.0762 0.1016 0.1270
0.1489 0.1437 0.1068 0.1479 0.1887
0.2267 0.2587 0.2755 0.3082 0.3468
0.3844 0.4189 0.4508 0.4696 0.4853
0.4930 0.5085 0.5033 0.3886 0.4114
0.4471 0.4846 0.5218 0.5472 0.5658
0.5890 0.6036 0.6354 0.6705 0.7065
0.7267 0.5854 0.6330 0.6615 0.7026
0.7353 0.6880 0.7147 0.7603 0.7959
0.8395 0.8782 0.9229 0.9639 1.0000
Width:
0.0032 0.0064 0.0096 0.0128 0.0160
0.0196 0.0405 0.0677 0.0732 0.0777
0.0826 0.0893 0.1016 0.1082 0.1124
0.1165 0.1214 0.1267 0.1359 0.2001
0.2214 0.2455 0.3054 0.3211 0.3445
0.3570 0.3675 0.3776 0.3959 0.4197
0.4405 0.4684 0.4831 0.4950 0.5058
0.5279 0.7058 0.7096 0.7372 0.7990
0.8609 0.8917 0.9206 0.9274 0.9456
0.9542 0.9679 0.9747 0.9850 1.0000

Transect C23
Area:
0.0005 0.0023 0.0058 0.0104 0.0168
0.0252 0.0345 0.0451 0.0570 0.0702
0.0853 0.1023 0.1204 0.1395 0.1592

0.1797 0.2003 0.2210 0.2417 0.2625
0.2833 0.3041 0.3250 0.3459 0.3669
0.3880 0.4091 0.4303 0.4515 0.4728
0.4942 0.5157 0.5373 0.5594 0.5822
0.6061 0.6307 0.6559 0.6818 0.7088
0.7366 0.7649 0.7934 0.8223 0.8516
0.8811 0.9105 0.9401 0.9697 1.0000
Hrad:
0.0157 0.0259 0.0453 0.0648 0.0756
0.0967 0.1185 0.1388 0.1576 0.1723
0.1707 0.1868 0.1971 0.2235 0.2493
0.2605 0.2897 0.3189 0.3481 0.3771
0.4062 0.4351 0.4640 0.4925 0.5207
0.5488 0.5769 0.6048 0.6325 0.6601
0.6876 0.7150 0.7423 0.7686 0.7940
0.8171 0.8385 0.8594 0.8110 0.8283
0.8439 0.8656 0.8870 0.9072 0.8628
0.8910 0.9186 0.9461 0.9735 1.0000
Width:
0.0298 0.0997 0.1300 0.1685 0.2503
0.2908 0.3243 0.3628 0.4026 0.4555
0.5268 0.5776 0.6058 0.6365 0.6521
0.6736 0.6749 0.6763 0.6777 0.6790
0.6804 0.6817 0.6831 0.6849 0.6870
0.6890 0.6911 0.6932 0.6955 0.6978
0.7001 0.7024 0.7161 0.7315 0.7636
0.7940 0.8137 0.8329 0.8583 0.9001
0.9169 0.9276 0.9383 0.9527 0.9607
0.9623 0.9645 0.9668 0.9751 1.0000

Transect C26
Area:
0.0000 0.0002 0.0004 0.0006 0.0010
0.0015 0.0020 0.0026 0.0032 0.0039
0.0047 0.0061 0.0084 0.0112 0.0144
0.0184 0.0244 0.0324 0.0418 0.0531
0.0660 0.0803 0.0955 0.1118 0.1292
0.1479 0.1679 0.1898 0.2137 0.2386
0.2645 0.2920 0.3215 0.3532 0.3864
0.4213 0.4572 0.4941 0.5320 0.5712
0.6112 0.6521 0.6936 0.7357 0.7784
0.8221 0.8662 0.9106 0.9552 1.0000
Hrad:
0.0225 0.0450 0.0674 0.0899 0.1124
0.1349 0.1574 0.1861 0.2165 0.2458
0.2705 0.2616 0.2468 0.2465 0.2544
0.2617 0.2389 0.2452 0.2564 0.2674
0.2826 0.3009 0.3248 0.3503 0.3758
0.3959 0.4174 0.4238 0.4468 0.4703
0.4946 0.4930 0.5035 0.5196 0.5414
0.5710 0.6021 0.6247 0.6567 0.6829
0.7092 0.7400 0.7791 0.8178 0.8501
0.8474 0.8885 0.9282 0.9677 1.0000
Width:
0.0018 0.0036 0.0054 0.0072 0.0090
0.0108 0.0126 0.0138 0.0149 0.0159
0.0214 0.0436 0.0563 0.0660 0.0771

0.1012 0.1585 0.1952 0.2276 0.2734
0.2996 0.3289 0.3506 0.3748 0.3990
0.4308 0.4699 0.5140 0.5437 0.5660
0.5878 0.6333 0.6820 0.7253 0.7617
0.7886 0.8103 0.8327 0.8578 0.8834
0.8977 0.9188 0.9304 0.9410 0.9611
0.9809 0.9847 0.9898 0.9949 1.0000

Transect C27
Area:
0.0004 0.0013 0.0023 0.0035 0.0048
0.0062 0.0084 0.0113 0.0152 0.0197
0.0249 0.0313 0.0389 0.0470 0.0556
0.0646 0.0739 0.0836 0.0940 0.1050
0.1172 0.1306 0.1448 0.1601 0.1763
0.1934 0.2117 0.2313 0.2528 0.2766
0.3023 0.3297 0.3582 0.3891 0.4213
0.4553 0.4903 0.5261 0.5625 0.5993
0.6369 0.6756 0.7150 0.7549 0.7952
0.8357 0.8764 0.9174 0.9586 1.0000
Hrad:
0.0205 0.0536 0.0868 0.1175 0.1465
0.1740 0.1825 0.1764 0.1460 0.1751
0.1855 0.2083 0.2033 0.2324 0.2649
0.2988 0.3318 0.3633 0.3900 0.4130
0.4394 0.4400 0.4265 0.4581 0.4880
0.5167 0.5433 0.5663 0.5861 0.6034
0.6199 0.6384 0.6582 0.6676 0.6782
0.6787 0.6947 0.6951 0.7190 0.7456
0.7710 0.7947 0.7729 0.8074 0.8292
0.8665 0.9032 0.9397 0.9626 1.0000
Width:
0.0181 0.0238 0.0266 0.0294 0.0322
0.0371 0.0630 0.0805 0.1029 0.1146
0.1410 0.1678 0.1892 0.2028 0.2124
0.2200 0.2278 0.2420 0.2575 0.2779
0.3082 0.3331 0.3563 0.3800 0.3970
0.4282 0.4555 0.4947 0.5474 0.5966
0.6409 0.6751 0.7099 0.7595 0.7959
0.8323 0.8528 0.8698 0.8832 0.8949
0.9215 0.9408 0.9575 0.9662 0.9733
0.9782 0.9843 0.9907 0.9959 1.0000

Transect C28
Area:
0.0003 0.0014 0.0027 0.0042 0.0058
0.0076 0.0096 0.0117 0.0144 0.0176
0.0213 0.0253 0.0296 0.0343 0.0393
0.0447 0.0504 0.0565 0.0630 0.0698
0.0791 0.0906 0.1035 0.1178 0.1336
0.1506 0.1694 0.1900 0.2122 0.2354
0.2596 0.2845 0.3102 0.3367 0.3640
0.3923 0.4214 0.4511 0.4815 0.5126
0.5452 0.5788 0.6131 0.6525 0.7045
0.7611 0.8198 0.8794 0.9394 1.0000
Hrad:
0.0304 0.0667 0.1163 0.1619 0.2046

0.2453 0.2863 0.3236 0.3493 0.3717
0.3951 0.4202 0.4466 0.4713 0.4967
0.5230 0.5497 0.5760 0.6010 0.6242
0.6246 0.6185 0.5605 0.5794 0.5942
0.5920 0.5863 0.6026 0.5660 0.6035
0.6432 0.6856 0.7225 0.7613 0.7961
0.8307 0.8714 0.9143 0.9526 0.9899
1.0019 1.0373 1.0782 1.1019 1.0604
1.0496 0.8441 0.8947 0.9476 1.0000

Width:

0.0113 0.0204 0.0230 0.0256 0.0283
0.0309 0.0333 0.0396 0.0494 0.0563
0.0627 0.0685 0.0740 0.0799 0.0856
0.0913 0.0970 0.1030 0.1094 0.1256
0.1758 0.1998 0.2273 0.2471 0.2689
0.2936 0.3249 0.3507 0.3747 0.3900
0.4035 0.4149 0.4292 0.4422 0.4572
0.4722 0.4836 0.4934 0.5055 0.5226
0.5443 0.5582 0.5730 0.7674 0.9106
0.9556 0.9718 0.9832 0.9916 1.0000

Transect C3

Area:

0.0009 0.0024 0.0043 0.0063 0.0085
0.0107 0.0132 0.0158 0.0185 0.0213
0.0243 0.0275 0.0309 0.0343 0.0380
0.0418 0.0458 0.0499 0.0543 0.0597
0.0677 0.0777 0.0904 0.1076 0.1280
0.1502 0.1731 0.1966 0.2206 0.2451
0.2703 0.2961 0.3224 0.3494 0.3770
0.4052 0.4337 0.4627 0.4932 0.5254
0.5594 0.5962 0.6369 0.6839 0.7338
0.7850 0.8378 0.8910 0.9450 1.0000

Hrad:

0.0390 0.0764 0.1246 0.1699 0.2131
0.2543 0.2941 0.3341 0.3712 0.4055
0.4393 0.4724 0.5051 0.5374 0.5693
0.6009 0.6349 0.6678 0.6972 0.7143
0.7012 0.6698 0.6206 0.5881 0.5582
0.5476 0.5538 0.5676 0.5941 0.6233
0.6510 0.6831 0.7168 0.7372 0.7728
0.8095 0.8513 0.8938 0.9050 0.9380
0.9748 1.0046 1.0290 1.0022 1.0239
1.0506 0.9638 1.0095 1.0308 1.0000

Width:

0.0225 0.0321 0.0346 0.0372 0.0398
0.0423 0.0449 0.0472 0.0498 0.0526
0.0555 0.0583 0.0611 0.0640 0.0668
0.0696 0.0722 0.0748 0.0838 0.1213
0.1619 0.1982 0.2688 0.3435 0.3860
0.4054 0.4151 0.4256 0.4342 0.4439
0.4589 0.4669 0.4751 0.4900 0.4992
0.5083 0.5151 0.5243 0.5649 0.5881
0.6286 0.6854 0.7847 0.8772 0.9092
0.9284 0.9517 0.9560 0.9751 1.0000

Transect C30

Area:

0.0000	0.0001	0.0003	0.0005	0.0007
0.0010	0.0014	0.0018	0.0023	0.0028
0.0034	0.0041	0.0048	0.0055	0.0063
0.0071	0.0080	0.0089	0.0098	0.0107
0.0117	0.0136	0.0170	0.0212	0.0268
0.0360	0.0497	0.0662	0.0851	0.1052
0.1278	0.1531	0.1803	0.2097	0.2430
0.2785	0.3155	0.3555	0.3982	0.4442
0.4923	0.5424	0.5946	0.6489	0.7053
0.7627	0.8208	0.8797	0.9394	1.0000

Hrad:

0.0288	0.0576	0.0864	0.1153	0.1441
0.1729	0.2017	0.2305	0.2593	0.2882
0.3170	0.3458	0.3746	0.4141	0.4534
0.4919	0.5297	0.5667	0.6032	0.6391
0.6745	0.6508	0.5826	0.5334	0.4931
0.4260	0.3801	0.3621	0.3660	0.3878
0.4088	0.4330	0.4595	0.4833	0.4770
0.5094	0.5352	0.5617	0.5939	0.6244
0.6616	0.7001	0.7377	0.7545	0.7893
0.8329	0.8764	0.9211	0.9702	1.0000

Width:

0.0009	0.0018	0.0028	0.0037	0.0046
0.0055	0.0065	0.0074	0.0083	0.0092
0.0101	0.0111	0.0120	0.0125	0.0131
0.0136	0.0141	0.0147	0.0152	0.0157
0.0163	0.0482	0.0622	0.0769	0.1052
0.1972	0.2491	0.2908	0.3191	0.3390
0.3949	0.4295	0.4595	0.5028	0.5664
0.5911	0.6265	0.6721	0.7290	0.7677
0.8030	0.8362	0.8666	0.9011	0.9318
0.9418	0.9535	0.9716	0.9780	1.0000

Transect C31

Area:

0.0001	0.0014	0.0046	0.0093	0.0151
0.0213	0.0280	0.0353	0.0432	0.0516
0.0603	0.0692	0.0784	0.0879	0.0979
0.1085	0.1200	0.1325	0.1458	0.1597
0.1744	0.1900	0.2062	0.2228	0.2401
0.2582	0.2773	0.2984	0.3214	0.3462
0.3721	0.3995	0.4288	0.4587	0.4889
0.5196	0.5507	0.5823	0.6145	0.6475
0.6811	0.7153	0.7499	0.7849	0.8201
0.8555	0.8911	0.9271	0.9633	1.0000

Hrad:

0.0168	0.0240	0.0429	0.0696	0.0952
0.1271	0.1571	0.1771	0.2042	0.2337
0.2632	0.2923	0.3210	0.3510	0.3808
0.4065	0.4271	0.4486	0.4706	0.4921
0.4967	0.5220	0.5475	0.5733	0.5982
0.6220	0.6442	0.6614	0.6772	0.6920
0.7076	0.7128	0.6800	0.7028	0.7264
0.7505	0.7751	0.7963	0.8047	0.8323
0.8593	0.8864	0.9134	0.9198	0.9489
0.9771	1.0036	1.0301	1.0573	1.0000

Width:

0.0114	0.0585	0.1117	0.1425	0.1629
0.1744	0.1864	0.2081	0.2217	0.2310
0.2381	0.2453	0.2525	0.2597	0.2781
0.2993	0.3255	0.3483	0.3671	0.3855
0.4213	0.4293	0.4430	0.4564	0.4779
0.5021	0.5357	0.6008	0.6480	0.6871
0.7159	0.7737	0.8014	0.8128	0.8241
0.8354	0.8462	0.8630	0.8790	0.9046
0.9170	0.9294	0.9418	0.9499	0.9541
0.9599	0.9685	0.9770	0.9846	1.0000

Transect C32

Area:

0.0005	0.0017	0.0044	0.0079	0.0123
0.0186	0.0266	0.0359	0.0462	0.0580
0.0725	0.0886	0.1062	0.1257	0.1467
0.1684	0.1905	0.2125	0.2347	0.2568
0.2790	0.3013	0.3236	0.3459	0.3683
0.3908	0.4133	0.4362	0.4594	0.4831
0.5072	0.5315	0.5564	0.5815	0.6067
0.6320	0.6574	0.6829	0.7084	0.7340
0.7596	0.7853	0.8113	0.8374	0.8638
0.8903	0.9171	0.9444	0.9720	1.0000

Hrad:

0.0190	0.0309	0.0403	0.0598	0.0724
0.0819	0.0964	0.1074	0.1315	0.1522
0.1671	0.1800	0.1774	0.1829	0.2009
0.2266	0.2449	0.2727	0.3005	0.3282
0.3559	0.3836	0.4110	0.4381	0.4652
0.4922	0.5175	0.5347	0.5598	0.5814
0.5963	0.6223	0.6477	0.6534	0.6794
0.7057	0.7319	0.7582	0.7851	0.8118
0.8386	0.8651	0.8913	0.9172	0.9429
0.9684	0.9935	1.0175	1.0383	1.0000

Width:

0.0248	0.0696	0.1134	0.1385	0.1815
0.2521	0.3090	0.3466	0.3844	0.4780
0.5438	0.5900	0.6628	0.7206	0.7609
0.7738	0.7804	0.7818	0.7832	0.7847
0.7861	0.7876	0.7893	0.7914	0.7935
0.7956	0.8004	0.8174	0.8264	0.8481
0.8519	0.8716	0.8850	0.8911	0.8942
0.8967	0.8993	0.9015	0.9031	0.9047
0.9064	0.9141	0.9226	0.9279	0.9332
0.9431	0.9529	0.9730	0.9834	1.0000

Transect C33

Area:

0.0011	0.0038	0.0090	0.0174	0.0294
0.0426	0.0571	0.0723	0.0878	0.1036
0.1197	0.1364	0.1540	0.1728	0.1927
0.2145	0.2368	0.2592	0.2816	0.3041
0.3266	0.3491	0.3716	0.3942	0.4167
0.4393	0.4620	0.4846	0.5072	0.5299
0.5526	0.5753	0.5981	0.6210	0.6440
0.6671	0.6902	0.7134	0.7367	0.7600

0.7835 0.8070 0.8306 0.8543 0.8781
0.9020 0.9261 0.9504 0.9750 1.0000
Hrad:
0.0133 0.0311 0.0419 0.0489 0.0601
0.0812 0.0980 0.1211 0.1443 0.1674
0.1898 0.2078 0.2191 0.2367 0.2471
0.2675 0.2719 0.2973 0.3227 0.3480
0.3733 0.3986 0.4239 0.4491 0.4743
0.4996 0.5248 0.5501 0.5753 0.6005
0.6256 0.6507 0.6757 0.7006 0.7254
0.7501 0.7747 0.7988 0.8228 0.8467
0.8705 0.8942 0.9179 0.9413 0.9636
0.9857 1.0077 1.0268 1.0425 1.0000
Width:
0.0817 0.1379 0.2574 0.4135 0.4925
0.5411 0.5865 0.6007 0.6124 0.6241
0.6413 0.6702 0.7181 0.7462 0.8446
0.8639 0.8764 0.8773 0.8782 0.8792
0.8801 0.8810 0.8820 0.8829 0.8838
0.8846 0.8853 0.8861 0.8868 0.8875
0.8883 0.8903 0.8940 0.8978 0.9010
0.9036 0.9062 0.9093 0.9125 0.9156
0.9188 0.9220 0.9252 0.9285 0.9340
0.9397 0.9456 0.9553 0.9686 1.0000

Transect C36
Area:
0.0001 0.0005 0.0018 0.0036 0.0057
0.0083 0.0117 0.0166 0.0225 0.0292
0.0373 0.0472 0.0579 0.0696 0.0829
0.0980 0.1150 0.1330 0.1520 0.1718
0.1926 0.2144 0.2372 0.2611 0.2861
0.3118 0.3384 0.3653 0.3926 0.4201
0.4477 0.4757 0.5038 0.5322 0.5607
0.5893 0.6180 0.6468 0.6757 0.7048
0.7339 0.7631 0.7925 0.8220 0.8515
0.8810 0.9106 0.9403 0.9701 1.0000
Hrad:
0.0150 0.0229 0.0377 0.0557 0.0759
0.0928 0.0955 0.1098 0.1225 0.1353
0.1407 0.1509 0.1702 0.1883 0.2047
0.2134 0.2260 0.2451 0.2656 0.2851
0.3039 0.3221 0.3336 0.3508 0.3660
0.3875 0.4054 0.4302 0.4551 0.4805
0.5061 0.5316 0.5572 0.5752 0.6021
0.6298 0.6574 0.6847 0.7120 0.7393
0.7664 0.7935 0.8205 0.8432 0.8715
0.8997 0.9279 0.9547 0.9793 1.0000
Width:
0.0064 0.0319 0.0508 0.0654 0.0760
0.0968 0.1413 0.1798 0.2116 0.2378
0.3047 0.3456 0.3745 0.4125 0.4676
0.5369 0.5887 0.6173 0.6468 0.6764
0.7093 0.7435 0.7772 0.8144 0.8483
0.8706 0.8951 0.9037 0.9124 0.9198
0.9275 0.9353 0.9425 0.9488 0.9527
0.9557 0.9587 0.9623 0.9660 0.9697

0.9735	0.9772	0.9810	0.9834	0.9850
0.9865	0.9881	0.9908	0.9954	1.0000

Transect C37

Area:

0.0010	0.0038	0.0073	0.0112	0.0159
0.0213	0.0275	0.0362	0.0486	0.0628
0.0780	0.0936	0.1097	0.1264	0.1434
0.1612	0.1795	0.1982	0.2172	0.2366
0.2571	0.2788	0.3007	0.3230	0.3458
0.3692	0.3930	0.4173	0.4425	0.4678
0.4933	0.5189	0.5446	0.5704	0.5963
0.6223	0.6484	0.6747	0.7011	0.7275
0.7542	0.7809	0.8079	0.8349	0.8621
0.8894	0.9169	0.9445	0.9722	1.0000

Hrad:

0.0163	0.0335	0.0544	0.0756	0.0847
0.1044	0.1208	0.1228	0.1134	0.1175
0.1414	0.1655	0.1860	0.2103	0.2311
0.2481	0.2709	0.2935	0.3165	0.3378
0.3487	0.3563	0.3794	0.4025	0.4158
0.4370	0.4589	0.4666	0.4882	0.5138
0.5393	0.5650	0.5906	0.6161	0.6408
0.6655	0.6908	0.7160	0.7406	0.7647
0.7882	0.8114	0.8352	0.8590	0.8830
0.9070	0.9304	0.9537	0.9769	1.0000

Width:

0.0702	0.1141	0.1339	0.1487	0.1873
0.2038	0.2575	0.3788	0.4932	0.5350
0.5516	0.5657	0.5900	0.6007	0.6204
0.6498	0.6628	0.6754	0.6864	0.7112
0.7668	0.7824	0.7927	0.8025	0.8318
0.8450	0.8564	0.8944	0.9064	0.9106
0.9148	0.9185	0.9220	0.9257	0.9305
0.9351	0.9387	0.9423	0.9466	0.9514
0.9568	0.9625	0.9673	0.9721	0.9764
0.9807	0.9855	0.9903	0.9952	1.0000

Transect C39

Area:

0.0001	0.0004	0.0009	0.0016	0.0025
0.0035	0.0046	0.0059	0.0072	0.0087
0.0103	0.0120	0.0138	0.0157	0.0177
0.0199	0.0222	0.0248	0.0279	0.0318
0.0364	0.0416	0.0472	0.0539	0.0624
0.0740	0.0889	0.1070	0.1283	0.1534
0.1812	0.2113	0.2442	0.2798	0.3170
0.3558	0.3963	0.4388	0.4834	0.5288
0.5748	0.6212	0.6679	0.7147	0.7617
0.8089	0.8562	0.9039	0.9518	1.0000

Hrad:

0.0243	0.0485	0.0728	0.0997	0.1306
0.1598	0.1879	0.2153	0.2421	0.2737
0.3056	0.3368	0.3672	0.3965	0.4081
0.4218	0.4370	0.4310	0.4396	0.4555
0.4661	0.4776	0.4908	0.4880	0.4809
0.4446	0.3369	0.3212	0.3433	0.3634

0.3864 0.4109 0.4294 0.4549 0.4815
0.5105 0.5299 0.5486 0.5540 0.5733
0.6150 0.6561 0.7011 0.7467 0.7922
0.8377 0.8808 0.9226 0.9610 1.0000

Width:

0.0042 0.0084 0.0126 0.0164 0.0191
0.0218 0.0245 0.0272 0.0299 0.0319
0.0338 0.0357 0.0376 0.0395 0.0433
0.0471 0.0509 0.0577 0.0691 0.0880
0.1023 0.1114 0.1205 0.1545 0.2044
0.2729 0.3423 0.4053 0.4859 0.5481
0.5967 0.6471 0.7169 0.7497 0.7872
0.8165 0.8535 0.9099 0.9272 0.9451
0.9535 0.9616 0.9654 0.9684 0.9715
0.9746 0.9800 0.9866 0.9906 1.0000

Transect C4

Area:

0.0007 0.0020 0.0042 0.0069 0.0101
0.0138 0.0180 0.0225 0.0273 0.0324
0.0384 0.0456 0.0544 0.0651 0.0777
0.0909 0.1045 0.1189 0.1342 0.1499
0.1660 0.1826 0.1999 0.2178 0.2366
0.2569 0.2787 0.3025 0.3282 0.3558
0.3841 0.4130 0.4427 0.4732 0.5043
0.5358 0.5675 0.5994 0.6315 0.6638
0.6962 0.7289 0.7617 0.7949 0.8282
0.8620 0.8960 0.9302 0.9648 1.0000

Hrad:

0.0213 0.0431 0.0573 0.0826 0.1018
0.1215 0.1440 0.1685 0.1921 0.2115
0.2225 0.2364 0.2467 0.2065 0.2108
0.2355 0.2641 0.2915 0.3179 0.3447
0.3720 0.3985 0.4238 0.4468 0.4532
0.4489 0.4726 0.4770 0.4959 0.4656
0.4905 0.5151 0.5371 0.5608 0.5737
0.6046 0.6355 0.6665 0.6978 0.7290
0.7602 0.7913 0.8204 0.8490 0.8749
0.9016 0.9310 0.9602 0.9786 1.0000

Width:

0.0308 0.0463 0.0720 0.0825 0.0974
0.1118 0.1229 0.1313 0.1397 0.1506
0.1853 0.2175 0.2785 0.3425 0.3620
0.3789 0.3914 0.4209 0.4374 0.4491
0.4591 0.4808 0.4950 0.5120 0.5476
0.5973 0.6391 0.7028 0.7523 0.7897
0.8057 0.8236 0.8495 0.8695 0.8831
0.8898 0.8963 0.9021 0.9075 0.9128
0.9177 0.9226 0.9296 0.9367 0.9464
0.9552 0.9612 0.9672 0.9847 1.0000

Transect C40

Area:

0.0011 0.0026 0.0043 0.0064 0.0087
0.0115 0.0146 0.0183 0.0227 0.0272
0.0321 0.0372 0.0428 0.0486 0.0546
0.0611 0.0682 0.0762 0.0846 0.0935

0.1028 0.1123 0.1221 0.1321 0.1427
0.1549 0.1688 0.1844 0.2014 0.2201
0.2403 0.2636 0.2914 0.3226 0.3567
0.3939 0.4334 0.4743 0.5159 0.5580
0.6006 0.6437 0.6872 0.7311 0.7753
0.8198 0.8645 0.9094 0.9546 1.0000

Hrad:

0.0347 0.0716 0.1048 0.1320 0.1564
0.1745 0.2043 0.1988 0.2308 0.2635
0.2953 0.3139 0.3441 0.3730 0.4005
0.3993 0.4231 0.4185 0.4478 0.4665
0.4983 0.5302 0.5616 0.5925 0.6211
0.6409 0.5755 0.5234 0.5443 0.5282
0.5515 0.5286 0.5141 0.5405 0.5484
0.5178 0.5045 0.5320 0.5728 0.6131
0.6515 0.6919 0.7324 0.7729 0.8154
0.8576 0.8997 0.9417 0.9835 1.0000

Width:

0.0305 0.0359 0.0413 0.0482 0.0557
0.0660 0.0717 0.0921 0.0982 0.1034
0.1086 0.1186 0.1243 0.1302 0.1364
0.1530 0.1613 0.1821 0.1891 0.2005
0.2063 0.2119 0.2174 0.2230 0.2532
0.2831 0.3300 0.3624 0.3899 0.4273
0.4744 0.5532 0.6581 0.7142 0.7802
0.8516 0.8817 0.9103 0.9178 0.9291
0.9426 0.9522 0.9600 0.9678 0.9732
0.9787 0.9841 0.9896 0.9951 1.0000

Transect C41

Area:

0.0000 0.0002 0.0004 0.0008 0.0012
0.0017 0.0023 0.0030 0.0039 0.0047
0.0057 0.0067 0.0078 0.0090 0.0102
0.0115 0.0129 0.0143 0.0158 0.0173
0.0189 0.0205 0.0222 0.0248 0.0297
0.0381 0.0505 0.0658 0.0842 0.1055
0.1307 0.1602 0.1932 0.2299 0.2688
0.3088 0.3502 0.3928 0.4366 0.4822
0.5288 0.5766 0.6265 0.6775 0.7299
0.7830 0.8369 0.8910 0.9453 1.0000

Hrad:

0.0274 0.0548 0.0821 0.1095 0.1369
0.1643 0.1917 0.2191 0.2481 0.2817
0.3144 0.3464 0.3778 0.4087 0.4410
0.4751 0.5087 0.5417 0.5742 0.6064
0.6382 0.6697 0.7009 0.6952 0.6262
0.5339 0.4551 0.4164 0.3936 0.3777
0.3769 0.3305 0.3554 0.3389 0.3848
0.4311 0.4643 0.5110 0.5524 0.5952
0.6421 0.6824 0.7278 0.7729 0.8182
0.8645 0.8574 0.9101 0.9599 1.0000

Width:

0.0017 0.0035 0.0052 0.0069 0.0087
0.0104 0.0121 0.0139 0.0155 0.0168
0.0181 0.0194 0.0206 0.0219 0.0231
0.0242 0.0252 0.0263 0.0274 0.0284

0.0295 0.0305 0.0316 0.0655 0.1198
0.1890 0.2529 0.3121 0.3592 0.4206
0.4934 0.5750 0.6347 0.6981 0.7191
0.7398 0.7670 0.7849 0.8150 0.8414
0.8589 0.8895 0.9206 0.9435 0.9612
0.9714 0.9842 0.9872 0.9932 1.0000

Transect C43
Area:
0.0002 0.0010 0.0021 0.0034 0.0052
0.0078 0.0107 0.0147 0.0198 0.0265
0.0334 0.0405 0.0478 0.0556 0.0642
0.0735 0.0834 0.0941 0.1060 0.1187
0.1319 0.1454 0.1594 0.1740 0.1898
0.2075 0.2262 0.2458 0.2663 0.2875
0.3093 0.3321 0.3565 0.3832 0.4126
0.4448 0.4795 0.5157 0.5527 0.5904
0.6288 0.6677 0.7071 0.7472 0.7878
0.8290 0.8709 0.9134 0.9566 1.0000
Hrad:
0.0218 0.0445 0.0755 0.1037 0.0970
0.1253 0.1483 0.1414 0.1645 0.1683
0.2080 0.2471 0.2849 0.3209 0.3542
0.3809 0.3845 0.4122 0.4201 0.4487
0.4801 0.5119 0.5428 0.5722 0.5962
0.6094 0.6352 0.6602 0.6847 0.7002
0.7270 0.7489 0.7668 0.7769 0.7850
0.7957 0.7815 0.7881 0.7965 0.8202
0.7848 0.8201 0.8526 0.8841 0.9162
0.9482 0.9772 1.0080 1.0209 1.0000
Width:
0.0113 0.0222 0.0274 0.0325 0.0542
0.0623 0.0780 0.1040 0.1391 0.1578
0.1610 0.1643 0.1728 0.1855 0.2082
0.2191 0.2403 0.2503 0.2875 0.2984
0.3068 0.3143 0.3286 0.3457 0.3827
0.4220 0.4408 0.4606 0.4806 0.4952
0.5086 0.5366 0.5876 0.6487 0.7016
0.7777 0.8166 0.8440 0.8595 0.8728
0.8928 0.8980 0.9151 0.9283 0.9405
0.9529 0.9714 0.9830 0.9971 1.0000

Transect C44
Area:
0.0005 0.0026 0.0070 0.0145 0.0235
0.0331 0.0438 0.0556 0.0685 0.0820
0.0963 0.1119 0.1288 0.1465 0.1657
0.1855 0.2058 0.2264 0.2471 0.2680
0.2891 0.3104 0.3319 0.3537 0.3757
0.3981 0.4207 0.4435 0.4666 0.4899
0.5135 0.5373 0.5616 0.5862 0.6109
0.6357 0.6606 0.6855 0.7107 0.7361
0.7615 0.7871 0.8127 0.8385 0.8643
0.8904 0.9171 0.9443 0.9720 1.0000
Hrad:
0.0195 0.0236 0.0388 0.0521 0.0734
0.0973 0.1187 0.1392 0.1600 0.1812

0.2015 0.2198 0.2382 0.2560 0.2712
0.2904 0.3126 0.3356 0.3589 0.3824
0.4061 0.4296 0.4528 0.4745 0.4970
0.5187 0.5407 0.5626 0.5843 0.6060
0.6268 0.6472 0.6636 0.6715 0.6982
0.7249 0.7499 0.7745 0.7954 0.8209
0.8462 0.8713 0.8964 0.9213 0.9454
0.9608 0.9655 0.9805 0.9960 1.0000

Width:

0.0313 0.1220 0.2085 0.3036 0.3280
0.3561 0.3957 0.4461 0.4653 0.4938
0.5204 0.5852 0.6101 0.6520 0.6918
0.7154 0.7237 0.7306 0.7371 0.7435
0.7496 0.7570 0.7652 0.7775 0.7863
0.7954 0.8039 0.8123 0.8210 0.8297
0.8400 0.8508 0.8666 0.8743 0.8762
0.8781 0.8821 0.8867 0.8963 0.8995
0.9030 0.9065 0.9100 0.9137 0.9180
0.9304 0.9580 0.9714 0.9846 1.0000

Transect C45

Area:

0.0008 0.0026 0.0055 0.0088 0.0127
0.0175 0.0229 0.0294 0.0379 0.0479
0.0587 0.0697 0.0814 0.0940 0.1070
0.1204 0.1342 0.1484 0.1634 0.1796
0.1966 0.2147 0.2338 0.2539 0.2750
0.2976 0.3228 0.3484 0.3744 0.4008
0.4274 0.4541 0.4811 0.5083 0.5358
0.5639 0.5922 0.6208 0.6499 0.6800
0.7105 0.7414 0.7726 0.8041 0.8359
0.8680 0.9004 0.9334 0.9666 1.0000

Hrad:

0.0233 0.0321 0.0592 0.0850 0.0993
0.1186 0.1400 0.1547 0.1480 0.1552
0.1821 0.2100 0.2249 0.2488 0.2741
0.2998 0.3247 0.3484 0.3693 0.3873
0.4049 0.4225 0.4366 0.4533 0.4661
0.4672 0.4280 0.4553 0.4829 0.5112
0.5406 0.5702 0.5996 0.6269 0.6506
0.6739 0.7008 0.7272 0.7472 0.7537
0.7791 0.8056 0.8296 0.8540 0.8808
0.9068 0.9258 0.9488 0.9774 1.0000

Width:

0.0354 0.0802 0.0932 0.1044 0.1286
0.1501 0.1738 0.2155 0.2776 0.3103
0.3235 0.3335 0.3635 0.3792 0.3919
0.4033 0.4150 0.4277 0.4642 0.4937
0.5191 0.5495 0.5825 0.6090 0.6460
0.7089 0.7555 0.7664 0.7763 0.7848
0.7912 0.7969 0.8026 0.8108 0.8235
0.8365 0.8446 0.8531 0.8819 0.9012
0.9109 0.9191 0.9298 0.9400 0.9472
0.9552 0.9704 0.9815 0.9864 1.0000

Transect C46

Area:

0.0001 0.0003 0.0007 0.0012 0.0021
0.0033 0.0054 0.0082 0.0116 0.0154
0.0195 0.0239 0.0286 0.0338 0.0395
0.0456 0.0522 0.0601 0.0698 0.0803
0.0920 0.1050 0.1186 0.1337 0.1513
0.1749 0.2020 0.2302 0.2586 0.2878
0.3176 0.3476 0.3779 0.4091 0.4412
0.4746 0.5084 0.5445 0.5812 0.6181
0.6550 0.6921 0.7292 0.7671 0.8053
0.8437 0.8823 0.9210 0.9599 1.0000

Hrad:

0.0202 0.0404 0.0606 0.0808 0.0842
0.0659 0.0949 0.1052 0.1286 0.1583
0.1861 0.2142 0.2333 0.2484 0.2705
0.2897 0.3025 0.2764 0.2940 0.3089
0.3312 0.3509 0.3770 0.3939 0.4074
0.3666 0.2952 0.3335 0.3710 0.4042
0.4283 0.4661 0.5034 0.5221 0.5558
0.5724 0.6081 0.6014 0.6391 0.6772
0.7158 0.7542 0.7897 0.8134 0.8490
0.8863 0.9234 0.9601 0.9909 1.0000

Width:

0.0038 0.0076 0.0114 0.0152 0.0240
0.0488 0.0562 0.0770 0.0891 0.0960
0.1033 0.1098 0.1208 0.1341 0.1437
0.1552 0.1701 0.2237 0.2465 0.2706
0.3000 0.3260 0.3438 0.3859 0.5331
0.6211 0.6838 0.6892 0.7000 0.7185
0.7310 0.7352 0.7448 0.7725 0.8058
0.8174 0.8503 0.8927 0.8967 0.8998
0.9022 0.9047 0.9105 0.9298 0.9352
0.9386 0.9420 0.9457 0.9559 1.0000

Transect C48

Area:

0.0002 0.0007 0.0019 0.0046 0.0101
0.0192 0.0307 0.0446 0.0604 0.0782
0.0970 0.1164 0.1363 0.1564 0.1769
0.1981 0.2199 0.2420 0.2642 0.2867
0.3093 0.3320 0.3550 0.3781 0.4013
0.4246 0.4479 0.4712 0.4946 0.5181
0.5416 0.5651 0.5887 0.6123 0.6360
0.6598 0.6836 0.7075 0.7314 0.7555
0.7796 0.8037 0.8280 0.8523 0.8767
0.9012 0.9257 0.9504 0.9751 1.0000

Hrad:

0.0126 0.0233 0.0367 0.0398 0.0452
0.0503 0.0651 0.0823 0.0974 0.1096
0.1323 0.1511 0.1725 0.1961 0.2185
0.2397 0.2570 0.2801 0.3031 0.3259
0.3484 0.3708 0.3931 0.4154 0.4390
0.4632 0.4874 0.5115 0.5356 0.5597
0.5838 0.6078 0.6316 0.6553 0.6791
0.7027 0.7264 0.7498 0.7731 0.7963
0.8195 0.8427 0.8658 0.8885 0.9112
0.9339 0.9563 0.9786 1.0008 1.0000

Width:

0.0127 0.0362 0.0594 0.1640 0.2823
0.4209 0.5142 0.5927 0.6785 0.7404
0.7605 0.7881 0.7980 0.8044 0.8326
0.8575 0.8788 0.8858 0.8928 0.8994
0.9062 0.9129 0.9196 0.9261 0.9283
0.9301 0.9319 0.9337 0.9354 0.9372
0.9390 0.9408 0.9431 0.9454 0.9477
0.9500 0.9523 0.9549 0.9581 0.9612
0.9644 0.9671 0.9698 0.9728 0.9759
0.9789 0.9823 0.9858 0.9895 1.0000

Transect C49
Area:
0.0002 0.0013 0.0034 0.0061 0.0093
0.0127 0.0162 0.0199 0.0238 0.0282
0.0336 0.0399 0.0472 0.0557 0.0666
0.0803 0.0967 0.1153 0.1360 0.1579
0.1805 0.2036 0.2272 0.2512 0.2758
0.3013 0.3276 0.3543 0.3814 0.4086
0.4360 0.4636 0.4914 0.5197 0.5486
0.5777 0.6071 0.6367 0.6666 0.6965
0.7265 0.7566 0.7868 0.8171 0.8474
0.8777 0.9082 0.9387 0.9693 1.0000
Hrad:
0.0154 0.0242 0.0471 0.0627 0.0886
0.1145 0.1407 0.1663 0.1768 0.1947
0.2106 0.2251 0.2348 0.2388 0.2413
0.2464 0.2434 0.2494 0.2116 0.2379
0.2639 0.2897 0.3156 0.3413 0.3654
0.3856 0.4106 0.4219 0.4379 0.4664
0.4947 0.5229 0.5510 0.5742 0.6026
0.6309 0.6587 0.6863 0.7140 0.7418
0.7696 0.7975 0.8219 0.8510 0.8801
0.9086 0.9366 0.9644 0.9923 1.0000
Width:
0.0133 0.0566 0.0760 0.0990 0.1070
0.1135 0.1174 0.1213 0.1356 0.1562
0.1907 0.2196 0.2536 0.3088 0.4000
0.4914 0.5706 0.6517 0.6987 0.7241
0.7430 0.7598 0.7753 0.7904 0.8117
0.8469 0.8628 0.8770 0.8831 0.8884
0.8942 0.9000 0.9094 0.9357 0.9438
0.9509 0.9599 0.9677 0.9711 0.9746
0.9781 0.9816 0.9833 0.9849 0.9865
0.9887 0.9915 0.9943 0.9972 1.0000

Transect C50
Area:
0.0006 0.0018 0.0031 0.0056 0.0082
0.0110 0.0139 0.0169 0.0200 0.0232
0.0266 0.0301 0.0342 0.0394 0.0450
0.0509 0.0574 0.0645 0.0718 0.0796
0.0878 0.0972 0.1084 0.1216 0.1361
0.1523 0.1710 0.1934 0.2189 0.2455
0.2731 0.3026 0.3338 0.3670 0.4008
0.4354 0.4707 0.5065 0.5428 0.5797
0.6175 0.6565 0.6979 0.7398 0.7821

0.8251 0.8683 0.9118 0.9556 1.0000

Hrad:

0.0300 0.0644 0.0848 0.0982 0.1345
0.1728 0.2100 0.2461 0.2812 0.3150
0.3450 0.3743 0.3052 0.3277 0.3528
0.3666 0.3757 0.3996 0.4254 0.4467
0.4601 0.4443 0.4494 0.3984 0.3914
0.4011 0.3945 0.3476 0.3770 0.4050
0.4325 0.4505 0.4638 0.4918 0.5234
0.5593 0.5925 0.6285 0.6642 0.6971
0.7193 0.7537 0.7485 0.7865 0.8176
0.8562 0.8953 0.9340 0.9661 1.0000

Width:

0.0216 0.0275 0.0415 0.0568 0.0611
0.0636 0.0661 0.0686 0.0711 0.0737
0.0770 0.0803 0.1122 0.1203 0.1274
0.1388 0.1529 0.1613 0.1689 0.1782
0.1966 0.2190 0.2755 0.3059 0.3486
0.3807 0.4489 0.5585 0.5830 0.6086
0.6340 0.6744 0.7236 0.7490 0.7685
0.7809 0.7966 0.8079 0.8192 0.8333
0.8600 0.9096 0.9339 0.9419 0.9578
0.9645 0.9704 0.9766 0.9893 1.0000

Transect C51

Area:

0.0002 0.0009 0.0024 0.0064 0.0113
0.0164 0.0216 0.0271 0.0327 0.0385
0.0445 0.0509 0.0574 0.0641 0.0710
0.0785 0.0886 0.1016 0.1160 0.1315
0.1483 0.1712 0.1949 0.2190 0.2437
0.2691 0.2947 0.3205 0.3465 0.3731
0.4004 0.4280 0.4559 0.4843 0.5140
0.5446 0.5753 0.6062 0.6372 0.6684
0.6998 0.7319 0.7642 0.7968 0.8295
0.8626 0.8962 0.9302 0.9647 1.0000

Hrad:

0.0177 0.0381 0.0315 0.0477 0.0800
0.1117 0.1428 0.1732 0.2034 0.2330
0.2531 0.2798 0.3068 0.3337 0.3585
0.3799 0.3863 0.3777 0.3257 0.3416
0.2852 0.2661 0.2981 0.3295 0.3548
0.3737 0.4061 0.4392 0.4700 0.4868
0.5164 0.5476 0.5781 0.5895 0.5997
0.6299 0.6621 0.6944 0.7267 0.7564
0.7838 0.8039 0.8352 0.8661 0.8929
0.9175 0.9415 0.9625 0.9819 1.0000

Width:

0.0121 0.0223 0.0799 0.1340 0.1408
0.1464 0.1516 0.1564 0.1609 0.1652
0.1759 0.1817 0.1870 0.1921 0.1980
0.2450 0.3362 0.3908 0.4245 0.4475
0.5590 0.6658 0.6744 0.6849 0.7115
0.7200 0.7256 0.7297 0.7372 0.7664
0.7754 0.7816 0.7885 0.8215 0.8571
0.8645 0.8689 0.8729 0.8767 0.8836
0.8928 0.9104 0.9150 0.9199 0.9290

0.9402 0.9518 0.9664 0.9825 1.0000

Transect C52
Area:
0.0005 0.0017 0.0033 0.0053 0.0078
0.0107 0.0144 0.0195 0.0257 0.0332
0.0414 0.0505 0.0603 0.0708 0.0827
0.0959 0.1105 0.1264 0.1436 0.1619
0.1815 0.2022 0.2244 0.2479 0.2726
0.2982 0.3247 0.3515 0.3785 0.4056
0.4330 0.4608 0.4888 0.5172 0.5458
0.5748 0.6040 0.6335 0.6630 0.6928
0.7228 0.7530 0.7835 0.8142 0.8449
0.8757 0.9066 0.9376 0.9687 1.0000
Hrad:
0.0159 0.0377 0.0595 0.0787 0.0969
0.1132 0.1204 0.1340 0.1468 0.1600
0.1766 0.1814 0.2023 0.2221 0.2303
0.2493 0.2685 0.2860 0.3026 0.3197
0.3349 0.3515 0.3665 0.3600 0.3650
0.3781 0.3971 0.4103 0.4412 0.4719
0.5022 0.5322 0.5619 0.5912 0.6190
0.6467 0.6668 0.6761 0.7068 0.7372
0.7674 0.7973 0.8268 0.8564 0.8860
0.9155 0.9451 0.9745 1.0012 1.0000
Width:
0.0294 0.0460 0.0574 0.0708 0.0849
0.1021 0.1448 0.1754 0.2249 0.2503
0.2735 0.3029 0.3223 0.3504 0.4003
0.4429 0.4826 0.5294 0.5664 0.6012
0.6418 0.6791 0.7290 0.7655 0.8034
0.8268 0.8472 0.8574 0.8601 0.8670
0.8810 0.8856 0.8963 0.9060 0.9161
0.9262 0.9334 0.9373 0.9433 0.9508
0.9567 0.9680 0.9732 0.9757 0.9783
0.9809 0.9835 0.9868 0.9930 1.0000

Transect C53
Area:
0.0005 0.0019 0.0039 0.0065 0.0103
0.0144 0.0187 0.0231 0.0277 0.0325
0.0373 0.0426 0.0488 0.0558 0.0639
0.0732 0.0852 0.0993 0.1151 0.1332
0.1532 0.1750 0.1982 0.2228 0.2487
0.2755 0.3027 0.3306 0.3591 0.3884
0.4182 0.4481 0.4780 0.5081 0.5382
0.5683 0.5986 0.6289 0.6593 0.6898
0.7203 0.7510 0.7817 0.8126 0.8437
0.8749 0.9062 0.9374 0.9687 1.0000
Hrad:
0.0204 0.0316 0.0564 0.0738 0.0866
0.1125 0.1382 0.1635 0.1891 0.2151
0.2406 0.2633 0.2800 0.2938 0.3033
0.3053 0.2874 0.2868 0.2935 0.3020
0.3125 0.3234 0.3301 0.3384 0.3296
0.3528 0.3792 0.4052 0.4308 0.4558
0.4709 0.4990 0.5272 0.5557 0.5842

0.6129 0.6416 0.6703 0.6991 0.7279
0.7562 0.7840 0.8109 0.8376 0.8642
0.8778 0.9084 0.9389 0.9695 1.0000
Width:
0.0250 0.0595 0.0693 0.1013 0.1291
0.1342 0.1394 0.1447 0.1494 0.1534
0.1574 0.1808 0.2120 0.2378 0.2721
0.3357 0.4262 0.4745 0.5471 0.6030
0.6717 0.7202 0.7593 0.8087 0.8467
0.8617 0.8821 0.8985 0.9223 0.9469
0.9527 0.9553 0.9579 0.9602 0.9625
0.9648 0.9671 0.9694 0.9717 0.9741
0.9769 0.9801 0.9849 0.9899 0.9949
0.9971 0.9978 0.9986 0.9993 1.0000

Transect C55
Area:
0.0001 0.0004 0.0009 0.0014 0.0020
0.0032 0.0057 0.0091 0.0147 0.0209
0.0274 0.0341 0.0411 0.0486 0.0584
0.0695 0.0830 0.0980 0.1139 0.1308
0.1487 0.1688 0.1942 0.2198 0.2455
0.2714 0.2979 0.3246 0.3515 0.3786
0.4060 0.4336 0.4616 0.4904 0.5196
0.5491 0.5790 0.6091 0.6394 0.6701
0.7013 0.7331 0.7651 0.7974 0.8300
0.8631 0.8966 0.9305 0.9650 1.0000
Hrad:
0.0176 0.0395 0.0650 0.0882 0.1099
0.1024 0.0921 0.0881 0.0845 0.1156
0.1463 0.1761 0.2045 0.2297 0.2446
0.2588 0.2291 0.2484 0.2669 0.2864
0.2859 0.2346 0.2682 0.3017 0.3351
0.3639 0.3944 0.4264 0.4588 0.4892
0.5201 0.5488 0.5689 0.5965 0.6224
0.6513 0.6798 0.7093 0.7401 0.7612
0.7808 0.8086 0.8387 0.8654 0.8895
0.9133 0.9370 0.9606 0.9755 1.0000
Width:
0.0065 0.0112 0.0134 0.0157 0.0179
0.0542 0.0825 0.1196 0.1736 0.1809
0.1872 0.1936 0.2006 0.2503 0.2949
0.3539 0.4157 0.4388 0.4674 0.4927
0.5199 0.7194 0.7240 0.7284 0.7324
0.7457 0.7552 0.7611 0.7660 0.7738
0.7805 0.7900 0.8114 0.8221 0.8348
0.8432 0.8516 0.8587 0.8640 0.8802
0.8981 0.9066 0.9122 0.9213 0.9331
0.9450 0.9568 0.9686 0.9892 1.0000

Transect C57
Area:
0.0003 0.0007 0.0012 0.0018 0.0025
0.0033 0.0046 0.0060 0.0076 0.0097
0.0127 0.0159 0.0196 0.0243 0.0307
0.0392 0.0492 0.0622 0.0772 0.0934
0.1106 0.1290 0.1484 0.1689 0.1906

0.2133 0.2365 0.2604 0.2849 0.3105
0.3371 0.3647 0.3933 0.4240 0.4565
0.4902 0.5247 0.5596 0.5949 0.6306
0.6665 0.7027 0.7392 0.7758 0.8126
0.8496 0.8868 0.9243 0.9620 1.0000

Hrad:

0.0300 0.0586 0.0840 0.1076 0.1302
0.1268 0.1324 0.1506 0.1690 0.1824
0.1951 0.2122 0.2292 0.2370 0.1802
0.2017 0.2138 0.2177 0.2343 0.2556
0.2765 0.3020 0.3270 0.3522 0.3770
0.3937 0.4221 0.4504 0.4639 0.4938
0.5226 0.5397 0.5695 0.5862 0.6065
0.6133 0.5880 0.6199 0.6516 0.6719
0.7059 0.7397 0.7734 0.8065 0.8405
0.8745 0.9075 0.9388 0.9695 1.0000

Width:

0.0099 0.0123 0.0147 0.0171 0.0195
0.0264 0.0344 0.0397 0.0449 0.0740
0.0812 0.0891 0.1060 0.1402 0.1973
0.2388 0.2993 0.3669 0.4113 0.4377
0.4701 0.4951 0.5215 0.5547 0.5830
0.6018 0.6172 0.6327 0.6554 0.6854
0.7098 0.7345 0.7714 0.8352 0.8669
0.8980 0.9088 0.9182 0.9296 0.9402
0.9457 0.9512 0.9567 0.9626 0.9674
0.9719 0.9774 0.9846 0.9923 1.0000

Transect C58

Area:

0.0001 0.0006 0.0017 0.0034 0.0055
0.0078 0.0104 0.0133 0.0164 0.0198
0.0244 0.0324 0.0440 0.0578 0.0723
0.0879 0.1047 0.1226 0.1420 0.1621
0.1826 0.2033 0.2242 0.2457 0.2676
0.2900 0.3127 0.3361 0.3603 0.3849
0.4102 0.4359 0.4622 0.4890 0.5165
0.5447 0.5731 0.6017 0.6305 0.6596
0.6892 0.7202 0.7524 0.7855 0.8193
0.8540 0.8897 0.9257 0.9622 1.0000

Hrad:

0.0193 0.0371 0.0518 0.0729 0.0955
0.1219 0.1480 0.1724 0.1932 0.2145
0.2230 0.1972 0.2025 0.2140 0.2339
0.2431 0.2685 0.2898 0.3061 0.3351
0.3647 0.3961 0.4276 0.4587 0.4899
0.5208 0.5513 0.5799 0.6078 0.6332
0.6585 0.6845 0.7090 0.7332 0.7532
0.7771 0.8110 0.8448 0.8781 0.9098
0.9400 0.9519 0.9783 1.0049 1.0300
1.0347 0.9537 0.9868 1.0185 1.0000

Width:

0.0076 0.0198 0.0384 0.0486 0.0581
0.0649 0.0710 0.0773 0.0850 0.0926
0.1530 0.2751 0.3337 0.3695 0.3893
0.4281 0.4461 0.4883 0.5181 0.5273
0.5363 0.5419 0.5500 0.5659 0.5763

0.5867 0.5997 0.6200 0.6362 0.6490
0.6631 0.6762 0.6917 0.7075 0.7262
0.7370 0.7420 0.7469 0.7522 0.7625
0.7817 0.8275 0.8513 0.8697 0.8898
0.9269 0.9330 0.9434 0.9634 1.0000

Transect C6
Area:
0.0003 0.0009 0.0022 0.0044 0.0081
0.0131 0.0206 0.0316 0.0458 0.0626
0.0806 0.0997 0.1198 0.1407 0.1621
0.1840 0.2064 0.2291 0.2521 0.2752
0.2984 0.3217 0.3450 0.3685 0.3920
0.4156 0.4393 0.4630 0.4869 0.5108
0.5347 0.5587 0.5827 0.6069 0.6310
0.6552 0.6795 0.7038 0.7281 0.7526
0.7770 0.8016 0.8262 0.8508 0.8755
0.9003 0.9251 0.9500 0.9749 1.0000
Hrad:
0.0170 0.0296 0.0366 0.0408 0.0538
0.0665 0.0724 0.0748 0.0840 0.1002
0.1139 0.1342 0.1541 0.1764 0.1985
0.2187 0.2408 0.2621 0.2751 0.2992
0.3233 0.3473 0.3712 0.3952 0.4190
0.4427 0.4664 0.4903 0.5144 0.5385
0.5625 0.5865 0.6104 0.6343 0.6582
0.6820 0.7058 0.7295 0.7531 0.7765
0.7999 0.8233 0.8467 0.8700 0.8933
0.9165 0.9397 0.9629 0.9838 1.0000
Width:
0.0169 0.0334 0.0682 0.1170 0.1735
0.2323 0.3612 0.5025 0.6311 0.6923
0.7338 0.7777 0.8124 0.8389 0.8583
0.8805 0.8926 0.9093 0.9141 0.9174
0.9207 0.9239 0.9272 0.9302 0.9337
0.9373 0.9410 0.9438 0.9460 0.9481
0.9502 0.9523 0.9544 0.9565 0.9585
0.9606 0.9626 0.9646 0.9669 0.9692
0.9715 0.9738 0.9759 0.9781 0.9803
0.9825 0.9847 0.9869 0.9912 1.0000

Transect C60
Area:
0.0001 0.0005 0.0012 0.0020 0.0031
0.0042 0.0054 0.0067 0.0081 0.0096
0.0111 0.0127 0.0145 0.0163 0.0183
0.0211 0.0258 0.0322 0.0397 0.0478
0.0568 0.0670 0.0784 0.0915 0.1060
0.1221 0.1403 0.1610 0.1849 0.2106
0.2385 0.2675 0.2973 0.3274 0.3579
0.3896 0.4222 0.4555 0.4904 0.5287
0.5688 0.6115 0.6557 0.7018 0.7496
0.7986 0.8480 0.8978 0.9482 1.0000
Hrad:
0.0263 0.0526 0.0789 0.1103 0.1498
0.1889 0.2267 0.2631 0.2982 0.3324
0.3657 0.3982 0.4271 0.4550 0.4814

0.4848 0.4578 0.4193 0.4050 0.4036
0.4159 0.4307 0.4451 0.4528 0.4617
0.4670 0.4771 0.4689 0.4164 0.4381
0.4509 0.4815 0.5263 0.5739 0.6179
0.6551 0.6839 0.7328 0.7787 0.8187
0.8563 0.8892 0.9223 0.8768 0.8948
0.8804 0.9262 0.9689 1.0108 1.0000

Width:

0.0049 0.0098 0.0147 0.0186 0.0205
0.0222 0.0239 0.0255 0.0271 0.0288
0.0304 0.0320 0.0339 0.0359 0.0421
0.0745 0.0995 0.1394 0.1462 0.1637
0.1827 0.2012 0.2315 0.2652 0.2890
0.3226 0.3663 0.4292 0.4700 0.5120
0.5389 0.5648 0.5703 0.5760 0.5880
0.6163 0.6246 0.6424 0.7020 0.7476
0.7918 0.8276 0.8564 0.8891 0.9234
0.9376 0.9448 0.9543 0.9672 1.0000

Transect C62

Area:

0.0002 0.0009 0.0021 0.0039 0.0061
0.0087 0.0115 0.0153 0.0199 0.0247
0.0295 0.0345 0.0396 0.0448 0.0501
0.0555 0.0610 0.0668 0.0733 0.0807
0.0886 0.0974 0.1073 0.1182 0.1302
0.1434 0.1575 0.1721 0.1880 0.2058
0.2274 0.2534 0.2832 0.3153 0.3487
0.3830 0.4186 0.4603 0.5027 0.5453
0.5882 0.6314 0.6750 0.7191 0.7639
0.8096 0.8561 0.9032 0.9510 1.0000

Hrad:

0.0248 0.0495 0.0736 0.0925 0.1266
0.1630 0.1926 0.2080 0.2102 0.2541
0.2972 0.3394 0.3808 0.4218 0.4640
0.5007 0.5326 0.5640 0.5085 0.5224
0.5406 0.5506 0.5597 0.5630 0.5648
0.5650 0.5915 0.6208 0.6458 0.6640
0.6497 0.4798 0.5052 0.4861 0.5220
0.5527 0.5834 0.5408 0.5873 0.6329
0.6781 0.7228 0.7655 0.8044 0.8398
0.8754 0.9139 0.9532 0.9901 1.0000

Width:

0.0092 0.0184 0.0279 0.0411 0.0476
0.0520 0.0647 0.0886 0.0929 0.0951
0.0973 0.0995 0.1017 0.1039 0.1055
0.1083 0.1120 0.1157 0.1410 0.1512
0.1619 0.1860 0.2061 0.2265 0.2477
0.2709 0.2831 0.3028 0.3260 0.3909
0.4739 0.5457 0.6230 0.6485 0.6713
0.6923 0.7136 0.8373 0.8418 0.8471
0.8527 0.8587 0.8666 0.8793 0.8967
0.9141 0.9273 0.9388 0.9527 1.0000

Transect C64

Area:

0.0009 0.0021 0.0036 0.0056 0.0090

0.0137 0.0201 0.0278 0.0359 0.0442
0.0527 0.0615 0.0706 0.0799 0.0894
0.0992 0.1094 0.1217 0.1363 0.1522
0.1695 0.1879 0.2070 0.2266 0.2468
0.2679 0.2903 0.3136 0.3375 0.3616
0.3859 0.4105 0.4354 0.4614 0.4886
0.5180 0.5482 0.5792 0.6105 0.6423
0.6746 0.7076 0.7417 0.7763 0.8114
0.8476 0.8850 0.9230 0.9613 1.0000

Hrad:

0.0300 0.0579 0.0828 0.0869 0.1009
0.1148 0.1102 0.1335 0.1669 0.1994
0.2310 0.2601 0.2910 0.3222 0.3513
0.3799 0.4001 0.4093 0.4164 0.4305
0.4458 0.4601 0.4761 0.4975 0.5178
0.5381 0.5210 0.5445 0.5319 0.5654
0.5984 0.6311 0.6615 0.6914 0.6794
0.7099 0.7399 0.7694 0.7969 0.8228
0.8469 0.8680 0.8946 0.9219 0.9476
0.8926 0.9037 0.9376 0.9706 1.0000

Width:

0.0280 0.0352 0.0424 0.0736 0.1004
0.1416 0.1873 0.2029 0.2091 0.2155
0.2219 0.2300 0.2359 0.2412 0.2476
0.2540 0.2781 0.3542 0.3894 0.4237
0.4615 0.4817 0.4967 0.5096 0.5319
0.5478 0.5916 0.6052 0.6166 0.6214
0.6266 0.6318 0.6512 0.6822 0.7322
0.7656 0.7885 0.7989 0.8095 0.8222
0.8367 0.8567 0.8824 0.8942 0.9125
0.9419 0.9705 0.9778 0.9868 1.0000

Transect C65

Area:

0.0004 0.0011 0.0019 0.0028 0.0039
0.0050 0.0063 0.0078 0.0096 0.0116
0.0140 0.0168 0.0201 0.0238 0.0282
0.0327 0.0377 0.0438 0.0510 0.0588
0.0673 0.0767 0.0957 0.1229 0.1514
0.1810 0.2116 0.2427 0.2741 0.3062
0.3391 0.3722 0.4054 0.4388 0.4723
0.5059 0.5397 0.5737 0.6080 0.6424
0.6771 0.7120 0.7470 0.7823 0.8177
0.8533 0.8891 0.9254 0.9623 1.0000

Hrad:

0.0263 0.0561 0.0832 0.1082 0.1324
0.1571 0.1819 0.2039 0.2201 0.2376
0.2535 0.2649 0.2657 0.2421 0.2674
0.2915 0.3139 0.3275 0.3373 0.3478
0.3595 0.3617 0.3156 0.2934 0.2044
0.2387 0.2657 0.3023 0.3374 0.3680
0.4031 0.4400 0.4764 0.5128 0.5490
0.5848 0.6203 0.6547 0.6884 0.7230
0.7574 0.7918 0.8261 0.8603 0.8936
0.9265 0.9576 0.9818 1.0051 1.0000

Width:

0.0153 0.0191 0.0225 0.0259 0.0292

0.0321 0.0348 0.0422 0.0506 0.0564
0.0697 0.0790 0.0911 0.1060 0.1161
0.1223 0.1405 0.1775 0.1955 0.2112
0.2312 0.2903 0.6858 0.7287 0.7564
0.7847 0.8055 0.8119 0.8233 0.8515
0.8615 0.8635 0.8669 0.8703 0.8738
0.8780 0.8824 0.8886 0.8957 0.9006
0.9056 0.9103 0.9150 0.9196 0.9250
0.9306 0.9378 0.9531 0.9691 1.0000

Transect C66
Area:
0.0004 0.0016 0.0038 0.0069 0.0106
0.0146 0.0188 0.0233 0.0281 0.0334
0.0395 0.0461 0.0532 0.0621 0.0722
0.0826 0.0934 0.1047 0.1165 0.1285
0.1408 0.1534 0.1664 0.1802 0.1944
0.2092 0.2251 0.2415 0.2582 0.2754
0.2932 0.3126 0.3340 0.3568 0.3825
0.4137 0.4493 0.4866 0.5249 0.5639
0.6037 0.6441 0.6854 0.7280 0.7716
0.8159 0.8610 0.9064 0.9524 1.0000
Hrad:
0.0219 0.0497 0.0583 0.0872 0.1206
0.1555 0.1902 0.2210 0.2427 0.2561
0.2717 0.2993 0.3220 0.3183 0.3081
0.3414 0.3685 0.3973 0.4298 0.4628
0.4960 0.5259 0.5361 0.5638 0.5884
0.5991 0.6082 0.6388 0.6689 0.6969
0.6875 0.7077 0.7303 0.7540 0.7667
0.6778 0.6032 0.6093 0.6432 0.6782
0.7131 0.7448 0.7738 0.8051 0.8386
0.8723 0.9076 0.9426 0.9768 1.0000
Width:
0.0180 0.0283 0.0581 0.0714 0.0790
0.0843 0.0888 0.0946 0.1040 0.1172
0.1307 0.1384 0.1605 0.1996 0.2103
0.2172 0.2277 0.2368 0.2433 0.2493
0.2549 0.2619 0.2787 0.2870 0.2967
0.3136 0.3324 0.3395 0.3467 0.3548
0.3830 0.4178 0.4543 0.4848 0.5789
0.6996 0.7506 0.7767 0.7938 0.8078
0.8207 0.8364 0.8582 0.8864 0.9012
0.9195 0.9273 0.9347 0.9589 1.0000

Transect C67
Area:
0.0004 0.0012 0.0023 0.0038 0.0057
0.0079 0.0114 0.0161 0.0222 0.0307
0.0404 0.0525 0.0672 0.0836 0.1012
0.1197 0.1393 0.1607 0.1832 0.2062
0.2294 0.2529 0.2765 0.3002 0.3241
0.3479 0.3719 0.3960 0.4203 0.4450
0.4699 0.4950 0.5202 0.5455 0.5711
0.5969 0.6227 0.6489 0.6760 0.7034
0.7310 0.7589 0.7871 0.8156 0.8446
0.8743 0.9047 0.9360 0.9679 1.0000

Hrad:

0.0184	0.0394	0.0577	0.0748	0.0924
0.1062	0.0983	0.1028	0.1198	0.1177
0.1423	0.1590	0.1471	0.1648	0.1881
0.2070	0.2238	0.2329	0.2591	0.2891
0.3180	0.3474	0.3784	0.4092	0.4402
0.4712	0.5016	0.5303	0.5553	0.5807
0.6091	0.6380	0.6667	0.6945	0.7199
0.7485	0.7794	0.8098	0.8387	0.8673
0.8952	0.9227	0.9501	0.9747	0.9984
1.0219	1.0197	1.0370	1.0602	1.0000

Width:

0.0204	0.0304	0.0407	0.0513	0.0612
0.0911	0.1229	0.1572	0.2262	0.2842
0.3242	0.4222	0.4856	0.5264	0.5568
0.5872	0.6273	0.6906	0.7077	0.7139
0.7222	0.7287	0.7316	0.7345	0.7368
0.7392	0.7421	0.7474	0.7577	0.7671
0.7723	0.7767	0.7810	0.7863	0.7941
0.7982	0.7998	0.8213	0.8432	0.8497
0.8585	0.8671	0.8734	0.8894	0.9033
0.9314	0.9474	0.9789	0.9877	1.0000

Transect C68

Area:

0.0012	0.0031	0.0055	0.0083	0.0115
0.0149	0.0187	0.0226	0.0268	0.0314
0.0364	0.0420	0.0484	0.0556	0.0632
0.0714	0.0802	0.0896	0.0997	0.1111
0.1256	0.1409	0.1568	0.1732	0.1901
0.2076	0.2264	0.2461	0.2667	0.2882
0.3106	0.3341	0.3589	0.3848	0.4122
0.4420	0.4729	0.5048	0.5376	0.5718
0.6072	0.6458	0.6886	0.7320	0.7756
0.8195	0.8637	0.9085	0.9539	1.0000

Hrad:

0.0349	0.0657	0.0959	0.1275	0.1601
0.1925	0.2257	0.2582	0.2819	0.3040
0.3198	0.3282	0.3261	0.3490	0.3662
0.3929	0.4093	0.4245	0.4409	0.4412
0.3855	0.4175	0.4497	0.4828	0.5174
0.5492	0.5781	0.6069	0.6331	0.6579
0.6837	0.7053	0.7260	0.7449	0.7401
0.6709	0.6961	0.7264	0.7614	0.7943
0.8244	0.8454	0.7367	0.7800	0.8219
0.8620	0.9020	0.9321	0.9674	1.0000

Width:

0.0336	0.0462	0.0565	0.0647	0.0712
0.0770	0.0820	0.0869	0.0944	0.1026
0.1130	0.1271	0.1474	0.1580	0.1713
0.1804	0.1943	0.2094	0.2244	0.2767
0.3233	0.3350	0.3461	0.3561	0.3646
0.3924	0.4126	0.4303	0.4509	0.4709
0.4904	0.5176	0.5437	0.5683	0.6090
0.6538	0.6743	0.6898	0.7154	0.7461
0.7819	0.8720	0.9278	0.9314	0.9366
0.9436	0.9504	0.9675	0.9787	1.0000

Transect C69

Area:

0.0008	0.0026	0.0060	0.0105	0.0155
0.0210	0.0270	0.0334	0.0402	0.0476
0.0555	0.0640	0.0732	0.0830	0.0934
0.1044	0.1161	0.1289	0.1425	0.1568
0.1719	0.1882	0.2048	0.2217	0.2390
0.2566	0.2745	0.2926	0.3111	0.3298
0.3488	0.3682	0.3880	0.4086	0.4329
0.4622	0.4950	0.5299	0.5672	0.6048
0.6426	0.6808	0.7194	0.7582	0.7974
0.8371	0.8771	0.9174	0.9581	1.0000

Hrad:

0.0239	0.0529	0.0728	0.1023	0.1330
0.1630	0.1936	0.2232	0.2507	0.2759
0.2978	0.3213	0.3383	0.3595	0.3812
0.4010	0.4125	0.4227	0.4424	0.4622
0.4809	0.4962	0.5297	0.5616	0.5944
0.6269	0.6598	0.6923	0.7254	0.7579
0.7881	0.8152	0.8410	0.8636	0.8209
0.6523	0.6817	0.7046	0.6651	0.7049
0.7443	0.7836	0.8227	0.8615	0.8999
0.9380	0.9760	1.0137	1.0498	1.0000

Width:

0.0330	0.0576	0.0951	0.1096	0.1218
0.1332	0.1431	0.1530	0.1639	0.1761
0.1905	0.2034	0.2202	0.2338	0.2473
0.2622	0.2826	0.3057	0.3228	0.3401
0.3584	0.3801	0.3874	0.3956	0.4029
0.4101	0.4168	0.4236	0.4297	0.4360
0.4435	0.4526	0.4623	0.5102	0.6023
0.7136	0.7876	0.8521	0.8650	0.8723
0.8798	0.8869	0.8939	0.9026	0.9125
0.9212	0.9289	0.9365	0.9467	1.0000

Transect C7

Area:

0.0001	0.0005	0.0011	0.0018	0.0025
0.0033	0.0042	0.0051	0.0061	0.0072
0.0083	0.0096	0.0108	0.0122	0.0136
0.0151	0.0170	0.0196	0.0229	0.0266
0.0304	0.0349	0.0406	0.0487	0.0589
0.0697	0.0814	0.0950	0.1114	0.1321
0.1575	0.1875	0.2195	0.2535	0.2896
0.3276	0.3677	0.4093	0.4522	0.4974
0.5440	0.5913	0.6396	0.6891	0.7392
0.7902	0.8420	0.8940	0.9465	1.0000

Hrad:

0.0270	0.0541	0.0935	0.1356	0.1750
0.2123	0.2481	0.2825	0.3160	0.3486
0.3806	0.4119	0.4429	0.4734	0.5035
0.5273	0.5376	0.5315	0.5217	0.5221
0.5301	0.5362	0.5311	0.5054	0.4828
0.4803	0.4855	0.4839	0.4044	0.4269
0.4408	0.4561	0.4778	0.4979	0.5177
0.4794	0.5057	0.5355	0.5805	0.5968

0.6466 0.6958 0.7081 0.7489 0.7939
0.8296 0.8791 0.9283 0.9770 1.0000
Width:
0.0047 0.0093 0.0117 0.0129 0.0142
0.0155 0.0167 0.0180 0.0193 0.0205
0.0218 0.0231 0.0243 0.0256 0.0269
0.0285 0.0417 0.0548 0.0651 0.0695
0.0738 0.0941 0.1178 0.1766 0.1935
0.2054 0.2318 0.2743 0.3374 0.4262
0.5219 0.5726 0.6038 0.6506 0.6806
0.7214 0.7539 0.7799 0.8176 0.8555
0.8660 0.8802 0.9031 0.9201 0.9311
0.9525 0.9578 0.9630 0.9786 1.0000

Transect C70
Area:
0.0002 0.0009 0.0019 0.0033 0.0053
0.0076 0.0102 0.0131 0.0170 0.0242
0.0333 0.0452 0.0588 0.0747 0.0928
0.1125 0.1326 0.1532 0.1740 0.1949
0.2160 0.2379 0.2604 0.2832 0.3061
0.3292 0.3524 0.3759 0.3995 0.4233
0.4472 0.4713 0.4956 0.5201 0.5447
0.5696 0.5949 0.6204 0.6460 0.6719
0.6979 0.7255 0.7559 0.7876 0.8203
0.8540 0.8884 0.9238 0.9612 1.0000
Hrad:
0.0208 0.0427 0.0644 0.0784 0.0987
0.1228 0.1504 0.1768 0.1737 0.1373
0.1584 0.1570 0.1728 0.1782 0.2102
0.2342 0.2692 0.2997 0.3380 0.3761
0.4127 0.4295 0.4654 0.5017 0.5381
0.5746 0.6100 0.6436 0.6805 0.7172
0.7520 0.7861 0.8193 0.8544 0.8885
0.9152 0.9447 0.9783 1.0107 1.0436
1.0761 1.0734 1.0932 1.1140 1.1360
1.1496 1.1681 1.1885 1.2015 1.0000
Width:
0.0112 0.0206 0.0294 0.0424 0.0536
0.0622 0.0684 0.0745 0.1556 0.2011
0.2558 0.3188 0.3576 0.4254 0.4758
0.4936 0.5051 0.5136 0.5169 0.5203
0.5252 0.5559 0.5614 0.5661 0.5704
0.5742 0.5789 0.5852 0.5881 0.5911
0.5954 0.6002 0.6054 0.6091 0.6133
0.6225 0.6297 0.6340 0.6389 0.6434
0.6511 0.7130 0.7785 0.7958 0.8217
0.8454 0.8607 0.9010 0.9397 1.0000

Transect C71
Area:
0.0002 0.0008 0.0016 0.0028 0.0045
0.0066 0.0089 0.0117 0.0162 0.0232
0.0322 0.0446 0.0590 0.0747 0.0916
0.1112 0.1315 0.1519 0.1724 0.1932
0.2148 0.2370 0.2596 0.2823 0.3052
0.3283 0.3515 0.3749 0.3985 0.4223

0.4462 0.4703 0.4948 0.5194 0.5443
0.5693 0.5946 0.6201 0.6457 0.6716
0.6979 0.7262 0.7569 0.7885 0.8216
0.8554 0.8897 0.9246 0.9616 1.0000

Hrad:

0.0195 0.0410 0.0529 0.0660 0.0833
0.1041 0.1165 0.1392 0.1385 0.1122
0.1133 0.1307 0.1350 0.1660 0.1936
0.1901 0.2237 0.2567 0.2893 0.3205
0.3412 0.3651 0.3960 0.4275 0.4588
0.4898 0.5197 0.5501 0.5807 0.6114
0.6416 0.6696 0.6937 0.7230 0.7519
0.7800 0.8072 0.8355 0.8640 0.8921
0.9020 0.9206 0.9409 0.9556 0.9694
0.9881 1.0080 1.0223 1.0366 1.0000

Width:

0.0105 0.0163 0.0257 0.0373 0.0472
0.0548 0.0666 0.0759 0.1543 0.1917
0.2687 0.3334 0.3881 0.4010 0.4618
0.5084 0.5109 0.5141 0.5177 0.5321
0.5466 0.5635 0.5689 0.5730 0.5771
0.5812 0.5865 0.5908 0.5948 0.5985
0.6024 0.6083 0.6176 0.6220 0.6266
0.6317 0.6374 0.6420 0.6464 0.6510
0.6907 0.7359 0.7878 0.8039 0.8433
0.8552 0.8641 0.9016 0.9449 1.0000

Transect C73

Area:

0.0000 0.0001 0.0003 0.0005 0.0008
0.0011 0.0016 0.0020 0.0026 0.0046
0.0093 0.0170 0.0265 0.0377 0.0498
0.0633 0.0779 0.0930 0.1095 0.1275
0.1467 0.1680 0.1914 0.2165 0.2426
0.2691 0.2966 0.3245 0.3528 0.3813
0.4099 0.4387 0.4676 0.4969 0.5264
0.5562 0.5862 0.6162 0.6464 0.6769
0.7081 0.7395 0.7713 0.8035 0.8360
0.8686 0.9013 0.9341 0.9670 1.0000

Hrad:

0.0166 0.0332 0.0498 0.0664 0.0830
0.0995 0.1182 0.1451 0.1579 0.1230
0.0916 0.0922 0.1072 0.1248 0.1502
0.1677 0.1816 0.2073 0.2343 0.2594
0.2839 0.3057 0.3182 0.3372 0.3513
0.3760 0.3943 0.4209 0.4131 0.4439
0.4752 0.5071 0.5388 0.5699 0.5889
0.6194 0.6505 0.6819 0.7098 0.7399
0.7523 0.7822 0.8125 0.8429 0.8537
0.8852 0.9167 0.9472 0.9767 1.0000

Width:

0.0019 0.0038 0.0057 0.0076 0.0095
0.0114 0.0131 0.0137 0.0324 0.0899
0.1997 0.2582 0.3194 0.3485 0.3828
0.4278 0.4438 0.4641 0.5205 0.5590
0.6000 0.6810 0.7221 0.7759 0.7920
0.8063 0.8340 0.8456 0.8540 0.8589

0.8626 0.8650 0.8753 0.8833 0.8939
0.8980 0.9010 0.9037 0.9106 0.9292
0.9414 0.9454 0.9631 0.9730 0.9793
0.9812 0.9832 0.9862 0.9900 1.0000

Transect C74
Area:
0.0002 0.0008 0.0016 0.0025 0.0036
0.0048 0.0063 0.0078 0.0094 0.0112
0.0130 0.0150 0.0171 0.0193 0.0227
0.0281 0.0364 0.0463 0.0585 0.0731
0.0888 0.1056 0.1236 0.1427 0.1635
0.1860 0.2101 0.2362 0.2634 0.2930
0.3236 0.3549 0.3867 0.4197 0.4533
0.4874 0.5221 0.5570 0.5921 0.6273
0.6628 0.6985 0.7347 0.7712 0.8084
0.8460 0.8837 0.9218 0.9606 1.0000
Hrad:
0.0199 0.0489 0.0749 0.0997 0.1225
0.1421 0.1668 0.1938 0.2199 0.2452
0.2700 0.2941 0.3178 0.3203 0.2217
0.1539 0.1716 0.1711 0.1670 0.1912
0.2177 0.2404 0.2654 0.2856 0.2992
0.3137 0.3418 0.3519 0.3769 0.3851
0.4139 0.4484 0.4709 0.4996 0.5329
0.5603 0.5954 0.6317 0.6681 0.7042
0.7383 0.7699 0.8022 0.8286 0.8553
0.8902 0.9257 0.9488 0.9704 1.0000
Width:
0.0123 0.0171 0.0213 0.0252 0.0292
0.0340 0.0375 0.0401 0.0428 0.0454
0.0481 0.0507 0.0534 0.0599 0.1025
0.1918 0.2278 0.2715 0.3518 0.3838
0.4095 0.4411 0.4676 0.5020 0.5491
0.5959 0.6176 0.6745 0.7024 0.7644
0.7855 0.7949 0.8245 0.8433 0.8537
0.8726 0.8795 0.8840 0.8883 0.8927
0.8993 0.9088 0.9171 0.9318 0.9461
0.9510 0.9551 0.9719 0.9901 1.0000

Transect C75
Area:
0.0001 0.0003 0.0006 0.0010 0.0016
0.0022 0.0029 0.0037 0.0046 0.0055
0.0065 0.0076 0.0096 0.0140 0.0209
0.0293 0.0385 0.0502 0.0634 0.0774
0.0920 0.1073 0.1239 0.1431 0.1641
0.1872 0.2120 0.2388 0.2671 0.2979
0.3304 0.3634 0.3967 0.4302 0.4639
0.4980 0.5326 0.5677 0.6030 0.6384
0.6740 0.7097 0.7455 0.7814 0.8175
0.8537 0.8901 0.9265 0.9631 1.0000
Hrad:
0.0184 0.0368 0.0552 0.0736 0.0964
0.1221 0.1466 0.1673 0.1862 0.2051
0.2238 0.2270 0.1747 0.1463 0.0970
0.1225 0.1464 0.1476 0.1723 0.2019

0.2295 0.2542 0.2751 0.2878 0.2832
0.2893 0.3090 0.3239 0.3378 0.3487
0.3743 0.4089 0.4426 0.4769 0.5098
0.5397 0.5692 0.6000 0.6341 0.6688
0.7035 0.7381 0.7726 0.8069 0.8404
0.8740 0.9077 0.9423 0.9766 1.0000

Width:

0.0035 0.0069 0.0104 0.0138 0.0164
0.0181 0.0197 0.0218 0.0241 0.0264
0.0286 0.0332 0.0909 0.1447 0.2160
0.2398 0.2726 0.3416 0.3693 0.3846
0.4024 0.4239 0.4814 0.5529 0.5837
0.6500 0.6927 0.7405 0.7945 0.8584
0.8869 0.8926 0.8998 0.9054 0.9131
0.9260 0.9387 0.9489 0.9535 0.9569
0.9602 0.9634 0.9665 0.9698 0.9739
0.9777 0.9812 0.9837 0.9894 1.0000

Transect C76

Area:

0.0001 0.0003 0.0006 0.0011 0.0017
0.0025 0.0033 0.0044 0.0055 0.0068
0.0083 0.0098 0.0113 0.0130 0.0146
0.0164 0.0181 0.0200 0.0226 0.0287
0.0363 0.0446 0.0538 0.0641 0.0749
0.0860 0.0972 0.1088 0.1221 0.1365
0.1519 0.1693 0.1901 0.2158 0.2453
0.2781 0.3157 0.3572 0.4008 0.4470
0.4951 0.5456 0.5978 0.6518 0.7072
0.7636 0.8214 0.8803 0.9401 1.0000

Hrad:

0.0286 0.0572 0.0858 0.1144 0.1430
0.1716 0.2002 0.2288 0.2574 0.2860
0.3190 0.3639 0.4077 0.4504 0.4922
0.5332 0.5734 0.6122 0.6223 0.5518
0.5100 0.4935 0.4860 0.4888 0.5074
0.5374 0.5718 0.6073 0.6323 0.6553
0.6780 0.6908 0.6283 0.6486 0.6632
0.6807 0.6900 0.7035 0.7256 0.7435
0.7687 0.7915 0.8142 0.7433 0.7888
0.8216 0.8578 0.8986 0.9492 1.0000

Width:

0.0023 0.0046 0.0068 0.0091 0.0114
0.0137 0.0159 0.0182 0.0205 0.0228
0.0247 0.0256 0.0265 0.0274 0.0283
0.0292 0.0301 0.0336 0.0630 0.1191
0.1327 0.1453 0.1631 0.1766 0.1827
0.1851 0.1889 0.2050 0.2310 0.2476
0.2706 0.3117 0.3872 0.4557 0.5215
0.5812 0.6661 0.7091 0.7491 0.7835
0.8224 0.8552 0.8840 0.9133 0.9313
0.9512 0.9724 0.9930 0.9965 1.0000

Transect C77

Area:

0.0001 0.0003 0.0006 0.0011 0.0016
0.0022 0.0028 0.0036 0.0044 0.0052

0.0062 0.0071 0.0082 0.0093 0.0105
0.0118 0.0131 0.0146 0.0167 0.0192
0.0221 0.0254 0.0290 0.0345 0.0415
0.0497 0.0591 0.0698 0.0820 0.0950
0.1089 0.1238 0.1402 0.1582 0.1776
0.2010 0.2283 0.2594 0.2980 0.3558
0.4177 0.4805 0.5442 0.6082 0.6725
0.7375 0.8029 0.8684 0.9341 1.0000

Hrad:

0.0328 0.0656 0.0984 0.1397 0.1848
0.2273 0.2678 0.3070 0.3456 0.3833
0.4204 0.4568 0.4929 0.5285 0.5638
0.5987 0.6320 0.6522 0.6553 0.6553
0.6559 0.6586 0.6597 0.6279 0.5878
0.5664 0.5633 0.5489 0.5450 0.5665
0.5923 0.5970 0.5634 0.5906 0.6406
0.6762 0.6535 0.6141 0.6094 0.6049
0.6231 0.6366 0.6714 0.7207 0.7719
0.7451 0.8091 0.8729 0.9365 1.0000

Width:

0.0020 0.0040 0.0061 0.0075 0.0085
0.0095 0.0105 0.0116 0.0125 0.0135
0.0145 0.0155 0.0165 0.0175 0.0185
0.0194 0.0205 0.0288 0.0348 0.0407
0.0464 0.0521 0.0662 0.0969 0.1134
0.1357 0.1495 0.1782 0.1920 0.2020
0.2169 0.2371 0.2608 0.2824 0.3157
0.3826 0.4420 0.4895 0.7415 0.9311
0.9482 0.9579 0.9679 0.9727 0.9785
0.9898 0.9922 0.9948 0.9974 1.0000

Transect C78

Area:

0.0001 0.0004 0.0010 0.0018 0.0027
0.0036 0.0047 0.0061 0.0084 0.0114
0.0148 0.0185 0.0227 0.0276 0.0333
0.0399 0.0473 0.0558 0.0650 0.0749
0.0859 0.0980 0.1118 0.1270 0.1443
0.1635 0.1844 0.2073 0.2316 0.2587
0.2871 0.3168 0.3477 0.3795 0.4130
0.4484 0.4853 0.5233 0.5620 0.6010
0.6401 0.6794 0.7188 0.7584 0.7981
0.8381 0.8783 0.9187 0.9592 1.0000

Hrad:

0.0205 0.0410 0.0616 0.0821 0.1183
0.1531 0.1853 0.2030 0.2003 0.2064
0.2222 0.2413 0.2595 0.2742 0.2862
0.2963 0.3063 0.3072 0.3240 0.3163
0.3307 0.3517 0.3743 0.3948 0.4079
0.4242 0.4361 0.4481 0.4587 0.4361
0.4619 0.4865 0.5127 0.5383 0.5610
0.5677 0.5864 0.5830 0.6007 0.6386
0.6764 0.7141 0.7517 0.7882 0.8244
0.8605 0.8965 0.9309 0.9693 1.0000

Width:

0.0054 0.0108 0.0162 0.0217 0.0227
0.0238 0.0285 0.0407 0.0716 0.0784

0.0851 0.0953 0.1117 0.1301 0.1485
0.1708 0.1935 0.2166 0.2305 0.2559
0.2766 0.3128 0.3531 0.3935 0.4506
0.4873 0.5403 0.5755 0.6217 0.6818
0.7076 0.7398 0.7654 0.7899 0.8403
0.8819 0.9177 0.9369 0.9486 0.9523
0.9559 0.9596 0.9634 0.9682 0.9733
0.9783 0.9834 0.9870 0.9897 1.0000

Transect C8
Area:
0.0002 0.0009 0.0019 0.0030 0.0043
0.0057 0.0072 0.0087 0.0102 0.0118
0.0134 0.0151 0.0168 0.0185 0.0203
0.0221 0.0240 0.0259 0.0315 0.0401
0.0502 0.0625 0.0769 0.0924 0.1089
0.1269 0.1456 0.1648 0.1856 0.2128
0.2482 0.2853 0.3234 0.3616 0.3999
0.4383 0.4769 0.5156 0.5545 0.5936
0.6330 0.6727 0.7125 0.7526 0.7929
0.8336 0.8745 0.9158 0.9575 1.0000
Hrad:
0.0220 0.0440 0.0749 0.1093 0.1415
0.1728 0.2086 0.2429 0.2758 0.3076
0.3383 0.3680 0.3970 0.4257 0.4536
0.4809 0.5075 0.5314 0.4756 0.4199
0.3837 0.3562 0.3499 0.3554 0.3610
0.3732 0.3951 0.4181 0.4352 0.3924
0.3994 0.4127 0.4101 0.4447 0.4807
0.5175 0.5549 0.5914 0.6273 0.6637
0.7002 0.7370 0.7750 0.8125 0.8497
0.8865 0.9219 0.9565 0.9871 1.0000
Width:
0.0099 0.0199 0.0254 0.0281 0.0307
0.0331 0.0341 0.0351 0.0360 0.0370
0.0379 0.0389 0.0398 0.0407 0.0416
0.0425 0.0433 0.0626 0.1832 0.2085
0.2567 0.3201 0.3461 0.3671 0.3996
0.4247 0.4361 0.4495 0.5377 0.7972
0.8385 0.8762 0.8801 0.8828 0.8856
0.8883 0.8914 0.8957 0.9009 0.9061
0.9118 0.9175 0.9224 0.9280 0.9342
0.9407 0.9487 0.9574 0.9705 1.0000

Transect C9
Area:
0.0001 0.0005 0.0009 0.0015 0.0022
0.0029 0.0038 0.0047 0.0056 0.0067
0.0078 0.0091 0.0131 0.0192 0.0266
0.0382 0.0567 0.0781 0.1009 0.1245
0.1487 0.1739 0.1999 0.2263 0.2540
0.2819 0.3100 0.3384 0.3676 0.3971
0.4267 0.4564 0.4862 0.5161 0.5460
0.5759 0.6059 0.6359 0.6660 0.6961
0.7263 0.7564 0.7867 0.8169 0.8472
0.8776 0.9080 0.9384 0.9690 1.0000
Hrad:

```
            0.0153     0.0359     0.0563     0.0749     0.0925
            0.1107     0.1308     0.1501     0.1687     0.1868
            0.2010     0.2069     0.1702     0.1458     0.1295
            0.0862     0.0933     0.1092     0.1331     0.1606
            0.1842     0.2087     0.2344     0.2591     0.2805
            0.3092     0.3383     0.3663     0.3846     0.4133
            0.4422     0.4711     0.5012     0.5312     0.5612
            0.5911     0.6210     0.6508     0.6806     0.7104
            0.7401     0.7699     0.7996     0.8292     0.8588
            0.8884     0.9178     0.9454     0.9730     1.0000
Width:
            0.0084     0.0132     0.0164     0.0195     0.0227
            0.0256     0.0277     0.0299     0.0321     0.0343
            0.0371     0.0767     0.1592     0.2176     0.2620
            0.5305     0.6616     0.7016     0.7440     0.7611
            0.7928     0.8183     0.8371     0.8577     0.8891
            0.8953     0.9000     0.9201     0.9384     0.9434
            0.9474     0.9512     0.9525     0.9539     0.9552
            0.9565     0.9579     0.9592     0.9606     0.9618
            0.9631     0.9644     0.9656     0.9669     0.9682
            0.9694     0.9708     0.9740     0.9772     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 .............. 04/13/2025 12:00:00
Antecedent Dry Days ...... 0.0
Report Time Step ......... 00:01:00
Wet Time Step ............ 00:01:00
Dry Time Step ............ 00:05:00
Routing Time Step ........ 1.00 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 ......        11.600       115.602
Evaporation Loss .........         0.000         0.000
Infiltration Loss ........         5.651        56.312
```

Surface Runoff	5.826	58.062
Final Storage	0.124	1.238
Continuity Error (%)	-0.008	

Flow Routing Continuity	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	5.826	58.263
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	5.726	57.262
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.146	1.457
Final Stored Volume	0.278	2.780
Continuity Error (%)	-0.539	

****
Highest Continuity Errors
****
Node Existing-Node-B4A1A5 (69.12%)
Node Existing-Node-C1B2B1A2 (-17.68%)
Node Existing-Node-C1B2B1A1 (13.04%)
Node Existing-Node-C1B2B1B1B2B3A2 (-5.20%)
Node Existing-Node-B4B6A5 (-3.43%)

****
Time-Step Critical Elements
****
None

****
Highest Flow Instability Indexes
****
Link ChannelA2B5B2 (3)
Link ChannelB4B6A3_3 (3)

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

****
Routing Time Step Summary
****
Minimum Time Step : 0.33 sec
Average Time Step : 1.00 sec
Maximum Time Step : 1.00 sec

```
  % of Time in Steady State   :     0.00
  Average Iterations per Step :     2.00
  % of Steps Not Converging   :     0.00
  Time Step Frequencies       :
      1.000 -  0.871 sec      :    99.34 %
      0.871 -  0.758 sec      :     0.21 %
      0.758 -  0.660 sec      :     0.22 %
      0.660 -  0.574 sec      :     0.23 %
      0.574 -  0.500 sec      :     0.00 %


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

  ------------------------------------------------------------------------------------
-----------------------------------------------
                             Total      Total      Total      Total     Imperv
Perv      Total       Total     Peak  Runoff
                          Precip      Runon       Evap      Infil     Runoff
Runoff     Runoff      Runoff   Runoff   Coeff
  Subcatchment                mm         mm         mm         mm         mm
mm         mm    10^6 ltr      CMS
  ------------------------------------------------------------------------------------
-----------------------------------------------
  PAD1001Link_1            115.60      58.38       0.00      59.83       6.91
105.98     112.90        0.42     0.09   0.649
  PAD1004Link              115.60       0.00       0.00      59.44       4.58
50.32      54.91         0.06     0.02   0.475
  PAD1005Link              115.60       0.00       0.00      59.63       4.58
50.14      54.72         0.29     0.07   0.473
  PAD1006Link_1            115.60       0.00       0.00      59.57       4.58
50.19      54.78         0.44     0.10   0.474
  PAD1006Link_2            115.60       0.00       0.00      59.33       4.58
50.43      55.01         0.07     0.02   0.476
  PAD1007Link_1            115.60       0.00       0.00      59.71       4.58
50.06      54.64         0.48     0.10   0.473
  PAD1007Link_2            115.60       0.00       0.00      59.37       4.58
50.39      54.97         0.24     0.06   0.476
  PAD1008Link_1            115.60       0.00       0.00      58.87       4.58
50.90      55.47         0.18     0.07   0.480
  PAD1009Link_2            115.60       0.00       0.00      58.89       4.58
50.88      55.45         0.04     0.01   0.480
  PAD1010Link              115.60       0.00       0.00      59.18       4.58
50.58      55.16         0.27     0.08   0.477
  PAD1011Link_1            115.60       0.00       0.00      59.45       4.58
50.32      54.90         0.56     0.14   0.475
  PAD1011Link_2            115.60       0.00       0.00      59.51       4.58
50.26      54.84         0.75     0.18   0.474
  PAD1102Link              115.60       0.00       0.00       0.00     114.47
0.00     114.47         0.58     0.20   0.990
  PAD1103Link              115.60       0.00       0.00       0.00     114.47
0.00     114.47         0.71     0.24   0.990
  PAD1104Link              115.60       0.00       0.00       0.00     114.47
0.00     114.47         0.27     0.09   0.990
  PAD1201Link              115.60       0.00       0.00      59.17       4.58
50.60      55.18         0.57     0.18   0.477
  PAD1202Link              115.60       0.00       0.00      59.35       4.58
50.41      54.99         0.90     0.25   0.476
```

PAD1203Link	115.60	0.00	0.00	59.18	4.58	50.59	55.17	0.43	0.14	0.477
PAD1204Link	115.60	0.00	0.00	59.15	4.58	50.61	55.19	0.39	0.12	0.477
PAD1205Link	115.60	0.00	0.00	59.13	4.58	50.64	55.22	0.22	0.07	0.478
PAD1206Link	115.60	0.00	0.00	58.65	4.58	51.13	55.71	0.05	0.02	0.482
PAD1207Link_1	115.60	0.00	0.00	59.73	4.58	50.04	54.62	0.77	0.16	0.472
PAD1207Link_2	115.60	0.00	0.00	59.25	4.58	50.52	55.10	0.37	0.11	0.477
PAD1208Link	115.60	0.00	0.00	59.64	4.58	50.12	54.70	0.80	0.18	0.473
PAD1209Link_1	115.60	0.00	0.00	59.43	4.58	50.33	54.91	0.42	0.11	0.475
PAD1209Link_2	115.60	0.00	0.00	59.20	4.58	50.56	55.14	0.60	0.18	0.477
PAD1301Link_1	115.60	0.00	0.00	59.54	4.58	50.23	54.81	0.55	0.13	0.474
PAD1301Link_2	115.60	0.00	0.00	59.48	4.58	50.29	54.87	0.45	0.11	0.475
PAD1401Link_1	115.60	0.00	0.00	59.36	4.58	50.40	54.98	0.28	0.08	0.476
PAD1401Link_2	115.60	4.94	0.00	59.25	4.78	55.27	60.04	0.30	0.09	0.498
PAD1501Link	115.60	0.00	0.00	59.27	4.58	50.50	55.08	0.50	0.15	0.476
PAD501	115.60	0.00	0.00	59.09	4.58	50.68	55.26	0.36	0.12	0.478
PAD502Link	115.60	0.00	0.00	59.06	4.58	50.71	55.29	0.38	0.13	0.478
PAD503Link	115.60	0.00	0.00	59.48	4.58	50.29	54.87	0.23	0.06	0.475
PAD504Link	115.60	0.00	0.00	59.70	4.58	50.07	54.65	0.74	0.16	0.473
PAD601Link	115.60	0.00	0.00	59.72	4.58	50.05	54.63	1.39	0.29	0.473
PAD602Link	115.60	0.00	0.00	58.87	4.58	50.90	55.48	0.26	0.10	0.480
PAD603Link_1	115.60	0.00	0.00	59.35	4.58	50.42	55.00	0.72	0.20	0.476
PAD603Link_2	115.60	0.00	0.00	59.25	4.58	50.52	55.10	0.28	0.08	0.477
PAD604Link_1	115.60	0.00	0.00	59.25	4.58	50.51	55.09	0.58	0.17	0.477
PAD604Link_2	115.60	0.00	0.00	60.17	4.58	49.59	54.18	1.23	0.19	0.469
PAD605Link	115.60	80.91	0.00	59.76	7.81	127.67	135.49	0.71	0.14	0.689
PAD613Link_1	115.60	0.00	0.00	0.00	114.52	0.00	114.52	0.12	0.04	0.991
PAD613Link_2	115.60	0.00	0.00	0.00	114.47	0.00	114.47	0.50	0.17	0.990
PAD614Link_1	115.60	0.00	0.00	0.00	114.47	0.00	114.47	0.44	0.15	0.990
PAD614Link_2	115.60	0.00	0.00	0.00	114.51	0.00	114.51	0.04	0.01	0.991
PAD614Link_3	115.60	0.00	0.00	9.07	87.01	18.38	105.38	0.02	0.01	0.912

PAD614Link_4	115.60	0.00	0.00	9.05	87.02	18.40	105.42	0.12	0.04	0.912
PAD615Link_1	115.60	0.00	0.00	0.00	114.47	0.00	114.47	0.49	0.17	0.990
PAD615Link_2	115.60	0.00	0.00	9.05	87.02	18.40	105.42	0.14	0.05	0.912
PAD615Link_3	115.60	0.00	0.00	9.05	87.02	18.40	105.42	0.18	0.06	0.912
PAD616Link	115.60	0.00	0.00	0.00	114.47	0.00	114.47	0.39	0.13	0.990
PAD701Link	115.60	0.00	0.00	58.89	4.58	50.88	55.46	0.35	0.14	0.480
PAD702Link	115.60	0.00	0.00	59.46	4.58	50.31	54.89	0.70	0.18	0.475
PAD703Link	115.60	0.00	0.00	59.16	4.58	50.61	55.19	0.57	0.18	0.477
PAD801Link	115.60	0.00	0.00	59.33	4.58	50.43	55.01	0.25	0.07	0.476
PAD802Link	115.60	0.00	0.00	60.02	4.58	49.75	54.33	0.58	0.10	0.470
PAD803Link	115.60	0.00	0.00	59.45	4.58	50.32	54.90	0.26	0.07	0.475
PAD804Link	115.60	0.00	0.00	59.23	4.58	50.54	55.12	0.41	0.12	0.477
PAD901Link_1	115.60	0.00	0.00	59.76	4.58	50.01	54.59	0.76	0.15	0.472
PAD901Link_2	115.60	0.00	0.00	59.36	4.58	50.40	54.98	0.42	0.11	0.476
PAD901Link_3	115.60	0.00	0.00	59.40	4.58	50.37	54.95	0.39	0.10	0.475
S1	115.60	0.00	0.00	59.36	4.58	50.41	54.99	0.67	0.18	0.476
S3	115.60	0.00	0.00	59.10	4.58	50.67	55.25	0.37	0.12	0.478
S4	115.60	0.00	0.00	59.46	4.58	50.31	54.89	1.09	0.28	0.475
S40	115.60	0.00	0.00	9.01	86.99	18.44	105.43	0.02	0.01	0.912
S41	115.60	0.00	0.00	9.01	86.99	18.44	105.43	0.03	0.01	0.912
S49_2	115.60	0.00	0.00	9.07	87.01	18.38	105.39	0.01	0.00	0.912
S5	115.60	13.19	0.00	55.91	5.11	66.52	71.64	0.16	0.05	0.556
S6	115.60	0.00	0.00	56.84	4.58	52.93	57.51	0.22	0.08	0.497
S7_1	115.60	0.00	0.00	0.00	115.44	0.00	115.44	0.05	0.02	0.999
S7_10	115.60	0.00	0.00	4.84	98.26	12.49	110.75	0.27	0.09	0.958
S7_11	115.60	0.00	0.00	4.84	98.26	12.49	110.75	0.21	0.07	0.958
S7_12	115.60	0.00	0.00	4.84	98.26	12.49	110.75	0.19	0.07	0.958
S7_2	115.60	0.00	0.00	0.00	115.44	0.00	115.44	0.05	0.02	0.999
S7_3	115.60	0.00	0.00	0.00	115.44	0.00	115.44	0.04	0.01	0.999
S7_5	115.60	0.00	0.00	0.00	115.44	0.00	115.44	0.27	0.09	0.999

S7_6		115.60	0.00	0.00	4.84	98.26	
12.49	110.75	0.26	0.09	0.958			
S7_7		115.60	0.00	0.00	4.84	98.26	
12.49	110.75	0.25	0.09	0.958			
S7_8		115.60	0.00	0.00	4.84	98.26	
12.49	110.75	0.23	0.08	0.958			
S7_9		115.60	0.00	0.00	4.84	98.26	
12.49	110.75	0.29	0.10	0.958			
S8		115.60	0.00	0.00	59.48	4.58	
50.29	54.87	0.59	0.15	0.475			
SubA		115.60	0.00	0.00	58.83	4.58	
50.94	55.52	0.20	0.08	0.480			
SubA1_1		115.60	0.00	0.00	59.54	4.58	
50.23	54.81	0.87	0.21	0.474			
SubA1_2		115.60	0.00	0.00	59.07	4.58	
50.70	55.28	0.44	0.15	0.478			
SubA2		115.60	0.00	0.00	59.21	4.58	
50.56	55.14	0.41	0.13	0.477			
SubA2A1		115.60	0.00	0.00	59.31	4.58	
50.45	55.03	0.69	0.20	0.476			
SubA2A2		115.60	0.00	0.00	59.35	4.58	
50.42	55.00	0.62	0.17	0.476			
SubA2B1		115.60	0.00	0.00	59.66	4.58	
50.11	54.69	0.52	0.11	0.473			
SubA2B2		115.60	0.00	0.00	59.20	4.58	
50.57	55.15	0.35	0.11	0.477			
SubA2B3		115.60	0.00	0.00	59.11	4.58	
50.66	55.24	0.76	0.25	0.478			
SubA2B4		115.60	0.00	0.00	59.50	4.58	
50.27	54.85	0.50	0.12	0.474			
SubA2B5		115.60	0.00	0.00	59.44	4.58	
50.33	54.91	0.29	0.07	0.475			
SubA2B5A1_1		115.60	0.00	0.00	60.08	4.58	
49.69	54.27	0.80	0.13	0.469			
SubA2B5A1_2		115.60	0.00	0.00	59.67	4.58	
50.10	54.68	0.37	0.08	0.473			
SubA2B5B1		115.60	0.00	0.00	59.41	4.58	
50.36	54.94	0.62	0.16	0.475			
SubA2B5B2_1		115.60	0.00	0.00	59.94	4.58	
49.82	54.40	0.48	0.09	0.471			
SubA2B5B2_2		115.60	0.00	0.00	59.44	4.58	
50.33	54.91	0.67	0.17	0.475			
SubA2B5B3_1		115.60	0.00	0.00	59.88	4.58	
49.89	54.47	0.83	0.16	0.471			
SubA2B5B3_2		115.60	0.00	0.00	59.94	4.58	
49.83	54.41	0.77	0.14	0.471			
SubB_1		115.60	0.00	0.00	59.63	4.58	
50.13	54.71	0.57	0.13	0.473			
SubB_2		115.60	0.00	0.00	59.11	4.58	
50.65	55.23	0.28	0.09	0.478			
SubB1		115.60	0.00	0.00	58.93	4.58	
50.84	55.42	0.26	0.10	0.479			
SubB3_1		115.60	0.00	0.00	59.16	4.58	
50.61	55.19	0.82	0.26	0.477			
SubB3_2		115.60	0.00	0.00	59.52	4.58	
50.25	54.83	0.76	0.18	0.474			
SubB4		115.60	0.00	0.00	58.77	4.58	
51.01	55.58	0.23	0.10	0.481			
SubB4A1_1		115.60	0.00	0.00	59.06	4.58	
50.71	55.29	0.72	0.25	0.478			

SubB4A1_2		115.60		0.00	0.00	58.91	4.58	
50.86	55.44	0.39	0.15	0.480				
SubB4A1A2_1		115.60		0.00	0.00	59.41	4.58	
50.35	54.93	0.46	0.12	0.475				
SubB4A1A2_3		115.60		0.00	0.00	59.12	4.58	
50.65	55.22	0.42	0.14	0.478				
SubB4A1A3		115.60		0.00	0.00	59.31	4.58	
50.46	55.04	0.27	0.08	0.476				
SubB4A1A4_1		115.60		0.00	0.00	59.62	4.58	
50.15	54.73	0.25	0.06	0.473				
SubB4A1A4_2		115.60		0.00	0.00	59.37	4.58	
50.39	54.97	0.73	0.20	0.476				
SubB4A1B1_2		115.60		0.00	0.00	59.69	4.58	
50.07	54.65	0.71	0.15	0.473				
SubB4A1B2		115.60		0.00	0.00	59.14	4.58	
50.63	55.21	0.27	0.09	0.478				
SubB4A1B3_2		115.60		0.00	0.00	59.48	4.58	
50.28	54.86	0.79	0.20	0.475				
SubB4B1		115.60		0.00	0.00	59.37	4.58	
50.39	54.97	0.63	0.17	0.476				
SubB4B2		115.60		0.00	0.00	59.23	4.58	
50.54	55.12	0.29	0.09	0.477				
SubB4B3		115.60		0.00	0.00	59.29	4.58	
50.47	55.05	0.32	0.09	0.476				
SubB4B4_1		115.60		0.00	0.00	59.08	4.58	
50.69	55.27	0.30	0.10	0.478				
SubB4B4_2		115.60		0.00	0.00	59.59	4.58	
50.17	54.75	0.39	0.09	0.474				
SubB4B5		115.60		0.00	0.00	59.54	4.58	
50.22	54.80	0.61	0.14	0.474				
SubB4B6		115.60		0.00	0.00	59.28	4.58	
50.48	55.06	0.34	0.10	0.476				
SubB4B6A1		115.60		0.00	0.00	59.59	4.58	
50.17	54.76	0.80	0.18	0.474				
SubB4B6A2_1		115.60		0.00	0.00	59.33	4.58	
50.44	55.02	0.55	0.15	0.476				
SubB4B6A2_2		115.60		0.00	0.00	59.22	4.58	
50.55	55.13	0.03	0.01	0.477				
SubB4B6A3		115.60		0.00	0.00	59.50	4.58	
50.27	54.85	0.12	0.03	0.474				
SubB4B6A3_3		115.60		0.00	0.00	59.56	4.58	
50.21	54.79	0.20	0.05	0.474				
SubB4B6A3_4		115.60		0.00	0.00	59.59	4.58	
50.18	54.76	0.35	0.08	0.474				
SubB4B6A3_5		115.60		0.00	0.00	59.13	4.58	
50.64	55.22	0.74	0.24	0.478				
SubB4B6A4_1		115.60		0.00	0.00	59.74	4.58	
50.02	54.60	0.76	0.16	0.472				
SubB4B6A4_2		115.60		0.00	0.00	59.46	4.58	
50.31	54.89	0.64	0.16	0.475				
SubB4B6A6		115.60		0.00	0.00	59.42	4.58	
50.34	54.92	0.75	0.19	0.475				
SubB4B6B1		115.60		0.00	0.00	59.68	4.58	
50.09	54.67	0.76	0.16	0.473				

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Node Depth Summary
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Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
Existing-Node-A1	JUNCTION	0.21	0.41	93.86	0 12:09	0.41
Existing-Node-A2	JUNCTION	0.02	0.13	94.06	0 12:33	0.13
Existing-Node-A2A1	JUNCTION	0.01	0.11	94.95	0 12:18	0.11
Existing-Node-A2A2	JUNCTION	0.00	0.04	95.07	0 12:03	0.04
Existing-Node-A2B1	JUNCTION	0.05	0.46	94.55	0 13:14	0.46
Existing-Node-A2B2	JUNCTION	0.05	0.43	94.55	0 13:19	0.43
Existing-Node-A2B3	JUNCTION	0.02	0.28	94.55	0 13:17	0.28
Existing-Node-A2B4	JUNCTION	0.02	0.14	94.67	0 12:30	0.14
Existing-Node-A2B5	JUNCTION	0.01	0.08	94.79	0 12:30	0.08
Existing-Node-A2B5A1	JUNCTION	0.01	0.24	94.96	0 12:00	0.24
Existing-Node-A2B5B1	JUNCTION	0.01	0.07	94.89	0 12:29	0.07
Existing-Node-A2B5B2	JUNCTION	0.02	0.15	94.98	0 12:26	0.15
Existing-Node-A2B5B3	JUNCTION	0.01	0.07	94.99	0 12:07	0.07
Existing-Node-B1	JUNCTION	0.04	0.45	94.29	0 12:15	0.45
Existing-Node-B3	JUNCTION	0.06	0.56	94.46	0 12:14	0.56
Existing-Node-B4	JUNCTION	0.04	0.51	94.47	0 12:13	0.51
Existing-Node-B4A1	JUNCTION	0.02	0.41	94.48	0 12:16	0.41
Existing-Node-B4A1A1	JUNCTION	0.02	0.44	95.10	0 12:11	0.43
Existing-Node-B4A1A2	JUNCTION	0.01	0.21	95.03	0 12:09	0.21
Existing-Node-B4A1A3	JUNCTION	0.01	0.08	95.17	0 12:02	0.08
Existing-Node-B4A1A4	JUNCTION	0.01	0.09	95.36	0 12:01	0.09
Existing-Node-B4A1A5	JUNCTION	0.87	1.04	97.44	0 16:01	1.04
Existing-Node-B4A1B1	JUNCTION	0.01	0.11	95.06	0 12:01	0.11
Existing-Node-B4A1B2	JUNCTION	0.01	0.14	95.22	0 12:00	0.14
Existing-Node-B4A1B3	JUNCTION	0.00	0.05	95.33	0 12:00	0.05
Existing-Node-B4B1	JUNCTION	0.02	0.16	94.53	0 12:05	0.16
Existing-Node-B4B2	JUNCTION	0.02	0.17	94.72	0 12:04	0.17
Existing-Node-B4B3	JUNCTION	0.01	0.14	94.73	0 12:04	0.14
Existing-Node-B4B4	JUNCTION	0.01	0.13	94.80	0 12:04	0.13
Existing-Node-B4B5	JUNCTION	0.02	0.14	94.91	0 12:05	0.14
Existing-Node-B4B6	JUNCTION	0.01	0.11	94.91	0 12:04	0.11
Existing-Node-B4B6A1	JUNCTION	0.02	0.15	95.12	0 12:04	0.15
Existing-Node-B4B6A2	JUNCTION	0.01	0.06	95.26	0 12:01	0.06
Existing-Node-B4B6A3	JUNCTION	0.03	0.26	95.92	0 13:18	0.26
Existing-Node-B4B6A4	JUNCTION	0.02	0.16	95.92	0 13:14	0.16
Existing-Node-B4B6A5	JUNCTION	0.01	0.07	96.05	0 12:03	0.07
Existing-Node-B4B6A6	JUNCTION	0.01	0.37	96.51	0 12:00	0.36
Existing-Node-B4B6B1	JUNCTION	0.00	0.08	94.93	0 12:00	0.08
Existing-Node-C1	JUNCTION	0.08	0.21	94.02	0 12:10	0.21
Existing-Node-C1A1	JUNCTION	0.00	0.07	94.29	0 12:00	0.07
Existing-Node-C1A2	JUNCTION	0.01	0.12	94.37	0 12:00	0.12
Existing-Node-C1B1	JUNCTION	0.07	0.16	94.22	0 15:34	0.16
Existing-Node-C1B2	JUNCTION	0.06	0.13	94.58	0 15:42	0.13
Existing-Node-C1B2A1	JUNCTION	0.10	0.33	94.93	0 15:01	0.33
Existing-Node-C1B2A2	JUNCTION	0.04	0.18	94.93	0 15:06	0.18
Existing-Node-C1B2A2A1	JUNCTION	0.02	0.33	95.18	0 12:04	0.33
Existing-Node-C1B2A2A2	JUNCTION	0.05	0.38	95.20	0 12:04	0.38
Existing-Node-C1B2A2A3	JUNCTION	0.01	0.34	95.21	0 12:03	0.34
Existing-Node-C1B2A2A4	JUNCTION	0.01	0.31	95.21	0 12:03	0.31

Existing-Node-C1B2A2B1	JUNCTION	0.10	0.31	95.19	0	13:20	0.31
Existing-Node-C1B2A2B1A1	JUNCTION	0.01	0.07	95.25	0	12:05	0.07
Existing-Node-C1B2A2B1B1	JUNCTION	0.08	0.27	95.20	0	13:21	0.27
Existing-Node-C1B2B1	JUNCTION	0.09	0.32	94.89	0	18:15	0.32
Existing-Node-C1B2B1A1	JUNCTION	0.09	0.31	94.89	0	18:14	0.31
Existing-Node-C1B2B1A2	JUNCTION	0.01	0.10	95.08	0	12:05	0.10
Existing-Node-C1B2B1A3	JUNCTION	0.00	0.04	95.26	0	12:02	0.04
Existing-Node-C1B2B1B1	JUNCTION	0.04	0.19	94.89	0	18:17	0.19
Existing-Node-C1B2B1B1A1	JUNCTION	0.03	0.16	94.89	0	18:18	0.16
Existing-Node-C1B2B1B1B1	JUNCTION	0.01	0.06	94.92	0	12:06	0.06
Existing-Node-C1B2B1B1B2	JUNCTION	0.01	0.07	95.28	0	12:05	0.07
Existing-Node-C1B2B1B1B2A1	JUNCTION	0.01	0.09	95.43	0	12:01	0.09
Existing-Node-C1B2B1B1B2B1	JUNCTION	0.05	0.33	95.58	0	13:22	0.33
Existing-Node-C1B2B1B1B2B2	JUNCTION	0.04	0.31	95.58	0	13:21	0.31
Existing-Node-C1B2B1B1B2B3	JUNCTION	0.04	0.30	95.59	0	13:18	0.30
Existing-Node-C1B2B1B1B2B3A1	JUNCTION	0.03	0.24	95.60	0	13:18	0.24
Existing-Node-C1B2B1B1B2B3A2	JUNCTION	0.01	0.08	95.61	0	12:07	0.08
Existing-Node-C1B2B1B1B2B3A3	JUNCTION	0.01	0.09	95.63	0	12:01	0.09
Existing-Node-C1B2B1B1B2B3B1	JUNCTION	0.03	0.29	95.59	0	13:18	0.29
J1	JUNCTION	0.04	0.32	95.92	0	13:19	0.32
J10	JUNCTION	0.01	0.24	96.23	0	12:00	0.24
J11	JUNCTION	0.01	0.24	96.50	0	12:00	0.24
J12	JUNCTION	0.01	0.22	96.70	0	12:00	0.22
J13	JUNCTION	0.00	0.09	97.78	0	12:00	0.09
J14	JUNCTION	0.00	0.13	97.59	0	12:00	0.13
J15	JUNCTION	0.01	0.17	97.32	0	12:00	0.17
J16	JUNCTION	0.01	0.20	96.99	0	12:00	0.20
J2	JUNCTION	0.01	0.07	95.61	0	13:01	0.07
J3	JUNCTION	0.01	0.08	97.48	0	12:00	0.08
J4	JUNCTION	0.03	0.25	95.61	0	12:00	0.24
J5	JUNCTION	0.06	0.19	95.27	0	12:09	0.19
J6	JUNCTION	0.08	0.27	95.20	0	13:21	0.27
J7	JUNCTION	0.00	0.00	97.83	0	00:00	0.00
J8	JUNCTION	0.00	0.09	95.85	0	12:00	0.09
J9	JUNCTION	0.01	0.26	96.12	0	12:00	0.26
Proposed1003Link	JUNCTION	0.08	0.26	95.38	0	12:08	0.26
Proposed1004Link	JUNCTION	0.06	0.28	95.44	0	12:07	0.28
Proposed1005Link	JUNCTION	0.07	0.32	95.58	0	12:03	0.32
Proposed1006Link	JUNCTION	0.07	0.29	95.60	0	12:01	0.29
Proposed1007Link	JUNCTION	0.06	0.25	95.62	0	16:10	0.25
Proposed1008Link	JUNCTION	0.04	0.18	95.62	0	16:08	0.18

Proposed1009Link	JUNCTION	0.05	0.28	95.73	0	13:05	0.28
Proposed1010Link	JUNCTION	0.04	0.25	95.73	0	13:04	0.25
Proposed1011Link	JUNCTION	0.02	0.38	95.95	0	12:00	0.38
Proposed1101Link	JUNCTION	0.25	0.83	96.60	0	14:04	0.83
Proposed1102Link	JUNCTION	0.20	0.78	96.60	0	14:04	0.78
Proposed1103Link	JUNCTION	0.13	0.63	96.60	0	14:07	0.63
Proposed1104Link	JUNCTION	0.09	0.52	96.60	0	14:01	0.52
Proposed610Link	JUNCTION	0.08	0.22	95.34	0	12:09	0.22
Proposed611Link	JUNCTION	0.51	1.18	96.58	0	14:06	1.18
Proposed613Link	JUNCTION	0.21	0.80	96.60	0	14:04	0.79
Proposed614Link	JUNCTION	0.18	0.72	96.60	0	14:04	0.72
Proposed615Link	JUNCTION	0.13	0.62	96.60	0	14:07	0.62
Proposed616Link	JUNCTION	0.10	0.52	96.60	0	14:07	0.52
Outfall_A	OUTFALL	0.01	0.13	93.78	0	12:09	0.13
Outfall_B	OUTFALL	0.04	0.44	94.25	0	12:15	0.44
Outfall_C	OUTFALL	0.07	0.21	93.87	0	12:11	0.21
Bassin	STORAGE	1.51	2.20	96.60	0	14:06	2.20

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Node Inflow Summary
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Node	Type	Maximum Lateral Inflow CMS	Maximum Total Inflow CMS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Flow Inflow Volume 10^6 ltr	Flow Balance Error Percent
Existing-Node-A1	JUNCTION	0.358	0.663	0 12:00	1.31	9.98	0.528
Existing-Node-A2	JUNCTION	0.127	0.472	0 12:32	0.413	8.67	0.008
Existing-Node-A2A1	JUNCTION	0.195	0.315	0 12:00	0.692	1.32	0.849
Existing-Node-A2A2	JUNCTION	0.170	0.170	0 12:00	0.62	0.62	-2.011
Existing-Node-A2B1	JUNCTION	0.112	0.411	0 12:37	0.515	6.94	0.005
Existing-Node-A2B2	JUNCTION	0.107	0.718	0 12:25	0.347	6.43	0.092
Existing-Node-A2B3	JUNCTION	0.252	0.651	0 12:04	0.758	6.09	0.093
Existing-Node-A2B4	JUNCTION	0.122	0.503	0 12:28	0.5	5.32	-0.206
Existing-Node-A2B5	JUNCTION	0.074	0.463	0 12:25	0.289	4.82	-0.044
Existing-Node-A2B5A1	JUNCTION	0.213	0.213	0 12:00	1.17	1.17	-0.005
Existing-Node-A2B5B1	JUNCTION	0.163	0.331	0 12:25	0.621	3.37	0.047
Existing-Node-A2B5B2	JUNCTION	0.258	0.441	0 12:00	1.15	2.79	1.813

Existing-Node-A2B5B3	JUNCTION	0.294	0.294	0	12:00	1.59	1.59
-2.972							
Existing-Node-B1	JUNCTION	0.100	2.444	0	12:15	0.264	19.3
0.002							
Existing-Node-B3	JUNCTION	0.442	2.288	0	12:05	1.57	19
0.002							
Existing-Node-B4	JUNCTION	0.097	2.319	0	12:12	0.231	17.5
0.066							
Existing-Node-B4A1	JUNCTION	0.400	1.458	0	12:06	1.11	7.38
0.038							
Existing-Node-B4A1A1	JUNCTION	0.000	3.204	0	12:10	0	5.03
0.059							
Existing-Node-B4A1A2	JUNCTION	0.404	2.445	0	12:09	1.47	5.05
0.347							
Existing-Node-B4A1A3	JUNCTION	0.076	0.773	0	12:00	0.27	3.02
-0.610							
Existing-Node-B4A1A4	JUNCTION	0.057	0.711	0	12:00	0.253	2.75
-0.053							
Existing-Node-B4A1A5	JUNCTION	0.183	0.279	0	12:00	0.673	0.885
223.859							
Existing-Node-B4A1B1	JUNCTION	0.151	0.399	0	12:00	0.713	1.78
-0.240							
Existing-Node-B4A1B2	JUNCTION	0.089	0.279	0	12:00	0.274	1.07
0.018							
Existing-Node-B4A1B3	JUNCTION	0.196	0.196	0	12:00	0.793	0.793
-0.025							
Existing-Node-B4B1	JUNCTION	0.169	1.097	0	12:04	0.628	9.85
-0.079							
Existing-Node-B4B2	JUNCTION	0.089	0.979	0	12:04	0.294	9.23
0.002							
Existing-Node-B4B3	JUNCTION	0.092	0.920	0	12:04	0.322	8.93
-0.000							
Existing-Node-B4B4	JUNCTION	0.188	0.858	0	12:04	0.681	8.61
-0.001							
Existing-Node-B4B5	JUNCTION	0.145	0.735	0	12:04	0.613	7.93
0.002							
Existing-Node-B4B6	JUNCTION	0.098	0.641	0	12:02	0.339	7.32
0.006							
Existing-Node-B4B6A1	JUNCTION	0.183	0.480	0	12:00	0.804	6.22
0.004							
Existing-Node-B4B6A2	JUNCTION	0.162	0.327	0	12:00	0.578	5.41
-0.026							
Existing-Node-B4B6A3	JUNCTION	0.370	0.552	0	12:00	1.3	4.58
1.014							
Existing-Node-B4B6A4	JUNCTION	0.315	0.645	0	12:00	1.39	3.3
0.521							
Existing-Node-B4B6A5	JUNCTION	0.276	0.452	0	12:00	1.09	1.84
-3.312							
Existing-Node-B4B6A6	JUNCTION	0.194	0.194	0	12:00	0.749	0.749
-0.018							
Existing-Node-B4B6B1	JUNCTION	0.163	0.163	0	12:00	0.76	0.76
-0.078							
Existing-Node-C1	JUNCTION	0.131	0.572	0	12:00	0.38	26.6
0.001							
Existing-Node-C1A1	JUNCTION	0.056	0.219	0	12:00	0.225	0.964
-0.306							
Existing-Node-C1A2	JUNCTION	0.156	0.156	0	12:00	0.739	0.739
0.027							
Existing-Node-C1B1	JUNCTION	0.290	0.450	0	12:00	1.39	25.3
-0.029							

```
  Existing-Node-C1B2   JUNCTION     0.102    0.370     0  15:40       0.257
23.9       0.084
  Existing-Node-C1B2A1 JUNCTION     0.281    0.705     0  12:05           1
14.5       0.981
  Existing-Node-C1B2A2 JUNCTION     0.365    0.642     0  12:00        1.81
13.3      -0.900
  Existing-Node-C1B2A2A1 JUNCTION     0.068    0.274     0  12:00       0.245
1.5      -0.068
  Existing-Node-C1B2A2A2 JUNCTION     0.100    0.242     0  12:00        0.58
1.25       0.220
  Existing-Node-C1B2A2A3 JUNCTION     0.066    0.184     0  12:00        0.26
0.672      -0.003
  Existing-Node-C1B2A2A4 JUNCTION     0.125    0.125     0  12:00       0.412
0.412      -0.024
  Existing-Node-C1B2A2B1 JUNCTION     0.295    0.448     0  12:08        1.47
10.1       1.034
  Existing-Node-C1B2A2B1A1 JUNCTION     0.216    0.216     0  12:00       0.809
0.809      -5.423
  Existing-Node-C1B2A2B1B1 JUNCTION     0.000    0.136     0  12:10           0
7.82       0.034
  Existing-Node-C1B2B1 JUNCTION     0.136    0.774     0  12:04       0.347
10.3       0.302
  Existing-Node-C1B2B1A1 JUNCTION     0.000    0.600     0  12:15           0
2.61      14.989
  Existing-Node-C1B2B1A2 JUNCTION     0.359    0.397     0  12:00        1.27
1.44     -15.025
  Existing-Node-C1B2B1A3 JUNCTION     0.054    0.054     0  12:00        0.16
0.16      -2.107
  Existing-Node-C1B2B1B1 JUNCTION     0.179    0.758     0  12:00       0.566
7.68       0.344
  Existing-Node-C1B2B1B1A1 JUNCTION     0.241    0.241     0  12:00       0.998
0.998      -0.904
  Existing-Node-C1B2B1B1B1 JUNCTION     0.247    0.481     0  12:00       0.904
6.04      -1.017
  Existing-Node-C1B2B1B1B2 JUNCTION     0.137    0.320     0  12:00       0.434
5.15       0.118
  Existing-Node-C1B2B1B1B2A1 JUNCTION     0.169    0.169     0  12:00       0.587
0.587      -0.768
  Existing-Node-C1B2B1B1B2B1 JUNCTION     0.124    0.218     0  12:00       0.386
4.12       0.008
  Existing-Node-C1B2B1B1B2B2 JUNCTION     0.073    0.264     0  12:00       0.223
3.73       0.003
  Existing-Node-C1B2B1B1B2B3 JUNCTION     0.021    0.198     0  12:00       0.048
3.51      -0.000
  Existing-Node-C1B2B1B1B2B3A1 JUNCTION     0.270    0.516     0  12:00        1.14
3.06       3.452
  Existing-Node-C1B2B1B1B2B3A2 JUNCTION     0.176    0.411     0  12:00       0.804
1.83      -4.946
  Existing-Node-C1B2B1B1B2B3A3 JUNCTION     0.291    0.291     0  12:00        1.02
1.02      -0.694
  Existing-Node-C1B2B1B1B2B3B1 JUNCTION     0.147    0.147     0  12:00       0.503
0.503      -0.016
  J1                   JUNCTION     0.000    0.302     0  12:00           0
4.53       0.021
  J10                  JUNCTION     0.000    0.484     0  12:00           0
1.44       0.008
  J11                  JUNCTION     0.065    0.486     0  12:00        0.19
1.44      -0.005
  J12                  JUNCTION     0.072    0.424     0  12:00       0.208
1.25       0.002
```

J13	JUNCTION	0.089	0.089	0	12:00	0.259	0.259
-0.014							
J14	JUNCTION	0.080	0.169	0	12:00	0.233	0.493
-0.007							
J15	JUNCTION	0.098	0.266	0	12:00	0.285	0.778
-0.002							
J16	JUNCTION	0.092	0.356	0	12:00	0.266	1.04
0.003							
J2	JUNCTION	0.102	0.215	0	12:59	0.303	4.84
0.023							
J3	JUNCTION	0.197	0.197	0	12:00	0.733	1.01
-0.279							
J4	JUNCTION	0.000	0.659	0	12:00	0	2.49
0.005							
J5	JUNCTION	0.000	0.135	0	12:09	0	7.82
0.020							
J6	JUNCTION	0.000	0.128	0	12:12	0	7.82
0.103							
J7	JUNCTION	0.000	0.000	0	00:00	0	0
0.000 ltr							
J8	JUNCTION	0.000	0.563	0	12:00	0	1.69
-0.000							
J9	JUNCTION	0.087	0.565	0	12:00	0.252	1.69
-0.002							
Proposed1003Link	JUNCTION	0.000	0.106	0	12:06	0	3.57
0.012							
Proposed1004Link	JUNCTION	0.015	0.112	0	12:03	0.06	3.57
0.014							
Proposed1005Link	JUNCTION	0.065	0.122	0	12:00	0.294	3.51
-0.015							
Proposed1006Link	JUNCTION	0.122	0.122	0	12:00	0.514	3.29
-0.019							
Proposed1007Link	JUNCTION	0.166	0.211	0	12:00	0.722	2.83
0.083							
Proposed1008Link	JUNCTION	0.000	0.093	0	12:01	0	2.03
-0.072							
Proposed1009Link	JUNCTION	0.014	0.306	0	12:00	0.0368	1.98
0.054							
Proposed1010Link	JUNCTION	0.206	0.524	0	12:00	0.634	1.95
0.021							
Proposed1011Link	JUNCTION	0.324	0.324	0	12:00	1.31	1.31
-0.076							
Proposed1101Link	JUNCTION	0.000	0.471	0	11:57	0	2.25
0.036							
Proposed1102Link	JUNCTION	0.216	0.505	0	11:57	0.637	2.21
0.002							
Proposed1103Link	JUNCTION	0.240	0.322	0	11:56	0.705	1.37
-0.005							
Proposed1104Link	JUNCTION	0.094	0.094	0	12:00	0.275	0.373
-0.019							
Proposed610Link	JUNCTION	0.000	0.135	0	12:08	0	7.82
0.026							
Proposed611Link	JUNCTION	0.000	0.046	0	14:06	0	4.25
0.003							
Proposed613Link	JUNCTION	0.211	1.227	0	11:56	0.62	4.5
0.055							
Proposed614Link	JUNCTION	0.211	0.593	0	11:55	0.612	1.81
0.013							
Proposed615Link	JUNCTION	0.281	0.403	0	11:58	0.808	1.2
-0.030							

```
  Proposed616Link      JUNCTION     0.134    0.134     0  12:00       0.394
0.394      -0.037
  Outfall_A            OUTFALL      0.082    0.645     0  12:04       0.202
10.1       0.000
  Outfall_B            OUTFALL      0.221    2.395     0  12:15       0.856
20.1       0.000
  Outfall_C            OUTFALL      0.122    0.581     0  12:04       0.363
27         0.000
  Bassin               STORAGE      0.124    1.328     0  11:56       0.364
5.98       -0.044


  **********************
  Node Surcharge Summary
  **********************

  Surcharging occurs when water rises above the top of the highest conduit.
  -------------------------------------------------------------------------
                                           Max. Height   Min. Depth
                                 Hours      Above Crown    Below Rim
  Node                 Type    Surcharged       Meters       Meters
  -------------------------------------------------------------------------
  Existing-Node-C1B2B1B1B2B2 JUNCTION       1.69          0.011        0.424
  Proposed611Link      JUNCTION       4.14          0.031        0.419


  **********************
  Node Flooding Summary
  **********************

  No nodes were flooded.


  **********************
  Storage Volume Summary
  **********************

  ------------------------------------------------------------------------------
---------------
                         Average    Avg   Evap  Exfil     Maximum    Max    Time of
Max    Maximum
                          Volume    Pcnt   Pcnt   Pcnt      Volume   Pcnt
Occurrence    Outflow
  Storage Unit           1000 m³   Full   Loss   Loss     1000 m³   Full    days
hr:min        CMS
  ------------------------------------------------------------------------------
---------------
  Bassin                   2.521   50.4    0.0    0.0       4.155   83.0       0
14:06      0.070


  ************************
  Outfall Loading Summary
  ************************

  ---------------------------------------------------------
                         Flow       Avg       Max       Total
                         Freq      Flow      Flow      Volume
```

Outfall Node	Pcnt	CMS	CMS	10^6 ltr
Outfall_A	64.46	0.053	0.645	10.131
Outfall_B	99.95	0.069	2.395	20.149
Outfall_C	98.90	0.091	0.581	26.982
System	87.77	0.213	3.588	57.262

****
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
100mm_2	CONDUIT	0.017	0 14:06	2.15	3.82	1.00
150mm_3	CONDUIT	0.019	0 14:06	1.11	1.44	0.92
75mm_1	CONDUIT	0.010	0 14:09	2.34	2.52	1.00
C1_1	CONDUIT	0.000	0 00:00	0.00	0.00	0.05
C1_10	CONDUIT	0.353	0 12:00	1.17	0.04	0.21
C1_2	CONDUIT	0.563	0 12:00	2.42	0.06	0.17
C1_3	CONDUIT	0.089	0 12:00	0.64	0.01	0.11
C1_4	CONDUIT	0.484	0 12:01	1.31	0.05	0.25
C1_5	CONDUIT	0.484	0 12:00	1.36	0.05	0.24
C1_6	CONDUIT	0.422	0 12:00	1.25	0.05	0.23
C1_7	CONDUIT	0.168	0 12:00	0.85	0.02	0.15
C1_8	CONDUIT	0.264	0 12:00	1.04	0.03	0.19
C2	CONDUIT	0.563	0 12:00	2.54	0.01	0.17
Channel1A1	CHANNEL	0.611	0 12:09	0.59	0.00	0.18
Channel1A2	CHANNEL	0.470	0 12:33	0.27	0.00	0.24
Channel1A2A1	CHANNEL	0.168	0 12:18	0.86	0.00	0.15
Channel1A2A2	CHANNEL	0.130	0 12:03	0.11	0.02	0.41
Channel1A2B1	CONDUIT	0.331	0 13:14	0.71	0.16	0.33
Channel1A2B2	CHANNEL	0.378	0 12:49	0.18	0.00	0.45
Channel1A2B3	CHANNEL	0.690	0 12:31	0.21	0.01	0.46
Channel1A2B4	CHANNEL	0.502	0 12:30	0.89	0.00	0.28
Channel1A2B5	CHANNEL	0.457	0 12:30	0.36	0.03	0.40
Channel1A2B5A1	CONDUIT	0.211	0 12:00	0.59	0.70	0.39
Channel1A2B5B1	CHANNEL	0.326	0 12:29	0.25	0.24	0.64
Channel1A2B5B2	CHANNEL	0.271	0 12:26	2.52	0.05	0.41
Channel1A2B5B3	CHANNEL	0.213	0 12:07	0.10	0.04	0.60
Channel1B1	CHANNEL	2.293	0 12:15	1.78	0.00	0.26
Channel1B2212_1	CHANNEL	0.096	0 12:00	0.09	0.00	0.32
Channel1B2212_3	CONDUIT	0.096	0 12:00	1.58	0.04	0.27
Channel1B2212_4	CHANNEL	0.659	0 12:00	1.99	0.00	0.10
Channel1B3	CHANNEL	2.416	0 12:15	1.71	0.00	0.25
Channel1B4	CHANNEL	2.080	0 12:14	0.83	0.00	0.26
Channel1B4A1	CHANNEL	1.295	0 12:12	0.43	0.00	0.25
Channel1B4A1A1	CONDUIT	0.995	0 12:11	1.33	0.11	0.35
Channel1B4A1A2	CHANNEL	3.204	0 12:10	0.60	0.01	0.25
Channel1B4A1A3	CHANNEL	0.750	0 12:02	0.43	0.00	0.19
Channel1B4A1A4	CHANNEL	0.708	0 12:01	0.69	0.00	0.06
Channel1B4A1B1	CHANNEL	0.388	0 12:01	0.61	0.00	0.24
Channel1B4A1B2	CHANNEL	0.260	0 12:01	1.04	0.00	0.17

ChannelB4A1B3	CHANNEL	0.191	0	12:00	0.19	0.00	0.17
ChannelB4B1	CHANNEL	1.091	0	12:05	0.37	0.00	0.30
ChannelB4B2	CHANNEL	0.979	0	12:05	1.11	0.00	0.15
ChannelB4B3	CHANNEL	0.920	0	12:05	0.47	0.01	0.15
ChannelB4B4	CHANNEL	0.856	0	12:05	0.79	0.01	0.16
ChannelB4B5	CHANNEL	0.731	0	12:05	0.66	0.01	0.18
ChannelB4B6	CHANNEL	0.627	0	12:04	0.32	0.01	0.22
ChannelB4B6A1	CHANNEL	0.436	0	12:04	0.80	0.02	0.34
ChannelB4B6A2	CHANNEL	0.307	0	12:01	0.35	0.00	0.28
ChannelB4B6A3_1	CHANNEL	0.302	0	12:00	0.10	0.03	1.00
ChannelB4B6A3_3	CONDUIT	0.204	0	13:19	3.03	1.20	0.44
ChannelB4B6A3_4	CHANNEL	0.188	0	13:00	0.62	0.02	0.29
ChannelB4B6A4	CHANNEL	0.388	0	12:21	0.30	0.04	0.76
ChannelB4B6A5	CHANNEL	0.364	0	12:03	0.20	0.07	0.61
ChannelB4B6A6	CONDUIT	0.179	0	12:00	0.57	0.49	0.55
ChannelB4B6B1	CHANNEL	0.152	0	12:00	0.32	0.01	0.24
Proposed1003LinkChannel	CONDUIT	0.105	0	12:07	0.44	0.57	0.49
Proposed1004LinkChannel	CONDUIT	0.106	0	12:06	0.37	0.32	0.54
Proposed1005LinkChannel	CONDUIT	0.100	0	12:03	0.31	0.40	0.60
Proposed1006LinkChannel	CONDUIT	0.057	0	12:00	0.22	0.23	0.61
Proposed1007LinkChannel	CONDUIT	0.051	0	16:34	0.26	0.22	0.50
Proposed1008LinkChannel	CHANNEL	0.059	0	11:57	0.06	0.00	0.38
Proposed1009LinkChannel	CONDUIT	0.082	0	12:49	1.76	2.91	0.73
Proposed1010LinkChannel	CHANNEL	0.293	0	12:00	0.20	0.01	0.46
Proposed1011LinkChannel	CONDUIT	0.320	0	12:00	0.80	0.53	0.52
Proposed1101LinkChannel	CONDUIT	0.463	0	11:52	0.45	0.04	0.81
Proposed1102LinkChannel	CONDUIT	0.471	0	11:57	0.47	0.03	0.80
Proposed1103LinkChannel	CONDUIT	0.294	0	11:53	0.61	0.03	0.70
Proposed1104LinkChannel	CONDUIT	0.094	0	11:53	0.51	0.01	0.57
Proposed1201LinkChannel	CHANNEL	0.699	0	12:04	0.11	0.05	0.96
Proposed1202LinkChannel	CHANNEL	0.443	0	12:06	0.26	0.02	0.44
Proposed1203LinkChannel	CHANNEL	0.288	0	12:05	0.49	0.02	0.24
Proposed1204LinkChannel	CONDUIT	0.143	0	13:20	0.52	0.22	0.28
Proposed1205LinkChannel	CHANNEL	0.150	0	12:52	0.09	0.01	1.00
Proposed1206LinkChannel	CONDUIT	0.194	0	12:00	0.44	1.33	1.00
Proposed1207LinkChannel	CONDUIT	0.131	0	12:39	0.35	0.28	0.68
Proposed1208LinkChannel	CHANNEL	0.319	0	12:07	0.15	0.03	0.65
Proposed1209LinkChannel	CHANNEL	0.244	0	12:01	0.19	0.03	0.26
Proposed1301LinkChannel	CHANNEL	0.225	0	12:00	0.21	0.03	0.89
Proposed1401LinkChannel	CHANNEL	0.145	0	12:02	0.37	0.00	0.18
Proposed1501LinkChannel	CONDUIT	0.146	0	12:00	0.43	0.68	0.74
Proposed502LinkChannel	CHANNEL	0.517	0	12:11	1.14	0.01	0.30
Proposed503LinkChannel	CHANNEL	0.205	0	12:00	0.42	0.01	0.36
Proposed504LinkChannel	CHANNEL	0.164	0	12:00	1.19	0.01	0.21
Proposed601LinkChannel	CHANNEL	0.391	0	15:34	0.79	0.03	0.49
Proposed602LinkChannel	CHANNEL	0.370	0	15:42	0.64	0.00	0.26
Proposed603LinkChannel	CONDUIT	0.244	0	15:01	0.73	0.29	0.43
Proposed604LinkChannel	CHANNEL	0.542	0	12:11	0.17	0.01	0.42
Proposed605LinkChannel	CONDUIT	0.202	0	13:29	0.58	0.16	0.34
Proposed606LinkChannel_1	CONDUIT	0.128	0	12:12	0.17	0.19	0.54
Proposed606LinkChannel_2	CONDUIT	0.112	0	14:08	0.12	0.16	0.58
Proposed609LinkChannel_1	CONDUIT	0.135	0	12:09	0.27	0.79	0.68
Proposed609LinkChannel_2	CONDUIT	0.136	0	12:10	0.32	0.43	0.73
Proposed612Channel	CONDUIT	0.046	0	14:06	0.65	0.15	1.00
Proposed613LinkChannel	CONDUIT	1.204	0	11:56	1.60	0.11	0.66
Proposed614LinkChannel	CONDUIT	0.575	0	11:55	0.60	0.08	0.63
Proposed615LinkChannel	CONDUIT	0.387	0	11:55	0.48	0.09	0.64

Proposed616LinkChannel	CONDUIT	0.126	0	11:56	0.20	0.03	0.57
Proposed701LinkChannel	CONDUIT	0.131	0	18:06	0.41	0.51	0.55
Proposed702LinkChannel	CHANNEL	0.368	0	12:15	0.66	0.06	0.81
Proposed703LinkChannel	CHANNEL	0.269	0	12:05	0.21	0.02	0.68
Proposed704LinkChannel	CHANNEL	0.041	0	12:02	0.09	0.00	0.10
Proposed801LinkChannel	CONDUIT	0.265	0	12:04	0.48	0.62	0.56
Proposed802LinkChannel	CONDUIT	0.216	0	12:03	0.37	0.15	0.51
Proposed803LinkChannel	CONDUIT	0.149	0	12:00	0.16	0.28	0.71
Proposed804LinkChannel	CONDUIT	0.118	0	12:00	0.25	0.27	0.65
Proposed901LinkChannel	CHANNEL	0.147	0	12:05	0.11	0.06	0.69

****
Flow Classification Summary
****

Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
100mm_2	1.00	0.49	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00
150mm_3	1.00	0.84	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00
75mm_1	1.00	0.01	0.00	0.00	0.13	0.00	0.00	0.87	0.00	0.00
C1_1	1.00	0.21	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1_10	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C1_2	1.00	0.00	0.00	0.00	0.71	0.29	0.00	0.00	0.00	0.00
C1_3	1.00	0.03	0.18	0.00	0.77	0.01	0.00	0.00	0.81	0.00
C1_4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C1_5	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.76	0.00
C1_6	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C1_7	1.00	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.94	0.00
C1_8	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.99	0.00
C2	1.00	0.00	0.13	0.00	0.85	0.02	0.00	0.00	1.00	0.00
ChannelA1	1.00	0.00	0.09	0.00	0.91	0.00	0.00	0.00	0.00	0.00
ChannelA2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
ChannelA2A1	1.00	0.00	0.00	0.00	0.91	0.09	0.00	0.00	0.99	0.00
ChannelA2A2	1.00	0.00	0.24	0.00	0.76	0.00	0.00	0.00	1.00	0.00

ChannelA2B1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.67
0.00									
ChannelA2B2	1.00	0.00	0.00	0.00	0.40	0.60	0.00	0.00	0.12
0.00									
ChannelA2B3	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.89
0.00									
ChannelA2B4	1.00	0.00	0.00	0.00	0.29	0.71	0.00	0.00	0.09
0.00									
ChannelA2B5	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
0.00									
ChannelA2B5A1	1.00	0.00	0.55	0.00	0.45	0.00	0.00	0.00	0.67
0.00									
ChannelA2B5B1	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.17
0.00									
ChannelA2B5B2	1.00	0.00	0.00	0.00	0.68	0.32	0.00	0.00	0.52
0.00									
ChannelA2B5B3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96
0.00									
ChannelB1	1.00	0.00	0.00	0.00	0.33	0.67	0.00	0.00	0.08
0.00									
ChannelB2212_1	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.17
0.00									
ChannelB2212_3	1.00	0.00	0.00	0.00	0.71	0.29	0.00	0.00	1.00
0.00									
ChannelB2212_4	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00
0.00									
ChannelB3	1.00	0.00	0.00	0.00	0.52	0.48	0.00	0.00	0.00
0.00									
ChannelB4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.83
0.00									
ChannelB4A1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.89
0.00									
ChannelB4A1A1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.64
0.00									
ChannelB4A1A2	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.97
0.00									
ChannelB4A1A3	1.00	0.00	0.00	0.00	0.32	0.68	0.00	0.00	0.31
0.00									
ChannelB4A1A4	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.65
0.00									
ChannelB4A1B1	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.98
0.00									
ChannelB4A1B2	1.00	0.00	0.00	0.00	0.63	0.37	0.00	0.00	0.02
0.00									
ChannelB4A1B3	1.00	0.00	0.63	0.00	0.37	0.01	0.00	0.00	0.99
0.00									
ChannelB4B1	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.98
0.00									
ChannelB4B2	1.00	0.00	0.00	0.00	0.13	0.87	0.00	0.00	0.03
0.00									
ChannelB4B3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95
0.00									
ChannelB4B4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
0.00									
ChannelB4B5	1.00	0.00	0.00	0.00	0.60	0.40	0.00	0.00	0.00
0.00									
ChannelB4B6	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97
0.00									
ChannelB4B6A1	1.00	0.00	0.00	0.00	0.39	0.61	0.00	0.00	0.00
0.00									

ChannelB4B6A2	1.00	0.00	0.00	0.00	0.71	0.29	0.00	0.00	1.00	0.00
ChannelB4B6A3_1	1.00	0.00	0.00	0.00	0.67	0.33	0.00	0.00	0.38	0.00
ChannelB4B6A3_3	1.00	0.00	0.00	0.00	0.68	0.32	0.00	0.00	0.49	0.00
ChannelB4B6A3_4	1.00	0.00	0.00	0.00	0.84	0.16	0.00	0.00	0.43	0.00
ChannelB4B6A4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.11	0.00
ChannelB4B6A5	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
ChannelB4B6A6	1.00	0.00	0.51	0.00	0.49	0.00	0.00	0.00	0.69	0.00
ChannelB4B6B1	1.00	0.00	0.46	0.00	0.54	0.00	0.00	0.00	0.97	0.00
Proposed1003LinkChannel	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01	0.00
Proposed1004LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.33	0.00
Proposed1005LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.31	0.00
Proposed1006LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.69	0.00
Proposed1007LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.46	0.00
Proposed1008LinkChannel	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.67	0.00
Proposed1009LinkChannel	1.00	0.00	0.00	0.00	0.89	0.11	0.00	0.00	0.00	0.00
Proposed1010LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.67	0.00
Proposed1011LinkChannel	1.00	0.00	0.58	0.00	0.42	0.00	0.00	0.00	0.76	0.00
Proposed1101LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Proposed1102LinkChannel	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.40	0.00
Proposed1103LinkChannel	1.00	0.01	0.05	0.00	0.95	0.00	0.00	0.00	0.51	0.00
Proposed1104LinkChannel	1.00	0.04	0.22	0.00	0.74	0.00	0.00	0.00	0.54	0.00
Proposed1201LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.69	0.00
Proposed1202LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.51	0.00
Proposed1203LinkChannel	1.00	0.00	0.00	0.00	0.42	0.58	0.00	0.00	0.04	0.00
Proposed1204LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.64	0.00
Proposed1205LinkChannel	1.00	0.00	0.00	0.00	0.80	0.20	0.00	0.00	0.11	0.00
Proposed1206LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.69	0.00
Proposed1207LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.81	0.00
Proposed1208LinkChannel	1.00	0.00	0.00	0.00	0.44	0.56	0.00	0.00	0.29	0.00
Proposed1209LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.71	0.00

Proposed1301LinkChannel	1.00	0.00	0.44	0.00	0.56	0.00	0.00	0.00	0.67
0.00									
Proposed1401LinkChannel	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.96
0.00									
Proposed1501LinkChannel	1.00	0.00	0.59	0.00	0.41	0.00	0.00	0.00	0.75
0.00									
Proposed502LinkChannel	1.00	0.00	0.00	0.00	0.83	0.17	0.00	0.00	0.12
0.00									
Proposed503LinkChannel	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.99
0.00									
Proposed504LinkChannel	1.00	0.00	0.00	0.00	0.80	0.20	0.00	0.00	0.67
0.00									
Proposed601LinkChannel	1.00	0.00	0.00	0.00	0.92	0.08	0.00	0.00	0.98
0.00									
Proposed602LinkChannel	1.00	0.00	0.00	0.00	0.92	0.08	0.00	0.00	0.40
0.00									
Proposed603LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.30
0.00									
Proposed604LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.79
0.00									
Proposed605LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04
0.00									
Proposed606LinkChannel_1	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00
0.00									
Proposed606LinkChannel_2	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.46
0.00									
Proposed609LinkChannel_1	1.00	0.01	0.00	0.00	0.97	0.00	0.00	0.02	0.00
0.00									
Proposed609LinkChannel_2	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.92
0.00									
Proposed612Channel	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00
0.00									
Proposed613LinkChannel	1.00	0.14	0.00	0.00	0.56	0.00	0.00	0.30	0.06
0.00									
Proposed614LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.29
0.00									
Proposed615LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.63
0.00									
Proposed616LinkChannel	1.00	0.00	0.09	0.00	0.91	0.00	0.00	0.00	0.68
0.00									
Proposed701LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.57
0.00									
Proposed702LinkChannel	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.03
0.00									
Proposed703LinkChannel	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.97
0.00									
Proposed704LinkChannel	1.00	0.00	0.30	0.00	0.70	0.00	0.00	0.00	1.00
0.00									
Proposed801LinkChannel	1.00	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.88
0.00									
Proposed802LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04
0.00									
Proposed803LinkChannel	1.00	0.00	0.36	0.00	0.64	0.00	0.00	0.00	0.84
0.00									
Proposed804LinkChannel	1.00	0.36	0.26	0.00	0.38	0.00	0.00	0.00	0.49
0.00									
Proposed901LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97
0.00									

****
Conduit Surcharge Summary
****

Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
100mm_2	23.62	34.88	23.62	36.08	23.62
150mm_3	0.01	4.14	0.01	6.31	0.01
75mm_1	64.45	79.64	64.45	80.18	64.45
ChannelB4B6A3_1	3.24	3.24	6.20	0.01	0.01
ChannelB4B6A3_3	0.01	0.01	0.01	1.51	0.01
Proposed1009LinkChannel	0.01	0.01	0.01	6.73	0.01
Proposed1201LinkChannel	0.01	0.01	21.35	0.01	0.01
Proposed1205LinkChannel	1.69	1.69	3.68	0.01	0.01
Proposed1206LinkChannel	5.32	5.36	5.92	0.92	0.57
Proposed1208LinkChannel	0.01	0.01	1.09	0.01	0.01
Proposed612Channel	52.64	52.64	83.34	0.01	0.01
Proposed703LinkChannel	0.01	0.01	17.27	0.01	0.01
Proposed901LinkChannel	0.01	0.01	15.70	0.01	0.01

Analysis begun on: Fri May 9 06:57:25 2025
Analysis ended on: Fri May 9 06:57:54 2025
Total elapsed time: 00:00:29

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

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.2 (Build 5.2.4)

****
Element Count
****
Number of rain gages 13
Number of subcatchments ... 135
Number of nodes 107
Number of links 106
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
12h-100y_93.8mm	12h-100y_93.8mm	INTENSITY	6 min.
12h-10y_65.3mm	12h-10y_65.3mm	INTENSITY	6 min.
12h-25y_76.9mm	12h-25y_76.9mm	INTENSITY	6 min.
12h-2y_42.3mm	12h-2y_42.3mm	INTENSITY	6 min.
12h-50y_85.4mm	12h-50y_85.4mm	INTENSITY	6 min.
12h-5y_56.2mm	12h-5y_56.2mm	INTENSITY	6 min.
24h-100y_115.6mm	24h-100y_115.6mm	INTENSITY	15 min.
24h-10y_80.4mm	24h-10y_80.4mm	INTENSITY	15 min.
24h-25y_94.7mm	24h-25y_94.7mm	INTENSITY	15 min.
24-h-2-y_52.1mm	24-h-2-y_52.1mm	INTENSITY	15 min.
24-h-50-y_105.2mm	24-h-50-y_105.2mm	INTENSITY	15 min.
24h-5y_69.2mm	24h-5y_69.2mm	INTENSITY	15 min.
Chicago25mm	Chicago25mm	INTENSITY	10 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
PAD1001Link_1	0.37	22.30	4.00	5.0350	24-h-2-y_52.1mm	PAD605Link
PAD1004Link	0.11	6.53	4.00	6.9790	24-h-2-y_52.1mm	Proposed1004Link
PAD1005Link	0.54	32.06	4.00	4.0560	24-h-2-y_52.1mm	Proposed1005Link
PAD1006Link_1	0.80	58.42	4.00	3.2040	24-h-2-y_52.1mm	Proposed1006Link
PAD1006Link_2	0.13	15.51	4.00	2.6760	24-h-2-y_52.1mm	Proposed1006Link
PAD1007Link_1	0.89	46.07	4.00	4.3740	24-h-2-y_52.1mm	Proposed1007Link
PAD1007Link_2	0.43	45.11	4.00	2.8600	24-h-2-y_52.1mm	Proposed1007Link

PAD1008Link_1	0.33	106.81	4.00	3.2380	24-h-2-y_52.1mm J2
PAD1009Link_2	0.07	14.89	4.00	5.7640	24-h-2-y_52.1mm Proposed1009Link
PAD1010Link	0.49	57.77	4.00	4.4720	24-h-2-y_52.1mm Proposed1010Link
PAD1011Link_1	1.02	84.88	4.00	3.5400	24-h-2-y_52.1mm Proposed1011Link
PAD1011Link_2	1.37	81.05	4.00	5.7590	24-h-2-y_52.1mm Proposed1011Link
PAD1102Link	0.51	37.05	100.00	3.9070	24-h-2-y_52.1mm Proposed1102Link
PAD1103Link	0.62	44.51	100.00	4.1860	24-h-2-y_52.1mm Proposed1103Link
PAD1104Link	0.24	19.91	100.00	3.7780	24-h-2-y_52.1mm Proposed1104Link
PAD1201Link	1.03	167.22	4.00	2.5400	24-h-2-y_52.1mm Existing-Node-C1B2B1B1
PAD1202Link	1.64	170.02	4.00	3.1070	24-h-2-y_52.1mm Existing-Node-C1B2B1B1B1
PAD1203Link	0.79	96.31	4.00	4.3730	24-h-2-y_52.1mm Existing-Node-C1B2B1B1B2
PAD1204Link	0.70	101.51	4.00	3.4460	24-h-2-y_52.1mm Existing-Node-C1B2B1B1B2B1
PAD1205Link	0.40	62.09	4.00	3.4500	24-h-2-y_52.1mm Existing-Node-C1B2B1B1B2B2
PAD1206Link	0.09	73.63	4.00	3.9250	24-h-2-y_52.1mm Existing-Node-C1B2B1B1B2B3
PAD1207Link_1	1.40	84.31	4.00	3.1130	24-h-2-y_52.1mm Existing-Node-C1B2B1B1B2B3A1
PAD1207Link_2	0.68	83.93	4.00	3.2030	24-h-2-y_52.1mm Existing-Node-C1B2B1B1B2B3A1
PAD1208Link	1.47	96.79	4.00	3.1820	24-h-2-y_52.1mm Existing-Node-C1B2B1B1B2B3A2
PAD1209Link_1	0.76	62.35	4.00	3.7720	24-h-2-y_52.1mm Existing-Node-C1B2B1B1B2B3A3
PAD1209Link_2	1.08	97.71	4.00	7.0430	24-h-2-y_52.1mm Existing-Node-C1B2B1B1B2B3A3
PAD1301Link_1	1.00	84.33	4.00	2.6250	24-h-2-y_52.1mm Existing-Node-C1B2B1B1A1
PAD1301Link_2	0.82	75.47	4.00	2.5730	24-h-2-y_52.1mm Existing-Node-C1B2B1B1A1
PAD1401Link_1	0.51	50.14	4.00	3.3330	24-h-2-y_52.1mm Existing-Node-C1B2B1B1B2A1
PAD1401Link_2	0.51	48.55	4.00	5.6370	24-h-2-y_52.1mm Existing-Node-C1B2B1B1B2A1
PAD1501Link	0.91	93.25	4.00	4.3500	24-h-2-y_52.1mm Existing-Node-C1B2B1B1B2B3B1
PAD501	0.66	97.81	4.00	4.3500	24-h-2-y_52.1mm Outfall_C
PAD502Link	0.69	121.84	4.00	3.5400	24-h-2-y_52.1mm Existing-Node-C1
PAD503Link	0.41	36.87	4.00	2.7490	24-h-2-y_52.1mm Existing-Node-C1A1
PAD504Link	1.35	86.95	4.00	2.9130	24-h-2-y_52.1mm Existing-Node-C1A2
PAD601Link	2.55	146.19	4.00	3.4850	24-h-2-y_52.1mm Existing-Node-C1B1
PAD602Link	0.46	126.46	4.00	4.5690	24-h-2-y_52.1mm Existing-Node-C1B2

PAD603Link_1	1.31	129.15	4.00	3.4550	24-h-2-y_52.1mm
Existing-Node-C1B2A1					
PAD603Link_2	0.51	64.75	4.00	3.0780	24-h-2-y_52.1mm
Existing-Node-C1B2A1					
PAD604Link_1	1.05	185.68	4.00	1.5190	24-h-2-y_52.1mm
Existing-Node-C1B2A2					
PAD604Link_2	2.27	114.70	4.00	1.7330	24-h-2-y_52.1mm
Existing-Node-C1B2A2					
PAD605Link	0.52	58.84	4.00	4.4720	24-h-2-y_52.1mm
Existing-Node-C1B2A2B1					
PAD613Link_1	0.10	507.50	100.00	5.0060	24-h-2-y_52.1mm
Proposed613Link					
PAD613Link_2	0.44	30.63	100.00	4.9770	24-h-2-y_52.1mm
Proposed613Link					
PAD614Link_1	0.38	26.14	100.00	4.5160	24-h-2-y_52.1mm
Proposed614Link					
PAD614Link_2	0.04	181.50	100.00	7.1700	24-h-2-y_52.1mm
Proposed614Link					
PAD614Link_3	0.01	1.46	76.00	4.7010	24-h-2-y_52.1mm
Proposed614Link					
PAD614Link_4	0.11	18.00	76.00	6.7640	24-h-2-y_52.1mm
Proposed614Link					
PAD615Link_1	0.43	29.06	100.00	5.0940	24-h-2-y_52.1mm
Proposed615Link					
PAD615Link_2	0.14	22.79	76.00	7.6190	24-h-2-y_52.1mm
Proposed615Link					
PAD615Link_3	0.17	26.95	76.00	6.9180	24-h-2-y_52.1mm
Proposed615Link					
PAD616Link	0.34	23.68	100.00	5.3350	24-h-2-y_52.1mm
Proposed616Link					
PAD701Link	0.63	200.92	4.00	2.9660	24-h-2-y_52.1mm
Existing-Node-C1B2B1					
PAD702Link	1.28	89.48	4.00	4.8610	24-h-2-y_52.1mm
Existing-Node-C1B2B1A2					
PAD703Link	1.03	109.15	4.00	6.2870	24-h-2-y_52.1mm
Existing-Node-C1B2B1A2					
PAD801Link	0.45	67.09	4.00	1.5720	24-h-2-y_52.1mm
Existing-Node-C1B2A2A1					
PAD802Link	1.07	66.36	4.00	1.5400	24-h-2-y_52.1mm
Existing-Node-C1B2A2A2					
PAD803Link	0.47	58.48	4.00	1.6140	24-h-2-y_52.1mm
Existing-Node-C1B2A2A3					
PAD804Link	0.75	107.71	4.00	2.5730	24-h-2-y_52.1mm
Existing-Node-C1B2A2A4					
PAD901Link_1	1.39	111.97	4.00	1.6140	24-h-2-y_52.1mm
Existing-Node-C1B2A2B1					
PAD901Link_2	0.76	94.39	4.00	2.0450	24-h-2-y_52.1mm
Existing-Node-C1B2A2B1A1					
PAD901Link_3	0.72	76.06	4.00	2.5490	24-h-2-y_52.1mm
Existing-Node-C1B2A2B1A1					
S1	1.22	105.91	4.00	4.3640	24-h-2-y_52.1mm
Existing-Node-B4A1A5					
S3	0.66	99.41	4.00	4.0820	24-h-2-y_52.1mm
Proposed1010Link					
S4	1.99	127.36	4.00	5.8240	24-h-2-y_52.1mm
Existing-Node-B4B6A5					
S40	0.02	189.00	76.00	5.5330	24-h-2-y_52.1mm
S5					
S41	0.02	238.00	76.00	6.0880	24-h-2-y_52.1mm
PAD1401Link_2					

S49_2	0.01	0.91	76.00	5.0340	24-h-2-y_52.1mm
S5					
S5	0.22	26.92	4.00	6.3150	24-h-2-y_52.1mm
Existing-Node-C1B2B1A3					
S6	0.38	78.57	4.00	4.9830	24-h-2-y_52.1mm
PAD1001Link_1					
S7_1	0.05	38.24	100.00	6.5980	24-h-2-y_52.1mm
Proposed1102Link					
S7_10	0.24	24.02	85.00	0.5000	24-h-2-y_52.1mm
J16					
S7_11	0.19	18.79	85.00	0.5000	24-h-2-y_52.1mm
J12					
S7_12	0.17	17.16	85.00	0.5000	24-h-2-y_52.1mm
J11					
S7_2	0.04	43.30	100.00	4.3200	24-h-2-y_52.1mm
Bassin					
S7_3	0.03	34.10	100.00	4.5270	24-h-2-y_52.1mm
Bassin					
S7_5	0.24	195.90	100.00	6.4890	24-h-2-y_52.1mm
Bassin					
S7_6	0.23	23.43	85.00	0.5000	24-h-2-y_52.1mm
J13					
S7_7	0.23	22.77	85.00	0.5000	24-h-2-y_52.1mm
J9					
S7_8	0.21	21.08	85.00	0.5000	24-h-2-y_52.1mm
J14					
S7_9	0.26	25.77	85.00	0.5000	24-h-2-y_52.1mm
J15					
S8	1.08	84.82	4.00	3.5410	24-h-2-y_52.1mm
Existing-Node-B4A1A2					
SubA	0.36	74.65	4.00	11.1390	24-h-2-y_52.1mm
Outfall_A					
SubA1_1	1.60	105.67	4.00	4.2180	24-h-2-y_52.1mm
Existing-Node-A1					
SubA1_2	0.79	129.28	4.00	4.0150	24-h-2-y_52.1mm
Existing-Node-A1					
SubA2	0.75	98.03	4.00	3.3480	24-h-2-y_52.1mm
Existing-Node-A2					
SubA2A1	1.26	154.12	4.00	2.5580	24-h-2-y_52.1mm
Existing-Node-A2A1					
SubA2A2	1.13	146.84	4.00	2.0030	24-h-2-y_52.1mm
Existing-Node-A2A2					
SubA2B1	0.94	77.69	4.00	1.9600	24-h-2-y_52.1mm
Existing-Node-A2B1					
SubA2B2	0.63	85.88	4.00	3.2160	24-h-2-y_52.1mm
Existing-Node-A2B2					
SubA2B3	1.37	256.62	4.00	2.5370	24-h-2-y_52.1mm
Existing-Node-A2B3					
SubA2B4	0.91	104.34	4.00	1.5940	24-h-2-y_52.1mm
Existing-Node-A2B4					
SubA2B5	0.53	63.33	4.00	1.7300	24-h-2-y_52.1mm
Existing-Node-A2B5					
SubA2B5A1_1	1.47	85.80	4.00	1.5410	24-h-2-y_52.1mm
Existing-Node-A2B5A1					
SubA2B5A1_2	0.68	66.41	4.00	1.3710	24-h-2-y_52.1mm
Existing-Node-A2B5A1					
SubA2B5B1	1.13	129.75	4.00	2.1190	24-h-2-y_52.1mm
Existing-Node-A2B5B1					
SubA2B5B2_1	0.87	58.68	4.00	1.5280	24-h-2-y_52.1mm
Existing-Node-A2B5B2					

SubA2B5B2_2	1.23	166.75	4.00	1.3550	24-h-2-y_52.1mm
Existing-Node-A2B5B2					
SubA2B5B3_1	1.52	101.71	4.00	1.7720	24-h-2-y_52.1mm
Existing-Node-A2B5B3					
SubA2B5B3_2	1.41	87.27	4.00	1.8160	24-h-2-y_52.1mm
Existing-Node-A2B5B3					
SubB_1	1.05	48.36	4.00	6.6450	24-h-2-y_52.1mm
Outfall_B					
SubB_2	0.51	64.50	4.00	5.5280	24-h-2-y_52.1mm
Outfall_B					
SubB1	0.48	97.84	4.00	5.4090	24-h-2-y_52.1mm
Existing-Node-B1					
SubB3_1	1.48	216.72	4.00	3.2570	24-h-2-y_52.1mm
Existing-Node-B3					
SubB3_2	1.38	127.97	4.00	2.2930	24-h-2-y_52.1mm
Existing-Node-B3					
SubB4	0.41	139.80	4.00	6.9640	24-h-2-y_52.1mm
Existing-Node-B4					
SubB4A1_1	1.31	196.77	4.00	5.0740	24-h-2-y_52.1mm
Existing-Node-B4A1					
SubB4A1_2	0.70	195.40	4.00	3.3540	24-h-2-y_52.1mm
Existing-Node-B4A1					
SubB4A1A2_1	0.84	78.79	4.00	3.0850	24-h-2-y_52.1mm
Existing-Node-B4A1A2					
SubB4A1A2_3	0.76	138.76	4.00	2.4740	24-h-2-y_52.1mm
Existing-Node-B4A1A2					
SubB4A1A3	0.49	31.40	4.00	9.3970	24-h-2-y_52.1mm
Existing-Node-B4A1A3					
SubB4A1A4_1	0.46	35.73	4.00	2.4970	24-h-2-y_52.1mm
Existing-Node-B4A1A4					
SubB4A1A4_2	1.33	103.06	4.00	5.1990	24-h-2-y_52.1mm
J3					
SubB4A1B1_2	1.30	83.27	4.00	2.9850	24-h-2-y_52.1mm
Existing-Node-B4A1B1					
SubB4A1B2	0.50	63.96	4.00	4.6370	24-h-2-y_52.1mm
Existing-Node-B4A1B2					
SubB4A1B3_1	0.00	0.00	4.00	2.0010	24-h-2-y_52.1mm
Existing-Node-B4A1B3					
SubB4A1B3_2	1.45	119.13	4.00	3.2180	24-h-2-y_52.1mm
Existing-Node-B4A1B3					
SubB4B1	1.14	115.47	4.00	3.0450	24-h-2-y_52.1mm
Existing-Node-B4B1					
SubB4B2	0.53	72.56	4.00	2.8470	24-h-2-y_52.1mm
Existing-Node-B4B2					
SubB4B3	0.59	73.33	4.00	2.6190	24-h-2-y_52.1mm
Existing-Node-B4B3					
SubB4B4_1	0.53	108.73	4.00	2.4480	24-h-2-y_52.1mm
Existing-Node-B4B4					
SubB4B4_2	0.70	67.55	4.00	1.7130	24-h-2-y_52.1mm
Existing-Node-B4B4					
SubB4B5	1.12	104.86	4.00	2.0870	24-h-2-y_52.1mm
Existing-Node-B4B5					
SubB4B6	0.62	84.68	4.00	2.2620	24-h-2-y_52.1mm
Existing-Node-B4B6					
SubB4B6A1	1.47	97.21	4.00	3.6480	24-h-2-y_52.1mm
Existing-Node-B4B6A1					
SubB4B6A2_1	1.00	98.97	4.00	3.7130	24-h-2-y_52.1mm
Existing-Node-B4B6A2					
SubB4B6A2_2	0.05	5.20	4.00	5.5680	24-h-2-y_52.1mm
Existing-Node-B4B6A2					

SubB4B6A3	0.22	14.11	4.00	5.0160	24-h-2-y_52.1mm J2
SubB4B6A3_3	0.37	23.90	4.00	4.1920	24-h-2-y_52.1mm Existing-Node-B4B6A3
SubB4B6A3_4	0.64	37.96	4.00	4.5470	24-h-2-y_52.1mm Existing-Node-B4B6A3
SubB4B6A3_5	1.35	220.65	4.00	2.9940	24-h-2-y_52.1mm Existing-Node-B4B6A3
SubB4B6A4_1	1.39	78.85	4.00	3.3430	24-h-2-y_52.1mm Existing-Node-B4B6A4
SubB4B6A4_2	1.16	94.23	4.00	3.5650	24-h-2-y_52.1mm Existing-Node-B4B6A4
SubB4B6A6	1.36	103.27	4.00	4.5740	24-h-2-y_52.1mm Existing-Node-B4B6A6
SubB4B6B1	1.39	122.94	4.00	1.6140	24-h-2-y_52.1mm Existing-Node-B4B6B1

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Node Summary
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Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
Existing-Node-A1	JUNCTION	93.45	1.53	0.0	
Existing-Node-A2	JUNCTION	93.93	1.10	0.0	
Existing-Node-A2A1	JUNCTION	94.84	0.88	0.0	
Existing-Node-A2A2	JUNCTION	95.03	0.94	0.0	
Existing-Node-A2B1	JUNCTION	94.09	0.98	0.0	
Existing-Node-A2B2	JUNCTION	94.12	0.98	0.0	
Existing-Node-A2B3	JUNCTION	94.27	0.77	0.0	
Existing-Node-A2B4	JUNCTION	94.53	0.71	0.0	
Existing-Node-A2B5	JUNCTION	94.71	1.29	0.0	
Existing-Node-A2B5A1	JUNCTION	94.72	1.28	0.0	
Existing-Node-A2B5B1	JUNCTION	94.82	0.26	0.0	
Existing-Node-A2B5B2	JUNCTION	94.83	0.26	0.0	
Existing-Node-A2B5B3	JUNCTION	94.92	0.18	0.0	
Existing-Node-B1	JUNCTION	93.85	2.07	0.0	
Existing-Node-B3	JUNCTION	93.90	2.11	0.0	
Existing-Node-B4	JUNCTION	93.96	2.12	0.0	
Existing-Node-B4A1	JUNCTION	94.07	1.84	0.0	
Existing-Node-B4A1A1	JUNCTION	94.66	1.22	0.0	
Existing-Node-B4A1A2	JUNCTION	94.82	1.22	0.0	
Existing-Node-B4A1A3	JUNCTION	95.09	1.50	0.0	
Existing-Node-B4A1A4	JUNCTION	95.27	1.69	0.0	
Existing-Node-B4A1A5	JUNCTION	96.40	1.69	0.0	
Existing-Node-B4A1B1	JUNCTION	94.94	1.15	0.0	
Existing-Node-B4A1B2	JUNCTION	95.08	0.73	0.0	
Existing-Node-B4A1B3	JUNCTION	95.28	0.61	0.0	
Existing-Node-B4B1	JUNCTION	94.37	1.11	0.0	
Existing-Node-B4B2	JUNCTION	94.55	1.11	0.0	
Existing-Node-B4B3	JUNCTION	94.59	1.05	0.0	
Existing-Node-B4B4	JUNCTION	94.67	0.84	0.0	
Existing-Node-B4B5	JUNCTION	94.77	0.76	0.0	
Existing-Node-B4B6	JUNCTION	94.80	0.73	0.0	
Existing-Node-B4B6A1	JUNCTION	94.97	0.38	0.0	
Existing-Node-B4B6A2	JUNCTION	95.20	0.40	0.0	
Existing-Node-B4B6A3	JUNCTION	95.66	0.27	0.0	

Existing-Node-B4B6A4	JUNCTION	95.76	0.27	0.0
Existing-Node-B4B6A5	JUNCTION	95.98	1.02	0.0
Existing-Node-B4B6A6	JUNCTION	96.14	0.86	0.0
Existing-Node-B4B6B1	JUNCTION	94.85	0.52	0.0
Existing-Node-C1	JUNCTION	93.81	0.69	0.0
Existing-Node-C1A1	JUNCTION	94.22	0.46	0.0
Existing-Node-C1A2	JUNCTION	94.25	0.46	0.0
Existing-Node-C1B1	JUNCTION	94.06	0.56	0.0
Existing-Node-C1B2	JUNCTION	94.45	0.55	0.0
Existing-Node-C1B2A1	JUNCTION	94.60	0.68	0.0
Existing-Node-C1B2A2	JUNCTION	94.76	1.00	0.0
Existing-Node-C1B2A2A1	JUNCTION	94.85	1.15	0.0
Existing-Node-C1B2A2A2	JUNCTION	94.82	1.18	0.0
Existing-Node-C1B2A2A3	JUNCTION	94.87	1.13	0.0
Existing-Node-C1B2A2A4	JUNCTION	94.90	1.10	0.0
Existing-Node-C1B2A2B1	JUNCTION	94.88	1.12	0.0
Existing-Node-C1B2A2B1A1	JUNCTION	95.18	0.20	0.0
Existing-Node-C1B2A2B1B1	JUNCTION	94.93	0.61	0.0
Existing-Node-C1B2B1	JUNCTION	94.57	0.40	0.0
Existing-Node-C1B2B1A1	JUNCTION	94.58	0.43	0.0
Existing-Node-C1B2B1A2	JUNCTION	94.98	0.68	0.0
Existing-Node-C1B2B1A3	JUNCTION	95.22	0.69	0.0
Existing-Node-C1B2B1B1	JUNCTION	94.70	0.26	0.0
Existing-Node-C1B2B1B1A1	JUNCTION	94.73	0.25	0.0
Existing-Node-C1B2B1B1B1	JUNCTION	94.86	0.30	0.0
Existing-Node-C1B2B1B1B2	JUNCTION	95.21	0.79	0.0
Existing-Node-C1B2B1B1B2A1	JUNCTION	95.34	0.47	0.0
Existing-Node-C1B2B1B1B2B1	JUNCTION	95.25	0.75	0.0
Existing-Node-C1B2B1B1B2B2	JUNCTION	95.27	0.73	0.0
Existing-Node-C1B2B1B1B2B3	JUNCTION	95.29	0.71	0.0
Existing-Node-C1B2B1B1B2B3A1	JUNCTION	95.36	0.64	0.0
Existing-Node-C1B2B1B1B2B3A2	JUNCTION	95.53	0.33	0.0
Existing-Node-C1B2B1B1B2B3A3	JUNCTION	95.54	0.33	0.0
Existing-Node-C1B2B1B1B2B3B1	JUNCTION	95.30	0.70	0.0
J1	JUNCTION	95.60	1.40	0.0
J10	JUNCTION	95.98	1.51	0.0
J11	JUNCTION	96.26	1.74	0.0
J12	JUNCTION	96.47	1.52	0.0
J13	JUNCTION	97.69	1.31	0.0
J14	JUNCTION	97.46	1.54	0.0
J15	JUNCTION	97.15	1.35	0.0
J16	JUNCTION	96.79	1.21	0.0
J2	JUNCTION	95.54	0.96	0.0
J3	JUNCTION	97.40	2.60	0.0
J4	JUNCTION	95.36	2.00	0.0
J5	JUNCTION	95.08	1.38	0.0
J6	JUNCTION	94.92	0.56	0.0
J7	JUNCTION	97.83	1.00	0.0
J8	JUNCTION	95.76	2.24	0.0
J9	JUNCTION	95.86	1.14	0.0
Proposed1003Link	JUNCTION	95.12	0.58	0.0
Proposed1004Link	JUNCTION	95.16	0.65	0.0
Proposed1005Link	JUNCTION	95.26	0.50	0.0
Proposed1006Link	JUNCTION	95.31	0.58	0.0
Proposed1007Link	JUNCTION	95.37	0.69	0.0
Proposed1008Link	JUNCTION	95.43	0.60	0.0
Proposed1009Link	JUNCTION	95.45	0.57	0.0

Proposed1010Link	JUNCTION	95.48	0.57	0.0
Proposed1011Link	JUNCTION	95.57	0.50	0.0
Proposed1101Link	JUNCTION	95.77	1.28	0.0
Proposed1102Link	JUNCTION	95.82	1.20	0.0
Proposed1103Link	JUNCTION	95.97	1.09	0.0
Proposed1104Link	JUNCTION	96.09	1.00	0.0
Proposed610Link	JUNCTION	95.11	1.89	0.0
Proposed611Link	JUNCTION	95.40	1.60	0.0
Proposed613Link	JUNCTION	95.80	1.25	0.0
Proposed614Link	JUNCTION	95.88	1.21	0.0
Proposed615Link	JUNCTION	95.98	1.05	0.0
Proposed616Link	JUNCTION	96.08	1.42	0.0
Outfall_A	OUTFALL	93.65	1.53	0.0
Outfall_B	OUTFALL	93.81	1.71	0.0
Outfall_C	OUTFALL	93.66	0.68	0.0
Bassin	STORAGE	94.40	2.50	0.0

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Link Summary
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Name	From Node	To Node	Type	Length	% Slope	Roughness
100mm_2	Proposed611Link	Proposed610Link	CONDUIT	8.0	0.6250	0.0120
150mm_3	Proposed611Link	Proposed610Link	CONDUIT	8.0	0.6250	0.0120
75mm_1	Proposed611Link	Proposed610Link	CONDUIT	8.0	2.5008	0.0120
C1_1	J7	J13	CONDUIT	50.2	0.2886	0.0120
C1_10	J16	J12	CONDUIT	107.6	0.2891	0.0120
C1_2	J9	J8	CONDUIT	35.5	0.2897	0.0120
C1_3	J13	J14	CONDUIT	78.6	0.2888	0.0120
C1_4	J10	J9	CONDUIT	42.1	0.2900	0.0120
C1_5	J11	J10	CONDUIT	94.8	0.2859	0.0120
C1_6	J12	J11	CONDUIT	75.8	0.2890	0.0120
C1_7	J14	J15	CONDUIT	105.9	0.2889	0.0120
C1_8	J15	J16	CONDUIT	126.9	0.2884	0.0120
C2	J8	J4	CONDUIT	2.9	13.8532	0.0120
ChannelA1	Existing-Node-A1	Outfall_A	CONDUIT	25.5	- 0.7852	0.0100
ChannelA2	Existing-Node-A2	Existing-Node-A1	CONDUIT	113.4	0.4234	0.0100
ChannelA2A1	Existing-Node-A2A1	Existing-Node-A2	CONDUIT	130.7	0.6962	0.0100
ChannelA2A2	Existing-Node-A2A2	Existing-Node-A2A1	CONDUIT	147.8	0.1285	0.0100

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  ChannelA2B1      Existing-Node-A2B1 Existing-Node-A2 CONDUIT          78.7
0.1981    0.0350
  ChannelA2B2      Existing-Node-A2B2 Existing-Node-A2B1 CONDUIT          27.8
0.1224    0.0100
  ChannelA2B3      Existing-Node-A2B3 Existing-Node-A2B2 CONDUIT         107.0
0.1401    0.0100
  ChannelA2B4      Existing-Node-A2B4 Existing-Node-A2B3 CONDUIT          96.3
0.2700    0.0100
  ChannelA2B5      Existing-Node-A2B5 Existing-Node-A2B4 CONDUIT          77.2
0.2331    0.0100
  ChannelA2B5A1    Existing-Node-A2B5A1 Existing-Node-A2B5 CONDUIT          22.5
0.0444    0.0350
  ChannelA2B5B1    Existing-Node-A2B5B1 Existing-Node-A2B5 CONDUIT         159.9
0.0688    0.0100
  ChannelA2B5B2    Existing-Node-A2B5B2 Existing-Node-A2B5B1 CONDUIT          10.6
0.0944    0.0100
  ChannelA2B5B3    Existing-Node-A2B5B3 Existing-Node-A2B5B2 CONDUIT         154.3
0.0583    0.0100
  ChannelB1        Existing-Node-B1 Outfall_B        CONDUIT          16.4
0.2256    0.0100
  ChannelB2212_1   Existing-Node-B4A1A5 J3               CONDUIT         126.9   -
0.7880    0.0100
  ChannelB2212_3   J3               J4               CONDUIT          18.3
11.1908    0.0100
  ChannelB2212_4   J4               Existing-Node-B4A1A4 CONDUIT         102.1
0.0881    0.0100
  ChannelB3        Existing-Node-B3 Existing-Node-B1 CONDUIT          63.7
0.0832    0.0100
  ChannelB4        Existing-Node-B4 Existing-Node-B3 CONDUIT          87.0
0.0690    0.0100
  ChannelB4A1      Existing-Node-B4A1 Existing-Node-B4 CONDUIT         105.6
0.1042    0.0100
  ChannelB4A1A1    Existing-Node-B4A1A1 Existing-Node-B4A1 CONDUIT          54.5
1.0822    0.0350
  ChannelB4A1A2    Existing-Node-B4A1A2 Existing-Node-B4A1A1 CONDUIT          41.4
0.3867    0.0100
  ChannelB4A1A3    Existing-Node-B4A1A3 Existing-Node-B4A1A2 CONDUIT          95.6
0.2824    0.0100
  ChannelB4A1A4    Existing-Node-B4A1A4 Existing-Node-B4A1A3 CONDUIT          74.8
0.2407    0.0100
  ChannelB4A1B1    Existing-Node-B4A1B1 Existing-Node-B4A1 CONDUIT         127.1
0.6868    0.0100
  ChannelB4A1B2    Existing-Node-B4A1B2 Existing-Node-B4A1B1 CONDUIT          66.8
0.2051    0.0100
  ChannelB4A1B3    Existing-Node-B4A1B3 Existing-Node-B4A1B2 CONDUIT          34.6
0.5776    0.0100
  ChannelB4B1      Existing-Node-B4B1 Existing-Node-B4 CONDUIT          55.7
0.7367    0.0100
  ChannelB4B2      Existing-Node-B4B2 Existing-Node-B4B1 CONDUIT          73.6
0.2447    0.0100
  ChannelB4B3      Existing-Node-B4B3 Existing-Node-B4B2 CONDUIT          33.3
0.1202    0.0100
  ChannelB4B4      Existing-Node-B4B4 Existing-Node-B4B3 CONDUIT          48.0
0.1666    0.0100
  ChannelB4B5      Existing-Node-B4B5 Existing-Node-B4B4 CONDUIT          86.5
0.1156    0.0100
  ChannelB4B6      Existing-Node-B4B6 Existing-Node-B4B5 CONDUIT          18.8
0.1599    0.0100
  ChannelB4B6A1    Existing-Node-B4B6A1 Existing-Node-B4B6 CONDUIT         150.1
0.1133    0.0100
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  ChannelB4B6A2    Existing-Node-B4B6A2 Existing-Node-B4B6A1 CONDUIT           23.0
1.0003    0.0100
  ChannelB4B6A3_1  Existing-Node-B4B6A3 J1               CONDUIT           30.8
0.2079    0.0100
  ChannelB4B6A3_3  J1               J2               CONDUIT           28.5
0.2105    0.0100
  ChannelB4B6A3_4  J2               Existing-Node-B4B6A2 CONDUIT          163.0
0.2062    0.0100
  ChannelB4B6A4    Existing-Node-B4B6A4 Existing-Node-B4B6A3 CONDUIT           99.5
0.1005    0.0100
  ChannelB4B6A5    Existing-Node-B4B6A5 Existing-Node-B4B6A4 CONDUIT          200.9
0.1095    0.0100
  ChannelB4B6A6    Existing-Node-B4B6A6 Existing-Node-B4B6A5 CONDUIT           85.0
0.1895    0.0350
  ChannelB4B6B1    Existing-Node-B4B6B1 Existing-Node-B4B6 CONDUIT           76.9
0.0650    0.0100
  Proposed1003LinkChannel Proposed1003Link Proposed610Link  CONDUIT           14.4
0.0418    0.0350
  Proposed1004LinkChannel Proposed1004Link Proposed1003Link CONDUIT           29.0
0.1309    0.0350
  Proposed1005LinkChannel Proposed1005Link Proposed1004Link CONDUIT          135.9
0.0773    0.0350
  Proposed1006LinkChannel Proposed1006Link Proposed1005Link CONDUIT           71.8
0.0766    0.0350
  Proposed1007LinkChannel Proposed1007Link Proposed1006Link CONDUIT           83.3
0.0624    0.0350
  Proposed1008LinkChannel Proposed1008Link Proposed1007Link CONDUIT           96.3
0.0696    0.0100
  Proposed1009LinkChannel Proposed1009Link Proposed1008Link CONDUIT           31.5
0.0508    0.0100
  Proposed1010LinkChannel Proposed1010Link Proposed1009Link CONDUIT           57.4
0.0523    0.0100
  Proposed1011LinkChannel Proposed1011Link Proposed1010Link CONDUIT           42.2
0.2132    0.0350
  Proposed1101LinkChannel Proposed1101Link Proposed613Link  CONDUIT           15.5
-0.2127    0.0100
  Proposed1102LinkChannel Proposed1102Link Proposed1101Link CONDUIT           17.0
0.3124    0.0100
  Proposed1103LinkChannel Proposed1103Link Proposed1102Link CONDUIT           47.1
0.3246    0.0100
  Proposed1104LinkChannel Proposed1104Link Proposed1103Link CONDUIT           34.7
0.3225    0.0100
  Proposed1201LinkChannel Existing-Node-C1B2B1B1 Existing-Node-C1B2B1 CONDUIT
58.3    0.2230    0.0100
  Proposed1202LinkChannel Existing-Node-C1B2B1B1B1 Existing-Node-C1B2B1B1 CONDUIT
97.2    0.1646    0.0100
  Proposed1203LinkChannel Existing-Node-C1B2B1B1B2 Existing-Node-C1B2B1B1B1 CONDUIT
204.5    0.1711    0.0100
  Proposed1204LinkChannel Existing-Node-C1B2B1B1B2B1 Existing-Node-C1B2B1B1B2
CONDUIT           58.7    0.0631    0.0350
  Proposed1205LinkChannel Existing-Node-C1B2B1B1B2B2 Existing-Node-C1B2B1B1B2B1
CONDUIT           26.3    0.0874    0.0100
  Proposed1206LinkChannel Existing-Node-C1B2B1B1B2B3 Existing-Node-C1B2B1B1B2B2
CONDUIT           22.4    0.0757    0.0350
  Proposed1207LinkChannel Existing-Node-C1B2B1B1B2B3A1 Existing-Node-C1B2B1B1B2B3
CONDUIT           23.5    0.3107    0.0350
  Proposed1208LinkChannel Existing-Node-C1B2B1B1B2B3A2 Existing-Node-C1B2B1B1B2B3A1
CONDUIT          176.6    0.0962    0.0100
  Proposed1209LinkChannel Existing-Node-C1B2B1B1B2B3A3 Existing-Node-C1B2B1B1B2B3A2
CONDUIT           77.6    0.0129    0.0100
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  Proposed1301LinkChannel Existing-Node-C1B2B1B1A1 Existing-Node-C1B2B1B1 CONDUIT
43.5    0.0690    0.0100
  Proposed1401LinkChannel Existing-Node-C1B2B1B1B2A1 Existing-Node-C1B2B1B1B2
CONDUIT          150.6    0.0863    0.0100
  Proposed1501LinkChannel Existing-Node-C1B2B1B1B2B3B1 Existing-Node-C1B2B1B1B2B3
CONDUIT           20.0    0.0649    0.0350
  Proposed502LinkChannel Existing-Node-C1 Outfall_C        CONDUIT           67.4
0.2226    0.0100
  Proposed503LinkChannel Existing-Node-C1A1 Existing-Node-C1 CONDUIT           66.2
0.6196    0.0100
  Proposed504LinkChannel Existing-Node-C1A2 Existing-Node-C1A1 CONDUIT
16.6    0.1810    0.0100
  Proposed601LinkChannel Existing-Node-C1B1 Existing-Node-C1 CONDUIT          103.7
0.2411    0.0100
  Proposed602LinkChannel Existing-Node-C1B2 Existing-Node-C1B1 CONDUIT
183.1    0.2130    0.0100
  Proposed603LinkChannel Existing-Node-C1B2A1 Existing-Node-C1B2 CONDUIT
48.4    0.3102    0.0350
  Proposed604LinkChannel Existing-Node-C1B2A2 Existing-Node-C1B2A1 CONDUIT
203.5    0.0767    0.0100
  Proposed605LinkChannel Existing-Node-C1B2A2B1 Existing-Node-C1B2A2 CONDUIT
55.0    0.2254    0.0350
  Proposed606LinkChannel_1 Existing-Node-C1B2A2B1B1 J6               CONDUIT
20.1    0.0299    0.0350
  Proposed606LinkChannel_2 J6               Existing-Node-C1B2A2B1 CONDUIT
138.3    0.0318    0.0350
  Proposed609LinkChannel_1 Proposed610Link  J5               CONDUIT           32.5
0.0830    0.0500
  Proposed609LinkChannel_2 J5               Existing-Node-C1B2A2B1B1 CONDUIT
52.8    0.2839    0.0500
  Proposed612Channel Bassin           Proposed611Link  CONDUIT            8.0   -
8.8090    0.0120
  Proposed613LinkChannel Proposed613Link  Bassin           CONDUIT           10.0
0.5600    0.0220
  Proposed614LinkChannel Proposed614Link  Proposed613Link  CONDUIT           15.7
0.4726    0.0350
  Proposed615LinkChannel Proposed615Link  Proposed614Link  CONDUIT           31.5
0.3272    0.0350
  Proposed616LinkChannel Proposed616Link  Proposed615Link  CONDUIT           30.2
0.3313    0.0350
  Proposed701LinkChannel Existing-Node-C1B2B1 Existing-Node-C1B2 CONDUIT
124.5    0.0964    0.0350
  Proposed702LinkChannel Existing-Node-C1B2B1A1 Existing-Node-C1B2B1 CONDUIT
49.5    0.0202    0.0100
  Proposed703LinkChannel Existing-Node-C1B2B1A2 Existing-Node-C1B2B1A1 CONDUIT
234.9    0.1703    0.0100
  Proposed704LinkChannel Existing-Node-C1B2B1A3 Existing-Node-C1B2B1A2 CONDUIT
144.9    0.1657    0.0100
  Proposed801LinkChannel Existing-Node-C1B2A2A1 Existing-Node-C1B2A2 CONDUIT
103.6    0.0908    0.0350
  Proposed802LinkChannel Existing-Node-C1B2A2A2 Existing-Node-C1B2A2A1 CONDUIT
10.1   -0.2970    0.0350
  Proposed803LinkChannel Existing-Node-C1B2A2A3 Existing-Node-C1B2A2A2 CONDUIT
80.5    0.0621    0.0350
  Proposed804LinkChannel Existing-Node-C1B2A2A4 Existing-Node-C1B2A2A3 CONDUIT
25.7    0.1167    0.0350
  Proposed901LinkChannel Existing-Node-C1B2A2B1A1 Existing-Node-C1B2A2B1 CONDUIT
248.2    0.1208    0.0100
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****
Cross Section Summary
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Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
100mm_2	CIRCULAR	0.10	0.01	0.03	0.10	1	0.00
150mm_3	CIRCULAR	0.15	0.02	0.04	0.15	1	0.01
75mm_1	CIRCULAR	0.07	0.00	0.02	0.07	1	0.00
C1_1	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.00
C1_10	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.01
C1_2	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.02
C1_3	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.00
C1_4	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.02
C1_5	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	8.96
C1_6	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.00
C1_7	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.00
C1_8	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	8.99
C2	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	62.34
ChannelA1	C65	1.53	110.45	0.79	138.51	1	835.73
ChannelA2	C62	1.10	50.08	0.44	114.63	1	189.41
ChannelA2A1	C22	0.80	39.08	0.31	124.58	1	150.11
ChannelA2A2	C4	0.18	9.72	0.10	96.87	1	7.60
ChannelA2B1	TRAPEZOIDAL	0.90	2.52	0.50	4.60	1	2.02
ChannelA2B2	C55	0.98	69.20	0.55	124.59	1	163.17
ChannelA2B3	C51	0.76	52.75	0.43	123.20	1	111.88
ChannelA2B4	C46	0.71	47.71	0.35	137.79	1	123.07
ChannelA2B5	C40	0.28	13.90	0.12	114.65	1	16.39
ChannelA2B5A1	TRAPEZOIDAL	0.40	1.12	0.30	3.60	1	0.30
ChannelA2B5B1	C31	0.12	3.27	0.06	52.61	1	1.34
ChannelA2B5B2	C30	0.26	9.59	0.09	111.41	1	5.95
ChannelA2B5B3	C14	0.18	10.46	0.10	104.91	1	

Channel1B1	C9	1.71	111.43	1.11	102.12	1	565.87
Channel1B2212_1	C8	1.69	78.75	0.76	101.08	1	583.27
Channel1B2212_3	CIRCULAR	0.60	0.28	0.15	0.60	1	2.67
Channel1B2212_4	C8	1.69	78.75	0.76	101.08	1	195.06
Channel1B3	C75	2.05	186.14	1.10	168.14	1	570.88
Channel1B4	C74	2.09	176.02	1.05	166.45	1	476.73
Channel1B4A1	C50	1.84	114.01	0.81	138.64	1	320.94
Channel1B4A1A1	TRAPEZOIDAL	1.20	4.08	0.64	5.80	1	9.02
Channel1B4A1A2	C45	1.22	79.07	0.72	109.30	1	394.05
Channel1B4A1A3	C37	0.74	56.51	0.53	106.86	1	195.90
Channel1B4A1A4	C33	1.50	131.89	1.17	111.99	1	716.60
Channel1B4A1B1	C28	1.06	40.72	0.35	116.54	1	166.80
Channel1B4A1B2	C20	0.73	29.73	0.28	103.85	1	58.32
Channel1B4A1B3	C16	0.53	25.20	0.24	105.86	1	73.34
Channel1B4B1	C71	1.11	80.50	0.64	144.51	1	511.71
Channel1B4B2	C70	1.11	78.30	0.55	142.07	1	258.71
Channel1B4B3	C69	1.05	65.56	0.48	134.75	1	139.98
Channel1B4B4	C68	0.84	47.63	0.36	131.76	1	98.90
Channel1B4B5	C66	0.75	40.17	0.34	130.13	1	66.86
Channel1B4B6	C64	0.56	37.90	0.30	131.20	1	67.27
Channel1B4B6A1	C60	0.38	21.93	0.14	150.78	1	20.34
Channel1B4B6A2	C58	0.38	23.62	0.19	120.66	1	79.31
Channel1B4B6A3_1	C78	0.23	11.22	0.11	102.15	1	11.68
Channel1B4B6A3_3	CIRCULAR	0.45	0.16	0.11	0.45	1	0.17
Channel1B4B6A3_4	C78	0.23	11.22	0.11	102.15	1	11.63
Channel1B4B6A4	C39	0.27	13.05	0.11	116.20	1	9.59
Channel1B4B6A5	C27	0.17	8.02	0.08	99.08	1	5.00
Channel1B4B6A6	TRAPEZOIDAL	0.40	0.72	0.26	2.60	1	0.36
Channel1B4B6B1	C3	0.38	17.20	0.13	127.00	1	11.52
Proposed1003LinkChannel	TRAPEZOIDAL	0.50	0.75	0.27	2.50	1	0.18

	Proposed1004LinkChannel	TRAPEZOIDAL	0.50	0.75	0.27	2.50	
1	0.33						
	Proposed1005LinkChannel	TRAPEZOIDAL	0.50	0.75	0.27	2.50	
1	0.25						
	Proposed1006LinkChannel	TRAPEZOIDAL	0.50	0.75	0.27	2.50	
1	0.25						
	Proposed1007LinkChannel	TRAPEZOIDAL	0.50	0.75	0.27	2.50	
1	0.23						
	Proposed1008LinkChannel	C32	0.57	46.70	0.40	115.43	
1	67.05						
	Proposed1009LinkChannel	CIRCULAR	0.30	0.07	0.07	0.30	
1	0.03						
	Proposed1010LinkChannel	C23	0.57	41.71	0.38	111.18	
1	50.25						
	Proposed1011LinkChannel	TRAPEZOIDAL	0.50	1.00	0.31	3.00	
1	0.60						
	Proposed1101LinkChannel	TRAPEZOIDAL	1.00	3.50	0.59	5.50	
1	11.31						
	Proposed1102LinkChannel	TRAPEZOIDAL	1.00	3.50	0.59	5.50	
1	13.70						
	Proposed1103LinkChannel	TRAPEZOIDAL	1.00	3.00	0.55	5.00	
1	11.45						
	Proposed1104LinkChannel	TRAPEZOIDAL	1.00	3.00	0.55	5.00	
1	11.41						
	Proposed1201LinkChannel	C57	0.21	13.88	0.11	129.25	
1	14.77						
	Proposed1202LinkChannel	C52	0.26	21.69	0.16	133.21	
1	26.15						
	Proposed1203LinkChannel	C43	0.29	14.52	0.13	110.36	
1	15.47						
	Proposed1204LinkChannel	TRAPEZOIDAL	0.70	1.68	0.41	3.80	
1	0.66						
	Proposed1205LinkChannel	C36	0.30	22.34	0.20	113.53	
1	22.25						
	Proposed1206LinkChannel	TRAPEZOIDAL	0.23	0.57	0.19	2.92	
1	0.15						
	Proposed1207LinkChannel	TRAPEZOIDAL	0.40	0.72	0.26	2.60	
1	0.46						
	Proposed1208LinkChannel	C19	0.24	12.92	0.12	105.74	
1	10.00						
	Proposed1209LinkChannel	C13	0.33	20.66	0.21	99.45	
1	8.21						
	Proposed1301LinkChannel	C17	0.19	12.72	0.10	122.92	
1	7.35						
	Proposed1401LinkChannel	C10	0.47	25.91	0.32	80.45	
1	35.54						
	Proposed1501LinkChannel	TRAPEZOIDAL	0.40	0.72	0.26	2.60	
1	0.21						
	Proposed502LinkChannel	C77	0.68	42.34	0.21	204.48	
1	69.87						
	Proposed503LinkChannel	C11	0.38	16.10	0.14	116.94	
1	34.01						
	Proposed504LinkChannel	C7	0.45	17.45	0.17	104.30	
1	22.47						
	Proposed601LinkChannel	C76	0.36	12.34	0.13	102.08	
1	15.24						
	Proposed602LinkChannel	C73	0.54	61.49	0.32	188.39	
1	134.18						
	Proposed603LinkChannel	TRAPEZOIDAL	0.54	1.12	0.33	3.16	
1	0.85						

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  Proposed604LinkChannel C67                  0.61    53.72     0.37   142.92
1    77.21
  Proposed605LinkChannel TRAPEZOIDAL          0.70     1.68     0.41     3.80
1     1.25
  Proposed606LinkChannel_1 TRAPEZOIDAL          0.50     2.50     0.40     6.00
1     0.67
  Proposed606LinkChannel_2 TRAPEZOIDAL          0.50     2.50     0.40     6.00
1     0.69
  Proposed609LinkChannel_1 TRAPEZOIDAL          0.30     0.78     0.23     3.20
1     0.17
  Proposed609LinkChannel_2 TRAPEZOIDAL          0.30     0.78     0.23     3.20
1     0.32
  Proposed612Channel CIRCULAR             0.30     0.07     0.07     0.30        1
0.31
  Proposed613LinkChannel TRAPEZOIDAL          1.25     4.39     0.67     6.01
1    11.39
  Proposed614LinkChannel TRAPEZOIDAL          1.21     4.76     0.69     6.35
1     7.28
  Proposed615LinkChannel TRAPEZOIDAL          1.05     3.80     0.61     5.72
1     4.48
  Proposed616LinkChannel TRAPEZOIDAL          1.00     3.50     0.59     5.50
1     4.03
  Proposed701LinkChannel TRAPEZOIDAL          0.40     0.72     0.26     2.60
1     0.26
  Proposed702LinkChannel C41                  0.39    14.90     0.14   105.39
1     5.72
  Proposed703LinkChannel C26                  0.23    11.88     0.10   114.51
1    10.78
  Proposed704LinkChannel C6                   0.68    54.09     0.54   100.34
1   145.57
  Proposed801LinkChannel TRAPEZOIDAL          0.40     1.12     0.30     3.60
1     0.43
  Proposed802LinkChannel TRAPEZOIDAL          0.70     1.68     0.41     3.80
1     1.44
  Proposed803LinkChannel TRAPEZOIDAL          0.50     1.50     0.35     4.00
1     0.53
  Proposed804LinkChannel TRAPEZOIDAL          0.50     1.00     0.31     3.00
1     0.45
  Proposed901LinkChannel C12                  0.18     3.67     0.09    38.87
1     2.64


  ****************
  Transect Summary
  ****************

  Transect C10
  Area:
              0.0002     0.0006     0.0015     0.0026     0.0040
              0.0060     0.0085     0.0118     0.0156     0.0205
              0.0271     0.0363     0.0488     0.0644     0.0821
              0.1011     0.1212     0.1421     0.1638     0.1862
              0.2090     0.2326     0.2569     0.2823     0.3085
              0.3351     0.3621     0.3891     0.4161     0.4432
              0.4704     0.4976     0.5249     0.5522     0.5795
              0.6069     0.6344     0.6620     0.6897     0.7174
              0.7453     0.7732     0.8012     0.8293     0.8574
              0.8857     0.9140     0.9425     0.9711     1.0000
  Hrad:
```

0.0146 0.0292 0.0437 0.0624 0.0768
0.0883 0.0964 0.1037 0.1184 0.1292
0.1342 0.1331 0.1381 0.1415 0.1551
0.1695 0.1813 0.2023 0.2247 0.2474
0.2695 0.2900 0.3090 0.3156 0.3404
0.3630 0.3904 0.4184 0.4466 0.4748
0.5029 0.5309 0.5589 0.5868 0.6147
0.6419 0.6689 0.6959 0.7227 0.7495
0.7761 0.8027 0.8292 0.8555 0.8817
0.9077 0.9337 0.9588 0.9795 1.0000

Width:

0.0111 0.0223 0.0334 0.0437 0.0572
0.0774 0.0992 0.1235 0.1422 0.1999
0.2609 0.3815 0.4829 0.5909 0.6235
0.6771 0.7068 0.7382 0.7602 0.7792
0.7992 0.8245 0.8532 0.8976 0.9089
0.9256 0.9297 0.9321 0.9338 0.9356
0.9373 0.9390 0.9408 0.9425 0.9442
0.9468 0.9497 0.9525 0.9553 0.9582
0.9611 0.9640 0.9669 0.9698 0.9729
0.9761 0.9792 0.9831 0.9916 1.0000

Transect C11

Area:

0.0003 0.0011 0.0022 0.0033 0.0045
0.0057 0.0071 0.0084 0.0098 0.0113
0.0129 0.0145 0.0162 0.0180 0.0202
0.0232 0.0267 0.0309 0.0359 0.0423
0.0500 0.0594 0.0705 0.0821 0.0946
0.1075 0.1208 0.1348 0.1520 0.1725
0.1942 0.2171 0.2424 0.2723 0.3041
0.3376 0.3734 0.4117 0.4534 0.4976
0.5430 0.5897 0.6371 0.6858 0.7358
0.7867 0.8388 0.8921 0.9457 1.0000

Hrad:

0.0270 0.0606 0.1095 0.1561 0.2007
0.2435 0.2848 0.3249 0.3638 0.4017
0.4388 0.4725 0.5047 0.5365 0.5536
0.5549 0.5545 0.5527 0.5476 0.5345
0.5166 0.4809 0.4811 0.4967 0.5033
0.5182 0.5330 0.5158 0.5355 0.5544
0.5851 0.6136 0.6374 0.5642 0.5975
0.6312 0.6607 0.6650 0.6846 0.6391
0.6835 0.7294 0.7758 0.8189 0.8598
0.8991 0.8664 0.9059 0.9561 1.0000

Width:

0.0107 0.0187 0.0199 0.0210 0.0221
0.0232 0.0244 0.0255 0.0266 0.0278
0.0289 0.0302 0.0315 0.0329 0.0490
0.0599 0.0690 0.0837 0.1039 0.1290
0.1522 0.1952 0.2065 0.2209 0.2327
0.2386 0.2461 0.2750 0.3507 0.3861
0.4048 0.4374 0.5017 0.5637 0.5960
0.6338 0.6743 0.7263 0.7845 0.8189
0.8464 0.8596 0.8786 0.9046 0.9208
0.9396 0.9628 0.9764 0.9836 1.0000

Transect C12

Area:

0.0006	0.0025	0.0048	0.0074	0.0102
0.0134	0.0168	0.0207	0.0252	0.0312
0.0384	0.0462	0.0547	0.0639	0.0741
0.0856	0.0988	0.1136	0.1295	0.1463
0.1640	0.1824	0.2014	0.2209	0.2408
0.2619	0.2851	0.3102	0.3360	0.3620
0.3885	0.4155	0.4430	0.4712	0.4998
0.5288	0.5583	0.5881	0.6184	0.6491
0.6803	0.7118	0.7451	0.7805	0.8162
0.8524	0.8888	0.9254	0.9624	1.0000

Hrad:

0.0190	0.0426	0.0737	0.1024	0.1294
0.1550	0.1793	0.1858	0.1883	0.1724
0.1934	0.2144	0.2363	0.2519	0.2600
0.2751	0.2919	0.2794	0.2999	0.3222
0.3441	0.3684	0.3971	0.4256	0.4537
0.4758	0.4925	0.4611	0.4912	0.5245
0.5517	0.5775	0.6030	0.6298	0.6582
0.6864	0.7142	0.7418	0.7692	0.7964
0.8233	0.8500	0.8048	0.8326	0.8603
0.8918	0.9230	0.9541	0.9805	1.0000

Width:

0.0330	0.0576	0.0648	0.0719	0.0791
0.0862	0.0935	0.1112	0.1341	0.1808
0.1985	0.2157	0.2316	0.2535	0.2850
0.3249	0.3686	0.4064	0.4318	0.4541
0.4765	0.4951	0.5073	0.5191	0.5309
0.5851	0.6381	0.6728	0.6839	0.6902
0.7041	0.7194	0.7348	0.7481	0.7593
0.7704	0.7816	0.7928	0.8039	0.8151
0.8263	0.8374	0.9258	0.9374	0.9487
0.9558	0.9629	0.9700	0.9816	1.0000

Transect C13

Area:

0.0003	0.0010	0.0023	0.0041	0.0069
0.0102	0.0142	0.0189	0.0250	0.0327
0.0419	0.0529	0.0660	0.0814	0.0981
0.1153	0.1326	0.1508	0.1697	0.1891
0.2086	0.2287	0.2497	0.2712	0.2930
0.3153	0.3382	0.3617	0.3857	0.4103
0.4365	0.4639	0.4916	0.5198	0.5482
0.5769	0.6058	0.6349	0.6642	0.6937
0.7233	0.7531	0.7831	0.8132	0.8436
0.8743	0.9052	0.9366	0.9683	1.0000

Hrad:

0.0159	0.0331	0.0491	0.0592	0.0766
0.0974	0.1160	0.1325	0.1454	0.1548
0.1643	0.1716	0.1718	0.1725	0.1824
0.2127	0.2417	0.2618	0.2806	0.3096
0.3389	0.3645	0.3897	0.4156	0.4399
0.4644	0.4844	0.5106	0.5364	0.5614
0.5793	0.5672	0.5938	0.6196	0.6471
0.6726	0.6978	0.7249	0.7528	0.7806
0.8082	0.8358	0.8633	0.8897	0.9152

0.9405 0.9628 0.9408 0.9704 1.0000

Width:

0.0165 0.0314 0.0460 0.0735 0.0962
0.1143 0.1366 0.1668 0.2154 0.2682
0.3081 0.3806 0.4513 0.5101 0.5380
0.5421 0.5576 0.5807 0.6050 0.6108
0.6226 0.6473 0.6688 0.6821 0.6944
0.7062 0.7315 0.7483 0.7618 0.7949
0.8499 0.8657 0.8807 0.8925 0.8980
0.9058 0.9140 0.9198 0.9248 0.9298
0.9351 0.9405 0.9461 0.9528 0.9603
0.9680 0.9802 0.9956 0.9978 1.0000

Transect C14

Area:

0.0002 0.0010 0.0020 0.0037 0.0061
0.0090 0.0121 0.0155 0.0191 0.0229
0.0271 0.0319 0.0372 0.0427 0.0486
0.0568 0.0665 0.0772 0.0899 0.1035
0.1189 0.1365 0.1552 0.1746 0.1949
0.2165 0.2398 0.2650 0.2923 0.3224
0.3536 0.3852 0.4173 0.4500 0.4835
0.5172 0.5511 0.5850 0.6190 0.6531
0.6873 0.7216 0.7559 0.7903 0.8248
0.8595 0.8943 0.9292 0.9644 1.0000

Hrad:

0.0179 0.0381 0.0648 0.0787 0.0861
0.1061 0.1327 0.1585 0.1840 0.2087
0.2286 0.2225 0.2457 0.2685 0.2902
0.2890 0.3022 0.3129 0.3134 0.3265
0.3202 0.3343 0.3521 0.3716 0.3913
0.4022 0.4004 0.4150 0.4149 0.4128
0.4085 0.4398 0.4656 0.4929 0.5123
0.5467 0.5810 0.6152 0.6493 0.6835
0.7177 0.7518 0.7858 0.8189 0.8517
0.8843 0.9161 0.9478 0.9719 1.0000

Width:

0.0109 0.0262 0.0312 0.0558 0.0770
0.0846 0.0914 0.0978 0.1039 0.1099
0.1254 0.1435 0.1513 0.1592 0.1751
0.2591 0.2841 0.3344 0.3709 0.3960
0.4779 0.5091 0.5340 0.5532 0.5853
0.6264 0.6801 0.7316 0.8040 0.8651
0.8808 0.8890 0.9088 0.9249 0.9441
0.9465 0.9489 0.9513 0.9537 0.9558
0.9579 0.9601 0.9622 0.9652 0.9686
0.9720 0.9762 0.9805 0.9923 1.0000

Transect C16

Area:

0.0007 0.0023 0.0046 0.0085 0.0136
0.0202 0.0276 0.0352 0.0431 0.0510
0.0595 0.0686 0.0784 0.0886 0.0991
0.1098 0.1212 0.1328 0.1446 0.1566
0.1688 0.1811 0.1936 0.2064 0.2196
0.2329 0.2469 0.2626 0.2794 0.2972
0.3166 0.3373 0.3602 0.3861 0.4159

0.4481 0.4817 0.5167 0.5526 0.5894
0.6272 0.6657 0.7053 0.7454 0.7860
0.8271 0.8690 0.9119 0.9558 1.0000

Hrad:

0.0287 0.0515 0.0806 0.0942 0.1056
0.1263 0.1637 0.2044 0.2441 0.2830
0.3193 0.3527 0.3482 0.3841 0.4196
0.4544 0.4711 0.5080 0.5449 0.5814
0.6171 0.6524 0.6854 0.7136 0.7414
0.7720 0.8006 0.7739 0.7965 0.8217
0.8440 0.8593 0.8704 0.8620 0.7616
0.7749 0.7864 0.7017 0.7346 0.7563
0.7907 0.8230 0.8557 0.8881 0.9201
0.9517 0.9852 1.0145 0.9744 1.0000

Width:

0.0255 0.0446 0.0686 0.0990 0.1352
0.1601 0.1686 0.1724 0.1764 0.1819
0.1960 0.2099 0.2252 0.2308 0.2362
0.2481 0.2573 0.2615 0.2654 0.2694
0.2735 0.2776 0.2825 0.2893 0.2961
0.3017 0.3344 0.3625 0.3876 0.4174
0.4456 0.4874 0.5392 0.6184 0.6995
0.7338 0.7665 0.7951 0.8108 0.8364
0.8508 0.8736 0.8890 0.9008 0.9123
0.9261 0.9482 0.9674 0.9809 1.0000

Transect C17

Area:

0.0003 0.0007 0.0012 0.0018 0.0024
0.0032 0.0041 0.0054 0.0069 0.0090
0.0119 0.0153 0.0193 0.0243 0.0313
0.0397 0.0507 0.0637 0.0786 0.0953
0.1125 0.1309 0.1503 0.1709 0.1920
0.2139 0.2370 0.2617 0.2874 0.3144
0.3429 0.3726 0.4032 0.4344 0.4662
0.4986 0.5320 0.5667 0.6018 0.6372
0.6727 0.7083 0.7441 0.7801 0.8162
0.8526 0.8891 0.9259 0.9628 1.0000

Hrad:

0.0256 0.0544 0.0799 0.1035 0.1258
0.1474 0.1409 0.1528 0.1668 0.1734
0.1733 0.1828 0.1960 0.2042 0.2053
0.2056 0.1956 0.2063 0.2247 0.2467
0.2723 0.2978 0.3216 0.3488 0.3762
0.3953 0.4218 0.4460 0.4708 0.4891
0.5102 0.5218 0.5471 0.5754 0.6018
0.6273 0.6407 0.6124 0.6381 0.6735
0.7088 0.7429 0.7770 0.8106 0.8428
0.8754 0.9091 0.9421 0.9736 1.0000

Width:

0.0098 0.0122 0.0146 0.0170 0.0194
0.0218 0.0293 0.0350 0.0502 0.0636
0.0858 0.0982 0.1137 0.1619 0.2056
0.2603 0.3235 0.3691 0.4317 0.4508
0.4753 0.5000 0.5371 0.5565 0.5730
0.5968 0.6364 0.6754 0.7001 0.7432
0.7746 0.8056 0.8264 0.8385 0.8548

0.8744 0.9154 0.9300 0.9420 0.9449
0.9479 0.9522 0.9564 0.9610 0.9671
0.9725 0.9766 0.9815 0.9878 1.0000

Transect C19
Area:
0.0002 0.0006 0.0013 0.0026 0.0042
0.0061 0.0084 0.0109 0.0140 0.0180
0.0228 0.0283 0.0346 0.0413 0.0485
0.0561 0.0643 0.0731 0.0830 0.0937
0.1050 0.1172 0.1305 0.1449 0.1613
0.1794 0.1997 0.2228 0.2487 0.2763
0.3054 0.3357 0.3673 0.4002 0.4342
0.4690 0.5044 0.5402 0.5768 0.6137
0.6510 0.6887 0.7268 0.7653 0.8041
0.8431 0.8822 0.9213 0.9606 1.0000
Hrad:
0.0193 0.0406 0.0617 0.0663 0.0940
0.1231 0.1502 0.1760 0.1946 0.2080
0.2223 0.2304 0.2496 0.2700 0.2908
0.3116 0.3311 0.3501 0.3499 0.3711
0.3918 0.4108 0.4272 0.4407 0.4509
0.4637 0.4686 0.4571 0.4694 0.4838
0.4569 0.4796 0.4949 0.5173 0.5438
0.5431 0.5763 0.6089 0.6414 0.6739
0.7065 0.7386 0.7707 0.8007 0.8337
0.8561 0.8921 0.9281 0.9641 1.0000
Width:
0.0078 0.0146 0.0223 0.0381 0.0448
0.0528 0.0603 0.0674 0.0904 0.1121
0.1296 0.1545 0.1651 0.1760 0.1879
0.2000 0.2144 0.2302 0.2632 0.2778
0.2958 0.3248 0.3482 0.3877 0.4398
0.4775 0.5503 0.6196 0.6812 0.7190
0.7530 0.7862 0.8173 0.8507 0.8752
0.8900 0.9023 0.9196 0.9316 0.9410
0.9503 0.9607 0.9712 0.9815 0.9872
0.9898 0.9924 0.9949 0.9975 1.0000

Transect C20
Area:
0.0002 0.0006 0.0014 0.0024 0.0036
0.0048 0.0061 0.0075 0.0090 0.0113
0.0146 0.0184 0.0225 0.0270 0.0319
0.0372 0.0428 0.0492 0.0569 0.0656
0.0753 0.0859 0.0976 0.1104 0.1237
0.1397 0.1580 0.1785 0.2001 0.2235
0.2477 0.2725 0.2991 0.3284 0.3600
0.3930 0.4268 0.4622 0.5014 0.5431
0.5861 0.6294 0.6730 0.7169 0.7624
0.8089 0.8559 0.9032 0.9510 1.0000
Hrad:
0.0253 0.0506 0.0759 0.1080 0.1510
0.1920 0.2314 0.2694 0.3060 0.3104
0.3105 0.3198 0.3361 0.3513 0.3690
0.3886 0.4095 0.4264 0.4392 0.4478
0.4534 0.4651 0.3967 0.4330 0.4564

0.4235 0.4487 0.4298 0.4612 0.4750
0.5122 0.5484 0.5612 0.5527 0.5611
0.5963 0.6357 0.6659 0.6380 0.6414
0.6885 0.7352 0.7803 0.8236 0.8405
0.8748 0.9209 0.9639 1.0014 1.0000
Width:
0.0060 0.0120 0.0180 0.0224 0.0237
0.0251 0.0264 0.0277 0.0308 0.0598
0.0699 0.0781 0.0849 0.0923 0.1001
0.1077 0.1153 0.1412 0.1615 0.1815
0.2005 0.2182 0.2476 0.2558 0.2798
0.3339 0.3855 0.4169 0.4350 0.4702
0.4833 0.4967 0.5483 0.5964 0.6414
0.6590 0.6793 0.7222 0.7977 0.8465
0.8512 0.8559 0.8623 0.8776 0.9070
0.9246 0.9294 0.9369 0.9496 1.0000

Transect C22
Area:
0.0001 0.0003 0.0007 0.0013 0.0020
0.0029 0.0044 0.0072 0.0108 0.0147
0.0188 0.0231 0.0280 0.0334 0.0390
0.0448 0.0509 0.0572 0.0639 0.0721
0.0829 0.0946 0.1088 0.1249 0.1418
0.1597 0.1782 0.1971 0.2168 0.2376
0.2596 0.2828 0.3071 0.3320 0.3575
0.3837 0.4132 0.4493 0.4859 0.5247
0.5667 0.6115 0.6580 0.7051 0.7527
0.8010 0.8500 0.8995 0.9494 1.0000
Hrad:
0.0254 0.0508 0.0762 0.1016 0.1270
0.1489 0.1437 0.1068 0.1479 0.1887
0.2267 0.2587 0.2755 0.3082 0.3468
0.3844 0.4189 0.4508 0.4696 0.4853
0.4930 0.5085 0.5033 0.3886 0.4114
0.4471 0.4846 0.5218 0.5472 0.5658
0.5890 0.6036 0.6354 0.6705 0.7065
0.7267 0.5854 0.6330 0.6615 0.7026
0.7353 0.6880 0.7147 0.7603 0.7959
0.8395 0.8782 0.9229 0.9639 1.0000
Width:
0.0032 0.0064 0.0096 0.0128 0.0160
0.0196 0.0405 0.0677 0.0732 0.0777
0.0826 0.0893 0.1016 0.1082 0.1124
0.1165 0.1214 0.1267 0.1359 0.2001
0.2214 0.2455 0.3054 0.3211 0.3445
0.3570 0.3675 0.3776 0.3959 0.4197
0.4405 0.4684 0.4831 0.4950 0.5058
0.5279 0.7058 0.7096 0.7372 0.7990
0.8609 0.8917 0.9206 0.9274 0.9456
0.9542 0.9679 0.9747 0.9850 1.0000

Transect C23
Area:
0.0005 0.0023 0.0058 0.0104 0.0168
0.0252 0.0345 0.0451 0.0570 0.0702
0.0853 0.1023 0.1204 0.1395 0.1592

0.1797 0.2003 0.2210 0.2417 0.2625
0.2833 0.3041 0.3250 0.3459 0.3669
0.3880 0.4091 0.4303 0.4515 0.4728
0.4942 0.5157 0.5373 0.5594 0.5822
0.6061 0.6307 0.6559 0.6818 0.7088
0.7366 0.7649 0.7934 0.8223 0.8516
0.8811 0.9105 0.9401 0.9697 1.0000
Hrad:
0.0157 0.0259 0.0453 0.0648 0.0756
0.0967 0.1185 0.1388 0.1576 0.1723
0.1707 0.1868 0.1971 0.2235 0.2493
0.2605 0.2897 0.3189 0.3481 0.3771
0.4062 0.4351 0.4640 0.4925 0.5207
0.5488 0.5769 0.6048 0.6325 0.6601
0.6876 0.7150 0.7423 0.7686 0.7940
0.8171 0.8385 0.8594 0.8110 0.8283
0.8439 0.8656 0.8870 0.9072 0.8628
0.8910 0.9186 0.9461 0.9735 1.0000
Width:
0.0298 0.0997 0.1300 0.1685 0.2503
0.2908 0.3243 0.3628 0.4026 0.4555
0.5268 0.5776 0.6058 0.6365 0.6521
0.6736 0.6749 0.6763 0.6777 0.6790
0.6804 0.6817 0.6831 0.6849 0.6870
0.6890 0.6911 0.6932 0.6955 0.6978
0.7001 0.7024 0.7161 0.7315 0.7636
0.7940 0.8137 0.8329 0.8583 0.9001
0.9169 0.9276 0.9383 0.9527 0.9607
0.9623 0.9645 0.9668 0.9751 1.0000

Transect C26
Area:
0.0000 0.0002 0.0004 0.0006 0.0010
0.0015 0.0020 0.0026 0.0032 0.0039
0.0047 0.0061 0.0084 0.0112 0.0144
0.0184 0.0244 0.0324 0.0418 0.0531
0.0660 0.0803 0.0955 0.1118 0.1292
0.1479 0.1679 0.1898 0.2137 0.2386
0.2645 0.2920 0.3215 0.3532 0.3864
0.4213 0.4572 0.4941 0.5320 0.5712
0.6112 0.6521 0.6936 0.7357 0.7784
0.8221 0.8662 0.9106 0.9552 1.0000
Hrad:
0.0225 0.0450 0.0674 0.0899 0.1124
0.1349 0.1574 0.1861 0.2165 0.2458
0.2705 0.2616 0.2468 0.2465 0.2544
0.2617 0.2389 0.2452 0.2564 0.2674
0.2826 0.3009 0.3248 0.3503 0.3758
0.3959 0.4174 0.4238 0.4468 0.4703
0.4946 0.4930 0.5035 0.5196 0.5414
0.5710 0.6021 0.6247 0.6567 0.6829
0.7092 0.7400 0.7791 0.8178 0.8501
0.8474 0.8885 0.9282 0.9677 1.0000
Width:
0.0018 0.0036 0.0054 0.0072 0.0090
0.0108 0.0126 0.0138 0.0149 0.0159
0.0214 0.0436 0.0563 0.0660 0.0771

0.1012 0.1585 0.1952 0.2276 0.2734
0.2996 0.3289 0.3506 0.3748 0.3990
0.4308 0.4699 0.5140 0.5437 0.5660
0.5878 0.6333 0.6820 0.7253 0.7617
0.7886 0.8103 0.8327 0.8578 0.8834
0.8977 0.9188 0.9304 0.9410 0.9611
0.9809 0.9847 0.9898 0.9949 1.0000

Transect C27
Area:
0.0004 0.0013 0.0023 0.0035 0.0048
0.0062 0.0084 0.0113 0.0152 0.0197
0.0249 0.0313 0.0389 0.0470 0.0556
0.0646 0.0739 0.0836 0.0940 0.1050
0.1172 0.1306 0.1448 0.1601 0.1763
0.1934 0.2117 0.2313 0.2528 0.2766
0.3023 0.3297 0.3582 0.3891 0.4213
0.4553 0.4903 0.5261 0.5625 0.5993
0.6369 0.6756 0.7150 0.7549 0.7952
0.8357 0.8764 0.9174 0.9586 1.0000
Hrad:
0.0205 0.0536 0.0868 0.1175 0.1465
0.1740 0.1825 0.1764 0.1460 0.1751
0.1855 0.2083 0.2033 0.2324 0.2649
0.2988 0.3318 0.3633 0.3900 0.4130
0.4394 0.4400 0.4265 0.4581 0.4880
0.5167 0.5433 0.5663 0.5861 0.6034
0.6199 0.6384 0.6582 0.6676 0.6782
0.6787 0.6947 0.6951 0.7190 0.7456
0.7710 0.7947 0.7729 0.8074 0.8292
0.8665 0.9032 0.9397 0.9626 1.0000
Width:
0.0181 0.0238 0.0266 0.0294 0.0322
0.0371 0.0630 0.0805 0.1029 0.1146
0.1410 0.1678 0.1892 0.2028 0.2124
0.2200 0.2278 0.2420 0.2575 0.2779
0.3082 0.3331 0.3563 0.3800 0.3970
0.4282 0.4555 0.4947 0.5474 0.5966
0.6409 0.6751 0.7099 0.7595 0.7959
0.8323 0.8528 0.8698 0.8832 0.8949
0.9215 0.9408 0.9575 0.9662 0.9733
0.9782 0.9843 0.9907 0.9959 1.0000

Transect C28
Area:
0.0003 0.0014 0.0027 0.0042 0.0058
0.0076 0.0096 0.0117 0.0144 0.0176
0.0213 0.0253 0.0296 0.0343 0.0393
0.0447 0.0504 0.0565 0.0630 0.0698
0.0791 0.0906 0.1035 0.1178 0.1336
0.1506 0.1694 0.1900 0.2122 0.2354
0.2596 0.2845 0.3102 0.3367 0.3640
0.3923 0.4214 0.4511 0.4815 0.5126
0.5452 0.5788 0.6131 0.6525 0.7045
0.7611 0.8198 0.8794 0.9394 1.0000
Hrad:
0.0304 0.0667 0.1163 0.1619 0.2046

0.2453 0.2863 0.3236 0.3493 0.3717
0.3951 0.4202 0.4466 0.4713 0.4967
0.5230 0.5497 0.5760 0.6010 0.6242
0.6246 0.6185 0.5605 0.5794 0.5942
0.5920 0.5863 0.6026 0.5660 0.6035
0.6432 0.6856 0.7225 0.7613 0.7961
0.8307 0.8714 0.9143 0.9526 0.9899
1.0019 1.0373 1.0782 1.1019 1.0604
1.0496 0.8441 0.8947 0.9476 1.0000

Width:

0.0113 0.0204 0.0230 0.0256 0.0283
0.0309 0.0333 0.0396 0.0494 0.0563
0.0627 0.0685 0.0740 0.0799 0.0856
0.0913 0.0970 0.1030 0.1094 0.1256
0.1758 0.1998 0.2273 0.2471 0.2689
0.2936 0.3249 0.3507 0.3747 0.3900
0.4035 0.4149 0.4292 0.4422 0.4572
0.4722 0.4836 0.4934 0.5055 0.5226
0.5443 0.5582 0.5730 0.7674 0.9106
0.9556 0.9718 0.9832 0.9916 1.0000

Transect C3

Area:

0.0009 0.0024 0.0043 0.0063 0.0085
0.0107 0.0132 0.0158 0.0185 0.0213
0.0243 0.0275 0.0309 0.0343 0.0380
0.0418 0.0458 0.0499 0.0543 0.0597
0.0677 0.0777 0.0904 0.1076 0.1280
0.1502 0.1731 0.1966 0.2206 0.2451
0.2703 0.2961 0.3224 0.3494 0.3770
0.4052 0.4337 0.4627 0.4932 0.5254
0.5594 0.5962 0.6369 0.6839 0.7338
0.7850 0.8378 0.8910 0.9450 1.0000

Hrad:

0.0390 0.0764 0.1246 0.1699 0.2131
0.2543 0.2941 0.3341 0.3712 0.4055
0.4393 0.4724 0.5051 0.5374 0.5693
0.6009 0.6349 0.6678 0.6972 0.7143
0.7012 0.6698 0.6206 0.5881 0.5582
0.5476 0.5538 0.5676 0.5941 0.6233
0.6510 0.6831 0.7168 0.7372 0.7728
0.8095 0.8513 0.8938 0.9050 0.9380
0.9748 1.0046 1.0290 1.0022 1.0239
1.0506 0.9638 1.0095 1.0308 1.0000

Width:

0.0225 0.0321 0.0346 0.0372 0.0398
0.0423 0.0449 0.0472 0.0498 0.0526
0.0555 0.0583 0.0611 0.0640 0.0668
0.0696 0.0722 0.0748 0.0838 0.1213
0.1619 0.1982 0.2688 0.3435 0.3860
0.4054 0.4151 0.4256 0.4342 0.4439
0.4589 0.4669 0.4751 0.4900 0.4992
0.5083 0.5151 0.5243 0.5649 0.5881
0.6286 0.6854 0.7847 0.8772 0.9092
0.9284 0.9517 0.9560 0.9751 1.0000

Transect C30

Area:

0.0000	0.0001	0.0003	0.0005	0.0007
0.0010	0.0014	0.0018	0.0023	0.0028
0.0034	0.0041	0.0048	0.0055	0.0063
0.0071	0.0080	0.0089	0.0098	0.0107
0.0117	0.0136	0.0170	0.0212	0.0268
0.0360	0.0497	0.0662	0.0851	0.1052
0.1278	0.1531	0.1803	0.2097	0.2430
0.2785	0.3155	0.3555	0.3982	0.4442
0.4923	0.5424	0.5946	0.6489	0.7053
0.7627	0.8208	0.8797	0.9394	1.0000

Hrad:

0.0288	0.0576	0.0864	0.1153	0.1441
0.1729	0.2017	0.2305	0.2593	0.2882
0.3170	0.3458	0.3746	0.4141	0.4534
0.4919	0.5297	0.5667	0.6032	0.6391
0.6745	0.6508	0.5826	0.5334	0.4931
0.4260	0.3801	0.3621	0.3660	0.3878
0.4088	0.4330	0.4595	0.4833	0.4770
0.5094	0.5352	0.5617	0.5939	0.6244
0.6616	0.7001	0.7377	0.7545	0.7893
0.8329	0.8764	0.9211	0.9702	1.0000

Width:

0.0009	0.0018	0.0028	0.0037	0.0046
0.0055	0.0065	0.0074	0.0083	0.0092
0.0101	0.0111	0.0120	0.0125	0.0131
0.0136	0.0141	0.0147	0.0152	0.0157
0.0163	0.0482	0.0622	0.0769	0.1052
0.1972	0.2491	0.2908	0.3191	0.3390
0.3949	0.4295	0.4595	0.5028	0.5664
0.5911	0.6265	0.6721	0.7290	0.7677
0.8030	0.8362	0.8666	0.9011	0.9318
0.9418	0.9535	0.9716	0.9780	1.0000

Transect C31

Area:

0.0001	0.0014	0.0046	0.0093	0.0151
0.0213	0.0280	0.0353	0.0432	0.0516
0.0603	0.0692	0.0784	0.0879	0.0979
0.1085	0.1200	0.1325	0.1458	0.1597
0.1744	0.1900	0.2062	0.2228	0.2401
0.2582	0.2773	0.2984	0.3214	0.3462
0.3721	0.3995	0.4288	0.4587	0.4889
0.5196	0.5507	0.5823	0.6145	0.6475
0.6811	0.7153	0.7499	0.7849	0.8201
0.8555	0.8911	0.9271	0.9633	1.0000

Hrad:

0.0168	0.0240	0.0429	0.0696	0.0952
0.1271	0.1571	0.1771	0.2042	0.2337
0.2632	0.2923	0.3210	0.3510	0.3808
0.4065	0.4271	0.4486	0.4706	0.4921
0.4967	0.5220	0.5475	0.5733	0.5982
0.6220	0.6442	0.6614	0.6772	0.6920
0.7076	0.7128	0.6800	0.7028	0.7264
0.7505	0.7751	0.7963	0.8047	0.8323
0.8593	0.8864	0.9134	0.9198	0.9489
0.9771	1.0036	1.0301	1.0573	1.0000

Width:

0.0114	0.0585	0.1117	0.1425	0.1629
0.1744	0.1864	0.2081	0.2217	0.2310
0.2381	0.2453	0.2525	0.2597	0.2781
0.2993	0.3255	0.3483	0.3671	0.3855
0.4213	0.4293	0.4430	0.4564	0.4779
0.5021	0.5357	0.6008	0.6480	0.6871
0.7159	0.7737	0.8014	0.8128	0.8241
0.8354	0.8462	0.8630	0.8790	0.9046
0.9170	0.9294	0.9418	0.9499	0.9541
0.9599	0.9685	0.9770	0.9846	1.0000

Transect C32

Area:

0.0005	0.0017	0.0044	0.0079	0.0123
0.0186	0.0266	0.0359	0.0462	0.0580
0.0725	0.0886	0.1062	0.1257	0.1467
0.1684	0.1905	0.2125	0.2347	0.2568
0.2790	0.3013	0.3236	0.3459	0.3683
0.3908	0.4133	0.4362	0.4594	0.4831
0.5072	0.5315	0.5564	0.5815	0.6067
0.6320	0.6574	0.6829	0.7084	0.7340
0.7596	0.7853	0.8113	0.8374	0.8638
0.8903	0.9171	0.9444	0.9720	1.0000

Hrad:

0.0190	0.0309	0.0403	0.0598	0.0724
0.0819	0.0964	0.1074	0.1315	0.1522
0.1671	0.1800	0.1774	0.1829	0.2009
0.2266	0.2449	0.2727	0.3005	0.3282
0.3559	0.3836	0.4110	0.4381	0.4652
0.4922	0.5175	0.5347	0.5598	0.5814
0.5963	0.6223	0.6477	0.6534	0.6794
0.7057	0.7319	0.7582	0.7851	0.8118
0.8386	0.8651	0.8913	0.9172	0.9429
0.9684	0.9935	1.0175	1.0383	1.0000

Width:

0.0248	0.0696	0.1134	0.1385	0.1815
0.2521	0.3090	0.3466	0.3844	0.4780
0.5438	0.5900	0.6628	0.7206	0.7609
0.7738	0.7804	0.7818	0.7832	0.7847
0.7861	0.7876	0.7893	0.7914	0.7935
0.7956	0.8004	0.8174	0.8264	0.8481
0.8519	0.8716	0.8850	0.8911	0.8942
0.8967	0.8993	0.9015	0.9031	0.9047
0.9064	0.9141	0.9226	0.9279	0.9332
0.9431	0.9529	0.9730	0.9834	1.0000

Transect C33

Area:

0.0011	0.0038	0.0090	0.0174	0.0294
0.0426	0.0571	0.0723	0.0878	0.1036
0.1197	0.1364	0.1540	0.1728	0.1927
0.2145	0.2368	0.2592	0.2816	0.3041
0.3266	0.3491	0.3716	0.3942	0.4167
0.4393	0.4620	0.4846	0.5072	0.5299
0.5526	0.5753	0.5981	0.6210	0.6440
0.6671	0.6902	0.7134	0.7367	0.7600

0.7835 0.8070 0.8306 0.8543 0.8781
0.9020 0.9261 0.9504 0.9750 1.0000
Hrad:
0.0133 0.0311 0.0419 0.0489 0.0601
0.0812 0.0980 0.1211 0.1443 0.1674
0.1898 0.2078 0.2191 0.2367 0.2471
0.2675 0.2719 0.2973 0.3227 0.3480
0.3733 0.3986 0.4239 0.4491 0.4743
0.4996 0.5248 0.5501 0.5753 0.6005
0.6256 0.6507 0.6757 0.7006 0.7254
0.7501 0.7747 0.7988 0.8228 0.8467
0.8705 0.8942 0.9179 0.9413 0.9636
0.9857 1.0077 1.0268 1.0425 1.0000
Width:
0.0817 0.1379 0.2574 0.4135 0.4925
0.5411 0.5865 0.6007 0.6124 0.6241
0.6413 0.6702 0.7181 0.7462 0.8446
0.8639 0.8764 0.8773 0.8782 0.8792
0.8801 0.8810 0.8820 0.8829 0.8838
0.8846 0.8853 0.8861 0.8868 0.8875
0.8883 0.8903 0.8940 0.8978 0.9010
0.9036 0.9062 0.9093 0.9125 0.9156
0.9188 0.9220 0.9252 0.9285 0.9340
0.9397 0.9456 0.9553 0.9686 1.0000

Transect C36
Area:
0.0001 0.0005 0.0018 0.0036 0.0057
0.0083 0.0117 0.0166 0.0225 0.0292
0.0373 0.0472 0.0579 0.0696 0.0829
0.0980 0.1150 0.1330 0.1520 0.1718
0.1926 0.2144 0.2372 0.2611 0.2861
0.3118 0.3384 0.3653 0.3926 0.4201
0.4477 0.4757 0.5038 0.5322 0.5607
0.5893 0.6180 0.6468 0.6757 0.7048
0.7339 0.7631 0.7925 0.8220 0.8515
0.8810 0.9106 0.9403 0.9701 1.0000
Hrad:
0.0150 0.0229 0.0377 0.0557 0.0759
0.0928 0.0955 0.1098 0.1225 0.1353
0.1407 0.1509 0.1702 0.1883 0.2047
0.2134 0.2260 0.2451 0.2656 0.2851
0.3039 0.3221 0.3336 0.3508 0.3660
0.3875 0.4054 0.4302 0.4551 0.4805
0.5061 0.5316 0.5572 0.5752 0.6021
0.6298 0.6574 0.6847 0.7120 0.7393
0.7664 0.7935 0.8205 0.8432 0.8715
0.8997 0.9279 0.9547 0.9793 1.0000
Width:
0.0064 0.0319 0.0508 0.0654 0.0760
0.0968 0.1413 0.1798 0.2116 0.2378
0.3047 0.3456 0.3745 0.4125 0.4676
0.5369 0.5887 0.6173 0.6468 0.6764
0.7093 0.7435 0.7772 0.8144 0.8483
0.8706 0.8951 0.9037 0.9124 0.9198
0.9275 0.9353 0.9425 0.9488 0.9527
0.9557 0.9587 0.9623 0.9660 0.9697

0.9735	0.9772	0.9810	0.9834	0.9850
0.9865	0.9881	0.9908	0.9954	1.0000

Transect C37

Area:

0.0010	0.0038	0.0073	0.0112	0.0159
0.0213	0.0275	0.0362	0.0486	0.0628
0.0780	0.0936	0.1097	0.1264	0.1434
0.1612	0.1795	0.1982	0.2172	0.2366
0.2571	0.2788	0.3007	0.3230	0.3458
0.3692	0.3930	0.4173	0.4425	0.4678
0.4933	0.5189	0.5446	0.5704	0.5963
0.6223	0.6484	0.6747	0.7011	0.7275
0.7542	0.7809	0.8079	0.8349	0.8621
0.8894	0.9169	0.9445	0.9722	1.0000

Hrad:

0.0163	0.0335	0.0544	0.0756	0.0847
0.1044	0.1208	0.1228	0.1134	0.1175
0.1414	0.1655	0.1860	0.2103	0.2311
0.2481	0.2709	0.2935	0.3165	0.3378
0.3487	0.3563	0.3794	0.4025	0.4158
0.4370	0.4589	0.4666	0.4882	0.5138
0.5393	0.5650	0.5906	0.6161	0.6408
0.6655	0.6908	0.7160	0.7406	0.7647
0.7882	0.8114	0.8352	0.8590	0.8830
0.9070	0.9304	0.9537	0.9769	1.0000

Width:

0.0702	0.1141	0.1339	0.1487	0.1873
0.2038	0.2575	0.3788	0.4932	0.5350
0.5516	0.5657	0.5900	0.6007	0.6204
0.6498	0.6628	0.6754	0.6864	0.7112
0.7668	0.7824	0.7927	0.8025	0.8318
0.8450	0.8564	0.8944	0.9064	0.9106
0.9148	0.9185	0.9220	0.9257	0.9305
0.9351	0.9387	0.9423	0.9466	0.9514
0.9568	0.9625	0.9673	0.9721	0.9764
0.9807	0.9855	0.9903	0.9952	1.0000

Transect C39

Area:

0.0001	0.0004	0.0009	0.0016	0.0025
0.0035	0.0046	0.0059	0.0072	0.0087
0.0103	0.0120	0.0138	0.0157	0.0177
0.0199	0.0222	0.0248	0.0279	0.0318
0.0364	0.0416	0.0472	0.0539	0.0624
0.0740	0.0889	0.1070	0.1283	0.1534
0.1812	0.2113	0.2442	0.2798	0.3170
0.3558	0.3963	0.4388	0.4834	0.5288
0.5748	0.6212	0.6679	0.7147	0.7617
0.8089	0.8562	0.9039	0.9518	1.0000

Hrad:

0.0243	0.0485	0.0728	0.0997	0.1306
0.1598	0.1879	0.2153	0.2421	0.2737
0.3056	0.3368	0.3672	0.3965	0.4081
0.4218	0.4370	0.4310	0.4396	0.4555
0.4661	0.4776	0.4908	0.4880	0.4809
0.4446	0.3369	0.3212	0.3433	0.3634

0.3864 0.4109 0.4294 0.4549 0.4815
0.5105 0.5299 0.5486 0.5540 0.5733
0.6150 0.6561 0.7011 0.7467 0.7922
0.8377 0.8808 0.9226 0.9610 1.0000

Width:

0.0042 0.0084 0.0126 0.0164 0.0191
0.0218 0.0245 0.0272 0.0299 0.0319
0.0338 0.0357 0.0376 0.0395 0.0433
0.0471 0.0509 0.0577 0.0691 0.0880
0.1023 0.1114 0.1205 0.1545 0.2044
0.2729 0.3423 0.4053 0.4859 0.5481
0.5967 0.6471 0.7169 0.7497 0.7872
0.8165 0.8535 0.9099 0.9272 0.9451
0.9535 0.9616 0.9654 0.9684 0.9715
0.9746 0.9800 0.9866 0.9906 1.0000

Transect C4

Area:

0.0007 0.0020 0.0042 0.0069 0.0101
0.0138 0.0180 0.0225 0.0273 0.0324
0.0384 0.0456 0.0544 0.0651 0.0777
0.0909 0.1045 0.1189 0.1342 0.1499
0.1660 0.1826 0.1999 0.2178 0.2366
0.2569 0.2787 0.3025 0.3282 0.3558
0.3841 0.4130 0.4427 0.4732 0.5043
0.5358 0.5675 0.5994 0.6315 0.6638
0.6962 0.7289 0.7617 0.7949 0.8282
0.8620 0.8960 0.9302 0.9648 1.0000

Hrad:

0.0213 0.0431 0.0573 0.0826 0.1018
0.1215 0.1440 0.1685 0.1921 0.2115
0.2225 0.2364 0.2467 0.2065 0.2108
0.2355 0.2641 0.2915 0.3179 0.3447
0.3720 0.3985 0.4238 0.4468 0.4532
0.4489 0.4726 0.4770 0.4959 0.4656
0.4905 0.5151 0.5371 0.5608 0.5737
0.6046 0.6355 0.6665 0.6978 0.7290
0.7602 0.7913 0.8204 0.8490 0.8749
0.9016 0.9310 0.9602 0.9786 1.0000

Width:

0.0308 0.0463 0.0720 0.0825 0.0974
0.1118 0.1229 0.1313 0.1397 0.1506
0.1853 0.2175 0.2785 0.3425 0.3620
0.3789 0.3914 0.4209 0.4374 0.4491
0.4591 0.4808 0.4950 0.5120 0.5476
0.5973 0.6391 0.7028 0.7523 0.7897
0.8057 0.8236 0.8495 0.8695 0.8831
0.8898 0.8963 0.9021 0.9075 0.9128
0.9177 0.9226 0.9296 0.9367 0.9464
0.9552 0.9612 0.9672 0.9847 1.0000

Transect C40

Area:

0.0011 0.0026 0.0043 0.0064 0.0087
0.0115 0.0146 0.0183 0.0227 0.0272
0.0321 0.0372 0.0428 0.0486 0.0546
0.0611 0.0682 0.0762 0.0846 0.0935

0.1028 0.1123 0.1221 0.1321 0.1427
0.1549 0.1688 0.1844 0.2014 0.2201
0.2403 0.2636 0.2914 0.3226 0.3567
0.3939 0.4334 0.4743 0.5159 0.5580
0.6006 0.6437 0.6872 0.7311 0.7753
0.8198 0.8645 0.9094 0.9546 1.0000

Hrad:

0.0347 0.0716 0.1048 0.1320 0.1564
0.1745 0.2043 0.1988 0.2308 0.2635
0.2953 0.3139 0.3441 0.3730 0.4005
0.3993 0.4231 0.4185 0.4478 0.4665
0.4983 0.5302 0.5616 0.5925 0.6211
0.6409 0.5755 0.5234 0.5443 0.5282
0.5515 0.5286 0.5141 0.5405 0.5484
0.5178 0.5045 0.5320 0.5728 0.6131
0.6515 0.6919 0.7324 0.7729 0.8154
0.8576 0.8997 0.9417 0.9835 1.0000

Width:

0.0305 0.0359 0.0413 0.0482 0.0557
0.0660 0.0717 0.0921 0.0982 0.1034
0.1086 0.1186 0.1243 0.1302 0.1364
0.1530 0.1613 0.1821 0.1891 0.2005
0.2063 0.2119 0.2174 0.2230 0.2532
0.2831 0.3300 0.3624 0.3899 0.4273
0.4744 0.5532 0.6581 0.7142 0.7802
0.8516 0.8817 0.9103 0.9178 0.9291
0.9426 0.9522 0.9600 0.9678 0.9732
0.9787 0.9841 0.9896 0.9951 1.0000

Transect C41

Area:

0.0000 0.0002 0.0004 0.0008 0.0012
0.0017 0.0023 0.0030 0.0039 0.0047
0.0057 0.0067 0.0078 0.0090 0.0102
0.0115 0.0129 0.0143 0.0158 0.0173
0.0189 0.0205 0.0222 0.0248 0.0297
0.0381 0.0505 0.0658 0.0842 0.1055
0.1307 0.1602 0.1932 0.2299 0.2688
0.3088 0.3502 0.3928 0.4366 0.4822
0.5288 0.5766 0.6265 0.6775 0.7299
0.7830 0.8369 0.8910 0.9453 1.0000

Hrad:

0.0274 0.0548 0.0821 0.1095 0.1369
0.1643 0.1917 0.2191 0.2481 0.2817
0.3144 0.3464 0.3778 0.4087 0.4410
0.4751 0.5087 0.5417 0.5742 0.6064
0.6382 0.6697 0.7009 0.6952 0.6262
0.5339 0.4551 0.4164 0.3936 0.3777
0.3769 0.3305 0.3554 0.3389 0.3848
0.4311 0.4643 0.5110 0.5524 0.5952
0.6421 0.6824 0.7278 0.7729 0.8182
0.8645 0.8574 0.9101 0.9599 1.0000

Width:

0.0017 0.0035 0.0052 0.0069 0.0087
0.0104 0.0121 0.0139 0.0155 0.0168
0.0181 0.0194 0.0206 0.0219 0.0231
0.0242 0.0252 0.0263 0.0274 0.0284

0.0295 0.0305 0.0316 0.0655 0.1198
0.1890 0.2529 0.3121 0.3592 0.4206
0.4934 0.5750 0.6347 0.6981 0.7191
0.7398 0.7670 0.7849 0.8150 0.8414
0.8589 0.8895 0.9206 0.9435 0.9612
0.9714 0.9842 0.9872 0.9932 1.0000

Transect C43
Area:
0.0002 0.0010 0.0021 0.0034 0.0052
0.0078 0.0107 0.0147 0.0198 0.0265
0.0334 0.0405 0.0478 0.0556 0.0642
0.0735 0.0834 0.0941 0.1060 0.1187
0.1319 0.1454 0.1594 0.1740 0.1898
0.2075 0.2262 0.2458 0.2663 0.2875
0.3093 0.3321 0.3565 0.3832 0.4126
0.4448 0.4795 0.5157 0.5527 0.5904
0.6288 0.6677 0.7071 0.7472 0.7878
0.8290 0.8709 0.9134 0.9566 1.0000
Hrad:
0.0218 0.0445 0.0755 0.1037 0.0970
0.1253 0.1483 0.1414 0.1645 0.1683
0.2080 0.2471 0.2849 0.3209 0.3542
0.3809 0.3845 0.4122 0.4201 0.4487
0.4801 0.5119 0.5428 0.5722 0.5962
0.6094 0.6352 0.6602 0.6847 0.7002
0.7270 0.7489 0.7668 0.7769 0.7850
0.7957 0.7815 0.7881 0.7965 0.8202
0.7848 0.8201 0.8526 0.8841 0.9162
0.9482 0.9772 1.0080 1.0209 1.0000
Width:
0.0113 0.0222 0.0274 0.0325 0.0542
0.0623 0.0780 0.1040 0.1391 0.1578
0.1610 0.1643 0.1728 0.1855 0.2082
0.2191 0.2403 0.2503 0.2875 0.2984
0.3068 0.3143 0.3286 0.3457 0.3827
0.4220 0.4408 0.4606 0.4806 0.4952
0.5086 0.5366 0.5876 0.6487 0.7016
0.7777 0.8166 0.8440 0.8595 0.8728
0.8928 0.8980 0.9151 0.9283 0.9405
0.9529 0.9714 0.9830 0.9971 1.0000

Transect C44
Area:
0.0005 0.0026 0.0070 0.0145 0.0235
0.0331 0.0438 0.0556 0.0685 0.0820
0.0963 0.1119 0.1288 0.1465 0.1657
0.1855 0.2058 0.2264 0.2471 0.2680
0.2891 0.3104 0.3319 0.3537 0.3757
0.3981 0.4207 0.4435 0.4666 0.4899
0.5135 0.5373 0.5616 0.5862 0.6109
0.6357 0.6606 0.6855 0.7107 0.7361
0.7615 0.7871 0.8127 0.8385 0.8643
0.8904 0.9171 0.9443 0.9720 1.0000
Hrad:
0.0195 0.0236 0.0388 0.0521 0.0734
0.0973 0.1187 0.1392 0.1600 0.1812

0.2015 0.2198 0.2382 0.2560 0.2712
0.2904 0.3126 0.3356 0.3589 0.3824
0.4061 0.4296 0.4528 0.4745 0.4970
0.5187 0.5407 0.5626 0.5843 0.6060
0.6268 0.6472 0.6636 0.6715 0.6982
0.7249 0.7499 0.7745 0.7954 0.8209
0.8462 0.8713 0.8964 0.9213 0.9454
0.9608 0.9655 0.9805 0.9960 1.0000

Width:

0.0313 0.1220 0.2085 0.3036 0.3280
0.3561 0.3957 0.4461 0.4653 0.4938
0.5204 0.5852 0.6101 0.6520 0.6918
0.7154 0.7237 0.7306 0.7371 0.7435
0.7496 0.7570 0.7652 0.7775 0.7863
0.7954 0.8039 0.8123 0.8210 0.8297
0.8400 0.8508 0.8666 0.8743 0.8762
0.8781 0.8821 0.8867 0.8963 0.8995
0.9030 0.9065 0.9100 0.9137 0.9180
0.9304 0.9580 0.9714 0.9846 1.0000

Transect C45

Area:

0.0008 0.0026 0.0055 0.0088 0.0127
0.0175 0.0229 0.0294 0.0379 0.0479
0.0587 0.0697 0.0814 0.0940 0.1070
0.1204 0.1342 0.1484 0.1634 0.1796
0.1966 0.2147 0.2338 0.2539 0.2750
0.2976 0.3228 0.3484 0.3744 0.4008
0.4274 0.4541 0.4811 0.5083 0.5358
0.5639 0.5922 0.6208 0.6499 0.6800
0.7105 0.7414 0.7726 0.8041 0.8359
0.8680 0.9004 0.9334 0.9666 1.0000

Hrad:

0.0233 0.0321 0.0592 0.0850 0.0993
0.1186 0.1400 0.1547 0.1480 0.1552
0.1821 0.2100 0.2249 0.2488 0.2741
0.2998 0.3247 0.3484 0.3693 0.3873
0.4049 0.4225 0.4366 0.4533 0.4661
0.4672 0.4280 0.4553 0.4829 0.5112
0.5406 0.5702 0.5996 0.6269 0.6506
0.6739 0.7008 0.7272 0.7472 0.7537
0.7791 0.8056 0.8296 0.8540 0.8808
0.9068 0.9258 0.9488 0.9774 1.0000

Width:

0.0354 0.0802 0.0932 0.1044 0.1286
0.1501 0.1738 0.2155 0.2776 0.3103
0.3235 0.3335 0.3635 0.3792 0.3919
0.4033 0.4150 0.4277 0.4642 0.4937
0.5191 0.5495 0.5825 0.6090 0.6460
0.7089 0.7555 0.7664 0.7763 0.7848
0.7912 0.7969 0.8026 0.8108 0.8235
0.8365 0.8446 0.8531 0.8819 0.9012
0.9109 0.9191 0.9298 0.9400 0.9472
0.9552 0.9704 0.9815 0.9864 1.0000

Transect C46

Area:

0.0001 0.0003 0.0007 0.0012 0.0021
0.0033 0.0054 0.0082 0.0116 0.0154
0.0195 0.0239 0.0286 0.0338 0.0395
0.0456 0.0522 0.0601 0.0698 0.0803
0.0920 0.1050 0.1186 0.1337 0.1513
0.1749 0.2020 0.2302 0.2586 0.2878
0.3176 0.3476 0.3779 0.4091 0.4412
0.4746 0.5084 0.5445 0.5812 0.6181
0.6550 0.6921 0.7292 0.7671 0.8053
0.8437 0.8823 0.9210 0.9599 1.0000

Hrad:

0.0202 0.0404 0.0606 0.0808 0.0842
0.0659 0.0949 0.1052 0.1286 0.1583
0.1861 0.2142 0.2333 0.2484 0.2705
0.2897 0.3025 0.2764 0.2940 0.3089
0.3312 0.3509 0.3770 0.3939 0.4074
0.3666 0.2952 0.3335 0.3710 0.4042
0.4283 0.4661 0.5034 0.5221 0.5558
0.5724 0.6081 0.6014 0.6391 0.6772
0.7158 0.7542 0.7897 0.8134 0.8490
0.8863 0.9234 0.9601 0.9909 1.0000

Width:

0.0038 0.0076 0.0114 0.0152 0.0240
0.0488 0.0562 0.0770 0.0891 0.0960
0.1033 0.1098 0.1208 0.1341 0.1437
0.1552 0.1701 0.2237 0.2465 0.2706
0.3000 0.3260 0.3438 0.3859 0.5331
0.6211 0.6838 0.6892 0.7000 0.7185
0.7310 0.7352 0.7448 0.7725 0.8058
0.8174 0.8503 0.8927 0.8967 0.8998
0.9022 0.9047 0.9105 0.9298 0.9352
0.9386 0.9420 0.9457 0.9559 1.0000

Transect C48

Area:

0.0002 0.0007 0.0019 0.0046 0.0101
0.0192 0.0307 0.0446 0.0604 0.0782
0.0970 0.1164 0.1363 0.1564 0.1769
0.1981 0.2199 0.2420 0.2642 0.2867
0.3093 0.3320 0.3550 0.3781 0.4013
0.4246 0.4479 0.4712 0.4946 0.5181
0.5416 0.5651 0.5887 0.6123 0.6360
0.6598 0.6836 0.7075 0.7314 0.7555
0.7796 0.8037 0.8280 0.8523 0.8767
0.9012 0.9257 0.9504 0.9751 1.0000

Hrad:

0.0126 0.0233 0.0367 0.0398 0.0452
0.0503 0.0651 0.0823 0.0974 0.1096
0.1323 0.1511 0.1725 0.1961 0.2185
0.2397 0.2570 0.2801 0.3031 0.3259
0.3484 0.3708 0.3931 0.4154 0.4390
0.4632 0.4874 0.5115 0.5356 0.5597
0.5838 0.6078 0.6316 0.6553 0.6791
0.7027 0.7264 0.7498 0.7731 0.7963
0.8195 0.8427 0.8658 0.8885 0.9112
0.9339 0.9563 0.9786 1.0008 1.0000

Width:

0.0127 0.0362 0.0594 0.1640 0.2823
0.4209 0.5142 0.5927 0.6785 0.7404
0.7605 0.7881 0.7980 0.8044 0.8326
0.8575 0.8788 0.8858 0.8928 0.8994
0.9062 0.9129 0.9196 0.9261 0.9283
0.9301 0.9319 0.9337 0.9354 0.9372
0.9390 0.9408 0.9431 0.9454 0.9477
0.9500 0.9523 0.9549 0.9581 0.9612
0.9644 0.9671 0.9698 0.9728 0.9759
0.9789 0.9823 0.9858 0.9895 1.0000

Transect C49
Area:
0.0002 0.0013 0.0034 0.0061 0.0093
0.0127 0.0162 0.0199 0.0238 0.0282
0.0336 0.0399 0.0472 0.0557 0.0666
0.0803 0.0967 0.1153 0.1360 0.1579
0.1805 0.2036 0.2272 0.2512 0.2758
0.3013 0.3276 0.3543 0.3814 0.4086
0.4360 0.4636 0.4914 0.5197 0.5486
0.5777 0.6071 0.6367 0.6666 0.6965
0.7265 0.7566 0.7868 0.8171 0.8474
0.8777 0.9082 0.9387 0.9693 1.0000
Hrad:
0.0154 0.0242 0.0471 0.0627 0.0886
0.1145 0.1407 0.1663 0.1768 0.1947
0.2106 0.2251 0.2348 0.2388 0.2413
0.2464 0.2434 0.2494 0.2116 0.2379
0.2639 0.2897 0.3156 0.3413 0.3654
0.3856 0.4106 0.4219 0.4379 0.4664
0.4947 0.5229 0.5510 0.5742 0.6026
0.6309 0.6587 0.6863 0.7140 0.7418
0.7696 0.7975 0.8219 0.8510 0.8801
0.9086 0.9366 0.9644 0.9923 1.0000
Width:
0.0133 0.0566 0.0760 0.0990 0.1070
0.1135 0.1174 0.1213 0.1356 0.1562
0.1907 0.2196 0.2536 0.3088 0.4000
0.4914 0.5706 0.6517 0.6987 0.7241
0.7430 0.7598 0.7753 0.7904 0.8117
0.8469 0.8628 0.8770 0.8831 0.8884
0.8942 0.9000 0.9094 0.9357 0.9438
0.9509 0.9599 0.9677 0.9711 0.9746
0.9781 0.9816 0.9833 0.9849 0.9865
0.9887 0.9915 0.9943 0.9972 1.0000

Transect C50
Area:
0.0006 0.0018 0.0031 0.0056 0.0082
0.0110 0.0139 0.0169 0.0200 0.0232
0.0266 0.0301 0.0342 0.0394 0.0450
0.0509 0.0574 0.0645 0.0718 0.0796
0.0878 0.0972 0.1084 0.1216 0.1361
0.1523 0.1710 0.1934 0.2189 0.2455
0.2731 0.3026 0.3338 0.3670 0.4008
0.4354 0.4707 0.5065 0.5428 0.5797
0.6175 0.6565 0.6979 0.7398 0.7821

0.8251 0.8683 0.9118 0.9556 1.0000

Hrad:

0.0300 0.0644 0.0848 0.0982 0.1345
0.1728 0.2100 0.2461 0.2812 0.3150
0.3450 0.3743 0.3052 0.3277 0.3528
0.3666 0.3757 0.3996 0.4254 0.4467
0.4601 0.4443 0.4494 0.3984 0.3914
0.4011 0.3945 0.3476 0.3770 0.4050
0.4325 0.4505 0.4638 0.4918 0.5234
0.5593 0.5925 0.6285 0.6642 0.6971
0.7193 0.7537 0.7485 0.7865 0.8176
0.8562 0.8953 0.9340 0.9661 1.0000

Width:

0.0216 0.0275 0.0415 0.0568 0.0611
0.0636 0.0661 0.0686 0.0711 0.0737
0.0770 0.0803 0.1122 0.1203 0.1274
0.1388 0.1529 0.1613 0.1689 0.1782
0.1966 0.2190 0.2755 0.3059 0.3486
0.3807 0.4489 0.5585 0.5830 0.6086
0.6340 0.6744 0.7236 0.7490 0.7685
0.7809 0.7966 0.8079 0.8192 0.8333
0.8600 0.9096 0.9339 0.9419 0.9578
0.9645 0.9704 0.9766 0.9893 1.0000

Transect C51

Area:

0.0002 0.0009 0.0024 0.0064 0.0113
0.0164 0.0216 0.0271 0.0327 0.0385
0.0445 0.0509 0.0574 0.0641 0.0710
0.0785 0.0886 0.1016 0.1160 0.1315
0.1483 0.1712 0.1949 0.2190 0.2437
0.2691 0.2947 0.3205 0.3465 0.3731
0.4004 0.4280 0.4559 0.4843 0.5140
0.5446 0.5753 0.6062 0.6372 0.6684
0.6998 0.7319 0.7642 0.7968 0.8295
0.8626 0.8962 0.9302 0.9647 1.0000

Hrad:

0.0177 0.0381 0.0315 0.0477 0.0800
0.1117 0.1428 0.1732 0.2034 0.2330
0.2531 0.2798 0.3068 0.3337 0.3585
0.3799 0.3863 0.3777 0.3257 0.3416
0.2852 0.2661 0.2981 0.3295 0.3548
0.3737 0.4061 0.4392 0.4700 0.4868
0.5164 0.5476 0.5781 0.5895 0.5997
0.6299 0.6621 0.6944 0.7267 0.7564
0.7838 0.8039 0.8352 0.8661 0.8929
0.9175 0.9415 0.9625 0.9819 1.0000

Width:

0.0121 0.0223 0.0799 0.1340 0.1408
0.1464 0.1516 0.1564 0.1609 0.1652
0.1759 0.1817 0.1870 0.1921 0.1980
0.2450 0.3362 0.3908 0.4245 0.4475
0.5590 0.6658 0.6744 0.6849 0.7115
0.7200 0.7256 0.7297 0.7372 0.7664
0.7754 0.7816 0.7885 0.8215 0.8571
0.8645 0.8689 0.8729 0.8767 0.8836
0.8928 0.9104 0.9150 0.9199 0.9290

0.9402 0.9518 0.9664 0.9825 1.0000

Transect C52
Area:
0.0005 0.0017 0.0033 0.0053 0.0078
0.0107 0.0144 0.0195 0.0257 0.0332
0.0414 0.0505 0.0603 0.0708 0.0827
0.0959 0.1105 0.1264 0.1436 0.1619
0.1815 0.2022 0.2244 0.2479 0.2726
0.2982 0.3247 0.3515 0.3785 0.4056
0.4330 0.4608 0.4888 0.5172 0.5458
0.5748 0.6040 0.6335 0.6630 0.6928
0.7228 0.7530 0.7835 0.8142 0.8449
0.8757 0.9066 0.9376 0.9687 1.0000
Hrad:
0.0159 0.0377 0.0595 0.0787 0.0969
0.1132 0.1204 0.1340 0.1468 0.1600
0.1766 0.1814 0.2023 0.2221 0.2303
0.2493 0.2685 0.2860 0.3026 0.3197
0.3349 0.3515 0.3665 0.3600 0.3650
0.3781 0.3971 0.4103 0.4412 0.4719
0.5022 0.5322 0.5619 0.5912 0.6190
0.6467 0.6668 0.6761 0.7068 0.7372
0.7674 0.7973 0.8268 0.8564 0.8860
0.9155 0.9451 0.9745 1.0012 1.0000
Width:
0.0294 0.0460 0.0574 0.0708 0.0849
0.1021 0.1448 0.1754 0.2249 0.2503
0.2735 0.3029 0.3223 0.3504 0.4003
0.4429 0.4826 0.5294 0.5664 0.6012
0.6418 0.6791 0.7290 0.7655 0.8034
0.8268 0.8472 0.8574 0.8601 0.8670
0.8810 0.8856 0.8963 0.9060 0.9161
0.9262 0.9334 0.9373 0.9433 0.9508
0.9567 0.9680 0.9732 0.9757 0.9783
0.9809 0.9835 0.9868 0.9930 1.0000

Transect C53
Area:
0.0005 0.0019 0.0039 0.0065 0.0103
0.0144 0.0187 0.0231 0.0277 0.0325
0.0373 0.0426 0.0488 0.0558 0.0639
0.0732 0.0852 0.0993 0.1151 0.1332
0.1532 0.1750 0.1982 0.2228 0.2487
0.2755 0.3027 0.3306 0.3591 0.3884
0.4182 0.4481 0.4780 0.5081 0.5382
0.5683 0.5986 0.6289 0.6593 0.6898
0.7203 0.7510 0.7817 0.8126 0.8437
0.8749 0.9062 0.9374 0.9687 1.0000
Hrad:
0.0204 0.0316 0.0564 0.0738 0.0866
0.1125 0.1382 0.1635 0.1891 0.2151
0.2406 0.2633 0.2800 0.2938 0.3033
0.3053 0.2874 0.2868 0.2935 0.3020
0.3125 0.3234 0.3301 0.3384 0.3296
0.3528 0.3792 0.4052 0.4308 0.4558
0.4709 0.4990 0.5272 0.5557 0.5842

0.6129 0.6416 0.6703 0.6991 0.7279
0.7562 0.7840 0.8109 0.8376 0.8642
0.8778 0.9084 0.9389 0.9695 1.0000
Width:
0.0250 0.0595 0.0693 0.1013 0.1291
0.1342 0.1394 0.1447 0.1494 0.1534
0.1574 0.1808 0.2120 0.2378 0.2721
0.3357 0.4262 0.4745 0.5471 0.6030
0.6717 0.7202 0.7593 0.8087 0.8467
0.8617 0.8821 0.8985 0.9223 0.9469
0.9527 0.9553 0.9579 0.9602 0.9625
0.9648 0.9671 0.9694 0.9717 0.9741
0.9769 0.9801 0.9849 0.9899 0.9949
0.9971 0.9978 0.9986 0.9993 1.0000

Transect C55
Area:
0.0001 0.0004 0.0009 0.0014 0.0020
0.0032 0.0057 0.0091 0.0147 0.0209
0.0274 0.0341 0.0411 0.0486 0.0584
0.0695 0.0830 0.0980 0.1139 0.1308
0.1487 0.1688 0.1942 0.2198 0.2455
0.2714 0.2979 0.3246 0.3515 0.3786
0.4060 0.4336 0.4616 0.4904 0.5196
0.5491 0.5790 0.6091 0.6394 0.6701
0.7013 0.7331 0.7651 0.7974 0.8300
0.8631 0.8966 0.9305 0.9650 1.0000
Hrad:
0.0176 0.0395 0.0650 0.0882 0.1099
0.1024 0.0921 0.0881 0.0845 0.1156
0.1463 0.1761 0.2045 0.2297 0.2446
0.2588 0.2291 0.2484 0.2669 0.2864
0.2859 0.2346 0.2682 0.3017 0.3351
0.3639 0.3944 0.4264 0.4588 0.4892
0.5201 0.5488 0.5689 0.5965 0.6224
0.6513 0.6798 0.7093 0.7401 0.7612
0.7808 0.8086 0.8387 0.8654 0.8895
0.9133 0.9370 0.9606 0.9755 1.0000
Width:
0.0065 0.0112 0.0134 0.0157 0.0179
0.0542 0.0825 0.1196 0.1736 0.1809
0.1872 0.1936 0.2006 0.2503 0.2949
0.3539 0.4157 0.4388 0.4674 0.4927
0.5199 0.7194 0.7240 0.7284 0.7324
0.7457 0.7552 0.7611 0.7660 0.7738
0.7805 0.7900 0.8114 0.8221 0.8348
0.8432 0.8516 0.8587 0.8640 0.8802
0.8981 0.9066 0.9122 0.9213 0.9331
0.9450 0.9568 0.9686 0.9892 1.0000

Transect C57
Area:
0.0003 0.0007 0.0012 0.0018 0.0025
0.0033 0.0046 0.0060 0.0076 0.0097
0.0127 0.0159 0.0196 0.0243 0.0307
0.0392 0.0492 0.0622 0.0772 0.0934
0.1106 0.1290 0.1484 0.1689 0.1906

0.2133 0.2365 0.2604 0.2849 0.3105
0.3371 0.3647 0.3933 0.4240 0.4565
0.4902 0.5247 0.5596 0.5949 0.6306
0.6665 0.7027 0.7392 0.7758 0.8126
0.8496 0.8868 0.9243 0.9620 1.0000

Hrad:

0.0300 0.0586 0.0840 0.1076 0.1302
0.1268 0.1324 0.1506 0.1690 0.1824
0.1951 0.2122 0.2292 0.2370 0.1802
0.2017 0.2138 0.2177 0.2343 0.2556
0.2765 0.3020 0.3270 0.3522 0.3770
0.3937 0.4221 0.4504 0.4639 0.4938
0.5226 0.5397 0.5695 0.5862 0.6065
0.6133 0.5880 0.6199 0.6516 0.6719
0.7059 0.7397 0.7734 0.8065 0.8405
0.8745 0.9075 0.9388 0.9695 1.0000

Width:

0.0099 0.0123 0.0147 0.0171 0.0195
0.0264 0.0344 0.0397 0.0449 0.0740
0.0812 0.0891 0.1060 0.1402 0.1973
0.2388 0.2993 0.3669 0.4113 0.4377
0.4701 0.4951 0.5215 0.5547 0.5830
0.6018 0.6172 0.6327 0.6554 0.6854
0.7098 0.7345 0.7714 0.8352 0.8669
0.8980 0.9088 0.9182 0.9296 0.9402
0.9457 0.9512 0.9567 0.9626 0.9674
0.9719 0.9774 0.9846 0.9923 1.0000

Transect C58

Area:

0.0001 0.0006 0.0017 0.0034 0.0055
0.0078 0.0104 0.0133 0.0164 0.0198
0.0244 0.0324 0.0440 0.0578 0.0723
0.0879 0.1047 0.1226 0.1420 0.1621
0.1826 0.2033 0.2242 0.2457 0.2676
0.2900 0.3127 0.3361 0.3603 0.3849
0.4102 0.4359 0.4622 0.4890 0.5165
0.5447 0.5731 0.6017 0.6305 0.6596
0.6892 0.7202 0.7524 0.7855 0.8193
0.8540 0.8897 0.9257 0.9622 1.0000

Hrad:

0.0193 0.0371 0.0518 0.0729 0.0955
0.1219 0.1480 0.1724 0.1932 0.2145
0.2230 0.1972 0.2025 0.2140 0.2339
0.2431 0.2685 0.2898 0.3061 0.3351
0.3647 0.3961 0.4276 0.4587 0.4899
0.5208 0.5513 0.5799 0.6078 0.6332
0.6585 0.6845 0.7090 0.7332 0.7532
0.7771 0.8110 0.8448 0.8781 0.9098
0.9400 0.9519 0.9783 1.0049 1.0300
1.0347 0.9537 0.9868 1.0185 1.0000

Width:

0.0076 0.0198 0.0384 0.0486 0.0581
0.0649 0.0710 0.0773 0.0850 0.0926
0.1530 0.2751 0.3337 0.3695 0.3893
0.4281 0.4461 0.4883 0.5181 0.5273
0.5363 0.5419 0.5500 0.5659 0.5763

0.5867 0.5997 0.6200 0.6362 0.6490
0.6631 0.6762 0.6917 0.7075 0.7262
0.7370 0.7420 0.7469 0.7522 0.7625
0.7817 0.8275 0.8513 0.8697 0.8898
0.9269 0.9330 0.9434 0.9634 1.0000

Transect C6
Area:
0.0003 0.0009 0.0022 0.0044 0.0081
0.0131 0.0206 0.0316 0.0458 0.0626
0.0806 0.0997 0.1198 0.1407 0.1621
0.1840 0.2064 0.2291 0.2521 0.2752
0.2984 0.3217 0.3450 0.3685 0.3920
0.4156 0.4393 0.4630 0.4869 0.5108
0.5347 0.5587 0.5827 0.6069 0.6310
0.6552 0.6795 0.7038 0.7281 0.7526
0.7770 0.8016 0.8262 0.8508 0.8755
0.9003 0.9251 0.9500 0.9749 1.0000
Hrad:
0.0170 0.0296 0.0366 0.0408 0.0538
0.0665 0.0724 0.0748 0.0840 0.1002
0.1139 0.1342 0.1541 0.1764 0.1985
0.2187 0.2408 0.2621 0.2751 0.2992
0.3233 0.3473 0.3712 0.3952 0.4190
0.4427 0.4664 0.4903 0.5144 0.5385
0.5625 0.5865 0.6104 0.6343 0.6582
0.6820 0.7058 0.7295 0.7531 0.7765
0.7999 0.8233 0.8467 0.8700 0.8933
0.9165 0.9397 0.9629 0.9838 1.0000
Width:
0.0169 0.0334 0.0682 0.1170 0.1735
0.2323 0.3612 0.5025 0.6311 0.6923
0.7338 0.7777 0.8124 0.8389 0.8583
0.8805 0.8926 0.9093 0.9141 0.9174
0.9207 0.9239 0.9272 0.9302 0.9337
0.9373 0.9410 0.9438 0.9460 0.9481
0.9502 0.9523 0.9544 0.9565 0.9585
0.9606 0.9626 0.9646 0.9669 0.9692
0.9715 0.9738 0.9759 0.9781 0.9803
0.9825 0.9847 0.9869 0.9912 1.0000

Transect C60
Area:
0.0001 0.0005 0.0012 0.0020 0.0031
0.0042 0.0054 0.0067 0.0081 0.0096
0.0111 0.0127 0.0145 0.0163 0.0183
0.0211 0.0258 0.0322 0.0397 0.0478
0.0568 0.0670 0.0784 0.0915 0.1060
0.1221 0.1403 0.1610 0.1849 0.2106
0.2385 0.2675 0.2973 0.3274 0.3579
0.3896 0.4222 0.4555 0.4904 0.5287
0.5688 0.6115 0.6557 0.7018 0.7496
0.7986 0.8480 0.8978 0.9482 1.0000
Hrad:
0.0263 0.0526 0.0789 0.1103 0.1498
0.1889 0.2267 0.2631 0.2982 0.3324
0.3657 0.3982 0.4271 0.4550 0.4814

0.4848 0.4578 0.4193 0.4050 0.4036
0.4159 0.4307 0.4451 0.4528 0.4617
0.4670 0.4771 0.4689 0.4164 0.4381
0.4509 0.4815 0.5263 0.5739 0.6179
0.6551 0.6839 0.7328 0.7787 0.8187
0.8563 0.8892 0.9223 0.8768 0.8948
0.8804 0.9262 0.9689 1.0108 1.0000

Width:

0.0049 0.0098 0.0147 0.0186 0.0205
0.0222 0.0239 0.0255 0.0271 0.0288
0.0304 0.0320 0.0339 0.0359 0.0421
0.0745 0.0995 0.1394 0.1462 0.1637
0.1827 0.2012 0.2315 0.2652 0.2890
0.3226 0.3663 0.4292 0.4700 0.5120
0.5389 0.5648 0.5703 0.5760 0.5880
0.6163 0.6246 0.6424 0.7020 0.7476
0.7918 0.8276 0.8564 0.8891 0.9234
0.9376 0.9448 0.9543 0.9672 1.0000

Transect C62

Area:

0.0002 0.0009 0.0021 0.0039 0.0061
0.0087 0.0115 0.0153 0.0199 0.0247
0.0295 0.0345 0.0396 0.0448 0.0501
0.0555 0.0610 0.0668 0.0733 0.0807
0.0886 0.0974 0.1073 0.1182 0.1302
0.1434 0.1575 0.1721 0.1880 0.2058
0.2274 0.2534 0.2832 0.3153 0.3487
0.3830 0.4186 0.4603 0.5027 0.5453
0.5882 0.6314 0.6750 0.7191 0.7639
0.8096 0.8561 0.9032 0.9510 1.0000

Hrad:

0.0248 0.0495 0.0736 0.0925 0.1266
0.1630 0.1926 0.2080 0.2102 0.2541
0.2972 0.3394 0.3808 0.4218 0.4640
0.5007 0.5326 0.5640 0.5085 0.5224
0.5406 0.5506 0.5597 0.5630 0.5648
0.5650 0.5915 0.6208 0.6458 0.6640
0.6497 0.4798 0.5052 0.4861 0.5220
0.5527 0.5834 0.5408 0.5873 0.6329
0.6781 0.7228 0.7655 0.8044 0.8398
0.8754 0.9139 0.9532 0.9901 1.0000

Width:

0.0092 0.0184 0.0279 0.0411 0.0476
0.0520 0.0647 0.0886 0.0929 0.0951
0.0973 0.0995 0.1017 0.1039 0.1055
0.1083 0.1120 0.1157 0.1410 0.1512
0.1619 0.1860 0.2061 0.2265 0.2477
0.2709 0.2831 0.3028 0.3260 0.3909
0.4739 0.5457 0.6230 0.6485 0.6713
0.6923 0.7136 0.8373 0.8418 0.8471
0.8527 0.8587 0.8666 0.8793 0.8967
0.9141 0.9273 0.9388 0.9527 1.0000

Transect C64

Area:

0.0009 0.0021 0.0036 0.0056 0.0090

0.0137 0.0201 0.0278 0.0359 0.0442
0.0527 0.0615 0.0706 0.0799 0.0894
0.0992 0.1094 0.1217 0.1363 0.1522
0.1695 0.1879 0.2070 0.2266 0.2468
0.2679 0.2903 0.3136 0.3375 0.3616
0.3859 0.4105 0.4354 0.4614 0.4886
0.5180 0.5482 0.5792 0.6105 0.6423
0.6746 0.7076 0.7417 0.7763 0.8114
0.8476 0.8850 0.9230 0.9613 1.0000

Hrad:

0.0300 0.0579 0.0828 0.0869 0.1009
0.1148 0.1102 0.1335 0.1669 0.1994
0.2310 0.2601 0.2910 0.3222 0.3513
0.3799 0.4001 0.4093 0.4164 0.4305
0.4458 0.4601 0.4761 0.4975 0.5178
0.5381 0.5210 0.5445 0.5319 0.5654
0.5984 0.6311 0.6615 0.6914 0.6794
0.7099 0.7399 0.7694 0.7969 0.8228
0.8469 0.8680 0.8946 0.9219 0.9476
0.8926 0.9037 0.9376 0.9706 1.0000

Width:

0.0280 0.0352 0.0424 0.0736 0.1004
0.1416 0.1873 0.2029 0.2091 0.2155
0.2219 0.2300 0.2359 0.2412 0.2476
0.2540 0.2781 0.3542 0.3894 0.4237
0.4615 0.4817 0.4967 0.5096 0.5319
0.5478 0.5916 0.6052 0.6166 0.6214
0.6266 0.6318 0.6512 0.6822 0.7322
0.7656 0.7885 0.7989 0.8095 0.8222
0.8367 0.8567 0.8824 0.8942 0.9125
0.9419 0.9705 0.9778 0.9868 1.0000

Transect C65

Area:

0.0004 0.0011 0.0019 0.0028 0.0039
0.0050 0.0063 0.0078 0.0096 0.0116
0.0140 0.0168 0.0201 0.0238 0.0282
0.0327 0.0377 0.0438 0.0510 0.0588
0.0673 0.0767 0.0957 0.1229 0.1514
0.1810 0.2116 0.2427 0.2741 0.3062
0.3391 0.3722 0.4054 0.4388 0.4723
0.5059 0.5397 0.5737 0.6080 0.6424
0.6771 0.7120 0.7470 0.7823 0.8177
0.8533 0.8891 0.9254 0.9623 1.0000

Hrad:

0.0263 0.0561 0.0832 0.1082 0.1324
0.1571 0.1819 0.2039 0.2201 0.2376
0.2535 0.2649 0.2657 0.2421 0.2674
0.2915 0.3139 0.3275 0.3373 0.3478
0.3595 0.3617 0.3156 0.2934 0.2044
0.2387 0.2657 0.3023 0.3374 0.3680
0.4031 0.4400 0.4764 0.5128 0.5490
0.5848 0.6203 0.6547 0.6884 0.7230
0.7574 0.7918 0.8261 0.8603 0.8936
0.9265 0.9576 0.9818 1.0051 1.0000

Width:

0.0153 0.0191 0.0225 0.0259 0.0292

0.0321 0.0348 0.0422 0.0506 0.0564
0.0697 0.0790 0.0911 0.1060 0.1161
0.1223 0.1405 0.1775 0.1955 0.2112
0.2312 0.2903 0.6858 0.7287 0.7564
0.7847 0.8055 0.8119 0.8233 0.8515
0.8615 0.8635 0.8669 0.8703 0.8738
0.8780 0.8824 0.8886 0.8957 0.9006
0.9056 0.9103 0.9150 0.9196 0.9250
0.9306 0.9378 0.9531 0.9691 1.0000

Transect C66
Area:
0.0004 0.0016 0.0038 0.0069 0.0106
0.0146 0.0188 0.0233 0.0281 0.0334
0.0395 0.0461 0.0532 0.0621 0.0722
0.0826 0.0934 0.1047 0.1165 0.1285
0.1408 0.1534 0.1664 0.1802 0.1944
0.2092 0.2251 0.2415 0.2582 0.2754
0.2932 0.3126 0.3340 0.3568 0.3825
0.4137 0.4493 0.4866 0.5249 0.5639
0.6037 0.6441 0.6854 0.7280 0.7716
0.8159 0.8610 0.9064 0.9524 1.0000
Hrad:
0.0219 0.0497 0.0583 0.0872 0.1206
0.1555 0.1902 0.2210 0.2427 0.2561
0.2717 0.2993 0.3220 0.3183 0.3081
0.3414 0.3685 0.3973 0.4298 0.4628
0.4960 0.5259 0.5361 0.5638 0.5884
0.5991 0.6082 0.6388 0.6689 0.6969
0.6875 0.7077 0.7303 0.7540 0.7667
0.6778 0.6032 0.6093 0.6432 0.6782
0.7131 0.7448 0.7738 0.8051 0.8386
0.8723 0.9076 0.9426 0.9768 1.0000
Width:
0.0180 0.0283 0.0581 0.0714 0.0790
0.0843 0.0888 0.0946 0.1040 0.1172
0.1307 0.1384 0.1605 0.1996 0.2103
0.2172 0.2277 0.2368 0.2433 0.2493
0.2549 0.2619 0.2787 0.2870 0.2967
0.3136 0.3324 0.3395 0.3467 0.3548
0.3830 0.4178 0.4543 0.4848 0.5789
0.6996 0.7506 0.7767 0.7938 0.8078
0.8207 0.8364 0.8582 0.8864 0.9012
0.9195 0.9273 0.9347 0.9589 1.0000

Transect C67
Area:
0.0004 0.0012 0.0023 0.0038 0.0057
0.0079 0.0114 0.0161 0.0222 0.0307
0.0404 0.0525 0.0672 0.0836 0.1012
0.1197 0.1393 0.1607 0.1832 0.2062
0.2294 0.2529 0.2765 0.3002 0.3241
0.3479 0.3719 0.3960 0.4203 0.4450
0.4699 0.4950 0.5202 0.5455 0.5711
0.5969 0.6227 0.6489 0.6760 0.7034
0.7310 0.7589 0.7871 0.8156 0.8446
0.8743 0.9047 0.9360 0.9679 1.0000

Hrad:

0.0184	0.0394	0.0577	0.0748	0.0924
0.1062	0.0983	0.1028	0.1198	0.1177
0.1423	0.1590	0.1471	0.1648	0.1881
0.2070	0.2238	0.2329	0.2591	0.2891
0.3180	0.3474	0.3784	0.4092	0.4402
0.4712	0.5016	0.5303	0.5553	0.5807
0.6091	0.6380	0.6667	0.6945	0.7199
0.7485	0.7794	0.8098	0.8387	0.8673
0.8952	0.9227	0.9501	0.9747	0.9984
1.0219	1.0197	1.0370	1.0602	1.0000

Width:

0.0204	0.0304	0.0407	0.0513	0.0612
0.0911	0.1229	0.1572	0.2262	0.2842
0.3242	0.4222	0.4856	0.5264	0.5568
0.5872	0.6273	0.6906	0.7077	0.7139
0.7222	0.7287	0.7316	0.7345	0.7368
0.7392	0.7421	0.7474	0.7577	0.7671
0.7723	0.7767	0.7810	0.7863	0.7941
0.7982	0.7998	0.8213	0.8432	0.8497
0.8585	0.8671	0.8734	0.8894	0.9033
0.9314	0.9474	0.9789	0.9877	1.0000

Transect C68

Area:

0.0012	0.0031	0.0055	0.0083	0.0115
0.0149	0.0187	0.0226	0.0268	0.0314
0.0364	0.0420	0.0484	0.0556	0.0632
0.0714	0.0802	0.0896	0.0997	0.1111
0.1256	0.1409	0.1568	0.1732	0.1901
0.2076	0.2264	0.2461	0.2667	0.2882
0.3106	0.3341	0.3589	0.3848	0.4122
0.4420	0.4729	0.5048	0.5376	0.5718
0.6072	0.6458	0.6886	0.7320	0.7756
0.8195	0.8637	0.9085	0.9539	1.0000

Hrad:

0.0349	0.0657	0.0959	0.1275	0.1601
0.1925	0.2257	0.2582	0.2819	0.3040
0.3198	0.3282	0.3261	0.3490	0.3662
0.3929	0.4093	0.4245	0.4409	0.4412
0.3855	0.4175	0.4497	0.4828	0.5174
0.5492	0.5781	0.6069	0.6331	0.6579
0.6837	0.7053	0.7260	0.7449	0.7401
0.6709	0.6961	0.7264	0.7614	0.7943
0.8244	0.8454	0.7367	0.7800	0.8219
0.8620	0.9020	0.9321	0.9674	1.0000

Width:

0.0336	0.0462	0.0565	0.0647	0.0712
0.0770	0.0820	0.0869	0.0944	0.1026
0.1130	0.1271	0.1474	0.1580	0.1713
0.1804	0.1943	0.2094	0.2244	0.2767
0.3233	0.3350	0.3461	0.3561	0.3646
0.3924	0.4126	0.4303	0.4509	0.4709
0.4904	0.5176	0.5437	0.5683	0.6090
0.6538	0.6743	0.6898	0.7154	0.7461
0.7819	0.8720	0.9278	0.9314	0.9366
0.9436	0.9504	0.9675	0.9787	1.0000

Transect C69

Area:

0.0008	0.0026	0.0060	0.0105	0.0155
0.0210	0.0270	0.0334	0.0402	0.0476
0.0555	0.0640	0.0732	0.0830	0.0934
0.1044	0.1161	0.1289	0.1425	0.1568
0.1719	0.1882	0.2048	0.2217	0.2390
0.2566	0.2745	0.2926	0.3111	0.3298
0.3488	0.3682	0.3880	0.4086	0.4329
0.4622	0.4950	0.5299	0.5672	0.6048
0.6426	0.6808	0.7194	0.7582	0.7974
0.8371	0.8771	0.9174	0.9581	1.0000

Hrad:

0.0239	0.0529	0.0728	0.1023	0.1330
0.1630	0.1936	0.2232	0.2507	0.2759
0.2978	0.3213	0.3383	0.3595	0.3812
0.4010	0.4125	0.4227	0.4424	0.4622
0.4809	0.4962	0.5297	0.5616	0.5944
0.6269	0.6598	0.6923	0.7254	0.7579
0.7881	0.8152	0.8410	0.8636	0.8209
0.6523	0.6817	0.7046	0.6651	0.7049
0.7443	0.7836	0.8227	0.8615	0.8999
0.9380	0.9760	1.0137	1.0498	1.0000

Width:

0.0330	0.0576	0.0951	0.1096	0.1218
0.1332	0.1431	0.1530	0.1639	0.1761
0.1905	0.2034	0.2202	0.2338	0.2473
0.2622	0.2826	0.3057	0.3228	0.3401
0.3584	0.3801	0.3874	0.3956	0.4029
0.4101	0.4168	0.4236	0.4297	0.4360
0.4435	0.4526	0.4623	0.5102	0.6023
0.7136	0.7876	0.8521	0.8650	0.8723
0.8798	0.8869	0.8939	0.9026	0.9125
0.9212	0.9289	0.9365	0.9467	1.0000

Transect C7

Area:

0.0001	0.0005	0.0011	0.0018	0.0025
0.0033	0.0042	0.0051	0.0061	0.0072
0.0083	0.0096	0.0108	0.0122	0.0136
0.0151	0.0170	0.0196	0.0229	0.0266
0.0304	0.0349	0.0406	0.0487	0.0589
0.0697	0.0814	0.0950	0.1114	0.1321
0.1575	0.1875	0.2195	0.2535	0.2896
0.3276	0.3677	0.4093	0.4522	0.4974
0.5440	0.5913	0.6396	0.6891	0.7392
0.7902	0.8420	0.8940	0.9465	1.0000

Hrad:

0.0270	0.0541	0.0935	0.1356	0.1750
0.2123	0.2481	0.2825	0.3160	0.3486
0.3806	0.4119	0.4429	0.4734	0.5035
0.5273	0.5376	0.5315	0.5217	0.5221
0.5301	0.5362	0.5311	0.5054	0.4828
0.4803	0.4855	0.4839	0.4044	0.4269
0.4408	0.4561	0.4778	0.4979	0.5177
0.4794	0.5057	0.5355	0.5805	0.5968

0.6466 0.6958 0.7081 0.7489 0.7939
0.8296 0.8791 0.9283 0.9770 1.0000
Width:
0.0047 0.0093 0.0117 0.0129 0.0142
0.0155 0.0167 0.0180 0.0193 0.0205
0.0218 0.0231 0.0243 0.0256 0.0269
0.0285 0.0417 0.0548 0.0651 0.0695
0.0738 0.0941 0.1178 0.1766 0.1935
0.2054 0.2318 0.2743 0.3374 0.4262
0.5219 0.5726 0.6038 0.6506 0.6806
0.7214 0.7539 0.7799 0.8176 0.8555
0.8660 0.8802 0.9031 0.9201 0.9311
0.9525 0.9578 0.9630 0.9786 1.0000

Transect C70
Area:
0.0002 0.0009 0.0019 0.0033 0.0053
0.0076 0.0102 0.0131 0.0170 0.0242
0.0333 0.0452 0.0588 0.0747 0.0928
0.1125 0.1326 0.1532 0.1740 0.1949
0.2160 0.2379 0.2604 0.2832 0.3061
0.3292 0.3524 0.3759 0.3995 0.4233
0.4472 0.4713 0.4956 0.5201 0.5447
0.5696 0.5949 0.6204 0.6460 0.6719
0.6979 0.7255 0.7559 0.7876 0.8203
0.8540 0.8884 0.9238 0.9612 1.0000
Hrad:
0.0208 0.0427 0.0644 0.0784 0.0987
0.1228 0.1504 0.1768 0.1737 0.1373
0.1584 0.1570 0.1728 0.1782 0.2102
0.2342 0.2692 0.2997 0.3380 0.3761
0.4127 0.4295 0.4654 0.5017 0.5381
0.5746 0.6100 0.6436 0.6805 0.7172
0.7520 0.7861 0.8193 0.8544 0.8885
0.9152 0.9447 0.9783 1.0107 1.0436
1.0761 1.0734 1.0932 1.1140 1.1360
1.1496 1.1681 1.1885 1.2015 1.0000
Width:
0.0112 0.0206 0.0294 0.0424 0.0536
0.0622 0.0684 0.0745 0.1556 0.2011
0.2558 0.3188 0.3576 0.4254 0.4758
0.4936 0.5051 0.5136 0.5169 0.5203
0.5252 0.5559 0.5614 0.5661 0.5704
0.5742 0.5789 0.5852 0.5881 0.5911
0.5954 0.6002 0.6054 0.6091 0.6133
0.6225 0.6297 0.6340 0.6389 0.6434
0.6511 0.7130 0.7785 0.7958 0.8217
0.8454 0.8607 0.9010 0.9397 1.0000

Transect C71
Area:
0.0002 0.0008 0.0016 0.0028 0.0045
0.0066 0.0089 0.0117 0.0162 0.0232
0.0322 0.0446 0.0590 0.0747 0.0916
0.1112 0.1315 0.1519 0.1724 0.1932
0.2148 0.2370 0.2596 0.2823 0.3052
0.3283 0.3515 0.3749 0.3985 0.4223

0.4462 0.4703 0.4948 0.5194 0.5443
0.5693 0.5946 0.6201 0.6457 0.6716
0.6979 0.7262 0.7569 0.7885 0.8216
0.8554 0.8897 0.9246 0.9616 1.0000

Hrad:

0.0195 0.0410 0.0529 0.0660 0.0833
0.1041 0.1165 0.1392 0.1385 0.1122
0.1133 0.1307 0.1350 0.1660 0.1936
0.1901 0.2237 0.2567 0.2893 0.3205
0.3412 0.3651 0.3960 0.4275 0.4588
0.4898 0.5197 0.5501 0.5807 0.6114
0.6416 0.6696 0.6937 0.7230 0.7519
0.7800 0.8072 0.8355 0.8640 0.8921
0.9020 0.9206 0.9409 0.9556 0.9694
0.9881 1.0080 1.0223 1.0366 1.0000

Width:

0.0105 0.0163 0.0257 0.0373 0.0472
0.0548 0.0666 0.0759 0.1543 0.1917
0.2687 0.3334 0.3881 0.4010 0.4618
0.5084 0.5109 0.5141 0.5177 0.5321
0.5466 0.5635 0.5689 0.5730 0.5771
0.5812 0.5865 0.5908 0.5948 0.5985
0.6024 0.6083 0.6176 0.6220 0.6266
0.6317 0.6374 0.6420 0.6464 0.6510
0.6907 0.7359 0.7878 0.8039 0.8433
0.8552 0.8641 0.9016 0.9449 1.0000

Transect C73

Area:

0.0000 0.0001 0.0003 0.0005 0.0008
0.0011 0.0016 0.0020 0.0026 0.0046
0.0093 0.0170 0.0265 0.0377 0.0498
0.0633 0.0779 0.0930 0.1095 0.1275
0.1467 0.1680 0.1914 0.2165 0.2426
0.2691 0.2966 0.3245 0.3528 0.3813
0.4099 0.4387 0.4676 0.4969 0.5264
0.5562 0.5862 0.6162 0.6464 0.6769
0.7081 0.7395 0.7713 0.8035 0.8360
0.8686 0.9013 0.9341 0.9670 1.0000

Hrad:

0.0166 0.0332 0.0498 0.0664 0.0830
0.0995 0.1182 0.1451 0.1579 0.1230
0.0916 0.0922 0.1072 0.1248 0.1502
0.1677 0.1816 0.2073 0.2343 0.2594
0.2839 0.3057 0.3182 0.3372 0.3513
0.3760 0.3943 0.4209 0.4131 0.4439
0.4752 0.5071 0.5388 0.5699 0.5889
0.6194 0.6505 0.6819 0.7098 0.7399
0.7523 0.7822 0.8125 0.8429 0.8537
0.8852 0.9167 0.9472 0.9767 1.0000

Width:

0.0019 0.0038 0.0057 0.0076 0.0095
0.0114 0.0131 0.0137 0.0324 0.0899
0.1997 0.2582 0.3194 0.3485 0.3828
0.4278 0.4438 0.4641 0.5205 0.5590
0.6000 0.6810 0.7221 0.7759 0.7920
0.8063 0.8340 0.8456 0.8540 0.8589

0.8626 0.8650 0.8753 0.8833 0.8939
0.8980 0.9010 0.9037 0.9106 0.9292
0.9414 0.9454 0.9631 0.9730 0.9793
0.9812 0.9832 0.9862 0.9900 1.0000

Transect C74
Area:
0.0002 0.0008 0.0016 0.0025 0.0036
0.0048 0.0063 0.0078 0.0094 0.0112
0.0130 0.0150 0.0171 0.0193 0.0227
0.0281 0.0364 0.0463 0.0585 0.0731
0.0888 0.1056 0.1236 0.1427 0.1635
0.1860 0.2101 0.2362 0.2634 0.2930
0.3236 0.3549 0.3867 0.4197 0.4533
0.4874 0.5221 0.5570 0.5921 0.6273
0.6628 0.6985 0.7347 0.7712 0.8084
0.8460 0.8837 0.9218 0.9606 1.0000
Hrad:
0.0199 0.0489 0.0749 0.0997 0.1225
0.1421 0.1668 0.1938 0.2199 0.2452
0.2700 0.2941 0.3178 0.3203 0.2217
0.1539 0.1716 0.1711 0.1670 0.1912
0.2177 0.2404 0.2654 0.2856 0.2992
0.3137 0.3418 0.3519 0.3769 0.3851
0.4139 0.4484 0.4709 0.4996 0.5329
0.5603 0.5954 0.6317 0.6681 0.7042
0.7383 0.7699 0.8022 0.8286 0.8553
0.8902 0.9257 0.9488 0.9704 1.0000
Width:
0.0123 0.0171 0.0213 0.0252 0.0292
0.0340 0.0375 0.0401 0.0428 0.0454
0.0481 0.0507 0.0534 0.0599 0.1025
0.1918 0.2278 0.2715 0.3518 0.3838
0.4095 0.4411 0.4676 0.5020 0.5491
0.5959 0.6176 0.6745 0.7024 0.7644
0.7855 0.7949 0.8245 0.8433 0.8537
0.8726 0.8795 0.8840 0.8883 0.8927
0.8993 0.9088 0.9171 0.9318 0.9461
0.9510 0.9551 0.9719 0.9901 1.0000

Transect C75
Area:
0.0001 0.0003 0.0006 0.0010 0.0016
0.0022 0.0029 0.0037 0.0046 0.0055
0.0065 0.0076 0.0096 0.0140 0.0209
0.0293 0.0385 0.0502 0.0634 0.0774
0.0920 0.1073 0.1239 0.1431 0.1641
0.1872 0.2120 0.2388 0.2671 0.2979
0.3304 0.3634 0.3967 0.4302 0.4639
0.4980 0.5326 0.5677 0.6030 0.6384
0.6740 0.7097 0.7455 0.7814 0.8175
0.8537 0.8901 0.9265 0.9631 1.0000
Hrad:
0.0184 0.0368 0.0552 0.0736 0.0964
0.1221 0.1466 0.1673 0.1862 0.2051
0.2238 0.2270 0.1747 0.1463 0.0970
0.1225 0.1464 0.1476 0.1723 0.2019

0.2295 0.2542 0.2751 0.2878 0.2832
0.2893 0.3090 0.3239 0.3378 0.3487
0.3743 0.4089 0.4426 0.4769 0.5098
0.5397 0.5692 0.6000 0.6341 0.6688
0.7035 0.7381 0.7726 0.8069 0.8404
0.8740 0.9077 0.9423 0.9766 1.0000

Width:

0.0035 0.0069 0.0104 0.0138 0.0164
0.0181 0.0197 0.0218 0.0241 0.0264
0.0286 0.0332 0.0909 0.1447 0.2160
0.2398 0.2726 0.3416 0.3693 0.3846
0.4024 0.4239 0.4814 0.5529 0.5837
0.6500 0.6927 0.7405 0.7945 0.8584
0.8869 0.8926 0.8998 0.9054 0.9131
0.9260 0.9387 0.9489 0.9535 0.9569
0.9602 0.9634 0.9665 0.9698 0.9739
0.9777 0.9812 0.9837 0.9894 1.0000

Transect C76

Area:

0.0001 0.0003 0.0006 0.0011 0.0017
0.0025 0.0033 0.0044 0.0055 0.0068
0.0083 0.0098 0.0113 0.0130 0.0146
0.0164 0.0181 0.0200 0.0226 0.0287
0.0363 0.0446 0.0538 0.0641 0.0749
0.0860 0.0972 0.1088 0.1221 0.1365
0.1519 0.1693 0.1901 0.2158 0.2453
0.2781 0.3157 0.3572 0.4008 0.4470
0.4951 0.5456 0.5978 0.6518 0.7072
0.7636 0.8214 0.8803 0.9401 1.0000

Hrad:

0.0286 0.0572 0.0858 0.1144 0.1430
0.1716 0.2002 0.2288 0.2574 0.2860
0.3190 0.3639 0.4077 0.4504 0.4922
0.5332 0.5734 0.6122 0.6223 0.5518
0.5100 0.4935 0.4860 0.4888 0.5074
0.5374 0.5718 0.6073 0.6323 0.6553
0.6780 0.6908 0.6283 0.6486 0.6632
0.6807 0.6900 0.7035 0.7256 0.7435
0.7687 0.7915 0.8142 0.7433 0.7888
0.8216 0.8578 0.8986 0.9492 1.0000

Width:

0.0023 0.0046 0.0068 0.0091 0.0114
0.0137 0.0159 0.0182 0.0205 0.0228
0.0247 0.0256 0.0265 0.0274 0.0283
0.0292 0.0301 0.0336 0.0630 0.1191
0.1327 0.1453 0.1631 0.1766 0.1827
0.1851 0.1889 0.2050 0.2310 0.2476
0.2706 0.3117 0.3872 0.4557 0.5215
0.5812 0.6661 0.7091 0.7491 0.7835
0.8224 0.8552 0.8840 0.9133 0.9313
0.9512 0.9724 0.9930 0.9965 1.0000

Transect C77

Area:

0.0001 0.0003 0.0006 0.0011 0.0016
0.0022 0.0028 0.0036 0.0044 0.0052

0.0062 0.0071 0.0082 0.0093 0.0105
0.0118 0.0131 0.0146 0.0167 0.0192
0.0221 0.0254 0.0290 0.0345 0.0415
0.0497 0.0591 0.0698 0.0820 0.0950
0.1089 0.1238 0.1402 0.1582 0.1776
0.2010 0.2283 0.2594 0.2980 0.3558
0.4177 0.4805 0.5442 0.6082 0.6725
0.7375 0.8029 0.8684 0.9341 1.0000

Hrad:

0.0328 0.0656 0.0984 0.1397 0.1848
0.2273 0.2678 0.3070 0.3456 0.3833
0.4204 0.4568 0.4929 0.5285 0.5638
0.5987 0.6320 0.6522 0.6553 0.6553
0.6559 0.6586 0.6597 0.6279 0.5878
0.5664 0.5633 0.5489 0.5450 0.5665
0.5923 0.5970 0.5634 0.5906 0.6406
0.6762 0.6535 0.6141 0.6094 0.6049
0.6231 0.6366 0.6714 0.7207 0.7719
0.7451 0.8091 0.8729 0.9365 1.0000

Width:

0.0020 0.0040 0.0061 0.0075 0.0085
0.0095 0.0105 0.0116 0.0125 0.0135
0.0145 0.0155 0.0165 0.0175 0.0185
0.0194 0.0205 0.0288 0.0348 0.0407
0.0464 0.0521 0.0662 0.0969 0.1134
0.1357 0.1495 0.1782 0.1920 0.2020
0.2169 0.2371 0.2608 0.2824 0.3157
0.3826 0.4420 0.4895 0.7415 0.9311
0.9482 0.9579 0.9679 0.9727 0.9785
0.9898 0.9922 0.9948 0.9974 1.0000

Transect C78

Area:

0.0001 0.0004 0.0010 0.0018 0.0027
0.0036 0.0047 0.0061 0.0084 0.0114
0.0148 0.0185 0.0227 0.0276 0.0333
0.0399 0.0473 0.0558 0.0650 0.0749
0.0859 0.0980 0.1118 0.1270 0.1443
0.1635 0.1844 0.2073 0.2316 0.2587
0.2871 0.3168 0.3477 0.3795 0.4130
0.4484 0.4853 0.5233 0.5620 0.6010
0.6401 0.6794 0.7188 0.7584 0.7981
0.8381 0.8783 0.9187 0.9592 1.0000

Hrad:

0.0205 0.0410 0.0616 0.0821 0.1183
0.1531 0.1853 0.2030 0.2003 0.2064
0.2222 0.2413 0.2595 0.2742 0.2862
0.2963 0.3063 0.3072 0.3240 0.3163
0.3307 0.3517 0.3743 0.3948 0.4079
0.4242 0.4361 0.4481 0.4587 0.4361
0.4619 0.4865 0.5127 0.5383 0.5610
0.5677 0.5864 0.5830 0.6007 0.6386
0.6764 0.7141 0.7517 0.7882 0.8244
0.8605 0.8965 0.9309 0.9693 1.0000

Width:

0.0054 0.0108 0.0162 0.0217 0.0227
0.0238 0.0285 0.0407 0.0716 0.0784

0.0851 0.0953 0.1117 0.1301 0.1485
0.1708 0.1935 0.2166 0.2305 0.2559
0.2766 0.3128 0.3531 0.3935 0.4506
0.4873 0.5403 0.5755 0.6217 0.6818
0.7076 0.7398 0.7654 0.7899 0.8403
0.8819 0.9177 0.9369 0.9486 0.9523
0.9559 0.9596 0.9634 0.9682 0.9733
0.9783 0.9834 0.9870 0.9897 1.0000

Transect C8
Area:
0.0002 0.0009 0.0019 0.0030 0.0043
0.0057 0.0072 0.0087 0.0102 0.0118
0.0134 0.0151 0.0168 0.0185 0.0203
0.0221 0.0240 0.0259 0.0315 0.0401
0.0502 0.0625 0.0769 0.0924 0.1089
0.1269 0.1456 0.1648 0.1856 0.2128
0.2482 0.2853 0.3234 0.3616 0.3999
0.4383 0.4769 0.5156 0.5545 0.5936
0.6330 0.6727 0.7125 0.7526 0.7929
0.8336 0.8745 0.9158 0.9575 1.0000
Hrad:
0.0220 0.0440 0.0749 0.1093 0.1415
0.1728 0.2086 0.2429 0.2758 0.3076
0.3383 0.3680 0.3970 0.4257 0.4536
0.4809 0.5075 0.5314 0.4756 0.4199
0.3837 0.3562 0.3499 0.3554 0.3610
0.3732 0.3951 0.4181 0.4352 0.3924
0.3994 0.4127 0.4101 0.4447 0.4807
0.5175 0.5549 0.5914 0.6273 0.6637
0.7002 0.7370 0.7750 0.8125 0.8497
0.8865 0.9219 0.9565 0.9871 1.0000
Width:
0.0099 0.0199 0.0254 0.0281 0.0307
0.0331 0.0341 0.0351 0.0360 0.0370
0.0379 0.0389 0.0398 0.0407 0.0416
0.0425 0.0433 0.0626 0.1832 0.2085
0.2567 0.3201 0.3461 0.3671 0.3996
0.4247 0.4361 0.4495 0.5377 0.7972
0.8385 0.8762 0.8801 0.8828 0.8856
0.8883 0.8914 0.8957 0.9009 0.9061
0.9118 0.9175 0.9224 0.9280 0.9342
0.9407 0.9487 0.9574 0.9705 1.0000

Transect C9
Area:
0.0001 0.0005 0.0009 0.0015 0.0022
0.0029 0.0038 0.0047 0.0056 0.0067
0.0078 0.0091 0.0131 0.0192 0.0266
0.0382 0.0567 0.0781 0.1009 0.1245
0.1487 0.1739 0.1999 0.2263 0.2540
0.2819 0.3100 0.3384 0.3676 0.3971
0.4267 0.4564 0.4862 0.5161 0.5460
0.5759 0.6059 0.6359 0.6660 0.6961
0.7263 0.7564 0.7867 0.8169 0.8472
0.8776 0.9080 0.9384 0.9690 1.0000
Hrad:

```
            0.0153     0.0359     0.0563     0.0749     0.0925
            0.1107     0.1308     0.1501     0.1687     0.1868
            0.2010     0.2069     0.1702     0.1458     0.1295
            0.0862     0.0933     0.1092     0.1331     0.1606
            0.1842     0.2087     0.2344     0.2591     0.2805
            0.3092     0.3383     0.3663     0.3846     0.4133
            0.4422     0.4711     0.5012     0.5312     0.5612
            0.5911     0.6210     0.6508     0.6806     0.7104
            0.7401     0.7699     0.7996     0.8292     0.8588
            0.8884     0.9178     0.9454     0.9730     1.0000
Width:
            0.0084     0.0132     0.0164     0.0195     0.0227
            0.0256     0.0277     0.0299     0.0321     0.0343
            0.0371     0.0767     0.1592     0.2176     0.2620
            0.5305     0.6616     0.7016     0.7440     0.7611
            0.7928     0.8183     0.8371     0.8577     0.8891
            0.8953     0.9000     0.9201     0.9384     0.9434
            0.9474     0.9512     0.9525     0.9539     0.9552
            0.9565     0.9579     0.9592     0.9606     0.9618
            0.9631     0.9644     0.9656     0.9669     0.9682
            0.9694     0.9708     0.9740     0.9772     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 .............. 04/13/2025 12:00:00
Antecedent Dry Days ...... 0.0
Report Time Step ......... 00:01:00
Wet Time Step ............ 00:01:00
Dry Time Step ............ 00:05:00
Routing Time Step ........ 1.00 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 ......         5.228        52.100
Evaporation Loss .........         0.000         0.000
Infiltration Loss ........         3.643        36.308
```

Surface Runoff	1.461	14.558
Final Storage	0.124	1.238
Continuity Error (%)	-0.006	

Flow Routing Continuity	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	1.461	14.608
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	1.430	14.300
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.146	1.457
Final Stored Volume	0.184	1.842
Continuity Error (%)	-0.483	

****
Highest Continuity Errors
****
Node Existing-Node-B4A1A5 (100.00%)
Node Existing-Node-C1B2B1A2 (-16.63%)
Node Existing-Node-C1B2B1A1 (10.34%)
Node Existing-Node-A1 (2.34%)
Node Existing-Node-C1B2B1B1 (-1.35%)

****
Time-Step Critical Elements
****
None

****
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 : 0.36 sec
Average Time Step : 1.00 sec
Maximum Time Step : 1.00 sec
% of Time in Steady State : 0.00

```
  Average Iterations per Step :     2.00
  % of Steps Not Converging   :     0.00
  Time Step Frequencies       :
      1.000 -  0.871 sec      :    99.84 %
      0.871 -  0.758 sec      :     0.13 %
      0.758 -  0.660 sec      :     0.04 %
      0.660 -  0.574 sec      :     0.00 %
      0.574 -  0.500 sec      :     0.00 %


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

  ---------------------------------------------------------------------------------------
---------------------------------------------
                             Total      Total      Total      Total     Imperv
Perv      Total       Total     Peak  Runoff
                          Precip      Runon       Evap      Infil     Runoff
Runoff     Runoff      Runoff   Runoff   Coeff
  Subcatchment                mm         mm         mm         mm         mm
mm         mm    10^6 ltr      CMS
  ---------------------------------------------------------------------------------------
---------------------------------------------
  PAD1001Link_1             52.10      14.10       0.00      38.64       2.60
23.69      26.30        0.10     0.01   0.397
  PAD1004Link               52.10       0.00       0.00      38.30       2.04
10.50      12.53        0.01     0.00   0.241
  PAD1005Link               52.10       0.00       0.00      38.43       2.04
10.36      12.40        0.07     0.01   0.238
  PAD1006Link_1             52.10       0.00       0.00      38.39       2.04
10.40      12.44        0.10     0.01   0.239
  PAD1006Link_2             52.10       0.00       0.00      38.23       2.04
10.57      12.61        0.02     0.00   0.242
  PAD1007Link_1             52.10       0.00       0.00      38.49       2.04
10.31      12.35        0.11     0.01   0.237
  PAD1007Link_2             52.10       0.00       0.00      38.26       2.04
10.54      12.58        0.05     0.01   0.241
  PAD1008Link_1             52.10       0.00       0.00      37.92       2.04
10.88      12.92        0.04     0.01   0.248
  PAD1009Link_2             52.10       0.00       0.00      37.94       2.04
10.87      12.90        0.01     0.00   0.248
  PAD1010Link               52.10       0.00       0.00      38.13       2.04
10.67      12.71        0.06     0.01   0.244
  PAD1011Link_1             52.10       0.00       0.00      38.31       2.04
10.49      12.53        0.13     0.01   0.240
  PAD1011Link_2             52.10       0.00       0.00      38.35       2.04
10.45      12.49        0.17     0.02   0.240
  PAD1102Link               52.10       0.00       0.00       0.00      50.95
0.00       50.95        0.26     0.09   0.978
  PAD1103Link               52.10       0.00       0.00       0.00      50.95
0.00       50.95        0.31     0.10   0.978
  PAD1104Link               52.10       0.00       0.00       0.00      50.95
0.00       50.95        0.12     0.04   0.978
  PAD1201Link               52.10       0.00       0.00      38.12       2.04
10.68      12.72        0.13     0.02   0.244
  PAD1202Link               52.10       0.00       0.00      38.25       2.04
10.56      12.59        0.21     0.02   0.242
  PAD1203Link               52.10       0.00       0.00      38.12       2.04
10.68      12.71        0.10     0.01   0.244
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PAD1204Link		52.10	0.00	0.00	38.11	2.04			
10.69	12.73	0.09	0.01	0.244					
PAD1205Link		52.10	0.00	0.00	38.09	2.04			
10.71	12.75	0.05	0.01	0.245					
PAD1206Link		52.10	0.00	0.00	37.77	2.04			
11.03	13.07	0.01	0.00	0.251					
PAD1207Link_1		52.10	0.00	0.00	38.51	2.04			
10.29	12.33	0.17	0.02	0.237					
PAD1207Link_2		52.10	0.00	0.00	38.17	2.04			
10.63	12.67	0.09	0.01	0.243					
PAD1208Link		52.10	0.00	0.00	38.45	2.04			
10.35	12.39	0.18	0.02	0.238					
PAD1209Link_1		52.10	0.00	0.00	38.30	2.04			
10.50	12.54	0.10	0.01	0.241					
PAD1209Link_2		52.10	0.00	0.00	38.14	2.04			
10.66	12.69	0.14	0.02	0.244					
PAD1301Link_1		52.10	0.00	0.00	38.37	2.04			
10.43	12.47	0.13	0.01	0.239					
PAD1301Link_2		52.10	0.00	0.00	38.33	2.04			
10.47	12.51	0.10	0.01	0.240					
PAD1401Link_1		52.10	0.00	0.00	38.25	2.04			
10.55	12.59	0.06	0.01	0.242					
PAD1401Link_2		52.10	2.06	0.00	38.18	2.12			
12.60	14.72	0.07	0.01	0.272					
PAD1501Link		52.10	0.00	0.00	38.19	2.04			
10.61	12.65	0.12	0.01	0.243					
PAD501		52.10	0.00	0.00	38.07	2.04			
10.73	12.77	0.08	0.01	0.245					
PAD502Link		52.10	0.00	0.00	38.05	2.04			
10.75	12.79	0.09	0.01	0.246					
PAD503Link		52.10	0.00	0.00	38.33	2.04			
10.47	12.51	0.05	0.01	0.240					
PAD504Link		52.10	0.00	0.00	38.49	2.04			
10.31	12.35	0.17	0.02	0.237					
PAD601Link		52.10	0.00	0.00	38.50	2.04			
10.30	12.34	0.31	0.03	0.237					
PAD602Link		52.10	0.00	0.00	37.92	2.04			
10.88	12.92	0.06	0.01	0.248					
PAD603Link_1		52.10	0.00	0.00	38.24	2.04			
10.56	12.60	0.16	0.02	0.242					
PAD603Link_2		52.10	0.00	0.00	38.17	2.04			
10.63	12.67	0.06	0.01	0.243					
PAD604Link_1		52.10	0.00	0.00	38.18	2.04			
10.62	12.66	0.13	0.02	0.243					
PAD604Link_2		52.10	0.00	0.00	38.82	2.04			
9.98	12.02	0.27	0.02	0.231					
PAD605Link		52.10	18.85	0.00	38.56	2.79			
28.33	31.13	0.16	0.01	0.439					
PAD613Link_1		52.10	0.00	0.00	0.00	50.99			
0.00	50.99	0.05	0.02	0.979					
PAD613Link_2		52.10	0.00	0.00	0.00	50.95			
0.00	50.95	0.22	0.08	0.978					
PAD614Link_1		52.10	0.00	0.00	0.00	50.95			
0.00	50.95	0.19	0.06	0.978					
PAD614Link_2		52.10	0.00	0.00	0.00	50.99			
0.00	50.99	0.02	0.01	0.979					
PAD614Link_3		52.10	0.00	0.00	7.09	38.73			
5.11	43.83	0.01	0.00	0.841					
PAD614Link_4		52.10	0.00	0.00	7.08	38.73			
5.13	43.86	0.05	0.02	0.842					

PAD615Link_1	52.10	0.00	0.00	0.00	50.95	0.00	50.95	0.22	0.07	0.978
PAD615Link_2	52.10	0.00	0.00	7.07	38.73	5.13	43.86	0.06	0.02	0.842
PAD615Link_3	52.10	0.00	0.00	7.08	38.73	5.13	43.86	0.07	0.03	0.842
PAD616Link	52.10	0.00	0.00	0.00	50.95	0.00	50.95	0.18	0.06	0.978
PAD701Link	52.10	0.00	0.00	37.93	2.04	10.87	12.91	0.08	0.02	0.248
PAD702Link	52.10	0.00	0.00	38.32	2.04	10.48	12.52	0.16	0.02	0.240
PAD703Link	52.10	0.00	0.00	38.11	2.04	10.69	12.73	0.13	0.02	0.244
PAD801Link	52.10	0.00	0.00	38.23	2.04	10.57	12.61	0.06	0.01	0.242
PAD802Link	52.10	0.00	0.00	38.71	2.04	10.09	12.13	0.13	0.01	0.233
PAD803Link	52.10	0.00	0.00	38.31	2.04	10.49	12.53	0.06	0.01	0.241
PAD804Link	52.10	0.00	0.00	38.16	2.04	10.64	12.68	0.09	0.01	0.243
PAD901Link_1	52.10	0.00	0.00	38.52	2.04	10.27	12.31	0.17	0.02	0.236
PAD901Link_2	52.10	0.00	0.00	38.25	2.04	10.55	12.59	0.10	0.01	0.242
PAD901Link_3	52.10	0.00	0.00	38.27	2.04	10.53	12.57	0.09	0.01	0.241
S1	52.10	0.00	0.00	38.25	2.04	10.55	12.59	0.15	0.02	0.242
S3	52.10	0.00	0.00	38.07	2.04	10.73	12.77	0.08	0.01	0.245
S4	52.10	0.00	0.00	38.31	2.04	10.49	12.52	0.25	0.03	0.240
S40	52.10	0.00	0.00	7.04	38.73	5.17	43.90	0.01	0.00	0.843
S41	52.10	0.00	0.00	7.04	38.73	5.17	43.90	0.01	0.00	0.843
S49_2	52.10	0.00	0.00	7.09	38.73	5.11	43.84	0.00	0.00	0.841
S5	52.10	5.49	0.00	36.56	2.26	17.51	19.77	0.04	0.01	0.343
S6	52.10	0.00	0.00	36.96	2.04	11.84	13.88	0.05	0.01	0.266
S7_1	52.10	0.00	0.00	0.00	51.88	0.00	51.88	0.02	0.01	0.996
S7_10	52.10	0.00	0.00	3.61	44.26	4.19	48.46	0.12	0.04	0.930
S7_11	52.10	0.00	0.00	3.61	44.26	4.19	48.46	0.09	0.03	0.930
S7_12	52.10	0.00	0.00	3.61	44.26	4.19	48.46	0.08	0.03	0.930
S7_2	52.10	0.00	0.00	0.00	51.88	0.00	51.88	0.02	0.01	0.996
S7_3	52.10	0.00	0.00	0.00	51.88	0.00	51.88	0.02	0.01	0.996
S7_5	52.10	0.00	0.00	0.00	51.88	0.00	51.88	0.12	0.04	0.996
S7_6	52.10	0.00	0.00	3.61	44.26	4.19	48.46	0.11	0.04	0.930

S7_7			52.10	0.00	0.00	3.61	44.26	
4.19	48.46	0.11	0.04	0.930				
S7_8			52.10	0.00	0.00	3.61	44.26	
4.19	48.46	0.10	0.03	0.930				
S7_9			52.10	0.00	0.00	3.61	44.26	
4.19	48.46	0.12	0.04	0.930				
S8			52.10	0.00	0.00	38.33	2.04	
10.47	12.51	0.13	0.01	0.240				
SubA			52.10	0.00	0.00	37.89	2.04	
10.91	12.95	0.05	0.01	0.249				
SubA1_1			52.10	0.00	0.00	38.37	2.04	
10.43	12.47	0.20	0.02	0.239				
SubA1_2			52.10	0.00	0.00	38.05	2.04	
10.75	12.79	0.10	0.02	0.245				
SubA2			52.10	0.00	0.00	38.15	2.04	
10.65	12.69	0.10	0.01	0.244				
SubA2A1			52.10	0.00	0.00	38.22	2.04	
10.58	12.62	0.16	0.02	0.242				
SubA2A2			52.10	0.00	0.00	38.24	2.04	
10.56	12.60	0.14	0.02	0.242				
SubA2B1			52.10	0.00	0.00	38.46	2.04	
10.34	12.38	0.12	0.01	0.238				
SubA2B2			52.10	0.00	0.00	38.14	2.04	
10.66	12.70	0.08	0.01	0.244				
SubA2B3			52.10	0.00	0.00	38.08	2.04	
10.72	12.76	0.18	0.03	0.245				
SubA2B4			52.10	0.00	0.00	38.35	2.04	
10.46	12.49	0.11	0.01	0.240				
SubA2B5			52.10	0.00	0.00	38.30	2.04	
10.50	12.54	0.07	0.01	0.241				
SubA2B5A1_1			52.10	0.00	0.00	38.76	2.04	
10.05	12.08	0.18	0.01	0.232				
SubA2B5A1_2			52.10	0.00	0.00	38.46	2.04	
10.34	12.37	0.08	0.01	0.238				
SubA2B5B1			52.10	0.00	0.00	38.28	2.04	
10.52	12.56	0.14	0.02	0.241				
SubA2B5B2_1			52.10	0.00	0.00	38.66	2.04	
10.14	12.18	0.11	0.01	0.234				
SubA2B5B2_2			52.10	0.00	0.00	38.30	2.04	
10.50	12.53	0.15	0.02	0.241				
SubA2B5B3_1			52.10	0.00	0.00	38.61	2.04	
10.19	12.23	0.19	0.02	0.235				
SubA2B5B3_2			52.10	0.00	0.00	38.66	2.04	
10.14	12.18	0.17	0.02	0.234				
SubB_1			52.10	0.00	0.00	38.44	2.04	
10.36	12.40	0.13	0.01	0.238				
SubB_2			52.10	0.00	0.00	38.08	2.04	
10.72	12.76	0.07	0.01	0.245				
SubB1			52.10	0.00	0.00	37.96	2.04	
10.84	12.88	0.06	0.01	0.247				
SubB3_1			52.10	0.00	0.00	38.11	2.04	
10.69	12.73	0.19	0.03	0.244				
SubB3_2			52.10	0.00	0.00	38.35	2.04	
10.44	12.48	0.17	0.02	0.240				
SubB4			52.10	0.00	0.00	37.85	2.04	
10.95	12.99	0.05	0.01	0.249				
SubB4A1_1			52.10	0.00	0.00	38.04	2.04	
10.76	12.80	0.17	0.03	0.246				
SubB4A1_2			52.10	0.00	0.00	37.94	2.04	
10.86	12.89	0.09	0.02	0.247				

SubB4A1A2_1		52.10	0.00	0.00	38.28	2.04	
10.51	12.55	0.11	0.01	0.241			
SubB4A1A2_3		52.10	0.00	0.00	38.09	2.04	
10.71	12.75	0.10	0.01	0.245			
SubB4A1A3		52.10	0.00	0.00	38.21	2.04	
10.58	12.62	0.06	0.01	0.242			
SubB4A1A4_1		52.10	0.00	0.00	38.43	2.04	
10.37	12.41	0.06	0.01	0.238			
SubB4A1A4_2		52.10	0.00	0.00	38.26	2.04	
10.54	12.58	0.17	0.02	0.241			
SubB4A1B1_2		52.10	0.00	0.00	38.48	2.04	
10.32	12.36	0.16	0.02	0.237			
SubB4A1B2		52.10	0.00	0.00	38.10	2.04	
10.70	12.74	0.06	0.01	0.245			
SubB4A1B3_2		52.10	0.00	0.00	38.34	2.04	
10.47	12.50	0.18	0.02	0.240			
SubB4B1		52.10	0.00	0.00	38.26	2.04	
10.54	12.58	0.14	0.02	0.241			
SubB4B2		52.10	0.00	0.00	38.16	2.04	
10.64	12.68	0.07	0.01	0.243			
SubB4B3		52.10	0.00	0.00	38.20	2.04	
10.60	12.64	0.07	0.01	0.243			
SubB4B4_1		52.10	0.00	0.00	38.06	2.04	
10.74	12.78	0.07	0.01	0.245			
SubB4B4_2		52.10	0.00	0.00	38.41	2.04	
10.39	12.43	0.09	0.01	0.238			
SubB4B5		52.10	0.00	0.00	38.37	2.04	
10.42	12.46	0.14	0.01	0.239			
SubB4B6		52.10	0.00	0.00	38.19	2.04	
10.60	12.64	0.08	0.01	0.243			
SubB4B6A1		52.10	0.00	0.00	38.41	2.04	
10.39	12.43	0.18	0.02	0.239			
SubB4B6A2_1		52.10	0.00	0.00	38.23	2.04	
10.57	12.61	0.13	0.01	0.242			
SubB4B6A2_2		52.10	0.00	0.00	38.15	2.04	
10.65	12.69	0.01	0.00	0.243			
SubB4B6A3		52.10	0.00	0.00	38.34	2.04	
10.46	12.50	0.03	0.00	0.240			
SubB4B6A3_3		52.10	0.00	0.00	38.39	2.04	
10.41	12.45	0.05	0.00	0.239			
SubB4B6A3_4		52.10	0.00	0.00	38.41	2.04	
10.39	12.43	0.08	0.01	0.239			
SubB4B6A3_5		52.10	0.00	0.00	38.09	2.04	
10.71	12.75	0.17	0.02	0.245			
SubB4B6A4_1		52.10	0.00	0.00	38.52	2.04	
10.28	12.32	0.17	0.02	0.237			
SubB4B6A4_2		52.10	0.00	0.00	38.32	2.04	
10.48	12.52	0.15	0.02	0.240			
SubB4B6A6		52.10	0.00	0.00	38.29	2.04	
10.51	12.55	0.17	0.02	0.241			
SubB4B6B1		52.10	0.00	0.00	38.47	2.04	
10.33	12.37	0.17	0.02	0.237			

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Node Depth Summary
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Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
Existing-Node-A1	JUNCTION	0.19	0.26	93.71	0 13:25	0.26
Existing-Node-A2	JUNCTION	0.01	0.07	94.00	0 13:32	0.07
Existing-Node-A2A1	JUNCTION	0.01	0.05	94.89	0 12:48	0.05
Existing-Node-A2A2	JUNCTION	0.00	0.01	95.04	0 12:01	0.01
Existing-Node-A2B1	JUNCTION	0.02	0.20	94.28	0 13:57	0.20
Existing-Node-A2B2	JUNCTION	0.02	0.16	94.28	0 13:57	0.16
Existing-Node-A2B3	JUNCTION	0.01	0.05	94.32	0 13:00	0.05
Existing-Node-A2B4	JUNCTION	0.01	0.08	94.61	0 13:17	0.08
Existing-Node-A2B5	JUNCTION	0.00	0.03	94.74	0 13:02	0.03
Existing-Node-A2B5A1	JUNCTION	0.01	0.08	94.80	0 12:00	0.08
Existing-Node-A2B5B1	JUNCTION	0.01	0.03	94.85	0 13:03	0.03
Existing-Node-A2B5B2	JUNCTION	0.01	0.07	94.90	0 13:10	0.07
Existing-Node-A2B5B3	JUNCTION	0.00	0.03	94.95	0 12:00	0.03
Existing-Node-B1	JUNCTION	0.03	0.20	94.05	0 12:19	0.20
Existing-Node-B3	JUNCTION	0.04	0.25	94.15	0 12:18	0.25
Existing-Node-B4	JUNCTION	0.02	0.21	94.17	0 12:17	0.21
Existing-Node-B4A1	JUNCTION	0.01	0.13	94.20	0 12:11	0.13
Existing-Node-B4A1A1	JUNCTION	0.01	0.22	94.88	0 12:09	0.22
Existing-Node-B4A1A2	JUNCTION	0.00	0.07	94.89	0 12:05	0.07
Existing-Node-B4A1A3	JUNCTION	0.00	0.05	95.14	0 12:04	0.05
Existing-Node-B4A1A4	JUNCTION	0.00	0.06	95.33	0 12:02	0.06
Existing-Node-B4A1A5	JUNCTION	0.61	0.72	97.12	3 12:00	0.72
Existing-Node-B4A1B1	JUNCTION	0.01	0.04	94.98	0 12:00	0.04
Existing-Node-B4A1B2	JUNCTION	0.01	0.05	95.13	0 12:01	0.05
Existing-Node-B4A1B3	JUNCTION	0.00	0.02	95.30	0 12:00	0.02
Existing-Node-B4B1	JUNCTION	0.01	0.07	94.44	0 12:39	0.07
Existing-Node-B4B2	JUNCTION	0.01	0.08	94.63	0 12:38	0.08
Existing-Node-B4B3	JUNCTION	0.01	0.05	94.64	0 12:37	0.05
Existing-Node-B4B4	JUNCTION	0.01	0.05	94.72	0 12:36	0.05
Existing-Node-B4B5	JUNCTION	0.01	0.06	94.83	0 12:35	0.06
Existing-Node-B4B6	JUNCTION	0.01	0.05	94.85	0 13:01	0.05
Existing-Node-B4B6A1	JUNCTION	0.01	0.07	95.04	0 13:06	0.07
Existing-Node-B4B6A2	JUNCTION	0.01	0.03	95.23	0 13:20	0.03
Existing-Node-B4B6A3	JUNCTION	0.01	0.09	95.75	0 13:28	0.09
Existing-Node-B4B6A4	JUNCTION	0.01	0.06	95.82	0 12:53	0.06
Existing-Node-B4B6A5	JUNCTION	0.00	0.03	96.01	0 12:31	0.03
Existing-Node-B4B6A6	JUNCTION	0.01	0.09	96.23	0 12:00	0.09
Existing-Node-B4B6B1	JUNCTION	0.00	0.02	94.87	0 12:00	0.02
Existing-Node-C1	JUNCTION	0.05	0.11	93.92	0 16:00	0.11
Existing-Node-C1A1	JUNCTION	0.00	0.02	94.24	0 12:00	0.02
Existing-Node-C1A2	JUNCTION	0.01	0.04	94.29	0 12:00	0.04
Existing-Node-C1B1	JUNCTION	0.04	0.10	94.16	0 16:01	0.10
Existing-Node-C1B2	JUNCTION	0.04	0.10	94.55	0 16:07	0.10
Existing-Node-C1B2A1	JUNCTION	0.05	0.15	94.75	0 15:56	0.15
Existing-Node-C1B2A2	JUNCTION	0.02	0.05	94.81	0 13:30	0.05
Existing-Node-C1B2A2A1	JUNCTION	0.01	0.08	94.93	0 12:32	0.08
Existing-Node-C1B2A2A2	JUNCTION	0.04	0.12	94.94	0 12:32	0.12
Existing-Node-C1B2A2A3	JUNCTION	0.00	0.07	94.94	0 12:31	0.07
Existing-Node-C1B2A2A4	JUNCTION	0.00	0.07	94.97	0 12:00	0.07

Existing-Node-C1B2A2B1	JUNCTION	0.06	0.15	95.03	0	16:55	0.15
Existing-Node-C1B2A2B1A1	JUNCTION	0.00	0.02	95.20	0	12:31	0.02
Existing-Node-C1B2A2B1B1	JUNCTION	0.04	0.11	95.04	0	16:43	0.11
Existing-Node-C1B2B1	JUNCTION	0.03	0.17	94.74	0	16:54	0.17
Existing-Node-C1B2B1A1	JUNCTION	0.03	0.16	94.74	0	17:03	0.16
Existing-Node-C1B2B1A2	JUNCTION	0.01	0.05	95.03	0	12:30	0.05
Existing-Node-C1B2B1A3	JUNCTION	0.00	0.02	95.24	0	12:06	0.02
Existing-Node-C1B2B1B1	JUNCTION	0.01	0.05	94.75	0	12:40	0.05
Existing-Node-C1B2B1B1A1	JUNCTION	0.00	0.04	94.77	0	12:00	0.04
Existing-Node-C1B2B1B1B1	JUNCTION	0.00	0.03	94.89	0	12:39	0.03
Existing-Node-C1B2B1B1B2	JUNCTION	0.01	0.04	95.25	0	14:05	0.04
Existing-Node-C1B2B1B1B2A1	JUNCTION	0.00	0.04	95.38	0	12:01	0.04
Existing-Node-C1B2B1B1B2B1	JUNCTION	0.02	0.16	95.40	0	14:35	0.16
Existing-Node-C1B2B1B1B2B2	JUNCTION	0.02	0.13	95.40	0	14:35	0.13
Existing-Node-C1B2B1B1B2B3	JUNCTION	0.01	0.12	95.41	0	14:21	0.12
Existing-Node-C1B2B1B1B2B3A1	JUNCTION	0.01	0.09	95.45	0	13:19	0.09
Existing-Node-C1B2B1B1B2B3A2	JUNCTION	0.01	0.04	95.57	0	12:32	0.04
Existing-Node-C1B2B1B1B2B3A3	JUNCTION	0.01	0.04	95.58	0	12:00	0.04
Existing-Node-C1B2B1B1B2B3B1	JUNCTION	0.01	0.11	95.41	0	14:20	0.11
J1	JUNCTION	0.02	0.16	95.75	0	13:29	0.16
J10	JUNCTION	0.01	0.14	96.13	0	12:01	0.14
J11	JUNCTION	0.01	0.15	96.40	0	12:00	0.15
J12	JUNCTION	0.00	0.13	96.61	0	12:00	0.13
J13	JUNCTION	0.00	0.06	97.74	0	12:00	0.06
J14	JUNCTION	0.00	0.08	97.54	0	12:00	0.08
J15	JUNCTION	0.00	0.10	97.26	0	12:00	0.10
J16	JUNCTION	0.00	0.12	96.91	0	12:00	0.12
J2	JUNCTION	0.01	0.05	95.59	0	13:30	0.05
J3	JUNCTION	0.00	0.03	97.43	0	12:00	0.03
J4	JUNCTION	0.02	0.16	95.52	0	12:01	0.16
J5	JUNCTION	0.03	0.08	95.16	0	16:06	0.08
J6	JUNCTION	0.04	0.12	95.04	0	16:46	0.12
J7	JUNCTION	0.00	0.00	97.83	0	00:00	0.00
J8	JUNCTION	0.00	0.05	95.81	0	12:00	0.05
J9	JUNCTION	0.01	0.15	96.02	0	12:00	0.15
Proposed1003Link	JUNCTION	0.05	0.12	95.24	0	16:04	0.12
Proposed1004Link	JUNCTION	0.03	0.12	95.27	0	16:03	0.12
Proposed1005Link	JUNCTION	0.03	0.13	95.39	0	16:01	0.13
Proposed1006Link	JUNCTION	0.03	0.13	95.44	0	16:01	0.13
Proposed1007Link	JUNCTION	0.03	0.12	95.49	0	17:01	0.12
Proposed1008Link	JUNCTION	0.01	0.06	95.49	0	16:59	0.06

Proposed1009Link	JUNCTION	0.02	0.11	95.56	0	13:59	0.11
Proposed1010Link	JUNCTION	0.01	0.08	95.56	0	14:00	0.08
Proposed1011Link	JUNCTION	0.01	0.13	95.70	0	12:00	0.13
Proposed1101Link	JUNCTION	0.08	0.33	96.10	0	12:00	0.33
Proposed1102Link	JUNCTION	0.04	0.27	96.09	0	12:00	0.27
Proposed1103Link	JUNCTION	0.01	0.11	96.08	0	12:00	0.11
Proposed1104Link	JUNCTION	0.00	0.05	96.14	0	12:00	0.05
Proposed610Link	JUNCTION	0.05	0.11	95.22	0	16:04	0.11
Proposed611Link	JUNCTION	0.25	0.64	96.04	0	15:08	0.64
Proposed613Link	JUNCTION	0.04	0.29	96.09	0	12:00	0.29
Proposed614Link	JUNCTION	0.03	0.25	96.13	0	12:00	0.25
Proposed615Link	JUNCTION	0.01	0.21	96.18	0	12:00	0.21
Proposed616Link	JUNCTION	0.00	0.12	96.20	0	12:00	0.12
Outfall_A	OUTFALL	0.01	0.05	93.70	0	13:25	0.05
Outfall_B	OUTFALL	0.02	0.20	94.01	0	12:19	0.20
Outfall_C	OUTFALL	0.04	0.11	93.77	0	16:00	0.11
Bassin	STORAGE	1.25	1.64	96.04	0	15:08	1.64

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Node Inflow Summary
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Node	Type	Maximum Lateral Inflow CMS	Maximum Total Inflow CMS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Flow Inflow Volume 10^6 ltr	Flow Balance Error Percent
Existing-Node-A1	JUNCTION	0.036	0.092	0 13:20	0.301	2.27	2.393
Existing-Node-A2	JUNCTION	0.013	0.080	0 13:30	0.0951	1.97	-0.066
Existing-Node-A2A1	JUNCTION	0.019	0.028	0 12:00	0.159	0.302	0.347
Existing-Node-A2A2	JUNCTION	0.017	0.017	0 12:00	0.142	0.142	-0.642
Existing-Node-A2B1	JUNCTION	0.011	0.063	0 13:43	0.117	1.57	0.002
Existing-Node-A2B2	JUNCTION	0.011	0.066	0 13:00	0.0799	1.46	0.221
Existing-Node-A2B3	JUNCTION	0.026	0.062	0 13:00	0.175	1.38	-0.217
Existing-Node-A2B4	JUNCTION	0.012	0.055	0 13:00	0.114	1.2	0.039
Existing-Node-A2B5	JUNCTION	0.007	0.049	0 13:00	0.0659	1.09	-0.042
Existing-Node-A2B5A1	JUNCTION	0.023	0.023	0 12:00	0.261	0.261	-0.003
Existing-Node-A2B5B1	JUNCTION	0.016	0.035	0 13:00	0.142	0.76	0.056
Existing-Node-A2B5B2	JUNCTION	0.026	0.047	0 12:00	0.261	0.62	0.395

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  Existing-Node-A2B5B3 JUNCTION     0.032    0.032     0  12:00       0.358
0.358      -0.623
  Existing-Node-B1     JUNCTION     0.012    0.381     0  12:18      0.0614
4.7       0.003
  Existing-Node-B3     JUNCTION     0.044    0.376     0  12:17        0.36
4.64       0.013
  Existing-Node-B4     JUNCTION     0.015    0.375     0  12:12      0.0539
4.29       0.057
  Existing-Node-B4A1   JUNCTION     0.044    0.280     0  12:09       0.257
1.98      -0.123
  Existing-Node-B4A1A1 JUNCTION     0.000    0.250     0  12:05           0
1.32       0.042
  Existing-Node-B4A1A2 JUNCTION     0.040    0.256     0  12:04       0.336
1.32      -0.002
  Existing-Node-B4A1A3 JUNCTION     0.007    0.240     0  12:02      0.0619
0.983       0.001
  Existing-Node-B4A1A4 JUNCTION     0.006    0.237     0  12:01      0.0574
0.921      -0.017
  Existing-Node-B4A1A5 JUNCTION     0.018    0.024     0  12:00       0.154
0.201  201145.892 ltr
  Existing-Node-B4A1B1 JUNCTION     0.015    0.035     0  12:00       0.161
0.405       0.020
  Existing-Node-B4A1B2 JUNCTION     0.009    0.027     0  12:00      0.0633
0.244       0.054
  Existing-Node-B4A1B3 JUNCTION     0.019    0.019     0  12:00       0.181
0.181      -0.048
  Existing-Node-B4B1   JUNCTION     0.016    0.112     0  12:38       0.144
2.25       0.018
  Existing-Node-B4B2   JUNCTION     0.009    0.104     0  12:37      0.0677
2.1       0.008
  Existing-Node-B4B3   JUNCTION     0.009    0.099     0  12:36      0.0739
2.04       0.001
  Existing-Node-B4B4   JUNCTION     0.019    0.095     0  12:34       0.156
1.96      -0.002
  Existing-Node-B4B5   JUNCTION     0.014    0.085     0  12:33       0.139
1.81       0.009
  Existing-Node-B4B6   JUNCTION     0.010    0.077     0  13:00      0.0778
1.67       0.008
  Existing-Node-B4B6A1 JUNCTION     0.018    0.065     0  13:00       0.182
1.42       0.007
  Existing-Node-B4B6A2 JUNCTION     0.016    0.057     0  13:19       0.132
1.24      -0.013
  Existing-Node-B4B6A3 JUNCTION     0.037    0.058     0  12:30       0.297
1.03      -0.051
  Existing-Node-B4B6A4 JUNCTION     0.032    0.051     0  12:00       0.316
0.74       0.497
  Existing-Node-B4B6A5 JUNCTION     0.027    0.041     0  12:00        0.25
0.421      -0.821
  Existing-Node-B4B6A6 JUNCTION     0.019    0.019     0  12:00       0.171
0.171      -0.010
  Existing-Node-B4B6B1 JUNCTION     0.016    0.016     0  12:00       0.172
0.172      -0.078
  Existing-Node-C1     JUNCTION     0.014    0.119     0  16:00       0.088
7.05       0.020
  Existing-Node-C1A1   JUNCTION     0.005    0.021     0  12:00      0.0514
0.218      -0.090
  Existing-Node-C1A2   JUNCTION     0.016    0.016     0  12:00       0.167
0.167      -0.001
  Existing-Node-C1B1   JUNCTION     0.030    0.113     0  16:00       0.315
6.75       0.004
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  Existing-Node-C1B2   JUNCTION     0.013    0.106     0  16:06      0.0598
6.44       0.038
  Existing-Node-C1B2A1 JUNCTION     0.027    0.074     0  13:00       0.229
4.22       0.251
  Existing-Node-C1B2A2 JUNCTION     0.039    0.064     0  12:00       0.405
3.99      -0.117
  Existing-Node-C1B2A2A1 JUNCTION     0.007    0.021     0  12:00      0.0562
0.337      -0.014
  Existing-Node-C1B2A2A2 JUNCTION     0.011    0.020     0  12:00       0.129
0.284       0.940
  Existing-Node-C1B2A2A3 JUNCTION     0.006    0.018     0  12:00      0.0594
0.154       0.001
  Existing-Node-C1B2A2A4 JUNCTION     0.012    0.012     0  12:00      0.0947
0.0947      -0.017
  Existing-Node-C1B2A2B1 JUNCTION     0.028    0.057     0  12:52       0.334
3.27       0.659
  Existing-Node-C1B2A2B1A1 JUNCTION     0.021    0.021     0  12:00       0.185
0.185      -7.661
  Existing-Node-C1B2A2B1B1 JUNCTION     0.000    0.033     0  16:06           0
2.74       0.022
  Existing-Node-C1B2B1 JUNCTION     0.017    0.075     0  12:35      0.0808
2.34       1.052
  Existing-Node-C1B2B1A1 JUNCTION     0.000    0.048     0  12:44           0
0.55      11.529
  Existing-Node-C1B2B1A2 JUNCTION     0.036    0.041     0  12:00       0.292
0.337     -14.256
  Existing-Node-C1B2B1A3 JUNCTION     0.010    0.010     0  12:00      0.0442
0.0442      -1.321
  Existing-Node-C1B2B1B1 JUNCTION     0.018    0.072     0  12:30        0.13
1.75      -1.329
  Existing-Node-C1B2B1B1A1 JUNCTION     0.024    0.024     0  12:00       0.227
0.227      -0.340
  Existing-Node-C1B2B1B1B1 JUNCTION     0.024    0.049     0  12:30       0.207
1.39      -0.027
  Existing-Node-C1B2B1B1B2 JUNCTION     0.014    0.039     0  14:00         0.1
1.18       0.102
  Existing-Node-C1B2B1B1B2A1 JUNCTION     0.019    0.019     0  12:00       0.139
0.139      -0.529
  Existing-Node-C1B2B1B1B2B1 JUNCTION     0.012    0.036     0  13:30       0.089
0.942       0.017
  Existing-Node-C1B2B1B1B2B2 JUNCTION     0.007    0.040     0  13:00      0.0515
0.853       0.005
  Existing-Node-C1B2B1B1B2B3 JUNCTION     0.004    0.037     0  13:00      0.0113
0.801       0.000
  Existing-Node-C1B2B1B1B2B3A1 JUNCTION     0.027    0.045     0  12:00       0.259
0.679       0.630
  Existing-Node-C1B2B1B1B2B3A2 JUNCTION     0.018    0.036     0  12:00       0.182
0.416      -0.876
  Existing-Node-C1B2B1B1B2B3A3 JUNCTION     0.029    0.029     0  12:00       0.233
0.233      -0.211
  Existing-Node-C1B2B1B1B2B3B1 JUNCTION     0.014    0.014     0  12:00       0.115
0.115      -0.012
  J1                   JUNCTION     0.000    0.056     0  12:52           0
1.03       0.063
  J10                  JUNCTION     0.000    0.196     0  12:01           0
0.631       0.010
  J11                  JUNCTION     0.028    0.197     0  12:00      0.0831
0.631      -0.006
  J12                  JUNCTION     0.031    0.174     0  12:00       0.091
0.548       0.003
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J13	JUNCTION	0.038	0.038	0	12:00	0.114	0.114	-0.014
J14	JUNCTION	0.034	0.072	0	12:00	0.102	0.216	-0.006
J15	JUNCTION	0.042	0.112	0	12:00	0.125	0.341	-0.003
J16	JUNCTION	0.039	0.149	0	12:00	0.116	0.457	0.003
J2	JUNCTION	0.012	0.054	0	13:26	0.0701	1.1	0.020
J3	JUNCTION	0.019	0.019	0	12:00	0.168	0.168	-0.885
J4	JUNCTION	0.000	0.234	0	12:00	0	0.864	-0.002
J5	JUNCTION	0.000	0.033	0	16:04	0	2.74	0.011
J6	JUNCTION	0.000	0.033	0	16:08	0	2.74	0.070
J7	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr
J8	JUNCTION	0.000	0.224	0	12:00	0	0.741	-0.001
J9	JUNCTION	0.037	0.223	0	12:00	0.11	0.741	-0.001
Proposed1003Link	JUNCTION	0.000	0.016	0	16:03	0	0.814	0.011
Proposed1004Link	JUNCTION	0.001	0.016	0	16:00	0.0137	0.814	0.013
Proposed1005Link	JUNCTION	0.007	0.016	0	16:00	0.0666	0.801	-0.008
Proposed1006Link	JUNCTION	0.012	0.015	0	16:00	0.117	0.734	-0.012
Proposed1007Link	JUNCTION	0.017	0.021	0	13:00	0.164	0.62	0.415
Proposed1008Link	JUNCTION	0.000	0.015	0	13:55	0	0.453	-0.508
Proposed1009Link	JUNCTION	0.002	0.033	0	12:01	0.00856	0.454	0.217
Proposed1010Link	JUNCTION	0.021	0.050	0	12:00	0.146	0.445	-0.097
Proposed1011Link	JUNCTION	0.032	0.032	0	12:00	0.299	0.299	-0.031
Proposed1101Link	JUNCTION	0.000	0.238	0	12:00	0	0.72	0.116
Proposed1102Link	JUNCTION	0.095	0.240	0	12:00	0.284	0.72	0.017
Proposed1103Link	JUNCTION	0.105	0.146	0	12:00	0.314	0.436	-0.031
Proposed1104Link	JUNCTION	0.041	0.041	0	12:00	0.122	0.122	-0.007
Proposed610Link	JUNCTION	0.000	0.033	0	16:03	0	2.74	0.032
Proposed611Link	JUNCTION	0.000	0.017	0	15:08	0	1.92	0.001
Proposed613Link	JUNCTION	0.093	0.597	0	12:00	0.276	1.79	0.072
Proposed614Link	JUNCTION	0.091	0.269	0	12:00	0.269	0.794	0.005
Proposed615Link	JUNCTION	0.121	0.180	0	12:00	0.35	0.526	-0.019

Proposed616Link	JUNCTION	0.059	0.059	0	12:00	0.175	0.175	-0.003
Outfall_A	OUTFALL	0.011	0.094	0	13:23	0.0472	2.26	0.000
Outfall_B	OUTFALL	0.022	0.394	0	12:19	0.195	4.9	0.000
Outfall_C	OUTFALL	0.013	0.120	0	16:00	0.0838	7.14	0.000
Bassin	STORAGE	0.056	0.651	0	12:00	0.164	3.41	-0.033

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Node Surcharge Summary
****

No nodes were surcharged.

****
Node Flooding Summary
****

No nodes were flooded.

****
Storage Volume Summary
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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
Bassin	1.936	38.7	0.0	0.0	2.753	55.0	0 15:08	0.017

****
Outfall Loading Summary
****

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 10^6 ltr
Outfall_A	59.77	0.013	0.094	2.264
Outfall_B	68.99	0.024	0.394	4.900
Outfall_C	97.45	0.024	0.120	7.137
System	75.40	0.060	0.558	14.300

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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
100mm_2	CONDUIT	0.009	0	15:08	1.14	2.01	0.96
150mm_3	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
75mm_1	CONDUIT	0.008	0	15:08	1.81	1.95	1.00
C1_1	CONDUIT	0.000	0	00:00	0.00	0.00	0.03
C1_10	CONDUIT	0.145	0	12:00	0.90	0.02	0.13
C1_2	CONDUIT	0.224	0	12:00	1.81	0.02	0.10
C1_3	CONDUIT	0.038	0	12:00	0.48	0.00	0.07
C1_4	CONDUIT	0.194	0	12:01	1.00	0.02	0.15
C1_5	CONDUIT	0.196	0	12:01	1.05	0.02	0.14
C1_6	CONDUIT	0.171	0	12:00	0.96	0.02	0.14
C1_7	CONDUIT	0.071	0	12:00	0.64	0.01	0.09
C1_8	CONDUIT	0.110	0	12:00	0.79	0.01	0.11
C2	CONDUIT	0.223	0	12:00	1.70	0.00	0.11
Channel1A1	CHANNEL	0.092	0	13:25	0.21	0.00	0.10
Channel1A2	CHANNEL	0.080	0	13:32	0.12	0.00	0.15
Channel1A2A1	CHANNEL	0.018	0	12:48	0.46	0.00	0.07
Channel1A2A2	CHANNEL	0.010	0	12:01	0.06	0.00	0.17
Channel1A2B1	CONDUIT	0.062	0	13:55	0.37	0.03	0.15
Channel1A2B2	CHANNEL	0.058	0	13:46	0.18	0.00	0.18
Channel1A2B3	CHANNEL	0.062	0	13:00	0.17	0.00	0.14
Channel1A2B4	CHANNEL	0.053	0	13:16	0.60	0.00	0.10
Channel1A2B5	CHANNEL	0.049	0	13:02	0.14	0.00	0.21
Channel1A2B5A1	CONDUIT	0.022	0	12:00	0.20	0.07	0.13
Channel1A2B5B1	CHANNEL	0.034	0	13:03	0.15	0.03	0.24
Channel1A2B5B2	CHANNEL	0.027	0	13:10	1.18	0.00	0.18
Channel1A2B5B3	CHANNEL	0.021	0	12:00	0.07	0.00	0.27
Channel1B1	CHANNEL	0.381	0	12:19	1.17	0.00	0.12
Channel1B2212_1	CHANNEL	0.006	0	12:00	0.04	0.00	0.21
Channel1B2212_3	CONDUIT	0.011	0	12:00	0.57	0.00	0.16
Channel1B2212_4	CHANNEL	0.233	0	12:01	1.32	0.00	0.07
Channel1B3	CHANNEL	0.375	0	12:19	1.06	0.00	0.11
Channel1B4	CHANNEL	0.350	0	12:17	0.48	0.00	0.11
Channel1B4A1	CHANNEL	0.274	0	12:11	0.37	0.00	0.09
Channel1B4A1A1	CONDUIT	0.228	0	12:09	1.00	0.03	0.14
Channel1B4A1A2	CHANNEL	0.250	0	12:05	0.24	0.00	0.11
Channel1B4A1A3	CHANNEL	0.233	0	12:04	0.40	0.00	0.08
Channel1B4A1A4	CHANNEL	0.236	0	12:02	0.63	0.00	0.04
Channel1B4A1B1	CHANNEL	0.031	0	12:00	0.29	0.00	0.08
Channel1B4A1B2	CHANNEL	0.021	0	12:01	0.48	0.00	0.06
Channel1B4A1B3	CHANNEL	0.018	0	12:00	0.14	0.00	0.07
Channel1B4B1	CHANNEL	0.112	0	12:39	0.32	0.00	0.12
Channel1B4B2	CHANNEL	0.104	0	12:39	0.61	0.00	0.06
Channel1B4B3	CHANNEL	0.099	0	12:37	0.24	0.00	0.06
Channel1B4B4	CHANNEL	0.094	0	12:36	0.37	0.00	0.06
Channel1B4B5	CHANNEL	0.085	0	12:35	0.36	0.00	0.07
Channel1B4B6	CHANNEL	0.077	0	13:01	0.24	0.00	0.10

ChannelB4B6A1	CHANNEL	0.065	0	13:06	0.47	0.00	0.15
ChannelB4B6A2	CHANNEL	0.057	0	13:20	0.24	0.00	0.14
ChannelB4B6A3_1	CHANNEL	0.056	0	12:52	0.11	0.00	0.55
ChannelB4B6A3_3	CONDUIT	0.052	0	13:29	1.88	0.30	0.23
ChannelB4B6A3_4	CHANNEL	0.051	0	13:27	0.52	0.00	0.18
ChannelB4B6A4	CHANNEL	0.040	0	12:53	0.26	0.00	0.27
ChannelB4B6A5	CHANNEL	0.027	0	12:31	0.12	0.01	0.26
ChannelB4B6A6	CONDUIT	0.014	0	12:00	0.21	0.04	0.15
ChannelB4B6B1	CHANNEL	0.014	0	12:00	0.13	0.00	0.09
Proposed1003LinkChannel	CONDUIT	0.016	0	16:04	0.19	0.09	0.23
Proposed1004LinkChannel	CONDUIT	0.016	0	16:03	0.19	0.05	0.24
Proposed1005LinkChannel	CONDUIT	0.016	0	16:01	0.17	0.06	0.25
Proposed1006LinkChannel	CONDUIT	0.015	0	16:01	0.15	0.06	0.26
Proposed1007LinkChannel	CONDUIT	0.013	0	17:02	0.14	0.06	0.25
Proposed1008LinkChannel	CHANNEL	0.013	0	13:01	0.03	0.00	0.16
Proposed1009LinkChannel	CONDUIT	0.015	0	13:55	1.18	0.53	0.26
Proposed1010LinkChannel	CHANNEL	0.031	0	12:01	0.75	0.00	0.17
Proposed1011LinkChannel	CONDUIT	0.029	0	12:00	0.30	0.05	0.16
Proposed1101LinkChannel	CONDUIT	0.240	0	12:00	0.37	0.02	0.31
Proposed1102LinkChannel	CONDUIT	0.238	0	12:00	0.38	0.02	0.30
Proposed1103LinkChannel	CONDUIT	0.145	0	12:00	0.55	0.01	0.19
Proposed1104LinkChannel	CONDUIT	0.041	0	12:00	0.45	0.00	0.08
Proposed1201LinkChannel	CHANNEL	0.070	0	12:40	0.12	0.00	0.53
Proposed1202LinkChannel	CHANNEL	0.048	0	12:39	0.15	0.00	0.14
Proposed1203LinkChannel	CHANNEL	0.039	0	14:07	0.36	0.00	0.12
Proposed1204LinkChannel	CONDUIT	0.032	0	14:32	0.27	0.05	0.14
Proposed1205LinkChannel	CHANNEL	0.032	0	13:41	0.11	0.00	0.49
Proposed1206LinkChannel	CONDUIT	0.037	0	13:00	0.19	0.26	0.56
Proposed1207LinkChannel	CONDUIT	0.032	0	13:19	0.26	0.07	0.26
Proposed1208LinkChannel	CHANNEL	0.027	0	12:32	0.11	0.00	0.26
Proposed1209LinkChannel	CHANNEL	0.019	0	12:01	0.11	0.00	0.11
Proposed1301LinkChannel	CHANNEL	0.021	0	12:00	0.18	0.00	0.21
Proposed1401LinkChannel	CHANNEL	0.013	0	12:06	0.21	0.00	0.08
Proposed1501LinkChannel	CONDUIT	0.013	0	12:00	0.14	0.06	0.29
Proposed502LinkChannel	CHANNEL	0.119	0	16:00	0.77	0.00	0.16
Proposed503LinkChannel	CHANNEL	0.020	0	12:00	0.16	0.00	0.17
Proposed504LinkChannel	CHANNEL	0.016	0	12:00	0.59	0.00	0.07
Proposed601LinkChannel	CHANNEL	0.113	0	16:01	0.65	0.01	0.29
Proposed602LinkChannel	CHANNEL	0.106	0	16:07	0.63	0.00	0.18
Proposed603LinkChannel	CONDUIT	0.062	0	16:00	0.39	0.07	0.23
Proposed604LinkChannel	CHANNEL	0.062	0	13:30	0.14	0.00	0.17
Proposed605LinkChannel	CONDUIT	0.041	0	16:36	0.34	0.03	0.14
Proposed606LinkChannel_1	CONDUIT	0.033	0	16:08	0.10	0.05	0.23
Proposed606LinkChannel_2	CONDUIT	0.033	0	16:15	0.07	0.05	0.27
Proposed609LinkChannel_1	CONDUIT	0.033	0	16:04	0.16	0.20	0.31
Proposed609LinkChannel_2	CONDUIT	0.033	0	16:06	0.18	0.11	0.32
Proposed612Channel	CONDUIT	0.017	0	15:08	0.24	0.05	1.00
Proposed613LinkChannel	CONDUIT	0.596	0	12:00	1.35	0.05	0.23
Proposed614LinkChannel	CONDUIT	0.268	0	12:00	0.48	0.04	0.22
Proposed615LinkChannel	CONDUIT	0.178	0	12:00	0.40	0.04	0.22
Proposed616LinkChannel	CONDUIT	0.058	0	12:00	0.20	0.01	0.16
Proposed701LinkChannel	CONDUIT	0.044	0	16:54	0.25	0.17	0.34
Proposed702LinkChannel	CHANNEL	0.024	0	12:48	0.15	0.00	0.43
Proposed703LinkChannel	CHANNEL	0.025	0	12:30	0.25	0.00	0.42
Proposed704LinkChannel	CHANNEL	0.007	0	12:06	0.07	0.00	0.05
Proposed801LinkChannel	CONDUIT	0.020	0	12:33	0.15	0.05	0.16
Proposed802LinkChannel	CONDUIT	0.016	0	12:31	0.15	0.01	0.14

Proposed803LinkChannel	CONDUIT	0.011	0	12:02	0.06	0.02	0.19
Proposed804LinkChannel	CONDUIT	0.011	0	12:00	0.16	0.03	0.13
Proposed901LinkChannel	CHANNEL	0.012	0	12:31	0.06	0.00	0.46

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Flow Classification Summary
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Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
100mm_2	1.00	0.74	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00
150mm_3	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75mm_1	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
C1_1	1.00	0.22	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1_10	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C1_2	1.00	0.00	0.00	0.00	0.72	0.28	0.00	0.00	0.00	0.00
C1_3	1.00	0.03	0.18	0.00	0.77	0.01	0.00	0.00	0.80	0.00
C1_4	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.99	0.00
C1_5	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.77	0.00
C1_6	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C1_7	1.00	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.93	0.00
C1_8	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.98	0.00
C2	1.00	0.00	0.13	0.00	0.85	0.01	0.00	0.00	0.99	0.00
ChannelA1	1.00	0.00	0.13	0.00	0.87	0.00	0.00	0.00	0.00	0.00
ChannelA2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
ChannelA2A1	1.00	0.00	0.00	0.00	0.89	0.11	0.00	0.00	0.98	0.00
ChannelA2A2	1.00	0.00	0.25	0.00	0.75	0.00	0.00	0.00	1.00	0.00
ChannelA2B1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.74	0.00
ChannelA2B2	1.00	0.00	0.00	0.00	0.37	0.62	0.00	0.00	0.08	0.00
ChannelA2B3	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.95	0.00

Channel1A2B4	1.00	0.00	0.00	0.00	0.19	0.81	0.00	0.00	0.01
0.00									
Channel1A2B5	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
0.00									
Channel1A2B5A1	1.00	0.00	0.56	0.00	0.44	0.00	0.00	0.00	0.69
0.00									
Channel1A2B5B1	1.00	0.00	0.00	0.00	0.93	0.07	0.00	0.00	0.10
0.00									
Channel1A2B5B2	1.00	0.00	0.00	0.00	0.75	0.25	0.00	0.00	0.51
0.00									
Channel1A2B5B3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98
0.00									
Channel1B1	1.00	0.00	0.00	0.00	0.32	0.68	0.00	0.00	0.02
0.00									
Channel1B2212_1	1.00	0.00	0.62	0.00	0.37	0.01	0.00	0.00	0.99
0.00									
Channel1B2212_3	1.00	0.00	0.62	0.00	0.37	0.01	0.00	0.00	0.99
0.00									
Channel1B2212_4	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00
0.00									
Channel1B3	1.00	0.00	0.00	0.00	0.40	0.60	0.00	0.00	0.00
0.00									
Channel1B4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.91
0.00									
Channel1B4A1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95
0.00									
Channel1B4A1A1	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.82
0.00									
Channel1B4A1A2	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.97
0.00									
Channel1B4A1A3	1.00	0.00	0.01	0.00	0.28	0.71	0.00	0.00	0.25
0.00									
Channel1B4A1A4	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.70
0.00									
Channel1B4A1B1	1.00	0.00	0.00	0.00	0.47	0.53	0.00	0.00	0.58
0.00									
Channel1B4A1B2	1.00	0.00	0.00	0.00	0.62	0.38	0.00	0.00	0.00
0.00									
Channel1B4A1B3	1.00	0.00	0.64	0.00	0.36	0.01	0.00	0.00	0.99
0.00									
Channel1B4B1	1.00	0.00	0.00	0.00	0.96	0.04	0.00	0.00	0.96
0.00									
Channel1B4B2	1.00	0.00	0.00	0.00	0.12	0.88	0.00	0.00	0.04
0.00									
Channel1B4B3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98
0.00									
Channel1B4B4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
0.00									
Channel1B4B5	1.00	0.00	0.00	0.00	0.58	0.41	0.00	0.00	0.00
0.00									
Channel1B4B6	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
0.00									
Channel1B4B6A1	1.00	0.00	0.00	0.00	0.37	0.63	0.00	0.00	0.00
0.00									
Channel1B4B6A2	1.00	0.00	0.00	0.00	0.69	0.31	0.00	0.00	1.00
0.00									
Channel1B4B6A3_1	1.00	0.00	0.00	0.00	0.66	0.34	0.00	0.00	0.47
0.00									
Channel1B4B6A3_3	1.00	0.00	0.00	0.00	0.72	0.28	0.00	0.00	0.50
0.00									

ChannelB4B6A3_4	1.00	0.00	0.00	0.00	0.93	0.07	0.00	0.00	0.44	0.00
ChannelB4B6A4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.10	0.00
ChannelB4B6A5	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
ChannelB4B6A6	1.00	0.00	0.52	0.00	0.48	0.00	0.00	0.00	0.75	0.00
ChannelB4B6B1	1.00	0.00	0.47	0.00	0.53	0.00	0.00	0.00	0.96	0.00
Proposed1003LinkChannel	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.02	0.00
Proposed1004LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.73	0.00
Proposed1005LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Proposed1006LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.81	0.00
Proposed1007LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.47	0.00
Proposed1008LinkChannel	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.80	0.00
Proposed1009LinkChannel	1.00	0.00	0.00	0.00	0.83	0.16	0.00	0.00	0.00	0.00
Proposed1010LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.78	0.00
Proposed1011LinkChannel	1.00	0.00	0.59	0.00	0.41	0.00	0.00	0.00	0.93	0.00
Proposed1101LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
Proposed1102LinkChannel	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.67	0.00
Proposed1103LinkChannel	1.00	0.01	0.05	0.00	0.94	0.00	0.00	0.00	0.77	0.00
Proposed1104LinkChannel	1.00	0.04	0.22	0.00	0.74	0.00	0.00	0.00	0.85	0.00
Proposed1201LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
Proposed1202LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.36	0.00
Proposed1203LinkChannel	1.00	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.01	0.00
Proposed1204LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.66	0.00
Proposed1205LinkChannel	1.00	0.00	0.00	0.00	0.79	0.21	0.00	0.00	0.14	0.00
Proposed1206LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.79	0.00
Proposed1207LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
Proposed1208LinkChannel	1.00	0.00	0.00	0.00	0.44	0.56	0.00	0.00	0.30	0.00
Proposed1209LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.76	0.00
Proposed1301LinkChannel	1.00	0.00	0.56	0.00	0.44	0.00	0.00	0.00	0.94	0.00
Proposed1401LinkChannel	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.95	0.00
Proposed1501LinkChannel	1.00	0.00	0.61	0.00	0.39	0.00	0.00	0.00	0.80	0.00

Proposed502LinkChannel	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.00	0.00
Proposed503LinkChannel	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.98	0.00
Proposed504LinkChannel	1.00	0.00	0.00	0.00	0.80	0.20	0.00	0.00	0.68	0.00
Proposed601LinkChannel	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.97	0.00
Proposed602LinkChannel	1.00	0.00	0.00	0.00	0.88	0.12	0.00	0.00	0.36	0.00
Proposed603LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.53	0.00
Proposed604LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
Proposed605LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.06	0.00
Proposed606LinkChannel_1	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.08	0.00
Proposed606LinkChannel_2	1.00	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.64	0.00
Proposed609LinkChannel_1	1.00	0.02	0.00	0.00	0.95	0.00	0.00	0.03	0.00	0.00
Proposed609LinkChannel_2	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.93	0.00
Proposed612Channel	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
Proposed613LinkChannel	1.00	0.15	0.00	0.00	0.32	0.00	0.00	0.53	0.06	0.00
Proposed614LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.51	0.00
Proposed615LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
Proposed616LinkChannel	1.00	0.00	0.09	0.00	0.91	0.00	0.00	0.00	0.99	0.00
Proposed701LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.75	0.00
Proposed702LinkChannel	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.05	0.00
Proposed703LinkChannel	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.95	0.00
Proposed704LinkChannel	1.00	0.00	0.31	0.00	0.69	0.00	0.00	0.00	1.00	0.00
Proposed801LinkChannel	1.00	0.00	0.07	0.00	0.93	0.00	0.00	0.00	0.97	0.00
Proposed802LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07	0.00
Proposed803LinkChannel	1.00	0.00	0.37	0.00	0.63	0.00	0.00	0.00	0.93	0.00
Proposed804LinkChannel	1.00	0.36	0.26	0.00	0.37	0.00	0.00	0.00	0.53	0.00
Proposed901LinkChannel	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.94	0.00

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Conduit Surcharge Summary
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Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
100mm_2	0.01	15.04	0.01	16.21	0.01
75mm_1	41.66	58.09	41.66	60.57	41.66
Proposed612Channel	31.44	31.44	82.82	0.01	0.01

Analysis begun on: Fri May 9 07:07:11 2025
Analysis ended on: Fri May 9 07:07:37 2025
Total elapsed time: 00:00:26

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

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.2 (Build 5.2.4)

****
Element Count
****
Number of rain gages 13
Number of subcatchments ... 135
Number of nodes 107
Number of links 106
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
12h-100y_93.8mm	12h-100y_93.8mm	INTENSITY	6 min.
12h-10y_65.3mm	12h-10y_65.3mm	INTENSITY	6 min.
12h-25y_76.9mm	12h-25y_76.9mm	INTENSITY	6 min.
12h-2y_42.3mm	12h-2y_42.3mm	INTENSITY	6 min.
12h-50y_85.4mm	12h-50y_85.4mm	INTENSITY	6 min.
12h-5y_56.2mm	12h-5y_56.2mm	INTENSITY	6 min.
24h-100y_115.6mm	24h-100y_115.6mm	INTENSITY	15 min.
24h-10y_80.4mm	24h-10y_80.4mm	INTENSITY	15 min.
24h-25y_94.7mm	24h-25y_94.7mm	INTENSITY	15 min.
24-h-2-y_52.1mm	24-h-2-y_52.1mm	INTENSITY	15 min.
24-h-50-y_105.2mm	24-h-50-y_105.2mm	INTENSITY	15 min.
24h-5y_69.2mm	24h-5y_69.2mm	INTENSITY	15 min.
Chicago25mm	Chicago25mm	INTENSITY	10 min.

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Subcatchment Summary
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Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
PAD1001Link_1	0.37	22.30	4.00	5.0350	Chicago25mm	PAD605Link
PAD1004Link	0.11	6.53	4.00	6.9790	Chicago25mm	Proposed1004Link
PAD1005Link	0.54	32.06	4.00	4.0560	Chicago25mm	Proposed1005Link
PAD1006Link_1	0.80	58.42	4.00	3.2040	Chicago25mm	Proposed1006Link
PAD1006Link_2	0.13	15.51	4.00	2.6760	Chicago25mm	Proposed1006Link
PAD1007Link_1	0.89	46.07	4.00	4.3740	Chicago25mm	Proposed1007Link
PAD1007Link_2	0.43	45.11	4.00	2.8600	Chicago25mm	Proposed1007Link

PAD1008Link_1	0.33	106.81	4.00	3.2380	Chicago25mm
J2					
PAD1009Link_2	0.07	14.89	4.00	5.7640	Chicago25mm
Proposed1009Link					
PAD1010Link	0.49	57.77	4.00	4.4720	Chicago25mm
Proposed1010Link					
PAD1011Link_1	1.02	84.88	4.00	3.5400	Chicago25mm
Proposed1011Link					
PAD1011Link_2	1.37	81.05	4.00	5.7590	Chicago25mm
Proposed1011Link					
PAD1102Link	0.51	37.05	100.00	3.9070	Chicago25mm
Proposed1102Link					
PAD1103Link	0.62	44.51	100.00	4.1860	Chicago25mm
Proposed1103Link					
PAD1104Link	0.24	19.91	100.00	3.7780	Chicago25mm
Proposed1104Link					
PAD1201Link	1.03	167.22	4.00	2.5400	Chicago25mm
Existing-Node-C1B2B1B1					
PAD1202Link	1.64	170.02	4.00	3.1070	Chicago25mm
Existing-Node-C1B2B1B1B1					
PAD1203Link	0.79	96.31	4.00	4.3730	Chicago25mm
Existing-Node-C1B2B1B1B2					
PAD1204Link	0.70	101.51	4.00	3.4460	Chicago25mm
Existing-Node-C1B2B1B1B2B1					
PAD1205Link	0.40	62.09	4.00	3.4500	Chicago25mm
Existing-Node-C1B2B1B1B2B2					
PAD1206Link	0.09	73.63	4.00	3.9250	Chicago25mm
Existing-Node-C1B2B1B1B2B3					
PAD1207Link_1	1.40	84.31	4.00	3.1130	Chicago25mm
Existing-Node-C1B2B1B1B2B3A1					
PAD1207Link_2	0.68	83.93	4.00	3.2030	Chicago25mm
Existing-Node-C1B2B1B1B2B3A1					
PAD1208Link	1.47	96.79	4.00	3.1820	Chicago25mm
Existing-Node-C1B2B1B1B2B3A2					
PAD1209Link_1	0.76	62.35	4.00	3.7720	Chicago25mm
Existing-Node-C1B2B1B1B2B3A3					
PAD1209Link_2	1.08	97.71	4.00	7.0430	Chicago25mm
Existing-Node-C1B2B1B1B2B3A3					
PAD1301Link_1	1.00	84.33	4.00	2.6250	Chicago25mm
Existing-Node-C1B2B1B1A1					
PAD1301Link_2	0.82	75.47	4.00	2.5730	Chicago25mm
Existing-Node-C1B2B1B1A1					
PAD1401Link_1	0.51	50.14	4.00	3.3330	Chicago25mm
Existing-Node-C1B2B1B1B2A1					
PAD1401Link_2	0.51	48.55	4.00	5.6370	Chicago25mm
Existing-Node-C1B2B1B1B2A1					
PAD1501Link	0.91	93.25	4.00	4.3500	Chicago25mm
Existing-Node-C1B2B1B1B2B3B1					
PAD501	0.66	97.81	4.00	4.3500	Chicago25mm
Outfall_C					
PAD502Link	0.69	121.84	4.00	3.5400	Chicago25mm
Existing-Node-C1					
PAD503Link	0.41	36.87	4.00	2.7490	Chicago25mm
Existing-Node-C1A1					
PAD504Link	1.35	86.95	4.00	2.9130	Chicago25mm
Existing-Node-C1A2					
PAD601Link	2.55	146.19	4.00	3.4850	Chicago25mm
Existing-Node-C1B1					
PAD602Link	0.46	126.46	4.00	4.5690	Chicago25mm
Existing-Node-C1B2					

PAD603Link_1	1.31	129.15	4.00	3.4550	Chicago25mm
Existing-Node-C1B2A1					
PAD603Link_2	0.51	64.75	4.00	3.0780	Chicago25mm
Existing-Node-C1B2A1					
PAD604Link_1	1.05	185.68	4.00	1.5190	Chicago25mm
Existing-Node-C1B2A2					
PAD604Link_2	2.27	114.70	4.00	1.7330	Chicago25mm
Existing-Node-C1B2A2					
PAD605Link	0.52	58.84	4.00	4.4720	Chicago25mm
Existing-Node-C1B2A2B1					
PAD613Link_1	0.10	507.50	100.00	5.0060	Chicago25mm
Proposed613Link					
PAD613Link_2	0.44	30.63	100.00	4.9770	Chicago25mm
Proposed613Link					
PAD614Link_1	0.38	26.14	100.00	4.5160	Chicago25mm
Proposed614Link					
PAD614Link_2	0.04	181.50	100.00	7.1700	Chicago25mm
Proposed614Link					
PAD614Link_3	0.01	1.46	76.00	4.7010	Chicago25mm
Proposed614Link					
PAD614Link_4	0.11	18.00	76.00	6.7640	Chicago25mm
Proposed614Link					
PAD615Link_1	0.43	29.06	100.00	5.0940	Chicago25mm
Proposed615Link					
PAD615Link_2	0.14	22.79	76.00	7.6190	Chicago25mm
Proposed615Link					
PAD615Link_3	0.17	26.95	76.00	6.9180	Chicago25mm
Proposed615Link					
PAD616Link	0.34	23.68	100.00	5.3350	Chicago25mm
Proposed616Link					
PAD701Link	0.63	200.92	4.00	2.9660	Chicago25mm
Existing-Node-C1B2B1					
PAD702Link	1.28	89.48	4.00	4.8610	Chicago25mm
Existing-Node-C1B2B1A2					
PAD703Link	1.03	109.15	4.00	6.2870	Chicago25mm
Existing-Node-C1B2B1A2					
PAD801Link	0.45	67.09	4.00	1.5720	Chicago25mm
Existing-Node-C1B2A2A1					
PAD802Link	1.07	66.36	4.00	1.5400	Chicago25mm
Existing-Node-C1B2A2A2					
PAD803Link	0.47	58.48	4.00	1.6140	Chicago25mm
Existing-Node-C1B2A2A3					
PAD804Link	0.75	107.71	4.00	2.5730	Chicago25mm
Existing-Node-C1B2A2A4					
PAD901Link_1	1.39	111.97	4.00	1.6140	Chicago25mm
Existing-Node-C1B2A2B1					
PAD901Link_2	0.76	94.39	4.00	2.0450	Chicago25mm
Existing-Node-C1B2A2B1A1					
PAD901Link_3	0.72	76.06	4.00	2.5490	Chicago25mm
Existing-Node-C1B2A2B1A1					
S1	1.22	105.91	4.00	4.3640	Chicago25mm
Existing-Node-B4A1A5					
S3	0.66	99.41	4.00	4.0820	Chicago25mm
Proposed1010Link					
S4	1.99	127.36	4.00	5.8240	Chicago25mm
Existing-Node-B4B6A5					
S40	0.02	189.00	76.00	5.5330	Chicago25mm
S5					
S41	0.02	238.00	76.00	6.0880	Chicago25mm
PAD1401Link_2					

S49_2	0.01	0.91	76.00	5.0340	Chicago25mm
S5					
S5	0.22	26.92	4.00	6.3150	Chicago25mm
Existing-Node-C1B2B1A3					
S6	0.38	78.57	4.00	4.9830	Chicago25mm
PAD1001Link_1					
S7_1	0.05	38.24	100.00	6.5980	Chicago25mm
Proposed1102Link					
S7_10	0.24	24.02	85.00	0.5000	Chicago25mm
J16					
S7_11	0.19	18.79	85.00	0.5000	Chicago25mm
J12					
S7_12	0.17	17.16	85.00	0.5000	Chicago25mm
J11					
S7_2	0.04	43.30	100.00	4.3200	Chicago25mm
Bassin					
S7_3	0.03	34.10	100.00	4.5270	Chicago25mm
Bassin					
S7_5	0.24	195.90	100.00	6.4890	Chicago25mm
Bassin					
S7_6	0.23	23.43	85.00	0.5000	Chicago25mm
J13					
S7_7	0.23	22.77	85.00	0.5000	Chicago25mm
J9					
S7_8	0.21	21.08	85.00	0.5000	Chicago25mm
J14					
S7_9	0.26	25.77	85.00	0.5000	Chicago25mm
J15					
S8	1.08	84.82	4.00	3.5410	Chicago25mm
Existing-Node-B4A1A2					
SubA	0.36	74.65	4.00	11.1390	Chicago25mm
Outfall_A					
SubA1_1	1.60	105.67	4.00	4.2180	Chicago25mm
Existing-Node-A1					
SubA1_2	0.79	129.28	4.00	4.0150	Chicago25mm
Existing-Node-A1					
SubA2	0.75	98.03	4.00	3.3480	Chicago25mm
Existing-Node-A2					
SubA2A1	1.26	154.12	4.00	2.5580	Chicago25mm
Existing-Node-A2A1					
SubA2A2	1.13	146.84	4.00	2.0030	Chicago25mm
Existing-Node-A2A2					
SubA2B1	0.94	77.69	4.00	1.9600	Chicago25mm
Existing-Node-A2B1					
SubA2B2	0.63	85.88	4.00	3.2160	Chicago25mm
Existing-Node-A2B2					
SubA2B3	1.37	256.62	4.00	2.5370	Chicago25mm
Existing-Node-A2B3					
SubA2B4	0.91	104.34	4.00	1.5940	Chicago25mm
Existing-Node-A2B4					
SubA2B5	0.53	63.33	4.00	1.7300	Chicago25mm
Existing-Node-A2B5					
SubA2B5A1_1	1.47	85.80	4.00	1.5410	Chicago25mm
Existing-Node-A2B5A1					
SubA2B5A1_2	0.68	66.41	4.00	1.3710	Chicago25mm
Existing-Node-A2B5A1					
SubA2B5B1	1.13	129.75	4.00	2.1190	Chicago25mm
Existing-Node-A2B5B1					
SubA2B5B2_1	0.87	58.68	4.00	1.5280	Chicago25mm
Existing-Node-A2B5B2					

SubA2B5B2_2	1.23	166.75	4.00	1.3550	Chicago25mm
Existing-Node-A2B5B2					
SubA2B5B3_1	1.52	101.71	4.00	1.7720	Chicago25mm
Existing-Node-A2B5B3					
SubA2B5B3_2	1.41	87.27	4.00	1.8160	Chicago25mm
Existing-Node-A2B5B3					
SubB_1	1.05	48.36	4.00	6.6450	Chicago25mm
Outfall_B					
SubB_2	0.51	64.50	4.00	5.5280	Chicago25mm
Outfall_B					
SubB1	0.48	97.84	4.00	5.4090	Chicago25mm
Existing-Node-B1					
SubB3_1	1.48	216.72	4.00	3.2570	Chicago25mm
Existing-Node-B3					
SubB3_2	1.38	127.97	4.00	2.2930	Chicago25mm
Existing-Node-B3					
SubB4	0.41	139.80	4.00	6.9640	Chicago25mm
Existing-Node-B4					
SubB4A1_1	1.31	196.77	4.00	5.0740	Chicago25mm
Existing-Node-B4A1					
SubB4A1_2	0.70	195.40	4.00	3.3540	Chicago25mm
Existing-Node-B4A1					
SubB4A1A2_1	0.84	78.79	4.00	3.0850	Chicago25mm
Existing-Node-B4A1A2					
SubB4A1A2_3	0.76	138.76	4.00	2.4740	Chicago25mm
Existing-Node-B4A1A2					
SubB4A1A3	0.49	31.40	4.00	9.3970	Chicago25mm
Existing-Node-B4A1A3					
SubB4A1A4_1	0.46	35.73	4.00	2.4970	Chicago25mm
Existing-Node-B4A1A4					
SubB4A1A4_2	1.33	103.06	4.00	5.1990	Chicago25mm
J3					
SubB4A1B1_2	1.30	83.27	4.00	2.9850	Chicago25mm
Existing-Node-B4A1B1					
SubB4A1B2	0.50	63.96	4.00	4.6370	Chicago25mm
Existing-Node-B4A1B2					
SubB4A1B3_1	0.00	0.00	4.00	2.0010	Chicago25mm
Existing-Node-B4A1B3					
SubB4A1B3_2	1.45	119.13	4.00	3.2180	Chicago25mm
Existing-Node-B4A1B3					
SubB4B1	1.14	115.47	4.00	3.0450	Chicago25mm
Existing-Node-B4B1					
SubB4B2	0.53	72.56	4.00	2.8470	Chicago25mm
Existing-Node-B4B2					
SubB4B3	0.59	73.33	4.00	2.6190	Chicago25mm
Existing-Node-B4B3					
SubB4B4_1	0.53	108.73	4.00	2.4480	Chicago25mm
Existing-Node-B4B4					
SubB4B4_2	0.70	67.55	4.00	1.7130	Chicago25mm
Existing-Node-B4B4					
SubB4B5	1.12	104.86	4.00	2.0870	Chicago25mm
Existing-Node-B4B5					
SubB4B6	0.62	84.68	4.00	2.2620	Chicago25mm
Existing-Node-B4B6					
SubB4B6A1	1.47	97.21	4.00	3.6480	Chicago25mm
Existing-Node-B4B6A1					
SubB4B6A2_1	1.00	98.97	4.00	3.7130	Chicago25mm
Existing-Node-B4B6A2					
SubB4B6A2_2	0.05	5.20	4.00	5.5680	Chicago25mm
Existing-Node-B4B6A2					

SubB4B6A3	0.22	14.11	4.00	5.0160	Chicago25mm J2
SubB4B6A3_3	0.37	23.90	4.00	4.1920	Chicago25mm Existing-Node-B4B6A3
SubB4B6A3_4	0.64	37.96	4.00	4.5470	Chicago25mm Existing-Node-B4B6A3
SubB4B6A3_5	1.35	220.65	4.00	2.9940	Chicago25mm Existing-Node-B4B6A3
SubB4B6A4_1	1.39	78.85	4.00	3.3430	Chicago25mm Existing-Node-B4B6A4
SubB4B6A4_2	1.16	94.23	4.00	3.5650	Chicago25mm Existing-Node-B4B6A4
SubB4B6A6	1.36	103.27	4.00	4.5740	Chicago25mm Existing-Node-B4B6A6
SubB4B6B1	1.39	122.94	4.00	1.6140	Chicago25mm Existing-Node-B4B6B1

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Node Summary
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Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
Existing-Node-A1	JUNCTION	93.45	1.53	0.0	
Existing-Node-A2	JUNCTION	93.93	1.10	0.0	
Existing-Node-A2A1	JUNCTION	94.84	0.88	0.0	
Existing-Node-A2A2	JUNCTION	95.03	0.94	0.0	
Existing-Node-A2B1	JUNCTION	94.09	0.98	0.0	
Existing-Node-A2B2	JUNCTION	94.12	0.98	0.0	
Existing-Node-A2B3	JUNCTION	94.27	0.77	0.0	
Existing-Node-A2B4	JUNCTION	94.53	0.71	0.0	
Existing-Node-A2B5	JUNCTION	94.71	1.29	0.0	
Existing-Node-A2B5A1	JUNCTION	94.72	1.28	0.0	
Existing-Node-A2B5B1	JUNCTION	94.82	0.26	0.0	
Existing-Node-A2B5B2	JUNCTION	94.83	0.26	0.0	
Existing-Node-A2B5B3	JUNCTION	94.92	0.18	0.0	
Existing-Node-B1	JUNCTION	93.85	2.07	0.0	
Existing-Node-B3	JUNCTION	93.90	2.11	0.0	
Existing-Node-B4	JUNCTION	93.96	2.12	0.0	
Existing-Node-B4A1	JUNCTION	94.07	1.84	0.0	
Existing-Node-B4A1A1	JUNCTION	94.66	1.22	0.0	
Existing-Node-B4A1A2	JUNCTION	94.82	1.22	0.0	
Existing-Node-B4A1A3	JUNCTION	95.09	1.50	0.0	
Existing-Node-B4A1A4	JUNCTION	95.27	1.69	0.0	
Existing-Node-B4A1A5	JUNCTION	96.40	1.69	0.0	
Existing-Node-B4A1B1	JUNCTION	94.94	1.15	0.0	
Existing-Node-B4A1B2	JUNCTION	95.08	0.73	0.0	
Existing-Node-B4A1B3	JUNCTION	95.28	0.61	0.0	
Existing-Node-B4B1	JUNCTION	94.37	1.11	0.0	
Existing-Node-B4B2	JUNCTION	94.55	1.11	0.0	
Existing-Node-B4B3	JUNCTION	94.59	1.05	0.0	
Existing-Node-B4B4	JUNCTION	94.67	0.84	0.0	
Existing-Node-B4B5	JUNCTION	94.77	0.76	0.0	
Existing-Node-B4B6	JUNCTION	94.80	0.73	0.0	
Existing-Node-B4B6A1	JUNCTION	94.97	0.38	0.0	
Existing-Node-B4B6A2	JUNCTION	95.20	0.40	0.0	
Existing-Node-B4B6A3	JUNCTION	95.66	0.27	0.0	

Existing-Node-B4B6A4	JUNCTION	95.76	0.27	0.0
Existing-Node-B4B6A5	JUNCTION	95.98	1.02	0.0
Existing-Node-B4B6A6	JUNCTION	96.14	0.86	0.0
Existing-Node-B4B6B1	JUNCTION	94.85	0.52	0.0
Existing-Node-C1	JUNCTION	93.81	0.69	0.0
Existing-Node-C1A1	JUNCTION	94.22	0.46	0.0
Existing-Node-C1A2	JUNCTION	94.25	0.46	0.0
Existing-Node-C1B1	JUNCTION	94.06	0.56	0.0
Existing-Node-C1B2	JUNCTION	94.45	0.55	0.0
Existing-Node-C1B2A1	JUNCTION	94.60	0.68	0.0
Existing-Node-C1B2A2	JUNCTION	94.76	1.00	0.0
Existing-Node-C1B2A2A1	JUNCTION	94.85	1.15	0.0
Existing-Node-C1B2A2A2	JUNCTION	94.82	1.18	0.0
Existing-Node-C1B2A2A3	JUNCTION	94.87	1.13	0.0
Existing-Node-C1B2A2A4	JUNCTION	94.90	1.10	0.0
Existing-Node-C1B2A2B1	JUNCTION	94.88	1.12	0.0
Existing-Node-C1B2A2B1A1	JUNCTION	95.18	0.20	0.0
Existing-Node-C1B2A2B1B1	JUNCTION	94.93	0.61	0.0
Existing-Node-C1B2B1	JUNCTION	94.57	0.40	0.0
Existing-Node-C1B2B1A1	JUNCTION	94.58	0.43	0.0
Existing-Node-C1B2B1A2	JUNCTION	94.98	0.68	0.0
Existing-Node-C1B2B1A3	JUNCTION	95.22	0.69	0.0
Existing-Node-C1B2B1B1	JUNCTION	94.70	0.26	0.0
Existing-Node-C1B2B1B1A1	JUNCTION	94.73	0.25	0.0
Existing-Node-C1B2B1B1B1	JUNCTION	94.86	0.30	0.0
Existing-Node-C1B2B1B1B2	JUNCTION	95.21	0.79	0.0
Existing-Node-C1B2B1B1B2A1	JUNCTION	95.34	0.47	0.0
Existing-Node-C1B2B1B1B2B1	JUNCTION	95.25	0.75	0.0
Existing-Node-C1B2B1B1B2B2	JUNCTION	95.27	0.73	0.0
Existing-Node-C1B2B1B1B2B3	JUNCTION	95.29	0.71	0.0
Existing-Node-C1B2B1B1B2B3A1	JUNCTION	95.36	0.64	0.0
Existing-Node-C1B2B1B1B2B3A2	JUNCTION	95.53	0.33	0.0
Existing-Node-C1B2B1B1B2B3A3	JUNCTION	95.54	0.33	0.0
Existing-Node-C1B2B1B1B2B3B1	JUNCTION	95.30	0.70	0.0
J1	JUNCTION	95.60	1.40	0.0
J10	JUNCTION	95.98	1.51	0.0
J11	JUNCTION	96.26	1.74	0.0
J12	JUNCTION	96.47	1.52	0.0
J13	JUNCTION	97.69	1.31	0.0
J14	JUNCTION	97.46	1.54	0.0
J15	JUNCTION	97.15	1.35	0.0
J16	JUNCTION	96.79	1.21	0.0
J2	JUNCTION	95.54	0.96	0.0
J3	JUNCTION	97.40	2.60	0.0
J4	JUNCTION	95.36	2.00	0.0
J5	JUNCTION	95.08	1.38	0.0
J6	JUNCTION	94.92	0.56	0.0
J7	JUNCTION	97.83	1.00	0.0
J8	JUNCTION	95.76	2.24	0.0
J9	JUNCTION	95.86	1.14	0.0
Proposed1003Link	JUNCTION	95.12	0.58	0.0
Proposed1004Link	JUNCTION	95.16	0.65	0.0
Proposed1005Link	JUNCTION	95.26	0.50	0.0
Proposed1006Link	JUNCTION	95.31	0.58	0.0
Proposed1007Link	JUNCTION	95.37	0.69	0.0
Proposed1008Link	JUNCTION	95.43	0.60	0.0
Proposed1009Link	JUNCTION	95.45	0.57	0.0

Proposed1010Link	JUNCTION	95.48	0.57	0.0
Proposed1011Link	JUNCTION	95.57	0.50	0.0
Proposed1101Link	JUNCTION	95.77	1.28	0.0
Proposed1102Link	JUNCTION	95.82	1.20	0.0
Proposed1103Link	JUNCTION	95.97	1.09	0.0
Proposed1104Link	JUNCTION	96.09	1.00	0.0
Proposed610Link	JUNCTION	95.11	1.89	0.0
Proposed611Link	JUNCTION	95.40	1.60	0.0
Proposed613Link	JUNCTION	95.80	1.25	0.0
Proposed614Link	JUNCTION	95.88	1.21	0.0
Proposed615Link	JUNCTION	95.98	1.05	0.0
Proposed616Link	JUNCTION	96.08	1.42	0.0
Outfall_A	OUTFALL	93.65	1.53	0.0
Outfall_B	OUTFALL	93.81	1.71	0.0
Outfall_C	OUTFALL	93.66	0.68	0.0
Bassin	STORAGE	94.40	2.50	0.0

****
Link Summary
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Name	From Node	To Node	Type	Length	% Slope	Roughness
100mm_2	Proposed611Link	Proposed610Link	CONDUIT	8.0	0.6250	0.0120
150mm_3	Proposed611Link	Proposed610Link	CONDUIT	8.0	0.6250	0.0120
75mm_1	Proposed611Link	Proposed610Link	CONDUIT	8.0	2.5008	0.0120
C1_1	J7	J13	CONDUIT	50.2	0.2886	0.0120
C1_10	J16	J12	CONDUIT	107.6	0.2891	0.0120
C1_2	J9	J8	CONDUIT	35.5	0.2897	0.0120
C1_3	J13	J14	CONDUIT	78.6	0.2888	0.0120
C1_4	J10	J9	CONDUIT	42.1	0.2900	0.0120
C1_5	J11	J10	CONDUIT	94.8	0.2859	0.0120
C1_6	J12	J11	CONDUIT	75.8	0.2890	0.0120
C1_7	J14	J15	CONDUIT	105.9	0.2889	0.0120
C1_8	J15	J16	CONDUIT	126.9	0.2884	0.0120
C2	J8	J4	CONDUIT	2.9	13.8532	0.0120
ChannelA1	Existing-Node-A1	Outfall_A	CONDUIT	25.5	- 0.7852	0.0100
ChannelA2	Existing-Node-A2	Existing-Node-A1	CONDUIT	113.4	0.4234	0.0100
ChannelA2A1	Existing-Node-A2A1	Existing-Node-A2	CONDUIT	130.7	0.6962	0.0100
ChannelA2A2	Existing-Node-A2A2	Existing-Node-A2A1	CONDUIT	147.8	0.1285	0.0100

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  ChannelA2B1      Existing-Node-A2B1 Existing-Node-A2 CONDUIT          78.7
0.1981    0.0350
  ChannelA2B2      Existing-Node-A2B2 Existing-Node-A2B1 CONDUIT          27.8
0.1224    0.0100
  ChannelA2B3      Existing-Node-A2B3 Existing-Node-A2B2 CONDUIT         107.0
0.1401    0.0100
  ChannelA2B4      Existing-Node-A2B4 Existing-Node-A2B3 CONDUIT          96.3
0.2700    0.0100
  ChannelA2B5      Existing-Node-A2B5 Existing-Node-A2B4 CONDUIT          77.2
0.2331    0.0100
  ChannelA2B5A1    Existing-Node-A2B5A1 Existing-Node-A2B5 CONDUIT          22.5
0.0444    0.0350
  ChannelA2B5B1    Existing-Node-A2B5B1 Existing-Node-A2B5 CONDUIT         159.9
0.0688    0.0100
  ChannelA2B5B2    Existing-Node-A2B5B2 Existing-Node-A2B5B1 CONDUIT          10.6
0.0944    0.0100
  ChannelA2B5B3    Existing-Node-A2B5B3 Existing-Node-A2B5B2 CONDUIT         154.3
0.0583    0.0100
  ChannelB1        Existing-Node-B1 Outfall_B        CONDUIT          16.4
0.2256    0.0100
  ChannelB2212_1   Existing-Node-B4A1A5 J3               CONDUIT         126.9   -
0.7880    0.0100
  ChannelB2212_3   J3               J4               CONDUIT          18.3
11.1908    0.0100
  ChannelB2212_4   J4               Existing-Node-B4A1A4 CONDUIT         102.1
0.0881    0.0100
  ChannelB3        Existing-Node-B3 Existing-Node-B1 CONDUIT          63.7
0.0832    0.0100
  ChannelB4        Existing-Node-B4 Existing-Node-B3 CONDUIT          87.0
0.0690    0.0100
  ChannelB4A1      Existing-Node-B4A1 Existing-Node-B4 CONDUIT         105.6
0.1042    0.0100
  ChannelB4A1A1    Existing-Node-B4A1A1 Existing-Node-B4A1 CONDUIT          54.5
1.0822    0.0350
  ChannelB4A1A2    Existing-Node-B4A1A2 Existing-Node-B4A1A1 CONDUIT          41.4
0.3867    0.0100
  ChannelB4A1A3    Existing-Node-B4A1A3 Existing-Node-B4A1A2 CONDUIT          95.6
0.2824    0.0100
  ChannelB4A1A4    Existing-Node-B4A1A4 Existing-Node-B4A1A3 CONDUIT          74.8
0.2407    0.0100
  ChannelB4A1B1    Existing-Node-B4A1B1 Existing-Node-B4A1 CONDUIT         127.1
0.6868    0.0100
  ChannelB4A1B2    Existing-Node-B4A1B2 Existing-Node-B4A1B1 CONDUIT          66.8
0.2051    0.0100
  ChannelB4A1B3    Existing-Node-B4A1B3 Existing-Node-B4A1B2 CONDUIT          34.6
0.5776    0.0100
  ChannelB4B1      Existing-Node-B4B1 Existing-Node-B4 CONDUIT          55.7
0.7367    0.0100
  ChannelB4B2      Existing-Node-B4B2 Existing-Node-B4B1 CONDUIT          73.6
0.2447    0.0100
  ChannelB4B3      Existing-Node-B4B3 Existing-Node-B4B2 CONDUIT          33.3
0.1202    0.0100
  ChannelB4B4      Existing-Node-B4B4 Existing-Node-B4B3 CONDUIT          48.0
0.1666    0.0100
  ChannelB4B5      Existing-Node-B4B5 Existing-Node-B4B4 CONDUIT          86.5
0.1156    0.0100
  ChannelB4B6      Existing-Node-B4B6 Existing-Node-B4B5 CONDUIT          18.8
0.1599    0.0100
  ChannelB4B6A1    Existing-Node-B4B6A1 Existing-Node-B4B6 CONDUIT         150.1
0.1133    0.0100
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  ChannelB4B6A2    Existing-Node-B4B6A2 Existing-Node-B4B6A1 CONDUIT           23.0
1.0003    0.0100
  ChannelB4B6A3_1  Existing-Node-B4B6A3 J1               CONDUIT           30.8
0.2079    0.0100
  ChannelB4B6A3_3  J1               J2               CONDUIT           28.5
0.2105    0.0100
  ChannelB4B6A3_4  J2               Existing-Node-B4B6A2 CONDUIT          163.0
0.2062    0.0100
  ChannelB4B6A4    Existing-Node-B4B6A4 Existing-Node-B4B6A3 CONDUIT           99.5
0.1005    0.0100
  ChannelB4B6A5    Existing-Node-B4B6A5 Existing-Node-B4B6A4 CONDUIT          200.9
0.1095    0.0100
  ChannelB4B6A6    Existing-Node-B4B6A6 Existing-Node-B4B6A5 CONDUIT           85.0
0.1895    0.0350
  ChannelB4B6B1    Existing-Node-B4B6B1 Existing-Node-B4B6 CONDUIT           76.9
0.0650    0.0100
  Proposed1003LinkChannel Proposed1003Link Proposed610Link  CONDUIT           14.4
0.0418    0.0350
  Proposed1004LinkChannel Proposed1004Link Proposed1003Link CONDUIT           29.0
0.1309    0.0350
  Proposed1005LinkChannel Proposed1005Link Proposed1004Link CONDUIT          135.9
0.0773    0.0350
  Proposed1006LinkChannel Proposed1006Link Proposed1005Link CONDUIT           71.8
0.0766    0.0350
  Proposed1007LinkChannel Proposed1007Link Proposed1006Link CONDUIT           83.3
0.0624    0.0350
  Proposed1008LinkChannel Proposed1008Link Proposed1007Link CONDUIT           96.3
0.0696    0.0100
  Proposed1009LinkChannel Proposed1009Link Proposed1008Link CONDUIT           31.5
0.0508    0.0100
  Proposed1010LinkChannel Proposed1010Link Proposed1009Link CONDUIT           57.4
0.0523    0.0100
  Proposed1011LinkChannel Proposed1011Link Proposed1010Link CONDUIT           42.2
0.2132    0.0350
  Proposed1101LinkChannel Proposed1101Link Proposed613Link  CONDUIT           15.5
-0.2127    0.0100
  Proposed1102LinkChannel Proposed1102Link Proposed1101Link CONDUIT           17.0
0.3124    0.0100
  Proposed1103LinkChannel Proposed1103Link Proposed1102Link CONDUIT           47.1
0.3246    0.0100
  Proposed1104LinkChannel Proposed1104Link Proposed1103Link CONDUIT           34.7
0.3225    0.0100
  Proposed1201LinkChannel Existing-Node-C1B2B1B1 Existing-Node-C1B2B1 CONDUIT
58.3    0.2230    0.0100
  Proposed1202LinkChannel Existing-Node-C1B2B1B1B1 Existing-Node-C1B2B1B1 CONDUIT
97.2    0.1646    0.0100
  Proposed1203LinkChannel Existing-Node-C1B2B1B1B2 Existing-Node-C1B2B1B1B1 CONDUIT
204.5    0.1711    0.0100
  Proposed1204LinkChannel Existing-Node-C1B2B1B1B2B1 Existing-Node-C1B2B1B1B2
CONDUIT           58.7    0.0631    0.0350
  Proposed1205LinkChannel Existing-Node-C1B2B1B1B2B2 Existing-Node-C1B2B1B1B2B1
CONDUIT           26.3    0.0874    0.0100
  Proposed1206LinkChannel Existing-Node-C1B2B1B1B2B3 Existing-Node-C1B2B1B1B2B2
CONDUIT           22.4    0.0757    0.0350
  Proposed1207LinkChannel Existing-Node-C1B2B1B1B2B3A1 Existing-Node-C1B2B1B1B2B3
CONDUIT           23.5    0.3107    0.0350
  Proposed1208LinkChannel Existing-Node-C1B2B1B1B2B3A2 Existing-Node-C1B2B1B1B2B3A1
CONDUIT          176.6    0.0962    0.0100
  Proposed1209LinkChannel Existing-Node-C1B2B1B1B2B3A3 Existing-Node-C1B2B1B1B2B3A2
CONDUIT           77.6    0.0129    0.0100
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  Proposed1301LinkChannel Existing-Node-C1B2B1B1A1 Existing-Node-C1B2B1B1 CONDUIT
43.5    0.0690    0.0100
  Proposed1401LinkChannel Existing-Node-C1B2B1B1B2A1 Existing-Node-C1B2B1B1B2
CONDUIT          150.6    0.0863    0.0100
  Proposed1501LinkChannel Existing-Node-C1B2B1B1B2B3B1 Existing-Node-C1B2B1B1B2B3
CONDUIT           20.0    0.0649    0.0350
  Proposed502LinkChannel Existing-Node-C1 Outfall_C        CONDUIT           67.4
0.2226    0.0100
  Proposed503LinkChannel Existing-Node-C1A1 Existing-Node-C1 CONDUIT           66.2
0.6196    0.0100
  Proposed504LinkChannel Existing-Node-C1A2 Existing-Node-C1A1 CONDUIT
16.6    0.1810    0.0100
  Proposed601LinkChannel Existing-Node-C1B1 Existing-Node-C1 CONDUIT          103.7
0.2411    0.0100
  Proposed602LinkChannel Existing-Node-C1B2 Existing-Node-C1B1 CONDUIT
183.1    0.2130    0.0100
  Proposed603LinkChannel Existing-Node-C1B2A1 Existing-Node-C1B2 CONDUIT
48.4    0.3102    0.0350
  Proposed604LinkChannel Existing-Node-C1B2A2 Existing-Node-C1B2A1 CONDUIT
203.5    0.0767    0.0100
  Proposed605LinkChannel Existing-Node-C1B2A2B1 Existing-Node-C1B2A2 CONDUIT
55.0    0.2254    0.0350
  Proposed606LinkChannel_1 Existing-Node-C1B2A2B1B1 J6               CONDUIT
20.1    0.0299    0.0350
  Proposed606LinkChannel_2 J6               Existing-Node-C1B2A2B1 CONDUIT
138.3    0.0318    0.0350
  Proposed609LinkChannel_1 Proposed610Link  J5               CONDUIT           32.5
0.0830    0.0500
  Proposed609LinkChannel_2 J5               Existing-Node-C1B2A2B1B1 CONDUIT
52.8    0.2839    0.0500
  Proposed612Channel Bassin           Proposed611Link  CONDUIT            8.0   -
8.8090    0.0120
  Proposed613LinkChannel Proposed613Link  Bassin           CONDUIT           10.0
0.5600    0.0220
  Proposed614LinkChannel Proposed614Link  Proposed613Link  CONDUIT           15.7
0.4726    0.0350
  Proposed615LinkChannel Proposed615Link  Proposed614Link  CONDUIT           31.5
0.3272    0.0350
  Proposed616LinkChannel Proposed616Link  Proposed615Link  CONDUIT           30.2
0.3313    0.0350
  Proposed701LinkChannel Existing-Node-C1B2B1 Existing-Node-C1B2 CONDUIT
124.5    0.0964    0.0350
  Proposed702LinkChannel Existing-Node-C1B2B1A1 Existing-Node-C1B2B1 CONDUIT
49.5    0.0202    0.0100
  Proposed703LinkChannel Existing-Node-C1B2B1A2 Existing-Node-C1B2B1A1 CONDUIT
234.9    0.1703    0.0100
  Proposed704LinkChannel Existing-Node-C1B2B1A3 Existing-Node-C1B2B1A2 CONDUIT
144.9    0.1657    0.0100
  Proposed801LinkChannel Existing-Node-C1B2A2A1 Existing-Node-C1B2A2 CONDUIT
103.6    0.0908    0.0350
  Proposed802LinkChannel Existing-Node-C1B2A2A2 Existing-Node-C1B2A2A1 CONDUIT
10.1   -0.2970    0.0350
  Proposed803LinkChannel Existing-Node-C1B2A2A3 Existing-Node-C1B2A2A2 CONDUIT
80.5    0.0621    0.0350
  Proposed804LinkChannel Existing-Node-C1B2A2A4 Existing-Node-C1B2A2A3 CONDUIT
25.7    0.1167    0.0350
  Proposed901LinkChannel Existing-Node-C1B2A2B1A1 Existing-Node-C1B2A2B1 CONDUIT
248.2    0.1208    0.0100
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****
Cross Section Summary
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Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
100mm_2	CIRCULAR	0.10	0.01	0.03	0.10	1	0.00
150mm_3	CIRCULAR	0.15	0.02	0.04	0.15	1	0.01
75mm_1	CIRCULAR	0.07	0.00	0.02	0.07	1	0.00
C1_1	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.00
C1_10	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.01
C1_2	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.02
C1_3	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.00
C1_4	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.02
C1_5	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	8.96
C1_6	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.00
C1_7	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	9.00
C1_8	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	8.99
C2	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	62.34
ChannelA1	C65	1.53	110.45	0.79	138.51	1	835.73
ChannelA2	C62	1.10	50.08	0.44	114.63	1	189.41
ChannelA2A1	C22	0.80	39.08	0.31	124.58	1	150.11
ChannelA2A2	C4	0.18	9.72	0.10	96.87	1	7.60
ChannelA2B1	TRAPEZOIDAL	0.90	2.52	0.50	4.60	1	2.02
ChannelA2B2	C55	0.98	69.20	0.55	124.59	1	163.17
ChannelA2B3	C51	0.76	52.75	0.43	123.20	1	111.88
ChannelA2B4	C46	0.71	47.71	0.35	137.79	1	123.07
ChannelA2B5	C40	0.28	13.90	0.12	114.65	1	16.39
ChannelA2B5A1	TRAPEZOIDAL	0.40	1.12	0.30	3.60	1	0.30
ChannelA2B5B1	C31	0.12	3.27	0.06	52.61	1	1.34
ChannelA2B5B2	C30	0.26	9.59	0.09	111.41	1	5.95
ChannelA2B5B3	C14	0.18	10.46	0.10	104.91	1	

Channel1B1	C9	1.71	111.43	1.11	102.12	1	565.87
Channel1B2212_1	C8	1.69	78.75	0.76	101.08	1	583.27
Channel1B2212_3	CIRCULAR	0.60	0.28	0.15	0.60	1	2.67
Channel1B2212_4	C8	1.69	78.75	0.76	101.08	1	195.06
Channel1B3	C75	2.05	186.14	1.10	168.14	1	570.88
Channel1B4	C74	2.09	176.02	1.05	166.45	1	476.73
Channel1B4A1	C50	1.84	114.01	0.81	138.64	1	320.94
Channel1B4A1A1	TRAPEZOIDAL	1.20	4.08	0.64	5.80	1	9.02
Channel1B4A1A2	C45	1.22	79.07	0.72	109.30	1	394.05
Channel1B4A1A3	C37	0.74	56.51	0.53	106.86	1	195.90
Channel1B4A1A4	C33	1.50	131.89	1.17	111.99	1	716.60
Channel1B4A1B1	C28	1.06	40.72	0.35	116.54	1	166.80
Channel1B4A1B2	C20	0.73	29.73	0.28	103.85	1	58.32
Channel1B4A1B3	C16	0.53	25.20	0.24	105.86	1	73.34
Channel1B4B1	C71	1.11	80.50	0.64	144.51	1	511.71
Channel1B4B2	C70	1.11	78.30	0.55	142.07	1	258.71
Channel1B4B3	C69	1.05	65.56	0.48	134.75	1	139.98
Channel1B4B4	C68	0.84	47.63	0.36	131.76	1	98.90
Channel1B4B5	C66	0.75	40.17	0.34	130.13	1	66.86
Channel1B4B6	C64	0.56	37.90	0.30	131.20	1	67.27
Channel1B4B6A1	C60	0.38	21.93	0.14	150.78	1	20.34
Channel1B4B6A2	C58	0.38	23.62	0.19	120.66	1	79.31
Channel1B4B6A3_1	C78	0.23	11.22	0.11	102.15	1	11.68
Channel1B4B6A3_3	CIRCULAR	0.45	0.16	0.11	0.45	1	0.17
Channel1B4B6A3_4	C78	0.23	11.22	0.11	102.15	1	11.63
Channel1B4B6A4	C39	0.27	13.05	0.11	116.20	1	9.59
Channel1B4B6A5	C27	0.17	8.02	0.08	99.08	1	5.00
Channel1B4B6A6	TRAPEZOIDAL	0.40	0.72	0.26	2.60	1	0.36
Channel1B4B6B1	C3	0.38	17.20	0.13	127.00	1	11.52
Proposed1003LinkChannel	TRAPEZOIDAL	0.50	0.75	0.27	2.50	1	0.18

	Proposed1004LinkChannel	TRAPEZOIDAL	0.50	0.75	0.27	2.50	
1	0.33						
	Proposed1005LinkChannel	TRAPEZOIDAL	0.50	0.75	0.27	2.50	
1	0.25						
	Proposed1006LinkChannel	TRAPEZOIDAL	0.50	0.75	0.27	2.50	
1	0.25						
	Proposed1007LinkChannel	TRAPEZOIDAL	0.50	0.75	0.27	2.50	
1	0.23						
	Proposed1008LinkChannel	C32	0.57	46.70	0.40	115.43	
1	67.05						
	Proposed1009LinkChannel	CIRCULAR	0.30	0.07	0.07	0.30	
1	0.03						
	Proposed1010LinkChannel	C23	0.57	41.71	0.38	111.18	
1	50.25						
	Proposed1011LinkChannel	TRAPEZOIDAL	0.50	1.00	0.31	3.00	
1	0.60						
	Proposed1101LinkChannel	TRAPEZOIDAL	1.00	3.50	0.59	5.50	
1	11.31						
	Proposed1102LinkChannel	TRAPEZOIDAL	1.00	3.50	0.59	5.50	
1	13.70						
	Proposed1103LinkChannel	TRAPEZOIDAL	1.00	3.00	0.55	5.00	
1	11.45						
	Proposed1104LinkChannel	TRAPEZOIDAL	1.00	3.00	0.55	5.00	
1	11.41						
	Proposed1201LinkChannel	C57	0.21	13.88	0.11	129.25	
1	14.77						
	Proposed1202LinkChannel	C52	0.26	21.69	0.16	133.21	
1	26.15						
	Proposed1203LinkChannel	C43	0.29	14.52	0.13	110.36	
1	15.47						
	Proposed1204LinkChannel	TRAPEZOIDAL	0.70	1.68	0.41	3.80	
1	0.66						
	Proposed1205LinkChannel	C36	0.30	22.34	0.20	113.53	
1	22.25						
	Proposed1206LinkChannel	TRAPEZOIDAL	0.23	0.57	0.19	2.92	
1	0.15						
	Proposed1207LinkChannel	TRAPEZOIDAL	0.40	0.72	0.26	2.60	
1	0.46						
	Proposed1208LinkChannel	C19	0.24	12.92	0.12	105.74	
1	10.00						
	Proposed1209LinkChannel	C13	0.33	20.66	0.21	99.45	
1	8.21						
	Proposed1301LinkChannel	C17	0.19	12.72	0.10	122.92	
1	7.35						
	Proposed1401LinkChannel	C10	0.47	25.91	0.32	80.45	
1	35.54						
	Proposed1501LinkChannel	TRAPEZOIDAL	0.40	0.72	0.26	2.60	
1	0.21						
	Proposed502LinkChannel	C77	0.68	42.34	0.21	204.48	
1	69.87						
	Proposed503LinkChannel	C11	0.38	16.10	0.14	116.94	
1	34.01						
	Proposed504LinkChannel	C7	0.45	17.45	0.17	104.30	
1	22.47						
	Proposed601LinkChannel	C76	0.36	12.34	0.13	102.08	
1	15.24						
	Proposed602LinkChannel	C73	0.54	61.49	0.32	188.39	
1	134.18						
	Proposed603LinkChannel	TRAPEZOIDAL	0.54	1.12	0.33	3.16	
1	0.85						

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  Proposed604LinkChannel C67                  0.61    53.72     0.37   142.92
1    77.21
  Proposed605LinkChannel TRAPEZOIDAL          0.70     1.68     0.41     3.80
1     1.25
  Proposed606LinkChannel_1 TRAPEZOIDAL          0.50     2.50     0.40     6.00
1     0.67
  Proposed606LinkChannel_2 TRAPEZOIDAL          0.50     2.50     0.40     6.00
1     0.69
  Proposed609LinkChannel_1 TRAPEZOIDAL          0.30     0.78     0.23     3.20
1     0.17
  Proposed609LinkChannel_2 TRAPEZOIDAL          0.30     0.78     0.23     3.20
1     0.32
  Proposed612Channel CIRCULAR             0.30     0.07     0.07     0.30        1
0.31
  Proposed613LinkChannel TRAPEZOIDAL          1.25     4.39     0.67     6.01
1    11.39
  Proposed614LinkChannel TRAPEZOIDAL          1.21     4.76     0.69     6.35
1     7.28
  Proposed615LinkChannel TRAPEZOIDAL          1.05     3.80     0.61     5.72
1     4.48
  Proposed616LinkChannel TRAPEZOIDAL          1.00     3.50     0.59     5.50
1     4.03
  Proposed701LinkChannel TRAPEZOIDAL          0.40     0.72     0.26     2.60
1     0.26
  Proposed702LinkChannel C41                  0.39    14.90     0.14   105.39
1     5.72
  Proposed703LinkChannel C26                  0.23    11.88     0.10   114.51
1    10.78
  Proposed704LinkChannel C6                   0.68    54.09     0.54   100.34
1   145.57
  Proposed801LinkChannel TRAPEZOIDAL          0.40     1.12     0.30     3.60
1     0.43
  Proposed802LinkChannel TRAPEZOIDAL          0.70     1.68     0.41     3.80
1     1.44
  Proposed803LinkChannel TRAPEZOIDAL          0.50     1.50     0.35     4.00
1     0.53
  Proposed804LinkChannel TRAPEZOIDAL          0.50     1.00     0.31     3.00
1     0.45
  Proposed901LinkChannel C12                  0.18     3.67     0.09    38.87
1     2.64


  ****************
  Transect Summary
  ****************

  Transect C10
  Area:
              0.0002     0.0006     0.0015     0.0026     0.0040
              0.0060     0.0085     0.0118     0.0156     0.0205
              0.0271     0.0363     0.0488     0.0644     0.0821
              0.1011     0.1212     0.1421     0.1638     0.1862
              0.2090     0.2326     0.2569     0.2823     0.3085
              0.3351     0.3621     0.3891     0.4161     0.4432
              0.4704     0.4976     0.5249     0.5522     0.5795
              0.6069     0.6344     0.6620     0.6897     0.7174
              0.7453     0.7732     0.8012     0.8293     0.8574
              0.8857     0.9140     0.9425     0.9711     1.0000
  Hrad:
```

0.0146 0.0292 0.0437 0.0624 0.0768
0.0883 0.0964 0.1037 0.1184 0.1292
0.1342 0.1331 0.1381 0.1415 0.1551
0.1695 0.1813 0.2023 0.2247 0.2474
0.2695 0.2900 0.3090 0.3156 0.3404
0.3630 0.3904 0.4184 0.4466 0.4748
0.5029 0.5309 0.5589 0.5868 0.6147
0.6419 0.6689 0.6959 0.7227 0.7495
0.7761 0.8027 0.8292 0.8555 0.8817
0.9077 0.9337 0.9588 0.9795 1.0000

Width:

0.0111 0.0223 0.0334 0.0437 0.0572
0.0774 0.0992 0.1235 0.1422 0.1999
0.2609 0.3815 0.4829 0.5909 0.6235
0.6771 0.7068 0.7382 0.7602 0.7792
0.7992 0.8245 0.8532 0.8976 0.9089
0.9256 0.9297 0.9321 0.9338 0.9356
0.9373 0.9390 0.9408 0.9425 0.9442
0.9468 0.9497 0.9525 0.9553 0.9582
0.9611 0.9640 0.9669 0.9698 0.9729
0.9761 0.9792 0.9831 0.9916 1.0000

Transect C11

Area:

0.0003 0.0011 0.0022 0.0033 0.0045
0.0057 0.0071 0.0084 0.0098 0.0113
0.0129 0.0145 0.0162 0.0180 0.0202
0.0232 0.0267 0.0309 0.0359 0.0423
0.0500 0.0594 0.0705 0.0821 0.0946
0.1075 0.1208 0.1348 0.1520 0.1725
0.1942 0.2171 0.2424 0.2723 0.3041
0.3376 0.3734 0.4117 0.4534 0.4976
0.5430 0.5897 0.6371 0.6858 0.7358
0.7867 0.8388 0.8921 0.9457 1.0000

Hrad:

0.0270 0.0606 0.1095 0.1561 0.2007
0.2435 0.2848 0.3249 0.3638 0.4017
0.4388 0.4725 0.5047 0.5365 0.5536
0.5549 0.5545 0.5527 0.5476 0.5345
0.5166 0.4809 0.4811 0.4967 0.5033
0.5182 0.5330 0.5158 0.5355 0.5544
0.5851 0.6136 0.6374 0.5642 0.5975
0.6312 0.6607 0.6650 0.6846 0.6391
0.6835 0.7294 0.7758 0.8189 0.8598
0.8991 0.8664 0.9059 0.9561 1.0000

Width:

0.0107 0.0187 0.0199 0.0210 0.0221
0.0232 0.0244 0.0255 0.0266 0.0278
0.0289 0.0302 0.0315 0.0329 0.0490
0.0599 0.0690 0.0837 0.1039 0.1290
0.1522 0.1952 0.2065 0.2209 0.2327
0.2386 0.2461 0.2750 0.3507 0.3861
0.4048 0.4374 0.5017 0.5637 0.5960
0.6338 0.6743 0.7263 0.7845 0.8189
0.8464 0.8596 0.8786 0.9046 0.9208
0.9396 0.9628 0.9764 0.9836 1.0000

Transect C12

Area:

0.0006	0.0025	0.0048	0.0074	0.0102
0.0134	0.0168	0.0207	0.0252	0.0312
0.0384	0.0462	0.0547	0.0639	0.0741
0.0856	0.0988	0.1136	0.1295	0.1463
0.1640	0.1824	0.2014	0.2209	0.2408
0.2619	0.2851	0.3102	0.3360	0.3620
0.3885	0.4155	0.4430	0.4712	0.4998
0.5288	0.5583	0.5881	0.6184	0.6491
0.6803	0.7118	0.7451	0.7805	0.8162
0.8524	0.8888	0.9254	0.9624	1.0000

Hrad:

0.0190	0.0426	0.0737	0.1024	0.1294
0.1550	0.1793	0.1858	0.1883	0.1724
0.1934	0.2144	0.2363	0.2519	0.2600
0.2751	0.2919	0.2794	0.2999	0.3222
0.3441	0.3684	0.3971	0.4256	0.4537
0.4758	0.4925	0.4611	0.4912	0.5245
0.5517	0.5775	0.6030	0.6298	0.6582
0.6864	0.7142	0.7418	0.7692	0.7964
0.8233	0.8500	0.8048	0.8326	0.8603
0.8918	0.9230	0.9541	0.9805	1.0000

Width:

0.0330	0.0576	0.0648	0.0719	0.0791
0.0862	0.0935	0.1112	0.1341	0.1808
0.1985	0.2157	0.2316	0.2535	0.2850
0.3249	0.3686	0.4064	0.4318	0.4541
0.4765	0.4951	0.5073	0.5191	0.5309
0.5851	0.6381	0.6728	0.6839	0.6902
0.7041	0.7194	0.7348	0.7481	0.7593
0.7704	0.7816	0.7928	0.8039	0.8151
0.8263	0.8374	0.9258	0.9374	0.9487
0.9558	0.9629	0.9700	0.9816	1.0000

Transect C13

Area:

0.0003	0.0010	0.0023	0.0041	0.0069
0.0102	0.0142	0.0189	0.0250	0.0327
0.0419	0.0529	0.0660	0.0814	0.0981
0.1153	0.1326	0.1508	0.1697	0.1891
0.2086	0.2287	0.2497	0.2712	0.2930
0.3153	0.3382	0.3617	0.3857	0.4103
0.4365	0.4639	0.4916	0.5198	0.5482
0.5769	0.6058	0.6349	0.6642	0.6937
0.7233	0.7531	0.7831	0.8132	0.8436
0.8743	0.9052	0.9366	0.9683	1.0000

Hrad:

0.0159	0.0331	0.0491	0.0592	0.0766
0.0974	0.1160	0.1325	0.1454	0.1548
0.1643	0.1716	0.1718	0.1725	0.1824
0.2127	0.2417	0.2618	0.2806	0.3096
0.3389	0.3645	0.3897	0.4156	0.4399
0.4644	0.4844	0.5106	0.5364	0.5614
0.5793	0.5672	0.5938	0.6196	0.6471
0.6726	0.6978	0.7249	0.7528	0.7806
0.8082	0.8358	0.8633	0.8897	0.9152

0.9405 0.9628 0.9408 0.9704 1.0000

Width:

0.0165 0.0314 0.0460 0.0735 0.0962
0.1143 0.1366 0.1668 0.2154 0.2682
0.3081 0.3806 0.4513 0.5101 0.5380
0.5421 0.5576 0.5807 0.6050 0.6108
0.6226 0.6473 0.6688 0.6821 0.6944
0.7062 0.7315 0.7483 0.7618 0.7949
0.8499 0.8657 0.8807 0.8925 0.8980
0.9058 0.9140 0.9198 0.9248 0.9298
0.9351 0.9405 0.9461 0.9528 0.9603
0.9680 0.9802 0.9956 0.9978 1.0000

Transect C14

Area:

0.0002 0.0010 0.0020 0.0037 0.0061
0.0090 0.0121 0.0155 0.0191 0.0229
0.0271 0.0319 0.0372 0.0427 0.0486
0.0568 0.0665 0.0772 0.0899 0.1035
0.1189 0.1365 0.1552 0.1746 0.1949
0.2165 0.2398 0.2650 0.2923 0.3224
0.3536 0.3852 0.4173 0.4500 0.4835
0.5172 0.5511 0.5850 0.6190 0.6531
0.6873 0.7216 0.7559 0.7903 0.8248
0.8595 0.8943 0.9292 0.9644 1.0000

Hrad:

0.0179 0.0381 0.0648 0.0787 0.0861
0.1061 0.1327 0.1585 0.1840 0.2087
0.2286 0.2225 0.2457 0.2685 0.2902
0.2890 0.3022 0.3129 0.3134 0.3265
0.3202 0.3343 0.3521 0.3716 0.3913
0.4022 0.4004 0.4150 0.4149 0.4128
0.4085 0.4398 0.4656 0.4929 0.5123
0.5467 0.5810 0.6152 0.6493 0.6835
0.7177 0.7518 0.7858 0.8189 0.8517
0.8843 0.9161 0.9478 0.9719 1.0000

Width:

0.0109 0.0262 0.0312 0.0558 0.0770
0.0846 0.0914 0.0978 0.1039 0.1099
0.1254 0.1435 0.1513 0.1592 0.1751
0.2591 0.2841 0.3344 0.3709 0.3960
0.4779 0.5091 0.5340 0.5532 0.5853
0.6264 0.6801 0.7316 0.8040 0.8651
0.8808 0.8890 0.9088 0.9249 0.9441
0.9465 0.9489 0.9513 0.9537 0.9558
0.9579 0.9601 0.9622 0.9652 0.9686
0.9720 0.9762 0.9805 0.9923 1.0000

Transect C16

Area:

0.0007 0.0023 0.0046 0.0085 0.0136
0.0202 0.0276 0.0352 0.0431 0.0510
0.0595 0.0686 0.0784 0.0886 0.0991
0.1098 0.1212 0.1328 0.1446 0.1566
0.1688 0.1811 0.1936 0.2064 0.2196
0.2329 0.2469 0.2626 0.2794 0.2972
0.3166 0.3373 0.3602 0.3861 0.4159

0.4481 0.4817 0.5167 0.5526 0.5894
0.6272 0.6657 0.7053 0.7454 0.7860
0.8271 0.8690 0.9119 0.9558 1.0000

Hrad:

0.0287 0.0515 0.0806 0.0942 0.1056
0.1263 0.1637 0.2044 0.2441 0.2830
0.3193 0.3527 0.3482 0.3841 0.4196
0.4544 0.4711 0.5080 0.5449 0.5814
0.6171 0.6524 0.6854 0.7136 0.7414
0.7720 0.8006 0.7739 0.7965 0.8217
0.8440 0.8593 0.8704 0.8620 0.7616
0.7749 0.7864 0.7017 0.7346 0.7563
0.7907 0.8230 0.8557 0.8881 0.9201
0.9517 0.9852 1.0145 0.9744 1.0000

Width:

0.0255 0.0446 0.0686 0.0990 0.1352
0.1601 0.1686 0.1724 0.1764 0.1819
0.1960 0.2099 0.2252 0.2308 0.2362
0.2481 0.2573 0.2615 0.2654 0.2694
0.2735 0.2776 0.2825 0.2893 0.2961
0.3017 0.3344 0.3625 0.3876 0.4174
0.4456 0.4874 0.5392 0.6184 0.6995
0.7338 0.7665 0.7951 0.8108 0.8364
0.8508 0.8736 0.8890 0.9008 0.9123
0.9261 0.9482 0.9674 0.9809 1.0000

Transect C17

Area:

0.0003 0.0007 0.0012 0.0018 0.0024
0.0032 0.0041 0.0054 0.0069 0.0090
0.0119 0.0153 0.0193 0.0243 0.0313
0.0397 0.0507 0.0637 0.0786 0.0953
0.1125 0.1309 0.1503 0.1709 0.1920
0.2139 0.2370 0.2617 0.2874 0.3144
0.3429 0.3726 0.4032 0.4344 0.4662
0.4986 0.5320 0.5667 0.6018 0.6372
0.6727 0.7083 0.7441 0.7801 0.8162
0.8526 0.8891 0.9259 0.9628 1.0000

Hrad:

0.0256 0.0544 0.0799 0.1035 0.1258
0.1474 0.1409 0.1528 0.1668 0.1734
0.1733 0.1828 0.1960 0.2042 0.2053
0.2056 0.1956 0.2063 0.2247 0.2467
0.2723 0.2978 0.3216 0.3488 0.3762
0.3953 0.4218 0.4460 0.4708 0.4891
0.5102 0.5218 0.5471 0.5754 0.6018
0.6273 0.6407 0.6124 0.6381 0.6735
0.7088 0.7429 0.7770 0.8106 0.8428
0.8754 0.9091 0.9421 0.9736 1.0000

Width:

0.0098 0.0122 0.0146 0.0170 0.0194
0.0218 0.0293 0.0350 0.0502 0.0636
0.0858 0.0982 0.1137 0.1619 0.2056
0.2603 0.3235 0.3691 0.4317 0.4508
0.4753 0.5000 0.5371 0.5565 0.5730
0.5968 0.6364 0.6754 0.7001 0.7432
0.7746 0.8056 0.8264 0.8385 0.8548

0.8744 0.9154 0.9300 0.9420 0.9449
0.9479 0.9522 0.9564 0.9610 0.9671
0.9725 0.9766 0.9815 0.9878 1.0000

Transect C19
Area:
0.0002 0.0006 0.0013 0.0026 0.0042
0.0061 0.0084 0.0109 0.0140 0.0180
0.0228 0.0283 0.0346 0.0413 0.0485
0.0561 0.0643 0.0731 0.0830 0.0937
0.1050 0.1172 0.1305 0.1449 0.1613
0.1794 0.1997 0.2228 0.2487 0.2763
0.3054 0.3357 0.3673 0.4002 0.4342
0.4690 0.5044 0.5402 0.5768 0.6137
0.6510 0.6887 0.7268 0.7653 0.8041
0.8431 0.8822 0.9213 0.9606 1.0000
Hrad:
0.0193 0.0406 0.0617 0.0663 0.0940
0.1231 0.1502 0.1760 0.1946 0.2080
0.2223 0.2304 0.2496 0.2700 0.2908
0.3116 0.3311 0.3501 0.3499 0.3711
0.3918 0.4108 0.4272 0.4407 0.4509
0.4637 0.4686 0.4571 0.4694 0.4838
0.4569 0.4796 0.4949 0.5173 0.5438
0.5431 0.5763 0.6089 0.6414 0.6739
0.7065 0.7386 0.7707 0.8007 0.8337
0.8561 0.8921 0.9281 0.9641 1.0000
Width:
0.0078 0.0146 0.0223 0.0381 0.0448
0.0528 0.0603 0.0674 0.0904 0.1121
0.1296 0.1545 0.1651 0.1760 0.1879
0.2000 0.2144 0.2302 0.2632 0.2778
0.2958 0.3248 0.3482 0.3877 0.4398
0.4775 0.5503 0.6196 0.6812 0.7190
0.7530 0.7862 0.8173 0.8507 0.8752
0.8900 0.9023 0.9196 0.9316 0.9410
0.9503 0.9607 0.9712 0.9815 0.9872
0.9898 0.9924 0.9949 0.9975 1.0000

Transect C20
Area:
0.0002 0.0006 0.0014 0.0024 0.0036
0.0048 0.0061 0.0075 0.0090 0.0113
0.0146 0.0184 0.0225 0.0270 0.0319
0.0372 0.0428 0.0492 0.0569 0.0656
0.0753 0.0859 0.0976 0.1104 0.1237
0.1397 0.1580 0.1785 0.2001 0.2235
0.2477 0.2725 0.2991 0.3284 0.3600
0.3930 0.4268 0.4622 0.5014 0.5431
0.5861 0.6294 0.6730 0.7169 0.7624
0.8089 0.8559 0.9032 0.9510 1.0000
Hrad:
0.0253 0.0506 0.0759 0.1080 0.1510
0.1920 0.2314 0.2694 0.3060 0.3104
0.3105 0.3198 0.3361 0.3513 0.3690
0.3886 0.4095 0.4264 0.4392 0.4478
0.4534 0.4651 0.3967 0.4330 0.4564

0.4235 0.4487 0.4298 0.4612 0.4750
0.5122 0.5484 0.5612 0.5527 0.5611
0.5963 0.6357 0.6659 0.6380 0.6414
0.6885 0.7352 0.7803 0.8236 0.8405
0.8748 0.9209 0.9639 1.0014 1.0000
Width:
0.0060 0.0120 0.0180 0.0224 0.0237
0.0251 0.0264 0.0277 0.0308 0.0598
0.0699 0.0781 0.0849 0.0923 0.1001
0.1077 0.1153 0.1412 0.1615 0.1815
0.2005 0.2182 0.2476 0.2558 0.2798
0.3339 0.3855 0.4169 0.4350 0.4702
0.4833 0.4967 0.5483 0.5964 0.6414
0.6590 0.6793 0.7222 0.7977 0.8465
0.8512 0.8559 0.8623 0.8776 0.9070
0.9246 0.9294 0.9369 0.9496 1.0000

Transect C22
Area:
0.0001 0.0003 0.0007 0.0013 0.0020
0.0029 0.0044 0.0072 0.0108 0.0147
0.0188 0.0231 0.0280 0.0334 0.0390
0.0448 0.0509 0.0572 0.0639 0.0721
0.0829 0.0946 0.1088 0.1249 0.1418
0.1597 0.1782 0.1971 0.2168 0.2376
0.2596 0.2828 0.3071 0.3320 0.3575
0.3837 0.4132 0.4493 0.4859 0.5247
0.5667 0.6115 0.6580 0.7051 0.7527
0.8010 0.8500 0.8995 0.9494 1.0000
Hrad:
0.0254 0.0508 0.0762 0.1016 0.1270
0.1489 0.1437 0.1068 0.1479 0.1887
0.2267 0.2587 0.2755 0.3082 0.3468
0.3844 0.4189 0.4508 0.4696 0.4853
0.4930 0.5085 0.5033 0.3886 0.4114
0.4471 0.4846 0.5218 0.5472 0.5658
0.5890 0.6036 0.6354 0.6705 0.7065
0.7267 0.5854 0.6330 0.6615 0.7026
0.7353 0.6880 0.7147 0.7603 0.7959
0.8395 0.8782 0.9229 0.9639 1.0000
Width:
0.0032 0.0064 0.0096 0.0128 0.0160
0.0196 0.0405 0.0677 0.0732 0.0777
0.0826 0.0893 0.1016 0.1082 0.1124
0.1165 0.1214 0.1267 0.1359 0.2001
0.2214 0.2455 0.3054 0.3211 0.3445
0.3570 0.3675 0.3776 0.3959 0.4197
0.4405 0.4684 0.4831 0.4950 0.5058
0.5279 0.7058 0.7096 0.7372 0.7990
0.8609 0.8917 0.9206 0.9274 0.9456
0.9542 0.9679 0.9747 0.9850 1.0000

Transect C23
Area:
0.0005 0.0023 0.0058 0.0104 0.0168
0.0252 0.0345 0.0451 0.0570 0.0702
0.0853 0.1023 0.1204 0.1395 0.1592

0.1797 0.2003 0.2210 0.2417 0.2625
0.2833 0.3041 0.3250 0.3459 0.3669
0.3880 0.4091 0.4303 0.4515 0.4728
0.4942 0.5157 0.5373 0.5594 0.5822
0.6061 0.6307 0.6559 0.6818 0.7088
0.7366 0.7649 0.7934 0.8223 0.8516
0.8811 0.9105 0.9401 0.9697 1.0000
Hrad:
0.0157 0.0259 0.0453 0.0648 0.0756
0.0967 0.1185 0.1388 0.1576 0.1723
0.1707 0.1868 0.1971 0.2235 0.2493
0.2605 0.2897 0.3189 0.3481 0.3771
0.4062 0.4351 0.4640 0.4925 0.5207
0.5488 0.5769 0.6048 0.6325 0.6601
0.6876 0.7150 0.7423 0.7686 0.7940
0.8171 0.8385 0.8594 0.8110 0.8283
0.8439 0.8656 0.8870 0.9072 0.8628
0.8910 0.9186 0.9461 0.9735 1.0000
Width:
0.0298 0.0997 0.1300 0.1685 0.2503
0.2908 0.3243 0.3628 0.4026 0.4555
0.5268 0.5776 0.6058 0.6365 0.6521
0.6736 0.6749 0.6763 0.6777 0.6790
0.6804 0.6817 0.6831 0.6849 0.6870
0.6890 0.6911 0.6932 0.6955 0.6978
0.7001 0.7024 0.7161 0.7315 0.7636
0.7940 0.8137 0.8329 0.8583 0.9001
0.9169 0.9276 0.9383 0.9527 0.9607
0.9623 0.9645 0.9668 0.9751 1.0000

Transect C26
Area:
0.0000 0.0002 0.0004 0.0006 0.0010
0.0015 0.0020 0.0026 0.0032 0.0039
0.0047 0.0061 0.0084 0.0112 0.0144
0.0184 0.0244 0.0324 0.0418 0.0531
0.0660 0.0803 0.0955 0.1118 0.1292
0.1479 0.1679 0.1898 0.2137 0.2386
0.2645 0.2920 0.3215 0.3532 0.3864
0.4213 0.4572 0.4941 0.5320 0.5712
0.6112 0.6521 0.6936 0.7357 0.7784
0.8221 0.8662 0.9106 0.9552 1.0000
Hrad:
0.0225 0.0450 0.0674 0.0899 0.1124
0.1349 0.1574 0.1861 0.2165 0.2458
0.2705 0.2616 0.2468 0.2465 0.2544
0.2617 0.2389 0.2452 0.2564 0.2674
0.2826 0.3009 0.3248 0.3503 0.3758
0.3959 0.4174 0.4238 0.4468 0.4703
0.4946 0.4930 0.5035 0.5196 0.5414
0.5710 0.6021 0.6247 0.6567 0.6829
0.7092 0.7400 0.7791 0.8178 0.8501
0.8474 0.8885 0.9282 0.9677 1.0000
Width:
0.0018 0.0036 0.0054 0.0072 0.0090
0.0108 0.0126 0.0138 0.0149 0.0159
0.0214 0.0436 0.0563 0.0660 0.0771

0.1012 0.1585 0.1952 0.2276 0.2734
0.2996 0.3289 0.3506 0.3748 0.3990
0.4308 0.4699 0.5140 0.5437 0.5660
0.5878 0.6333 0.6820 0.7253 0.7617
0.7886 0.8103 0.8327 0.8578 0.8834
0.8977 0.9188 0.9304 0.9410 0.9611
0.9809 0.9847 0.9898 0.9949 1.0000

Transect C27
Area:
0.0004 0.0013 0.0023 0.0035 0.0048
0.0062 0.0084 0.0113 0.0152 0.0197
0.0249 0.0313 0.0389 0.0470 0.0556
0.0646 0.0739 0.0836 0.0940 0.1050
0.1172 0.1306 0.1448 0.1601 0.1763
0.1934 0.2117 0.2313 0.2528 0.2766
0.3023 0.3297 0.3582 0.3891 0.4213
0.4553 0.4903 0.5261 0.5625 0.5993
0.6369 0.6756 0.7150 0.7549 0.7952
0.8357 0.8764 0.9174 0.9586 1.0000
Hrad:
0.0205 0.0536 0.0868 0.1175 0.1465
0.1740 0.1825 0.1764 0.1460 0.1751
0.1855 0.2083 0.2033 0.2324 0.2649
0.2988 0.3318 0.3633 0.3900 0.4130
0.4394 0.4400 0.4265 0.4581 0.4880
0.5167 0.5433 0.5663 0.5861 0.6034
0.6199 0.6384 0.6582 0.6676 0.6782
0.6787 0.6947 0.6951 0.7190 0.7456
0.7710 0.7947 0.7729 0.8074 0.8292
0.8665 0.9032 0.9397 0.9626 1.0000
Width:
0.0181 0.0238 0.0266 0.0294 0.0322
0.0371 0.0630 0.0805 0.1029 0.1146
0.1410 0.1678 0.1892 0.2028 0.2124
0.2200 0.2278 0.2420 0.2575 0.2779
0.3082 0.3331 0.3563 0.3800 0.3970
0.4282 0.4555 0.4947 0.5474 0.5966
0.6409 0.6751 0.7099 0.7595 0.7959
0.8323 0.8528 0.8698 0.8832 0.8949
0.9215 0.9408 0.9575 0.9662 0.9733
0.9782 0.9843 0.9907 0.9959 1.0000

Transect C28
Area:
0.0003 0.0014 0.0027 0.0042 0.0058
0.0076 0.0096 0.0117 0.0144 0.0176
0.0213 0.0253 0.0296 0.0343 0.0393
0.0447 0.0504 0.0565 0.0630 0.0698
0.0791 0.0906 0.1035 0.1178 0.1336
0.1506 0.1694 0.1900 0.2122 0.2354
0.2596 0.2845 0.3102 0.3367 0.3640
0.3923 0.4214 0.4511 0.4815 0.5126
0.5452 0.5788 0.6131 0.6525 0.7045
0.7611 0.8198 0.8794 0.9394 1.0000
Hrad:
0.0304 0.0667 0.1163 0.1619 0.2046

0.2453 0.2863 0.3236 0.3493 0.3717
0.3951 0.4202 0.4466 0.4713 0.4967
0.5230 0.5497 0.5760 0.6010 0.6242
0.6246 0.6185 0.5605 0.5794 0.5942
0.5920 0.5863 0.6026 0.5660 0.6035
0.6432 0.6856 0.7225 0.7613 0.7961
0.8307 0.8714 0.9143 0.9526 0.9899
1.0019 1.0373 1.0782 1.1019 1.0604
1.0496 0.8441 0.8947 0.9476 1.0000

Width:

0.0113 0.0204 0.0230 0.0256 0.0283
0.0309 0.0333 0.0396 0.0494 0.0563
0.0627 0.0685 0.0740 0.0799 0.0856
0.0913 0.0970 0.1030 0.1094 0.1256
0.1758 0.1998 0.2273 0.2471 0.2689
0.2936 0.3249 0.3507 0.3747 0.3900
0.4035 0.4149 0.4292 0.4422 0.4572
0.4722 0.4836 0.4934 0.5055 0.5226
0.5443 0.5582 0.5730 0.7674 0.9106
0.9556 0.9718 0.9832 0.9916 1.0000

Transect C3

Area:

0.0009 0.0024 0.0043 0.0063 0.0085
0.0107 0.0132 0.0158 0.0185 0.0213
0.0243 0.0275 0.0309 0.0343 0.0380
0.0418 0.0458 0.0499 0.0543 0.0597
0.0677 0.0777 0.0904 0.1076 0.1280
0.1502 0.1731 0.1966 0.2206 0.2451
0.2703 0.2961 0.3224 0.3494 0.3770
0.4052 0.4337 0.4627 0.4932 0.5254
0.5594 0.5962 0.6369 0.6839 0.7338
0.7850 0.8378 0.8910 0.9450 1.0000

Hrad:

0.0390 0.0764 0.1246 0.1699 0.2131
0.2543 0.2941 0.3341 0.3712 0.4055
0.4393 0.4724 0.5051 0.5374 0.5693
0.6009 0.6349 0.6678 0.6972 0.7143
0.7012 0.6698 0.6206 0.5881 0.5582
0.5476 0.5538 0.5676 0.5941 0.6233
0.6510 0.6831 0.7168 0.7372 0.7728
0.8095 0.8513 0.8938 0.9050 0.9380
0.9748 1.0046 1.0290 1.0022 1.0239
1.0506 0.9638 1.0095 1.0308 1.0000

Width:

0.0225 0.0321 0.0346 0.0372 0.0398
0.0423 0.0449 0.0472 0.0498 0.0526
0.0555 0.0583 0.0611 0.0640 0.0668
0.0696 0.0722 0.0748 0.0838 0.1213
0.1619 0.1982 0.2688 0.3435 0.3860
0.4054 0.4151 0.4256 0.4342 0.4439
0.4589 0.4669 0.4751 0.4900 0.4992
0.5083 0.5151 0.5243 0.5649 0.5881
0.6286 0.6854 0.7847 0.8772 0.9092
0.9284 0.9517 0.9560 0.9751 1.0000

Transect C30

Area:

0.0000	0.0001	0.0003	0.0005	0.0007
0.0010	0.0014	0.0018	0.0023	0.0028
0.0034	0.0041	0.0048	0.0055	0.0063
0.0071	0.0080	0.0089	0.0098	0.0107
0.0117	0.0136	0.0170	0.0212	0.0268
0.0360	0.0497	0.0662	0.0851	0.1052
0.1278	0.1531	0.1803	0.2097	0.2430
0.2785	0.3155	0.3555	0.3982	0.4442
0.4923	0.5424	0.5946	0.6489	0.7053
0.7627	0.8208	0.8797	0.9394	1.0000

Hrad:

0.0288	0.0576	0.0864	0.1153	0.1441
0.1729	0.2017	0.2305	0.2593	0.2882
0.3170	0.3458	0.3746	0.4141	0.4534
0.4919	0.5297	0.5667	0.6032	0.6391
0.6745	0.6508	0.5826	0.5334	0.4931
0.4260	0.3801	0.3621	0.3660	0.3878
0.4088	0.4330	0.4595	0.4833	0.4770
0.5094	0.5352	0.5617	0.5939	0.6244
0.6616	0.7001	0.7377	0.7545	0.7893
0.8329	0.8764	0.9211	0.9702	1.0000

Width:

0.0009	0.0018	0.0028	0.0037	0.0046
0.0055	0.0065	0.0074	0.0083	0.0092
0.0101	0.0111	0.0120	0.0125	0.0131
0.0136	0.0141	0.0147	0.0152	0.0157
0.0163	0.0482	0.0622	0.0769	0.1052
0.1972	0.2491	0.2908	0.3191	0.3390
0.3949	0.4295	0.4595	0.5028	0.5664
0.5911	0.6265	0.6721	0.7290	0.7677
0.8030	0.8362	0.8666	0.9011	0.9318
0.9418	0.9535	0.9716	0.9780	1.0000

Transect C31

Area:

0.0001	0.0014	0.0046	0.0093	0.0151
0.0213	0.0280	0.0353	0.0432	0.0516
0.0603	0.0692	0.0784	0.0879	0.0979
0.1085	0.1200	0.1325	0.1458	0.1597
0.1744	0.1900	0.2062	0.2228	0.2401
0.2582	0.2773	0.2984	0.3214	0.3462
0.3721	0.3995	0.4288	0.4587	0.4889
0.5196	0.5507	0.5823	0.6145	0.6475
0.6811	0.7153	0.7499	0.7849	0.8201
0.8555	0.8911	0.9271	0.9633	1.0000

Hrad:

0.0168	0.0240	0.0429	0.0696	0.0952
0.1271	0.1571	0.1771	0.2042	0.2337
0.2632	0.2923	0.3210	0.3510	0.3808
0.4065	0.4271	0.4486	0.4706	0.4921
0.4967	0.5220	0.5475	0.5733	0.5982
0.6220	0.6442	0.6614	0.6772	0.6920
0.7076	0.7128	0.6800	0.7028	0.7264
0.7505	0.7751	0.7963	0.8047	0.8323
0.8593	0.8864	0.9134	0.9198	0.9489
0.9771	1.0036	1.0301	1.0573	1.0000

Width:

0.0114	0.0585	0.1117	0.1425	0.1629
0.1744	0.1864	0.2081	0.2217	0.2310
0.2381	0.2453	0.2525	0.2597	0.2781
0.2993	0.3255	0.3483	0.3671	0.3855
0.4213	0.4293	0.4430	0.4564	0.4779
0.5021	0.5357	0.6008	0.6480	0.6871
0.7159	0.7737	0.8014	0.8128	0.8241
0.8354	0.8462	0.8630	0.8790	0.9046
0.9170	0.9294	0.9418	0.9499	0.9541
0.9599	0.9685	0.9770	0.9846	1.0000

Transect C32

Area:

0.0005	0.0017	0.0044	0.0079	0.0123
0.0186	0.0266	0.0359	0.0462	0.0580
0.0725	0.0886	0.1062	0.1257	0.1467
0.1684	0.1905	0.2125	0.2347	0.2568
0.2790	0.3013	0.3236	0.3459	0.3683
0.3908	0.4133	0.4362	0.4594	0.4831
0.5072	0.5315	0.5564	0.5815	0.6067
0.6320	0.6574	0.6829	0.7084	0.7340
0.7596	0.7853	0.8113	0.8374	0.8638
0.8903	0.9171	0.9444	0.9720	1.0000

Hrad:

0.0190	0.0309	0.0403	0.0598	0.0724
0.0819	0.0964	0.1074	0.1315	0.1522
0.1671	0.1800	0.1774	0.1829	0.2009
0.2266	0.2449	0.2727	0.3005	0.3282
0.3559	0.3836	0.4110	0.4381	0.4652
0.4922	0.5175	0.5347	0.5598	0.5814
0.5963	0.6223	0.6477	0.6534	0.6794
0.7057	0.7319	0.7582	0.7851	0.8118
0.8386	0.8651	0.8913	0.9172	0.9429
0.9684	0.9935	1.0175	1.0383	1.0000

Width:

0.0248	0.0696	0.1134	0.1385	0.1815
0.2521	0.3090	0.3466	0.3844	0.4780
0.5438	0.5900	0.6628	0.7206	0.7609
0.7738	0.7804	0.7818	0.7832	0.7847
0.7861	0.7876	0.7893	0.7914	0.7935
0.7956	0.8004	0.8174	0.8264	0.8481
0.8519	0.8716	0.8850	0.8911	0.8942
0.8967	0.8993	0.9015	0.9031	0.9047
0.9064	0.9141	0.9226	0.9279	0.9332
0.9431	0.9529	0.9730	0.9834	1.0000

Transect C33

Area:

0.0011	0.0038	0.0090	0.0174	0.0294
0.0426	0.0571	0.0723	0.0878	0.1036
0.1197	0.1364	0.1540	0.1728	0.1927
0.2145	0.2368	0.2592	0.2816	0.3041
0.3266	0.3491	0.3716	0.3942	0.4167
0.4393	0.4620	0.4846	0.5072	0.5299
0.5526	0.5753	0.5981	0.6210	0.6440
0.6671	0.6902	0.7134	0.7367	0.7600

0.7835 0.8070 0.8306 0.8543 0.8781
0.9020 0.9261 0.9504 0.9750 1.0000
Hrad:
0.0133 0.0311 0.0419 0.0489 0.0601
0.0812 0.0980 0.1211 0.1443 0.1674
0.1898 0.2078 0.2191 0.2367 0.2471
0.2675 0.2719 0.2973 0.3227 0.3480
0.3733 0.3986 0.4239 0.4491 0.4743
0.4996 0.5248 0.5501 0.5753 0.6005
0.6256 0.6507 0.6757 0.7006 0.7254
0.7501 0.7747 0.7988 0.8228 0.8467
0.8705 0.8942 0.9179 0.9413 0.9636
0.9857 1.0077 1.0268 1.0425 1.0000
Width:
0.0817 0.1379 0.2574 0.4135 0.4925
0.5411 0.5865 0.6007 0.6124 0.6241
0.6413 0.6702 0.7181 0.7462 0.8446
0.8639 0.8764 0.8773 0.8782 0.8792
0.8801 0.8810 0.8820 0.8829 0.8838
0.8846 0.8853 0.8861 0.8868 0.8875
0.8883 0.8903 0.8940 0.8978 0.9010
0.9036 0.9062 0.9093 0.9125 0.9156
0.9188 0.9220 0.9252 0.9285 0.9340
0.9397 0.9456 0.9553 0.9686 1.0000

Transect C36
Area:
0.0001 0.0005 0.0018 0.0036 0.0057
0.0083 0.0117 0.0166 0.0225 0.0292
0.0373 0.0472 0.0579 0.0696 0.0829
0.0980 0.1150 0.1330 0.1520 0.1718
0.1926 0.2144 0.2372 0.2611 0.2861
0.3118 0.3384 0.3653 0.3926 0.4201
0.4477 0.4757 0.5038 0.5322 0.5607
0.5893 0.6180 0.6468 0.6757 0.7048
0.7339 0.7631 0.7925 0.8220 0.8515
0.8810 0.9106 0.9403 0.9701 1.0000
Hrad:
0.0150 0.0229 0.0377 0.0557 0.0759
0.0928 0.0955 0.1098 0.1225 0.1353
0.1407 0.1509 0.1702 0.1883 0.2047
0.2134 0.2260 0.2451 0.2656 0.2851
0.3039 0.3221 0.3336 0.3508 0.3660
0.3875 0.4054 0.4302 0.4551 0.4805
0.5061 0.5316 0.5572 0.5752 0.6021
0.6298 0.6574 0.6847 0.7120 0.7393
0.7664 0.7935 0.8205 0.8432 0.8715
0.8997 0.9279 0.9547 0.9793 1.0000
Width:
0.0064 0.0319 0.0508 0.0654 0.0760
0.0968 0.1413 0.1798 0.2116 0.2378
0.3047 0.3456 0.3745 0.4125 0.4676
0.5369 0.5887 0.6173 0.6468 0.6764
0.7093 0.7435 0.7772 0.8144 0.8483
0.8706 0.8951 0.9037 0.9124 0.9198
0.9275 0.9353 0.9425 0.9488 0.9527
0.9557 0.9587 0.9623 0.9660 0.9697

0.9735	0.9772	0.9810	0.9834	0.9850
0.9865	0.9881	0.9908	0.9954	1.0000

Transect C37

Area:

0.0010	0.0038	0.0073	0.0112	0.0159
0.0213	0.0275	0.0362	0.0486	0.0628
0.0780	0.0936	0.1097	0.1264	0.1434
0.1612	0.1795	0.1982	0.2172	0.2366
0.2571	0.2788	0.3007	0.3230	0.3458
0.3692	0.3930	0.4173	0.4425	0.4678
0.4933	0.5189	0.5446	0.5704	0.5963
0.6223	0.6484	0.6747	0.7011	0.7275
0.7542	0.7809	0.8079	0.8349	0.8621
0.8894	0.9169	0.9445	0.9722	1.0000

Hrad:

0.0163	0.0335	0.0544	0.0756	0.0847
0.1044	0.1208	0.1228	0.1134	0.1175
0.1414	0.1655	0.1860	0.2103	0.2311
0.2481	0.2709	0.2935	0.3165	0.3378
0.3487	0.3563	0.3794	0.4025	0.4158
0.4370	0.4589	0.4666	0.4882	0.5138
0.5393	0.5650	0.5906	0.6161	0.6408
0.6655	0.6908	0.7160	0.7406	0.7647
0.7882	0.8114	0.8352	0.8590	0.8830
0.9070	0.9304	0.9537	0.9769	1.0000

Width:

0.0702	0.1141	0.1339	0.1487	0.1873
0.2038	0.2575	0.3788	0.4932	0.5350
0.5516	0.5657	0.5900	0.6007	0.6204
0.6498	0.6628	0.6754	0.6864	0.7112
0.7668	0.7824	0.7927	0.8025	0.8318
0.8450	0.8564	0.8944	0.9064	0.9106
0.9148	0.9185	0.9220	0.9257	0.9305
0.9351	0.9387	0.9423	0.9466	0.9514
0.9568	0.9625	0.9673	0.9721	0.9764
0.9807	0.9855	0.9903	0.9952	1.0000

Transect C39

Area:

0.0001	0.0004	0.0009	0.0016	0.0025
0.0035	0.0046	0.0059	0.0072	0.0087
0.0103	0.0120	0.0138	0.0157	0.0177
0.0199	0.0222	0.0248	0.0279	0.0318
0.0364	0.0416	0.0472	0.0539	0.0624
0.0740	0.0889	0.1070	0.1283	0.1534
0.1812	0.2113	0.2442	0.2798	0.3170
0.3558	0.3963	0.4388	0.4834	0.5288
0.5748	0.6212	0.6679	0.7147	0.7617
0.8089	0.8562	0.9039	0.9518	1.0000

Hrad:

0.0243	0.0485	0.0728	0.0997	0.1306
0.1598	0.1879	0.2153	0.2421	0.2737
0.3056	0.3368	0.3672	0.3965	0.4081
0.4218	0.4370	0.4310	0.4396	0.4555
0.4661	0.4776	0.4908	0.4880	0.4809
0.4446	0.3369	0.3212	0.3433	0.3634

0.3864 0.4109 0.4294 0.4549 0.4815
0.5105 0.5299 0.5486 0.5540 0.5733
0.6150 0.6561 0.7011 0.7467 0.7922
0.8377 0.8808 0.9226 0.9610 1.0000

Width:

0.0042 0.0084 0.0126 0.0164 0.0191
0.0218 0.0245 0.0272 0.0299 0.0319
0.0338 0.0357 0.0376 0.0395 0.0433
0.0471 0.0509 0.0577 0.0691 0.0880
0.1023 0.1114 0.1205 0.1545 0.2044
0.2729 0.3423 0.4053 0.4859 0.5481
0.5967 0.6471 0.7169 0.7497 0.7872
0.8165 0.8535 0.9099 0.9272 0.9451
0.9535 0.9616 0.9654 0.9684 0.9715
0.9746 0.9800 0.9866 0.9906 1.0000

Transect C4

Area:

0.0007 0.0020 0.0042 0.0069 0.0101
0.0138 0.0180 0.0225 0.0273 0.0324
0.0384 0.0456 0.0544 0.0651 0.0777
0.0909 0.1045 0.1189 0.1342 0.1499
0.1660 0.1826 0.1999 0.2178 0.2366
0.2569 0.2787 0.3025 0.3282 0.3558
0.3841 0.4130 0.4427 0.4732 0.5043
0.5358 0.5675 0.5994 0.6315 0.6638
0.6962 0.7289 0.7617 0.7949 0.8282
0.8620 0.8960 0.9302 0.9648 1.0000

Hrad:

0.0213 0.0431 0.0573 0.0826 0.1018
0.1215 0.1440 0.1685 0.1921 0.2115
0.2225 0.2364 0.2467 0.2065 0.2108
0.2355 0.2641 0.2915 0.3179 0.3447
0.3720 0.3985 0.4238 0.4468 0.4532
0.4489 0.4726 0.4770 0.4959 0.4656
0.4905 0.5151 0.5371 0.5608 0.5737
0.6046 0.6355 0.6665 0.6978 0.7290
0.7602 0.7913 0.8204 0.8490 0.8749
0.9016 0.9310 0.9602 0.9786 1.0000

Width:

0.0308 0.0463 0.0720 0.0825 0.0974
0.1118 0.1229 0.1313 0.1397 0.1506
0.1853 0.2175 0.2785 0.3425 0.3620
0.3789 0.3914 0.4209 0.4374 0.4491
0.4591 0.4808 0.4950 0.5120 0.5476
0.5973 0.6391 0.7028 0.7523 0.7897
0.8057 0.8236 0.8495 0.8695 0.8831
0.8898 0.8963 0.9021 0.9075 0.9128
0.9177 0.9226 0.9296 0.9367 0.9464
0.9552 0.9612 0.9672 0.9847 1.0000

Transect C40

Area:

0.0011 0.0026 0.0043 0.0064 0.0087
0.0115 0.0146 0.0183 0.0227 0.0272
0.0321 0.0372 0.0428 0.0486 0.0546
0.0611 0.0682 0.0762 0.0846 0.0935

0.1028 0.1123 0.1221 0.1321 0.1427
0.1549 0.1688 0.1844 0.2014 0.2201
0.2403 0.2636 0.2914 0.3226 0.3567
0.3939 0.4334 0.4743 0.5159 0.5580
0.6006 0.6437 0.6872 0.7311 0.7753
0.8198 0.8645 0.9094 0.9546 1.0000

Hrad:

0.0347 0.0716 0.1048 0.1320 0.1564
0.1745 0.2043 0.1988 0.2308 0.2635
0.2953 0.3139 0.3441 0.3730 0.4005
0.3993 0.4231 0.4185 0.4478 0.4665
0.4983 0.5302 0.5616 0.5925 0.6211
0.6409 0.5755 0.5234 0.5443 0.5282
0.5515 0.5286 0.5141 0.5405 0.5484
0.5178 0.5045 0.5320 0.5728 0.6131
0.6515 0.6919 0.7324 0.7729 0.8154
0.8576 0.8997 0.9417 0.9835 1.0000

Width:

0.0305 0.0359 0.0413 0.0482 0.0557
0.0660 0.0717 0.0921 0.0982 0.1034
0.1086 0.1186 0.1243 0.1302 0.1364
0.1530 0.1613 0.1821 0.1891 0.2005
0.2063 0.2119 0.2174 0.2230 0.2532
0.2831 0.3300 0.3624 0.3899 0.4273
0.4744 0.5532 0.6581 0.7142 0.7802
0.8516 0.8817 0.9103 0.9178 0.9291
0.9426 0.9522 0.9600 0.9678 0.9732
0.9787 0.9841 0.9896 0.9951 1.0000

Transect C41

Area:

0.0000 0.0002 0.0004 0.0008 0.0012
0.0017 0.0023 0.0030 0.0039 0.0047
0.0057 0.0067 0.0078 0.0090 0.0102
0.0115 0.0129 0.0143 0.0158 0.0173
0.0189 0.0205 0.0222 0.0248 0.0297
0.0381 0.0505 0.0658 0.0842 0.1055
0.1307 0.1602 0.1932 0.2299 0.2688
0.3088 0.3502 0.3928 0.4366 0.4822
0.5288 0.5766 0.6265 0.6775 0.7299
0.7830 0.8369 0.8910 0.9453 1.0000

Hrad:

0.0274 0.0548 0.0821 0.1095 0.1369
0.1643 0.1917 0.2191 0.2481 0.2817
0.3144 0.3464 0.3778 0.4087 0.4410
0.4751 0.5087 0.5417 0.5742 0.6064
0.6382 0.6697 0.7009 0.6952 0.6262
0.5339 0.4551 0.4164 0.3936 0.3777
0.3769 0.3305 0.3554 0.3389 0.3848
0.4311 0.4643 0.5110 0.5524 0.5952
0.6421 0.6824 0.7278 0.7729 0.8182
0.8645 0.8574 0.9101 0.9599 1.0000

Width:

0.0017 0.0035 0.0052 0.0069 0.0087
0.0104 0.0121 0.0139 0.0155 0.0168
0.0181 0.0194 0.0206 0.0219 0.0231
0.0242 0.0252 0.0263 0.0274 0.0284

0.0295 0.0305 0.0316 0.0655 0.1198
0.1890 0.2529 0.3121 0.3592 0.4206
0.4934 0.5750 0.6347 0.6981 0.7191
0.7398 0.7670 0.7849 0.8150 0.8414
0.8589 0.8895 0.9206 0.9435 0.9612
0.9714 0.9842 0.9872 0.9932 1.0000

Transect C43
Area:
0.0002 0.0010 0.0021 0.0034 0.0052
0.0078 0.0107 0.0147 0.0198 0.0265
0.0334 0.0405 0.0478 0.0556 0.0642
0.0735 0.0834 0.0941 0.1060 0.1187
0.1319 0.1454 0.1594 0.1740 0.1898
0.2075 0.2262 0.2458 0.2663 0.2875
0.3093 0.3321 0.3565 0.3832 0.4126
0.4448 0.4795 0.5157 0.5527 0.5904
0.6288 0.6677 0.7071 0.7472 0.7878
0.8290 0.8709 0.9134 0.9566 1.0000
Hrad:
0.0218 0.0445 0.0755 0.1037 0.0970
0.1253 0.1483 0.1414 0.1645 0.1683
0.2080 0.2471 0.2849 0.3209 0.3542
0.3809 0.3845 0.4122 0.4201 0.4487
0.4801 0.5119 0.5428 0.5722 0.5962
0.6094 0.6352 0.6602 0.6847 0.7002
0.7270 0.7489 0.7668 0.7769 0.7850
0.7957 0.7815 0.7881 0.7965 0.8202
0.7848 0.8201 0.8526 0.8841 0.9162
0.9482 0.9772 1.0080 1.0209 1.0000
Width:
0.0113 0.0222 0.0274 0.0325 0.0542
0.0623 0.0780 0.1040 0.1391 0.1578
0.1610 0.1643 0.1728 0.1855 0.2082
0.2191 0.2403 0.2503 0.2875 0.2984
0.3068 0.3143 0.3286 0.3457 0.3827
0.4220 0.4408 0.4606 0.4806 0.4952
0.5086 0.5366 0.5876 0.6487 0.7016
0.7777 0.8166 0.8440 0.8595 0.8728
0.8928 0.8980 0.9151 0.9283 0.9405
0.9529 0.9714 0.9830 0.9971 1.0000

Transect C44
Area:
0.0005 0.0026 0.0070 0.0145 0.0235
0.0331 0.0438 0.0556 0.0685 0.0820
0.0963 0.1119 0.1288 0.1465 0.1657
0.1855 0.2058 0.2264 0.2471 0.2680
0.2891 0.3104 0.3319 0.3537 0.3757
0.3981 0.4207 0.4435 0.4666 0.4899
0.5135 0.5373 0.5616 0.5862 0.6109
0.6357 0.6606 0.6855 0.7107 0.7361
0.7615 0.7871 0.8127 0.8385 0.8643
0.8904 0.9171 0.9443 0.9720 1.0000
Hrad:
0.0195 0.0236 0.0388 0.0521 0.0734
0.0973 0.1187 0.1392 0.1600 0.1812

0.2015 0.2198 0.2382 0.2560 0.2712
0.2904 0.3126 0.3356 0.3589 0.3824
0.4061 0.4296 0.4528 0.4745 0.4970
0.5187 0.5407 0.5626 0.5843 0.6060
0.6268 0.6472 0.6636 0.6715 0.6982
0.7249 0.7499 0.7745 0.7954 0.8209
0.8462 0.8713 0.8964 0.9213 0.9454
0.9608 0.9655 0.9805 0.9960 1.0000

Width:

0.0313 0.1220 0.2085 0.3036 0.3280
0.3561 0.3957 0.4461 0.4653 0.4938
0.5204 0.5852 0.6101 0.6520 0.6918
0.7154 0.7237 0.7306 0.7371 0.7435
0.7496 0.7570 0.7652 0.7775 0.7863
0.7954 0.8039 0.8123 0.8210 0.8297
0.8400 0.8508 0.8666 0.8743 0.8762
0.8781 0.8821 0.8867 0.8963 0.8995
0.9030 0.9065 0.9100 0.9137 0.9180
0.9304 0.9580 0.9714 0.9846 1.0000

Transect C45

Area:

0.0008 0.0026 0.0055 0.0088 0.0127
0.0175 0.0229 0.0294 0.0379 0.0479
0.0587 0.0697 0.0814 0.0940 0.1070
0.1204 0.1342 0.1484 0.1634 0.1796
0.1966 0.2147 0.2338 0.2539 0.2750
0.2976 0.3228 0.3484 0.3744 0.4008
0.4274 0.4541 0.4811 0.5083 0.5358
0.5639 0.5922 0.6208 0.6499 0.6800
0.7105 0.7414 0.7726 0.8041 0.8359
0.8680 0.9004 0.9334 0.9666 1.0000

Hrad:

0.0233 0.0321 0.0592 0.0850 0.0993
0.1186 0.1400 0.1547 0.1480 0.1552
0.1821 0.2100 0.2249 0.2488 0.2741
0.2998 0.3247 0.3484 0.3693 0.3873
0.4049 0.4225 0.4366 0.4533 0.4661
0.4672 0.4280 0.4553 0.4829 0.5112
0.5406 0.5702 0.5996 0.6269 0.6506
0.6739 0.7008 0.7272 0.7472 0.7537
0.7791 0.8056 0.8296 0.8540 0.8808
0.9068 0.9258 0.9488 0.9774 1.0000

Width:

0.0354 0.0802 0.0932 0.1044 0.1286
0.1501 0.1738 0.2155 0.2776 0.3103
0.3235 0.3335 0.3635 0.3792 0.3919
0.4033 0.4150 0.4277 0.4642 0.4937
0.5191 0.5495 0.5825 0.6090 0.6460
0.7089 0.7555 0.7664 0.7763 0.7848
0.7912 0.7969 0.8026 0.8108 0.8235
0.8365 0.8446 0.8531 0.8819 0.9012
0.9109 0.9191 0.9298 0.9400 0.9472
0.9552 0.9704 0.9815 0.9864 1.0000

Transect C46

Area:

0.0001 0.0003 0.0007 0.0012 0.0021
0.0033 0.0054 0.0082 0.0116 0.0154
0.0195 0.0239 0.0286 0.0338 0.0395
0.0456 0.0522 0.0601 0.0698 0.0803
0.0920 0.1050 0.1186 0.1337 0.1513
0.1749 0.2020 0.2302 0.2586 0.2878
0.3176 0.3476 0.3779 0.4091 0.4412
0.4746 0.5084 0.5445 0.5812 0.6181
0.6550 0.6921 0.7292 0.7671 0.8053
0.8437 0.8823 0.9210 0.9599 1.0000

Hrad:

0.0202 0.0404 0.0606 0.0808 0.0842
0.0659 0.0949 0.1052 0.1286 0.1583
0.1861 0.2142 0.2333 0.2484 0.2705
0.2897 0.3025 0.2764 0.2940 0.3089
0.3312 0.3509 0.3770 0.3939 0.4074
0.3666 0.2952 0.3335 0.3710 0.4042
0.4283 0.4661 0.5034 0.5221 0.5558
0.5724 0.6081 0.6014 0.6391 0.6772
0.7158 0.7542 0.7897 0.8134 0.8490
0.8863 0.9234 0.9601 0.9909 1.0000

Width:

0.0038 0.0076 0.0114 0.0152 0.0240
0.0488 0.0562 0.0770 0.0891 0.0960
0.1033 0.1098 0.1208 0.1341 0.1437
0.1552 0.1701 0.2237 0.2465 0.2706
0.3000 0.3260 0.3438 0.3859 0.5331
0.6211 0.6838 0.6892 0.7000 0.7185
0.7310 0.7352 0.7448 0.7725 0.8058
0.8174 0.8503 0.8927 0.8967 0.8998
0.9022 0.9047 0.9105 0.9298 0.9352
0.9386 0.9420 0.9457 0.9559 1.0000

Transect C48

Area:

0.0002 0.0007 0.0019 0.0046 0.0101
0.0192 0.0307 0.0446 0.0604 0.0782
0.0970 0.1164 0.1363 0.1564 0.1769
0.1981 0.2199 0.2420 0.2642 0.2867
0.3093 0.3320 0.3550 0.3781 0.4013
0.4246 0.4479 0.4712 0.4946 0.5181
0.5416 0.5651 0.5887 0.6123 0.6360
0.6598 0.6836 0.7075 0.7314 0.7555
0.7796 0.8037 0.8280 0.8523 0.8767
0.9012 0.9257 0.9504 0.9751 1.0000

Hrad:

0.0126 0.0233 0.0367 0.0398 0.0452
0.0503 0.0651 0.0823 0.0974 0.1096
0.1323 0.1511 0.1725 0.1961 0.2185
0.2397 0.2570 0.2801 0.3031 0.3259
0.3484 0.3708 0.3931 0.4154 0.4390
0.4632 0.4874 0.5115 0.5356 0.5597
0.5838 0.6078 0.6316 0.6553 0.6791
0.7027 0.7264 0.7498 0.7731 0.7963
0.8195 0.8427 0.8658 0.8885 0.9112
0.9339 0.9563 0.9786 1.0008 1.0000

Width:

0.0127 0.0362 0.0594 0.1640 0.2823
0.4209 0.5142 0.5927 0.6785 0.7404
0.7605 0.7881 0.7980 0.8044 0.8326
0.8575 0.8788 0.8858 0.8928 0.8994
0.9062 0.9129 0.9196 0.9261 0.9283
0.9301 0.9319 0.9337 0.9354 0.9372
0.9390 0.9408 0.9431 0.9454 0.9477
0.9500 0.9523 0.9549 0.9581 0.9612
0.9644 0.9671 0.9698 0.9728 0.9759
0.9789 0.9823 0.9858 0.9895 1.0000

Transect C49
Area:
0.0002 0.0013 0.0034 0.0061 0.0093
0.0127 0.0162 0.0199 0.0238 0.0282
0.0336 0.0399 0.0472 0.0557 0.0666
0.0803 0.0967 0.1153 0.1360 0.1579
0.1805 0.2036 0.2272 0.2512 0.2758
0.3013 0.3276 0.3543 0.3814 0.4086
0.4360 0.4636 0.4914 0.5197 0.5486
0.5777 0.6071 0.6367 0.6666 0.6965
0.7265 0.7566 0.7868 0.8171 0.8474
0.8777 0.9082 0.9387 0.9693 1.0000
Hrad:
0.0154 0.0242 0.0471 0.0627 0.0886
0.1145 0.1407 0.1663 0.1768 0.1947
0.2106 0.2251 0.2348 0.2388 0.2413
0.2464 0.2434 0.2494 0.2116 0.2379
0.2639 0.2897 0.3156 0.3413 0.3654
0.3856 0.4106 0.4219 0.4379 0.4664
0.4947 0.5229 0.5510 0.5742 0.6026
0.6309 0.6587 0.6863 0.7140 0.7418
0.7696 0.7975 0.8219 0.8510 0.8801
0.9086 0.9366 0.9644 0.9923 1.0000
Width:
0.0133 0.0566 0.0760 0.0990 0.1070
0.1135 0.1174 0.1213 0.1356 0.1562
0.1907 0.2196 0.2536 0.3088 0.4000
0.4914 0.5706 0.6517 0.6987 0.7241
0.7430 0.7598 0.7753 0.7904 0.8117
0.8469 0.8628 0.8770 0.8831 0.8884
0.8942 0.9000 0.9094 0.9357 0.9438
0.9509 0.9599 0.9677 0.9711 0.9746
0.9781 0.9816 0.9833 0.9849 0.9865
0.9887 0.9915 0.9943 0.9972 1.0000

Transect C50
Area:
0.0006 0.0018 0.0031 0.0056 0.0082
0.0110 0.0139 0.0169 0.0200 0.0232
0.0266 0.0301 0.0342 0.0394 0.0450
0.0509 0.0574 0.0645 0.0718 0.0796
0.0878 0.0972 0.1084 0.1216 0.1361
0.1523 0.1710 0.1934 0.2189 0.2455
0.2731 0.3026 0.3338 0.3670 0.4008
0.4354 0.4707 0.5065 0.5428 0.5797
0.6175 0.6565 0.6979 0.7398 0.7821

0.8251 0.8683 0.9118 0.9556 1.0000

Hrad:

0.0300 0.0644 0.0848 0.0982 0.1345
0.1728 0.2100 0.2461 0.2812 0.3150
0.3450 0.3743 0.3052 0.3277 0.3528
0.3666 0.3757 0.3996 0.4254 0.4467
0.4601 0.4443 0.4494 0.3984 0.3914
0.4011 0.3945 0.3476 0.3770 0.4050
0.4325 0.4505 0.4638 0.4918 0.5234
0.5593 0.5925 0.6285 0.6642 0.6971
0.7193 0.7537 0.7485 0.7865 0.8176
0.8562 0.8953 0.9340 0.9661 1.0000

Width:

0.0216 0.0275 0.0415 0.0568 0.0611
0.0636 0.0661 0.0686 0.0711 0.0737
0.0770 0.0803 0.1122 0.1203 0.1274
0.1388 0.1529 0.1613 0.1689 0.1782
0.1966 0.2190 0.2755 0.3059 0.3486
0.3807 0.4489 0.5585 0.5830 0.6086
0.6340 0.6744 0.7236 0.7490 0.7685
0.7809 0.7966 0.8079 0.8192 0.8333
0.8600 0.9096 0.9339 0.9419 0.9578
0.9645 0.9704 0.9766 0.9893 1.0000

Transect C51

Area:

0.0002 0.0009 0.0024 0.0064 0.0113
0.0164 0.0216 0.0271 0.0327 0.0385
0.0445 0.0509 0.0574 0.0641 0.0710
0.0785 0.0886 0.1016 0.1160 0.1315
0.1483 0.1712 0.1949 0.2190 0.2437
0.2691 0.2947 0.3205 0.3465 0.3731
0.4004 0.4280 0.4559 0.4843 0.5140
0.5446 0.5753 0.6062 0.6372 0.6684
0.6998 0.7319 0.7642 0.7968 0.8295
0.8626 0.8962 0.9302 0.9647 1.0000

Hrad:

0.0177 0.0381 0.0315 0.0477 0.0800
0.1117 0.1428 0.1732 0.2034 0.2330
0.2531 0.2798 0.3068 0.3337 0.3585
0.3799 0.3863 0.3777 0.3257 0.3416
0.2852 0.2661 0.2981 0.3295 0.3548
0.3737 0.4061 0.4392 0.4700 0.4868
0.5164 0.5476 0.5781 0.5895 0.5997
0.6299 0.6621 0.6944 0.7267 0.7564
0.7838 0.8039 0.8352 0.8661 0.8929
0.9175 0.9415 0.9625 0.9819 1.0000

Width:

0.0121 0.0223 0.0799 0.1340 0.1408
0.1464 0.1516 0.1564 0.1609 0.1652
0.1759 0.1817 0.1870 0.1921 0.1980
0.2450 0.3362 0.3908 0.4245 0.4475
0.5590 0.6658 0.6744 0.6849 0.7115
0.7200 0.7256 0.7297 0.7372 0.7664
0.7754 0.7816 0.7885 0.8215 0.8571
0.8645 0.8689 0.8729 0.8767 0.8836
0.8928 0.9104 0.9150 0.9199 0.9290

0.9402 0.9518 0.9664 0.9825 1.0000

Transect C52
Area:
0.0005 0.0017 0.0033 0.0053 0.0078
0.0107 0.0144 0.0195 0.0257 0.0332
0.0414 0.0505 0.0603 0.0708 0.0827
0.0959 0.1105 0.1264 0.1436 0.1619
0.1815 0.2022 0.2244 0.2479 0.2726
0.2982 0.3247 0.3515 0.3785 0.4056
0.4330 0.4608 0.4888 0.5172 0.5458
0.5748 0.6040 0.6335 0.6630 0.6928
0.7228 0.7530 0.7835 0.8142 0.8449
0.8757 0.9066 0.9376 0.9687 1.0000
Hrad:
0.0159 0.0377 0.0595 0.0787 0.0969
0.1132 0.1204 0.1340 0.1468 0.1600
0.1766 0.1814 0.2023 0.2221 0.2303
0.2493 0.2685 0.2860 0.3026 0.3197
0.3349 0.3515 0.3665 0.3600 0.3650
0.3781 0.3971 0.4103 0.4412 0.4719
0.5022 0.5322 0.5619 0.5912 0.6190
0.6467 0.6668 0.6761 0.7068 0.7372
0.7674 0.7973 0.8268 0.8564 0.8860
0.9155 0.9451 0.9745 1.0012 1.0000
Width:
0.0294 0.0460 0.0574 0.0708 0.0849
0.1021 0.1448 0.1754 0.2249 0.2503
0.2735 0.3029 0.3223 0.3504 0.4003
0.4429 0.4826 0.5294 0.5664 0.6012
0.6418 0.6791 0.7290 0.7655 0.8034
0.8268 0.8472 0.8574 0.8601 0.8670
0.8810 0.8856 0.8963 0.9060 0.9161
0.9262 0.9334 0.9373 0.9433 0.9508
0.9567 0.9680 0.9732 0.9757 0.9783
0.9809 0.9835 0.9868 0.9930 1.0000

Transect C53
Area:
0.0005 0.0019 0.0039 0.0065 0.0103
0.0144 0.0187 0.0231 0.0277 0.0325
0.0373 0.0426 0.0488 0.0558 0.0639
0.0732 0.0852 0.0993 0.1151 0.1332
0.1532 0.1750 0.1982 0.2228 0.2487
0.2755 0.3027 0.3306 0.3591 0.3884
0.4182 0.4481 0.4780 0.5081 0.5382
0.5683 0.5986 0.6289 0.6593 0.6898
0.7203 0.7510 0.7817 0.8126 0.8437
0.8749 0.9062 0.9374 0.9687 1.0000
Hrad:
0.0204 0.0316 0.0564 0.0738 0.0866
0.1125 0.1382 0.1635 0.1891 0.2151
0.2406 0.2633 0.2800 0.2938 0.3033
0.3053 0.2874 0.2868 0.2935 0.3020
0.3125 0.3234 0.3301 0.3384 0.3296
0.3528 0.3792 0.4052 0.4308 0.4558
0.4709 0.4990 0.5272 0.5557 0.5842

0.6129 0.6416 0.6703 0.6991 0.7279
0.7562 0.7840 0.8109 0.8376 0.8642
0.8778 0.9084 0.9389 0.9695 1.0000
Width:
0.0250 0.0595 0.0693 0.1013 0.1291
0.1342 0.1394 0.1447 0.1494 0.1534
0.1574 0.1808 0.2120 0.2378 0.2721
0.3357 0.4262 0.4745 0.5471 0.6030
0.6717 0.7202 0.7593 0.8087 0.8467
0.8617 0.8821 0.8985 0.9223 0.9469
0.9527 0.9553 0.9579 0.9602 0.9625
0.9648 0.9671 0.9694 0.9717 0.9741
0.9769 0.9801 0.9849 0.9899 0.9949
0.9971 0.9978 0.9986 0.9993 1.0000

Transect C55
Area:
0.0001 0.0004 0.0009 0.0014 0.0020
0.0032 0.0057 0.0091 0.0147 0.0209
0.0274 0.0341 0.0411 0.0486 0.0584
0.0695 0.0830 0.0980 0.1139 0.1308
0.1487 0.1688 0.1942 0.2198 0.2455
0.2714 0.2979 0.3246 0.3515 0.3786
0.4060 0.4336 0.4616 0.4904 0.5196
0.5491 0.5790 0.6091 0.6394 0.6701
0.7013 0.7331 0.7651 0.7974 0.8300
0.8631 0.8966 0.9305 0.9650 1.0000
Hrad:
0.0176 0.0395 0.0650 0.0882 0.1099
0.1024 0.0921 0.0881 0.0845 0.1156
0.1463 0.1761 0.2045 0.2297 0.2446
0.2588 0.2291 0.2484 0.2669 0.2864
0.2859 0.2346 0.2682 0.3017 0.3351
0.3639 0.3944 0.4264 0.4588 0.4892
0.5201 0.5488 0.5689 0.5965 0.6224
0.6513 0.6798 0.7093 0.7401 0.7612
0.7808 0.8086 0.8387 0.8654 0.8895
0.9133 0.9370 0.9606 0.9755 1.0000
Width:
0.0065 0.0112 0.0134 0.0157 0.0179
0.0542 0.0825 0.1196 0.1736 0.1809
0.1872 0.1936 0.2006 0.2503 0.2949
0.3539 0.4157 0.4388 0.4674 0.4927
0.5199 0.7194 0.7240 0.7284 0.7324
0.7457 0.7552 0.7611 0.7660 0.7738
0.7805 0.7900 0.8114 0.8221 0.8348
0.8432 0.8516 0.8587 0.8640 0.8802
0.8981 0.9066 0.9122 0.9213 0.9331
0.9450 0.9568 0.9686 0.9892 1.0000

Transect C57
Area:
0.0003 0.0007 0.0012 0.0018 0.0025
0.0033 0.0046 0.0060 0.0076 0.0097
0.0127 0.0159 0.0196 0.0243 0.0307
0.0392 0.0492 0.0622 0.0772 0.0934
0.1106 0.1290 0.1484 0.1689 0.1906

0.2133 0.2365 0.2604 0.2849 0.3105
0.3371 0.3647 0.3933 0.4240 0.4565
0.4902 0.5247 0.5596 0.5949 0.6306
0.6665 0.7027 0.7392 0.7758 0.8126
0.8496 0.8868 0.9243 0.9620 1.0000

Hrad:

0.0300 0.0586 0.0840 0.1076 0.1302
0.1268 0.1324 0.1506 0.1690 0.1824
0.1951 0.2122 0.2292 0.2370 0.1802
0.2017 0.2138 0.2177 0.2343 0.2556
0.2765 0.3020 0.3270 0.3522 0.3770
0.3937 0.4221 0.4504 0.4639 0.4938
0.5226 0.5397 0.5695 0.5862 0.6065
0.6133 0.5880 0.6199 0.6516 0.6719
0.7059 0.7397 0.7734 0.8065 0.8405
0.8745 0.9075 0.9388 0.9695 1.0000

Width:

0.0099 0.0123 0.0147 0.0171 0.0195
0.0264 0.0344 0.0397 0.0449 0.0740
0.0812 0.0891 0.1060 0.1402 0.1973
0.2388 0.2993 0.3669 0.4113 0.4377
0.4701 0.4951 0.5215 0.5547 0.5830
0.6018 0.6172 0.6327 0.6554 0.6854
0.7098 0.7345 0.7714 0.8352 0.8669
0.8980 0.9088 0.9182 0.9296 0.9402
0.9457 0.9512 0.9567 0.9626 0.9674
0.9719 0.9774 0.9846 0.9923 1.0000

Transect C58

Area:

0.0001 0.0006 0.0017 0.0034 0.0055
0.0078 0.0104 0.0133 0.0164 0.0198
0.0244 0.0324 0.0440 0.0578 0.0723
0.0879 0.1047 0.1226 0.1420 0.1621
0.1826 0.2033 0.2242 0.2457 0.2676
0.2900 0.3127 0.3361 0.3603 0.3849
0.4102 0.4359 0.4622 0.4890 0.5165
0.5447 0.5731 0.6017 0.6305 0.6596
0.6892 0.7202 0.7524 0.7855 0.8193
0.8540 0.8897 0.9257 0.9622 1.0000

Hrad:

0.0193 0.0371 0.0518 0.0729 0.0955
0.1219 0.1480 0.1724 0.1932 0.2145
0.2230 0.1972 0.2025 0.2140 0.2339
0.2431 0.2685 0.2898 0.3061 0.3351
0.3647 0.3961 0.4276 0.4587 0.4899
0.5208 0.5513 0.5799 0.6078 0.6332
0.6585 0.6845 0.7090 0.7332 0.7532
0.7771 0.8110 0.8448 0.8781 0.9098
0.9400 0.9519 0.9783 1.0049 1.0300
1.0347 0.9537 0.9868 1.0185 1.0000

Width:

0.0076 0.0198 0.0384 0.0486 0.0581
0.0649 0.0710 0.0773 0.0850 0.0926
0.1530 0.2751 0.3337 0.3695 0.3893
0.4281 0.4461 0.4883 0.5181 0.5273
0.5363 0.5419 0.5500 0.5659 0.5763

0.5867 0.5997 0.6200 0.6362 0.6490
0.6631 0.6762 0.6917 0.7075 0.7262
0.7370 0.7420 0.7469 0.7522 0.7625
0.7817 0.8275 0.8513 0.8697 0.8898
0.9269 0.9330 0.9434 0.9634 1.0000

Transect C6
Area:
0.0003 0.0009 0.0022 0.0044 0.0081
0.0131 0.0206 0.0316 0.0458 0.0626
0.0806 0.0997 0.1198 0.1407 0.1621
0.1840 0.2064 0.2291 0.2521 0.2752
0.2984 0.3217 0.3450 0.3685 0.3920
0.4156 0.4393 0.4630 0.4869 0.5108
0.5347 0.5587 0.5827 0.6069 0.6310
0.6552 0.6795 0.7038 0.7281 0.7526
0.7770 0.8016 0.8262 0.8508 0.8755
0.9003 0.9251 0.9500 0.9749 1.0000
Hrad:
0.0170 0.0296 0.0366 0.0408 0.0538
0.0665 0.0724 0.0748 0.0840 0.1002
0.1139 0.1342 0.1541 0.1764 0.1985
0.2187 0.2408 0.2621 0.2751 0.2992
0.3233 0.3473 0.3712 0.3952 0.4190
0.4427 0.4664 0.4903 0.5144 0.5385
0.5625 0.5865 0.6104 0.6343 0.6582
0.6820 0.7058 0.7295 0.7531 0.7765
0.7999 0.8233 0.8467 0.8700 0.8933
0.9165 0.9397 0.9629 0.9838 1.0000
Width:
0.0169 0.0334 0.0682 0.1170 0.1735
0.2323 0.3612 0.5025 0.6311 0.6923
0.7338 0.7777 0.8124 0.8389 0.8583
0.8805 0.8926 0.9093 0.9141 0.9174
0.9207 0.9239 0.9272 0.9302 0.9337
0.9373 0.9410 0.9438 0.9460 0.9481
0.9502 0.9523 0.9544 0.9565 0.9585
0.9606 0.9626 0.9646 0.9669 0.9692
0.9715 0.9738 0.9759 0.9781 0.9803
0.9825 0.9847 0.9869 0.9912 1.0000

Transect C60
Area:
0.0001 0.0005 0.0012 0.0020 0.0031
0.0042 0.0054 0.0067 0.0081 0.0096
0.0111 0.0127 0.0145 0.0163 0.0183
0.0211 0.0258 0.0322 0.0397 0.0478
0.0568 0.0670 0.0784 0.0915 0.1060
0.1221 0.1403 0.1610 0.1849 0.2106
0.2385 0.2675 0.2973 0.3274 0.3579
0.3896 0.4222 0.4555 0.4904 0.5287
0.5688 0.6115 0.6557 0.7018 0.7496
0.7986 0.8480 0.8978 0.9482 1.0000
Hrad:
0.0263 0.0526 0.0789 0.1103 0.1498
0.1889 0.2267 0.2631 0.2982 0.3324
0.3657 0.3982 0.4271 0.4550 0.4814

0.4848 0.4578 0.4193 0.4050 0.4036
0.4159 0.4307 0.4451 0.4528 0.4617
0.4670 0.4771 0.4689 0.4164 0.4381
0.4509 0.4815 0.5263 0.5739 0.6179
0.6551 0.6839 0.7328 0.7787 0.8187
0.8563 0.8892 0.9223 0.8768 0.8948
0.8804 0.9262 0.9689 1.0108 1.0000

Width:

0.0049 0.0098 0.0147 0.0186 0.0205
0.0222 0.0239 0.0255 0.0271 0.0288
0.0304 0.0320 0.0339 0.0359 0.0421
0.0745 0.0995 0.1394 0.1462 0.1637
0.1827 0.2012 0.2315 0.2652 0.2890
0.3226 0.3663 0.4292 0.4700 0.5120
0.5389 0.5648 0.5703 0.5760 0.5880
0.6163 0.6246 0.6424 0.7020 0.7476
0.7918 0.8276 0.8564 0.8891 0.9234
0.9376 0.9448 0.9543 0.9672 1.0000

Transect C62

Area:

0.0002 0.0009 0.0021 0.0039 0.0061
0.0087 0.0115 0.0153 0.0199 0.0247
0.0295 0.0345 0.0396 0.0448 0.0501
0.0555 0.0610 0.0668 0.0733 0.0807
0.0886 0.0974 0.1073 0.1182 0.1302
0.1434 0.1575 0.1721 0.1880 0.2058
0.2274 0.2534 0.2832 0.3153 0.3487
0.3830 0.4186 0.4603 0.5027 0.5453
0.5882 0.6314 0.6750 0.7191 0.7639
0.8096 0.8561 0.9032 0.9510 1.0000

Hrad:

0.0248 0.0495 0.0736 0.0925 0.1266
0.1630 0.1926 0.2080 0.2102 0.2541
0.2972 0.3394 0.3808 0.4218 0.4640
0.5007 0.5326 0.5640 0.5085 0.5224
0.5406 0.5506 0.5597 0.5630 0.5648
0.5650 0.5915 0.6208 0.6458 0.6640
0.6497 0.4798 0.5052 0.4861 0.5220
0.5527 0.5834 0.5408 0.5873 0.6329
0.6781 0.7228 0.7655 0.8044 0.8398
0.8754 0.9139 0.9532 0.9901 1.0000

Width:

0.0092 0.0184 0.0279 0.0411 0.0476
0.0520 0.0647 0.0886 0.0929 0.0951
0.0973 0.0995 0.1017 0.1039 0.1055
0.1083 0.1120 0.1157 0.1410 0.1512
0.1619 0.1860 0.2061 0.2265 0.2477
0.2709 0.2831 0.3028 0.3260 0.3909
0.4739 0.5457 0.6230 0.6485 0.6713
0.6923 0.7136 0.8373 0.8418 0.8471
0.8527 0.8587 0.8666 0.8793 0.8967
0.9141 0.9273 0.9388 0.9527 1.0000

Transect C64

Area:

0.0009 0.0021 0.0036 0.0056 0.0090

0.0137 0.0201 0.0278 0.0359 0.0442
0.0527 0.0615 0.0706 0.0799 0.0894
0.0992 0.1094 0.1217 0.1363 0.1522
0.1695 0.1879 0.2070 0.2266 0.2468
0.2679 0.2903 0.3136 0.3375 0.3616
0.3859 0.4105 0.4354 0.4614 0.4886
0.5180 0.5482 0.5792 0.6105 0.6423
0.6746 0.7076 0.7417 0.7763 0.8114
0.8476 0.8850 0.9230 0.9613 1.0000

Hrad:

0.0300 0.0579 0.0828 0.0869 0.1009
0.1148 0.1102 0.1335 0.1669 0.1994
0.2310 0.2601 0.2910 0.3222 0.3513
0.3799 0.4001 0.4093 0.4164 0.4305
0.4458 0.4601 0.4761 0.4975 0.5178
0.5381 0.5210 0.5445 0.5319 0.5654
0.5984 0.6311 0.6615 0.6914 0.6794
0.7099 0.7399 0.7694 0.7969 0.8228
0.8469 0.8680 0.8946 0.9219 0.9476
0.8926 0.9037 0.9376 0.9706 1.0000

Width:

0.0280 0.0352 0.0424 0.0736 0.1004
0.1416 0.1873 0.2029 0.2091 0.2155
0.2219 0.2300 0.2359 0.2412 0.2476
0.2540 0.2781 0.3542 0.3894 0.4237
0.4615 0.4817 0.4967 0.5096 0.5319
0.5478 0.5916 0.6052 0.6166 0.6214
0.6266 0.6318 0.6512 0.6822 0.7322
0.7656 0.7885 0.7989 0.8095 0.8222
0.8367 0.8567 0.8824 0.8942 0.9125
0.9419 0.9705 0.9778 0.9868 1.0000

Transect C65

Area:

0.0004 0.0011 0.0019 0.0028 0.0039
0.0050 0.0063 0.0078 0.0096 0.0116
0.0140 0.0168 0.0201 0.0238 0.0282
0.0327 0.0377 0.0438 0.0510 0.0588
0.0673 0.0767 0.0957 0.1229 0.1514
0.1810 0.2116 0.2427 0.2741 0.3062
0.3391 0.3722 0.4054 0.4388 0.4723
0.5059 0.5397 0.5737 0.6080 0.6424
0.6771 0.7120 0.7470 0.7823 0.8177
0.8533 0.8891 0.9254 0.9623 1.0000

Hrad:

0.0263 0.0561 0.0832 0.1082 0.1324
0.1571 0.1819 0.2039 0.2201 0.2376
0.2535 0.2649 0.2657 0.2421 0.2674
0.2915 0.3139 0.3275 0.3373 0.3478
0.3595 0.3617 0.3156 0.2934 0.2044
0.2387 0.2657 0.3023 0.3374 0.3680
0.4031 0.4400 0.4764 0.5128 0.5490
0.5848 0.6203 0.6547 0.6884 0.7230
0.7574 0.7918 0.8261 0.8603 0.8936
0.9265 0.9576 0.9818 1.0051 1.0000

Width:

0.0153 0.0191 0.0225 0.0259 0.0292

0.0321 0.0348 0.0422 0.0506 0.0564
0.0697 0.0790 0.0911 0.1060 0.1161
0.1223 0.1405 0.1775 0.1955 0.2112
0.2312 0.2903 0.6858 0.7287 0.7564
0.7847 0.8055 0.8119 0.8233 0.8515
0.8615 0.8635 0.8669 0.8703 0.8738
0.8780 0.8824 0.8886 0.8957 0.9006
0.9056 0.9103 0.9150 0.9196 0.9250
0.9306 0.9378 0.9531 0.9691 1.0000

Transect C66
Area:
0.0004 0.0016 0.0038 0.0069 0.0106
0.0146 0.0188 0.0233 0.0281 0.0334
0.0395 0.0461 0.0532 0.0621 0.0722
0.0826 0.0934 0.1047 0.1165 0.1285
0.1408 0.1534 0.1664 0.1802 0.1944
0.2092 0.2251 0.2415 0.2582 0.2754
0.2932 0.3126 0.3340 0.3568 0.3825
0.4137 0.4493 0.4866 0.5249 0.5639
0.6037 0.6441 0.6854 0.7280 0.7716
0.8159 0.8610 0.9064 0.9524 1.0000
Hrad:
0.0219 0.0497 0.0583 0.0872 0.1206
0.1555 0.1902 0.2210 0.2427 0.2561
0.2717 0.2993 0.3220 0.3183 0.3081
0.3414 0.3685 0.3973 0.4298 0.4628
0.4960 0.5259 0.5361 0.5638 0.5884
0.5991 0.6082 0.6388 0.6689 0.6969
0.6875 0.7077 0.7303 0.7540 0.7667
0.6778 0.6032 0.6093 0.6432 0.6782
0.7131 0.7448 0.7738 0.8051 0.8386
0.8723 0.9076 0.9426 0.9768 1.0000
Width:
0.0180 0.0283 0.0581 0.0714 0.0790
0.0843 0.0888 0.0946 0.1040 0.1172
0.1307 0.1384 0.1605 0.1996 0.2103
0.2172 0.2277 0.2368 0.2433 0.2493
0.2549 0.2619 0.2787 0.2870 0.2967
0.3136 0.3324 0.3395 0.3467 0.3548
0.3830 0.4178 0.4543 0.4848 0.5789
0.6996 0.7506 0.7767 0.7938 0.8078
0.8207 0.8364 0.8582 0.8864 0.9012
0.9195 0.9273 0.9347 0.9589 1.0000

Transect C67
Area:
0.0004 0.0012 0.0023 0.0038 0.0057
0.0079 0.0114 0.0161 0.0222 0.0307
0.0404 0.0525 0.0672 0.0836 0.1012
0.1197 0.1393 0.1607 0.1832 0.2062
0.2294 0.2529 0.2765 0.3002 0.3241
0.3479 0.3719 0.3960 0.4203 0.4450
0.4699 0.4950 0.5202 0.5455 0.5711
0.5969 0.6227 0.6489 0.6760 0.7034
0.7310 0.7589 0.7871 0.8156 0.8446
0.8743 0.9047 0.9360 0.9679 1.0000

Hrad:

0.0184	0.0394	0.0577	0.0748	0.0924
0.1062	0.0983	0.1028	0.1198	0.1177
0.1423	0.1590	0.1471	0.1648	0.1881
0.2070	0.2238	0.2329	0.2591	0.2891
0.3180	0.3474	0.3784	0.4092	0.4402
0.4712	0.5016	0.5303	0.5553	0.5807
0.6091	0.6380	0.6667	0.6945	0.7199
0.7485	0.7794	0.8098	0.8387	0.8673
0.8952	0.9227	0.9501	0.9747	0.9984
1.0219	1.0197	1.0370	1.0602	1.0000

Width:

0.0204	0.0304	0.0407	0.0513	0.0612
0.0911	0.1229	0.1572	0.2262	0.2842
0.3242	0.4222	0.4856	0.5264	0.5568
0.5872	0.6273	0.6906	0.7077	0.7139
0.7222	0.7287	0.7316	0.7345	0.7368
0.7392	0.7421	0.7474	0.7577	0.7671
0.7723	0.7767	0.7810	0.7863	0.7941
0.7982	0.7998	0.8213	0.8432	0.8497
0.8585	0.8671	0.8734	0.8894	0.9033
0.9314	0.9474	0.9789	0.9877	1.0000

Transect C68

Area:

0.0012	0.0031	0.0055	0.0083	0.0115
0.0149	0.0187	0.0226	0.0268	0.0314
0.0364	0.0420	0.0484	0.0556	0.0632
0.0714	0.0802	0.0896	0.0997	0.1111
0.1256	0.1409	0.1568	0.1732	0.1901
0.2076	0.2264	0.2461	0.2667	0.2882
0.3106	0.3341	0.3589	0.3848	0.4122
0.4420	0.4729	0.5048	0.5376	0.5718
0.6072	0.6458	0.6886	0.7320	0.7756
0.8195	0.8637	0.9085	0.9539	1.0000

Hrad:

0.0349	0.0657	0.0959	0.1275	0.1601
0.1925	0.2257	0.2582	0.2819	0.3040
0.3198	0.3282	0.3261	0.3490	0.3662
0.3929	0.4093	0.4245	0.4409	0.4412
0.3855	0.4175	0.4497	0.4828	0.5174
0.5492	0.5781	0.6069	0.6331	0.6579
0.6837	0.7053	0.7260	0.7449	0.7401
0.6709	0.6961	0.7264	0.7614	0.7943
0.8244	0.8454	0.7367	0.7800	0.8219
0.8620	0.9020	0.9321	0.9674	1.0000

Width:

0.0336	0.0462	0.0565	0.0647	0.0712
0.0770	0.0820	0.0869	0.0944	0.1026
0.1130	0.1271	0.1474	0.1580	0.1713
0.1804	0.1943	0.2094	0.2244	0.2767
0.3233	0.3350	0.3461	0.3561	0.3646
0.3924	0.4126	0.4303	0.4509	0.4709
0.4904	0.5176	0.5437	0.5683	0.6090
0.6538	0.6743	0.6898	0.7154	0.7461
0.7819	0.8720	0.9278	0.9314	0.9366
0.9436	0.9504	0.9675	0.9787	1.0000

Transect C69

Area:

0.0008	0.0026	0.0060	0.0105	0.0155
0.0210	0.0270	0.0334	0.0402	0.0476
0.0555	0.0640	0.0732	0.0830	0.0934
0.1044	0.1161	0.1289	0.1425	0.1568
0.1719	0.1882	0.2048	0.2217	0.2390
0.2566	0.2745	0.2926	0.3111	0.3298
0.3488	0.3682	0.3880	0.4086	0.4329
0.4622	0.4950	0.5299	0.5672	0.6048
0.6426	0.6808	0.7194	0.7582	0.7974
0.8371	0.8771	0.9174	0.9581	1.0000

Hrad:

0.0239	0.0529	0.0728	0.1023	0.1330
0.1630	0.1936	0.2232	0.2507	0.2759
0.2978	0.3213	0.3383	0.3595	0.3812
0.4010	0.4125	0.4227	0.4424	0.4622
0.4809	0.4962	0.5297	0.5616	0.5944
0.6269	0.6598	0.6923	0.7254	0.7579
0.7881	0.8152	0.8410	0.8636	0.8209
0.6523	0.6817	0.7046	0.6651	0.7049
0.7443	0.7836	0.8227	0.8615	0.8999
0.9380	0.9760	1.0137	1.0498	1.0000

Width:

0.0330	0.0576	0.0951	0.1096	0.1218
0.1332	0.1431	0.1530	0.1639	0.1761
0.1905	0.2034	0.2202	0.2338	0.2473
0.2622	0.2826	0.3057	0.3228	0.3401
0.3584	0.3801	0.3874	0.3956	0.4029
0.4101	0.4168	0.4236	0.4297	0.4360
0.4435	0.4526	0.4623	0.5102	0.6023
0.7136	0.7876	0.8521	0.8650	0.8723
0.8798	0.8869	0.8939	0.9026	0.9125
0.9212	0.9289	0.9365	0.9467	1.0000

Transect C7

Area:

0.0001	0.0005	0.0011	0.0018	0.0025
0.0033	0.0042	0.0051	0.0061	0.0072
0.0083	0.0096	0.0108	0.0122	0.0136
0.0151	0.0170	0.0196	0.0229	0.0266
0.0304	0.0349	0.0406	0.0487	0.0589
0.0697	0.0814	0.0950	0.1114	0.1321
0.1575	0.1875	0.2195	0.2535	0.2896
0.3276	0.3677	0.4093	0.4522	0.4974
0.5440	0.5913	0.6396	0.6891	0.7392
0.7902	0.8420	0.8940	0.9465	1.0000

Hrad:

0.0270	0.0541	0.0935	0.1356	0.1750
0.2123	0.2481	0.2825	0.3160	0.3486
0.3806	0.4119	0.4429	0.4734	0.5035
0.5273	0.5376	0.5315	0.5217	0.5221
0.5301	0.5362	0.5311	0.5054	0.4828
0.4803	0.4855	0.4839	0.4044	0.4269
0.4408	0.4561	0.4778	0.4979	0.5177
0.4794	0.5057	0.5355	0.5805	0.5968

0.6466 0.6958 0.7081 0.7489 0.7939
0.8296 0.8791 0.9283 0.9770 1.0000
Width:
0.0047 0.0093 0.0117 0.0129 0.0142
0.0155 0.0167 0.0180 0.0193 0.0205
0.0218 0.0231 0.0243 0.0256 0.0269
0.0285 0.0417 0.0548 0.0651 0.0695
0.0738 0.0941 0.1178 0.1766 0.1935
0.2054 0.2318 0.2743 0.3374 0.4262
0.5219 0.5726 0.6038 0.6506 0.6806
0.7214 0.7539 0.7799 0.8176 0.8555
0.8660 0.8802 0.9031 0.9201 0.9311
0.9525 0.9578 0.9630 0.9786 1.0000

Transect C70
Area:
0.0002 0.0009 0.0019 0.0033 0.0053
0.0076 0.0102 0.0131 0.0170 0.0242
0.0333 0.0452 0.0588 0.0747 0.0928
0.1125 0.1326 0.1532 0.1740 0.1949
0.2160 0.2379 0.2604 0.2832 0.3061
0.3292 0.3524 0.3759 0.3995 0.4233
0.4472 0.4713 0.4956 0.5201 0.5447
0.5696 0.5949 0.6204 0.6460 0.6719
0.6979 0.7255 0.7559 0.7876 0.8203
0.8540 0.8884 0.9238 0.9612 1.0000
Hrad:
0.0208 0.0427 0.0644 0.0784 0.0987
0.1228 0.1504 0.1768 0.1737 0.1373
0.1584 0.1570 0.1728 0.1782 0.2102
0.2342 0.2692 0.2997 0.3380 0.3761
0.4127 0.4295 0.4654 0.5017 0.5381
0.5746 0.6100 0.6436 0.6805 0.7172
0.7520 0.7861 0.8193 0.8544 0.8885
0.9152 0.9447 0.9783 1.0107 1.0436
1.0761 1.0734 1.0932 1.1140 1.1360
1.1496 1.1681 1.1885 1.2015 1.0000
Width:
0.0112 0.0206 0.0294 0.0424 0.0536
0.0622 0.0684 0.0745 0.1556 0.2011
0.2558 0.3188 0.3576 0.4254 0.4758
0.4936 0.5051 0.5136 0.5169 0.5203
0.5252 0.5559 0.5614 0.5661 0.5704
0.5742 0.5789 0.5852 0.5881 0.5911
0.5954 0.6002 0.6054 0.6091 0.6133
0.6225 0.6297 0.6340 0.6389 0.6434
0.6511 0.7130 0.7785 0.7958 0.8217
0.8454 0.8607 0.9010 0.9397 1.0000

Transect C71
Area:
0.0002 0.0008 0.0016 0.0028 0.0045
0.0066 0.0089 0.0117 0.0162 0.0232
0.0322 0.0446 0.0590 0.0747 0.0916
0.1112 0.1315 0.1519 0.1724 0.1932
0.2148 0.2370 0.2596 0.2823 0.3052
0.3283 0.3515 0.3749 0.3985 0.4223

0.4462 0.4703 0.4948 0.5194 0.5443
0.5693 0.5946 0.6201 0.6457 0.6716
0.6979 0.7262 0.7569 0.7885 0.8216
0.8554 0.8897 0.9246 0.9616 1.0000

Hrad:

0.0195 0.0410 0.0529 0.0660 0.0833
0.1041 0.1165 0.1392 0.1385 0.1122
0.1133 0.1307 0.1350 0.1660 0.1936
0.1901 0.2237 0.2567 0.2893 0.3205
0.3412 0.3651 0.3960 0.4275 0.4588
0.4898 0.5197 0.5501 0.5807 0.6114
0.6416 0.6696 0.6937 0.7230 0.7519
0.7800 0.8072 0.8355 0.8640 0.8921
0.9020 0.9206 0.9409 0.9556 0.9694
0.9881 1.0080 1.0223 1.0366 1.0000

Width:

0.0105 0.0163 0.0257 0.0373 0.0472
0.0548 0.0666 0.0759 0.1543 0.1917
0.2687 0.3334 0.3881 0.4010 0.4618
0.5084 0.5109 0.5141 0.5177 0.5321
0.5466 0.5635 0.5689 0.5730 0.5771
0.5812 0.5865 0.5908 0.5948 0.5985
0.6024 0.6083 0.6176 0.6220 0.6266
0.6317 0.6374 0.6420 0.6464 0.6510
0.6907 0.7359 0.7878 0.8039 0.8433
0.8552 0.8641 0.9016 0.9449 1.0000

Transect C73

Area:

0.0000 0.0001 0.0003 0.0005 0.0008
0.0011 0.0016 0.0020 0.0026 0.0046
0.0093 0.0170 0.0265 0.0377 0.0498
0.0633 0.0779 0.0930 0.1095 0.1275
0.1467 0.1680 0.1914 0.2165 0.2426
0.2691 0.2966 0.3245 0.3528 0.3813
0.4099 0.4387 0.4676 0.4969 0.5264
0.5562 0.5862 0.6162 0.6464 0.6769
0.7081 0.7395 0.7713 0.8035 0.8360
0.8686 0.9013 0.9341 0.9670 1.0000

Hrad:

0.0166 0.0332 0.0498 0.0664 0.0830
0.0995 0.1182 0.1451 0.1579 0.1230
0.0916 0.0922 0.1072 0.1248 0.1502
0.1677 0.1816 0.2073 0.2343 0.2594
0.2839 0.3057 0.3182 0.3372 0.3513
0.3760 0.3943 0.4209 0.4131 0.4439
0.4752 0.5071 0.5388 0.5699 0.5889
0.6194 0.6505 0.6819 0.7098 0.7399
0.7523 0.7822 0.8125 0.8429 0.8537
0.8852 0.9167 0.9472 0.9767 1.0000

Width:

0.0019 0.0038 0.0057 0.0076 0.0095
0.0114 0.0131 0.0137 0.0324 0.0899
0.1997 0.2582 0.3194 0.3485 0.3828
0.4278 0.4438 0.4641 0.5205 0.5590
0.6000 0.6810 0.7221 0.7759 0.7920
0.8063 0.8340 0.8456 0.8540 0.8589

0.8626 0.8650 0.8753 0.8833 0.8939
0.8980 0.9010 0.9037 0.9106 0.9292
0.9414 0.9454 0.9631 0.9730 0.9793
0.9812 0.9832 0.9862 0.9900 1.0000

Transect C74
Area:
0.0002 0.0008 0.0016 0.0025 0.0036
0.0048 0.0063 0.0078 0.0094 0.0112
0.0130 0.0150 0.0171 0.0193 0.0227
0.0281 0.0364 0.0463 0.0585 0.0731
0.0888 0.1056 0.1236 0.1427 0.1635
0.1860 0.2101 0.2362 0.2634 0.2930
0.3236 0.3549 0.3867 0.4197 0.4533
0.4874 0.5221 0.5570 0.5921 0.6273
0.6628 0.6985 0.7347 0.7712 0.8084
0.8460 0.8837 0.9218 0.9606 1.0000
Hrad:
0.0199 0.0489 0.0749 0.0997 0.1225
0.1421 0.1668 0.1938 0.2199 0.2452
0.2700 0.2941 0.3178 0.3203 0.2217
0.1539 0.1716 0.1711 0.1670 0.1912
0.2177 0.2404 0.2654 0.2856 0.2992
0.3137 0.3418 0.3519 0.3769 0.3851
0.4139 0.4484 0.4709 0.4996 0.5329
0.5603 0.5954 0.6317 0.6681 0.7042
0.7383 0.7699 0.8022 0.8286 0.8553
0.8902 0.9257 0.9488 0.9704 1.0000
Width:
0.0123 0.0171 0.0213 0.0252 0.0292
0.0340 0.0375 0.0401 0.0428 0.0454
0.0481 0.0507 0.0534 0.0599 0.1025
0.1918 0.2278 0.2715 0.3518 0.3838
0.4095 0.4411 0.4676 0.5020 0.5491
0.5959 0.6176 0.6745 0.7024 0.7644
0.7855 0.7949 0.8245 0.8433 0.8537
0.8726 0.8795 0.8840 0.8883 0.8927
0.8993 0.9088 0.9171 0.9318 0.9461
0.9510 0.9551 0.9719 0.9901 1.0000

Transect C75
Area:
0.0001 0.0003 0.0006 0.0010 0.0016
0.0022 0.0029 0.0037 0.0046 0.0055
0.0065 0.0076 0.0096 0.0140 0.0209
0.0293 0.0385 0.0502 0.0634 0.0774
0.0920 0.1073 0.1239 0.1431 0.1641
0.1872 0.2120 0.2388 0.2671 0.2979
0.3304 0.3634 0.3967 0.4302 0.4639
0.4980 0.5326 0.5677 0.6030 0.6384
0.6740 0.7097 0.7455 0.7814 0.8175
0.8537 0.8901 0.9265 0.9631 1.0000
Hrad:
0.0184 0.0368 0.0552 0.0736 0.0964
0.1221 0.1466 0.1673 0.1862 0.2051
0.2238 0.2270 0.1747 0.1463 0.0970
0.1225 0.1464 0.1476 0.1723 0.2019

0.2295 0.2542 0.2751 0.2878 0.2832
0.2893 0.3090 0.3239 0.3378 0.3487
0.3743 0.4089 0.4426 0.4769 0.5098
0.5397 0.5692 0.6000 0.6341 0.6688
0.7035 0.7381 0.7726 0.8069 0.8404
0.8740 0.9077 0.9423 0.9766 1.0000

Width:

0.0035 0.0069 0.0104 0.0138 0.0164
0.0181 0.0197 0.0218 0.0241 0.0264
0.0286 0.0332 0.0909 0.1447 0.2160
0.2398 0.2726 0.3416 0.3693 0.3846
0.4024 0.4239 0.4814 0.5529 0.5837
0.6500 0.6927 0.7405 0.7945 0.8584
0.8869 0.8926 0.8998 0.9054 0.9131
0.9260 0.9387 0.9489 0.9535 0.9569
0.9602 0.9634 0.9665 0.9698 0.9739
0.9777 0.9812 0.9837 0.9894 1.0000

Transect C76

Area:

0.0001 0.0003 0.0006 0.0011 0.0017
0.0025 0.0033 0.0044 0.0055 0.0068
0.0083 0.0098 0.0113 0.0130 0.0146
0.0164 0.0181 0.0200 0.0226 0.0287
0.0363 0.0446 0.0538 0.0641 0.0749
0.0860 0.0972 0.1088 0.1221 0.1365
0.1519 0.1693 0.1901 0.2158 0.2453
0.2781 0.3157 0.3572 0.4008 0.4470
0.4951 0.5456 0.5978 0.6518 0.7072
0.7636 0.8214 0.8803 0.9401 1.0000

Hrad:

0.0286 0.0572 0.0858 0.1144 0.1430
0.1716 0.2002 0.2288 0.2574 0.2860
0.3190 0.3639 0.4077 0.4504 0.4922
0.5332 0.5734 0.6122 0.6223 0.5518
0.5100 0.4935 0.4860 0.4888 0.5074
0.5374 0.5718 0.6073 0.6323 0.6553
0.6780 0.6908 0.6283 0.6486 0.6632
0.6807 0.6900 0.7035 0.7256 0.7435
0.7687 0.7915 0.8142 0.7433 0.7888
0.8216 0.8578 0.8986 0.9492 1.0000

Width:

0.0023 0.0046 0.0068 0.0091 0.0114
0.0137 0.0159 0.0182 0.0205 0.0228
0.0247 0.0256 0.0265 0.0274 0.0283
0.0292 0.0301 0.0336 0.0630 0.1191
0.1327 0.1453 0.1631 0.1766 0.1827
0.1851 0.1889 0.2050 0.2310 0.2476
0.2706 0.3117 0.3872 0.4557 0.5215
0.5812 0.6661 0.7091 0.7491 0.7835
0.8224 0.8552 0.8840 0.9133 0.9313
0.9512 0.9724 0.9930 0.9965 1.0000

Transect C77

Area:

0.0001 0.0003 0.0006 0.0011 0.0016
0.0022 0.0028 0.0036 0.0044 0.0052

0.0062 0.0071 0.0082 0.0093 0.0105
0.0118 0.0131 0.0146 0.0167 0.0192
0.0221 0.0254 0.0290 0.0345 0.0415
0.0497 0.0591 0.0698 0.0820 0.0950
0.1089 0.1238 0.1402 0.1582 0.1776
0.2010 0.2283 0.2594 0.2980 0.3558
0.4177 0.4805 0.5442 0.6082 0.6725
0.7375 0.8029 0.8684 0.9341 1.0000

Hrad:

0.0328 0.0656 0.0984 0.1397 0.1848
0.2273 0.2678 0.3070 0.3456 0.3833
0.4204 0.4568 0.4929 0.5285 0.5638
0.5987 0.6320 0.6522 0.6553 0.6553
0.6559 0.6586 0.6597 0.6279 0.5878
0.5664 0.5633 0.5489 0.5450 0.5665
0.5923 0.5970 0.5634 0.5906 0.6406
0.6762 0.6535 0.6141 0.6094 0.6049
0.6231 0.6366 0.6714 0.7207 0.7719
0.7451 0.8091 0.8729 0.9365 1.0000

Width:

0.0020 0.0040 0.0061 0.0075 0.0085
0.0095 0.0105 0.0116 0.0125 0.0135
0.0145 0.0155 0.0165 0.0175 0.0185
0.0194 0.0205 0.0288 0.0348 0.0407
0.0464 0.0521 0.0662 0.0969 0.1134
0.1357 0.1495 0.1782 0.1920 0.2020
0.2169 0.2371 0.2608 0.2824 0.3157
0.3826 0.4420 0.4895 0.7415 0.9311
0.9482 0.9579 0.9679 0.9727 0.9785
0.9898 0.9922 0.9948 0.9974 1.0000

Transect C78

Area:

0.0001 0.0004 0.0010 0.0018 0.0027
0.0036 0.0047 0.0061 0.0084 0.0114
0.0148 0.0185 0.0227 0.0276 0.0333
0.0399 0.0473 0.0558 0.0650 0.0749
0.0859 0.0980 0.1118 0.1270 0.1443
0.1635 0.1844 0.2073 0.2316 0.2587
0.2871 0.3168 0.3477 0.3795 0.4130
0.4484 0.4853 0.5233 0.5620 0.6010
0.6401 0.6794 0.7188 0.7584 0.7981
0.8381 0.8783 0.9187 0.9592 1.0000

Hrad:

0.0205 0.0410 0.0616 0.0821 0.1183
0.1531 0.1853 0.2030 0.2003 0.2064
0.2222 0.2413 0.2595 0.2742 0.2862
0.2963 0.3063 0.3072 0.3240 0.3163
0.3307 0.3517 0.3743 0.3948 0.4079
0.4242 0.4361 0.4481 0.4587 0.4361
0.4619 0.4865 0.5127 0.5383 0.5610
0.5677 0.5864 0.5830 0.6007 0.6386
0.6764 0.7141 0.7517 0.7882 0.8244
0.8605 0.8965 0.9309 0.9693 1.0000

Width:

0.0054 0.0108 0.0162 0.0217 0.0227
0.0238 0.0285 0.0407 0.0716 0.0784

0.0851 0.0953 0.1117 0.1301 0.1485
0.1708 0.1935 0.2166 0.2305 0.2559
0.2766 0.3128 0.3531 0.3935 0.4506
0.4873 0.5403 0.5755 0.6217 0.6818
0.7076 0.7398 0.7654 0.7899 0.8403
0.8819 0.9177 0.9369 0.9486 0.9523
0.9559 0.9596 0.9634 0.9682 0.9733
0.9783 0.9834 0.9870 0.9897 1.0000

Transect C8
Area:
0.0002 0.0009 0.0019 0.0030 0.0043
0.0057 0.0072 0.0087 0.0102 0.0118
0.0134 0.0151 0.0168 0.0185 0.0203
0.0221 0.0240 0.0259 0.0315 0.0401
0.0502 0.0625 0.0769 0.0924 0.1089
0.1269 0.1456 0.1648 0.1856 0.2128
0.2482 0.2853 0.3234 0.3616 0.3999
0.4383 0.4769 0.5156 0.5545 0.5936
0.6330 0.6727 0.7125 0.7526 0.7929
0.8336 0.8745 0.9158 0.9575 1.0000
Hrad:
0.0220 0.0440 0.0749 0.1093 0.1415
0.1728 0.2086 0.2429 0.2758 0.3076
0.3383 0.3680 0.3970 0.4257 0.4536
0.4809 0.5075 0.5314 0.4756 0.4199
0.3837 0.3562 0.3499 0.3554 0.3610
0.3732 0.3951 0.4181 0.4352 0.3924
0.3994 0.4127 0.4101 0.4447 0.4807
0.5175 0.5549 0.5914 0.6273 0.6637
0.7002 0.7370 0.7750 0.8125 0.8497
0.8865 0.9219 0.9565 0.9871 1.0000
Width:
0.0099 0.0199 0.0254 0.0281 0.0307
0.0331 0.0341 0.0351 0.0360 0.0370
0.0379 0.0389 0.0398 0.0407 0.0416
0.0425 0.0433 0.0626 0.1832 0.2085
0.2567 0.3201 0.3461 0.3671 0.3996
0.4247 0.4361 0.4495 0.5377 0.7972
0.8385 0.8762 0.8801 0.8828 0.8856
0.8883 0.8914 0.8957 0.9009 0.9061
0.9118 0.9175 0.9224 0.9280 0.9342
0.9407 0.9487 0.9574 0.9705 1.0000

Transect C9
Area:
0.0001 0.0005 0.0009 0.0015 0.0022
0.0029 0.0038 0.0047 0.0056 0.0067
0.0078 0.0091 0.0131 0.0192 0.0266
0.0382 0.0567 0.0781 0.1009 0.1245
0.1487 0.1739 0.1999 0.2263 0.2540
0.2819 0.3100 0.3384 0.3676 0.3971
0.4267 0.4564 0.4862 0.5161 0.5460
0.5759 0.6059 0.6359 0.6660 0.6961
0.7263 0.7564 0.7867 0.8169 0.8472
0.8776 0.9080 0.9384 0.9690 1.0000
Hrad:

```
            0.0153     0.0359     0.0563     0.0749     0.0925
            0.1107     0.1308     0.1501     0.1687     0.1868
            0.2010     0.2069     0.1702     0.1458     0.1295
            0.0862     0.0933     0.1092     0.1331     0.1606
            0.1842     0.2087     0.2344     0.2591     0.2805
            0.3092     0.3383     0.3663     0.3846     0.4133
            0.4422     0.4711     0.5012     0.5312     0.5612
            0.5911     0.6210     0.6508     0.6806     0.7104
            0.7401     0.7699     0.7996     0.8292     0.8588
            0.8884     0.9178     0.9454     0.9730     1.0000
Width:
            0.0084     0.0132     0.0164     0.0195     0.0227
            0.0256     0.0277     0.0299     0.0321     0.0343
            0.0371     0.0767     0.1592     0.2176     0.2620
            0.5305     0.6616     0.7016     0.7440     0.7611
            0.7928     0.8183     0.8371     0.8577     0.8891
            0.8953     0.9000     0.9201     0.9384     0.9434
            0.9474     0.9512     0.9525     0.9539     0.9552
            0.9565     0.9579     0.9592     0.9606     0.9618
            0.9631     0.9644     0.9656     0.9669     0.9682
            0.9694     0.9708     0.9740     0.9772     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 .............. 04/13/2025 12:00:00
Antecedent Dry Days ...... 0.0
Report Time Step ......... 00:01:00
Wet Time Step ............ 00:01:00
Dry Time Step ............ 00:05:00
Routing Time Step ........ 1.00 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 ......         2.509        25.001
Evaporation Loss .........         0.000         0.000
Infiltration Loss ........         2.169        21.612
```

Surface Runoff	0.216	2.152
Final Storage	0.124	1.240
Continuity Error (%)	-0.012	

Flow Routing Continuity	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	0.216	2.159
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	0.207	2.066
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.146	1.457
Final Stored Volume	0.156	1.561
Continuity Error (%)	-0.297	

Highest Continuity Errors

Node Existing-Node-B4A1A5 (100.00%)
Node Existing-Node-A1 (31.11%)
Node Existing-Node-C1B2A2A2 (12.07%)
Node Existing-Node-B4B6A5 (-7.10%)
Node Proposed1009Link (6.01%)

Time-Step Critical Elements

None

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	:	0.50 sec
Average Time Step	:	1.00 sec
Maximum Time Step	:	1.00 sec
% of Time in Steady State	:	0.00

```
  Average Iterations per Step :     2.00
  % of Steps Not Converging   :     0.00
  Time Step Frequencies       :
      1.000 -  0.871 sec      :    99.89 %
      0.871 -  0.758 sec      :     0.08 %
      0.758 -  0.660 sec      :     0.04 %
      0.660 -  0.574 sec      :     0.00 %
      0.574 -  0.500 sec      :     0.00 %


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

  ---------------------------------------------------------------------------------------
---------------------------------------------
                             Total      Total      Total      Total     Imperv
Perv      Total       Total     Peak  Runoff
                          Precip      Runon       Evap      Infil     Runoff
Runoff     Runoff      Runoff   Runoff   Coeff
  Subcatchment                 mm         mm         mm         mm         mm
mm         mm    10^6 ltr      CMS
  ---------------------------------------------------------------------------------------
---------------------------------------------
  PAD1001Link_1             25.00       1.04       0.00      23.65       1.00
0.14       1.13        0.00     0.00   0.044
  PAD1004Link               25.00       0.00       0.00      22.78       0.96
0.00       0.96        0.00     0.00   0.038
  PAD1005Link               25.00       0.00       0.00      22.78       0.96
0.00       0.96        0.01     0.00   0.038
  PAD1006Link_1             25.00       0.00       0.00      22.78       0.96
0.00       0.96        0.01     0.01   0.038
  PAD1006Link_2             25.00       0.00       0.00      22.78       0.96
0.00       0.96        0.00     0.00   0.038
  PAD1007Link_1             25.00       0.00       0.00      22.78       0.96
0.00       0.96        0.01     0.01   0.038
  PAD1007Link_2             25.00       0.00       0.00      22.78       0.96
0.00       0.96        0.00     0.00   0.038
  PAD1008Link_1             25.00       0.00       0.00      22.78       0.95
0.00       0.95        0.00     0.00   0.038
  PAD1009Link_2             25.00       0.00       0.00      22.78       0.95
0.00       0.95        0.00     0.00   0.038
  PAD1010Link               25.00       0.00       0.00      22.78       0.96
0.00       0.96        0.00     0.00   0.038
  PAD1011Link_1             25.00       0.00       0.00      22.78       0.96
0.00       0.96        0.01     0.01   0.038
  PAD1011Link_2             25.00       0.00       0.00      22.78       0.96
0.00       0.96        0.01     0.01   0.038
  PAD1102Link               25.00       0.00       0.00       0.00      23.86
0.00      23.86        0.12     0.08   0.954
  PAD1103Link               25.00       0.00       0.00       0.00      23.86
0.00      23.86        0.15     0.10   0.954
  PAD1104Link               25.00       0.00       0.00       0.00      23.86
0.00      23.86        0.06     0.04   0.954
  PAD1201Link               25.00       0.00       0.00      22.78       0.95
0.00       0.95        0.01     0.01   0.038
  PAD1202Link               25.00       0.00       0.00      22.78       0.96
0.00       0.96        0.02     0.01   0.038
  PAD1203Link               25.00       0.00       0.00      22.78       0.96
0.00       0.96        0.01     0.01   0.038
```

PAD1204Link		25.00	0.00	0.00	22.78	0.95	0.00	0.95	0.01	0.01	0.038
PAD1205Link		25.00	0.00	0.00	22.78	0.95	0.00	0.95	0.00	0.00	0.038
PAD1206Link		25.00	0.00	0.00	22.78	0.95	0.00	0.95	0.00	0.00	0.038
PAD1207Link_1		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
PAD1207Link_2		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
PAD1208Link		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
PAD1209Link_1		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
PAD1209Link_2		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
PAD1301Link_1		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
PAD1301Link_2		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
PAD1401Link_1		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.00	0.00	0.038
PAD1401Link_2		25.00	0.88	0.00	23.49	0.99	0.14	1.13	0.01	0.00	0.044
PAD1501Link		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
PAD501		25.00	0.00	0.00	22.78	0.95	0.00	0.95	0.01	0.01	0.038
PAD502Link		25.00	0.00	0.00	22.78	0.95	0.00	0.95	0.01	0.01	0.038
PAD503Link		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.00	0.00	0.038
PAD504Link		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
PAD601Link		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.02	0.02	0.038
PAD602Link		25.00	0.00	0.00	22.78	0.95	0.00	0.95	0.00	0.00	0.038
PAD603Link_1		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
PAD603Link_2		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.00	0.00	0.038
PAD604Link_1		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
PAD604Link_2		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.02	0.02	0.038
PAD605Link		25.00	0.81	0.00	23.48	0.99	0.10	1.09	0.01	0.00	0.042
PAD613Link_1		25.00	0.00	0.00	0.00	23.90	0.00	23.90	0.02	0.02	0.956
PAD613Link_2		25.00	0.00	0.00	0.00	23.86	0.00	23.86	0.10	0.07	0.954
PAD614Link_1		25.00	0.00	0.00	0.00	23.86	0.00	23.86	0.09	0.06	0.954
PAD614Link_2		25.00	0.00	0.00	0.00	23.90	0.00	23.90	0.01	0.01	0.956
PAD614Link_3		25.00	0.00	0.00	5.22	18.13	0.48	18.62	0.00	0.00	0.745
PAD614Link_4		25.00	0.00	0.00	5.18	18.14	0.52	18.66	0.02	0.02	0.746

PAD615Link_1		25.00	0.00	0.00	0.00	23.86	0.00	23.86	0.10	0.07	0.954
PAD615Link_2		25.00	0.00	0.00	5.18	18.14	0.52	18.66	0.03	0.02	0.746
PAD615Link_3		25.00	0.00	0.00	5.18	18.14	0.52	18.66	0.03	0.02	0.746
PAD616Link		25.00	0.00	0.00	0.00	23.86	0.00	23.86	0.08	0.06	0.954
PAD701Link		25.00	0.00	0.00	22.78	0.95	0.00	0.95	0.01	0.00	0.038
PAD702Link		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
PAD703Link		25.00	0.00	0.00	22.78	0.95	0.00	0.95	0.01	0.01	0.038
PAD801Link		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.00	0.00	0.038
PAD802Link		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
PAD803Link		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.00	0.00	0.038
PAD804Link		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
PAD901Link_1		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
PAD901Link_2		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
PAD901Link_3		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
S1		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
S3		25.00	0.00	0.00	22.78	0.95	0.00	0.95	0.01	0.01	0.038
S4		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.02	0.02	0.038
S40		25.00	0.00	0.00	5.11	18.14	0.58	18.72	0.00	0.00	0.749
S41		25.00	0.00	0.00	5.11	18.14	0.58	18.72	0.00	0.00	0.749
S49_2		25.00	0.00	0.00	5.21	18.14	0.48	18.62	0.00	0.00	0.745
S5		25.00	2.34	0.00	22.99	1.05	2.04	3.10	0.01	0.00	0.113
S6		25.00	0.00	0.00	22.72	0.96	0.07	1.03	0.00	0.00	0.041
S7_1		25.00	0.00	0.00	0.00	24.79	0.00	24.79	0.01	0.01	0.992
S7_10		25.00	0.00	0.00	2.41	21.23	1.34	22.56	0.05	0.04	0.903
S7_11		25.00	0.00	0.00	2.41	21.23	1.34	22.56	0.04	0.03	0.903
S7_12		25.00	0.00	0.00	2.41	21.23	1.34	22.56	0.04	0.03	0.903
S7_2		25.00	0.00	0.00	0.00	24.79	0.00	24.79	0.01	0.01	0.991
S7_3		25.00	0.00	0.00	0.00	24.79	0.00	24.79	0.01	0.01	0.992
S7_5		25.00	0.00	0.00	0.00	24.79	0.00	24.79	0.06	0.05	0.991
S7_6		25.00	0.00	0.00	2.41	21.23	1.34	22.56	0.05	0.04	0.903

S7_7			25.00	0.00	0.00	2.41	21.23
1.34	22.56	0.05	0.04	0.903			
S7_8			25.00	0.00	0.00	2.41	21.23
1.34	22.56	0.05	0.03	0.903			
S7_9			25.00	0.00	0.00	2.41	21.23
1.34	22.56	0.06	0.04	0.903			
S8			25.00	0.00	0.00	22.78	0.96
0.00	0.96	0.01	0.01	0.038			
SubA			25.00	0.00	0.00	22.78	0.95
0.00	0.95	0.00	0.00	0.038			
SubA1_1			25.00	0.00	0.00	22.78	0.96
0.00	0.96	0.02	0.01	0.038			
SubA1_2			25.00	0.00	0.00	22.78	0.95
0.00	0.95	0.01	0.01	0.038			
SubA2			25.00	0.00	0.00	22.78	0.96
0.00	0.96	0.01	0.01	0.038			
SubA2A1			25.00	0.00	0.00	22.78	0.96
0.00	0.96	0.01	0.01	0.038			
SubA2A2			25.00	0.00	0.00	22.78	0.96
0.00	0.96	0.01	0.01	0.038			
SubA2B1			25.00	0.00	0.00	22.78	0.96
0.00	0.96	0.01	0.01	0.038			
SubA2B2			25.00	0.00	0.00	22.78	0.96
0.00	0.96	0.01	0.00	0.038			
SubA2B3			25.00	0.00	0.00	22.78	0.95
0.00	0.95	0.01	0.01	0.038			
SubA2B4			25.00	0.00	0.00	22.78	0.96
0.00	0.96	0.01	0.01	0.038			
SubA2B5			25.00	0.00	0.00	22.78	0.96
0.00	0.96	0.01	0.00	0.038			
SubA2B5A1_1			25.00	0.00	0.00	22.78	0.96
0.00	0.96	0.01	0.01	0.038			
SubA2B5A1_2			25.00	0.00	0.00	22.78	0.96
0.00	0.96	0.01	0.01	0.038			
SubA2B5B1			25.00	0.00	0.00	22.78	0.96
0.00	0.96	0.01	0.01	0.038			
SubA2B5B2_1			25.00	0.00	0.00	22.78	0.96
0.00	0.96	0.01	0.01	0.038			
SubA2B5B2_2			25.00	0.00	0.00	22.78	0.96
0.00	0.96	0.01	0.01	0.038			
SubA2B5B3_1			25.00	0.00	0.00	22.78	0.96
0.00	0.96	0.01	0.01	0.038			
SubA2B5B3_2			25.00	0.00	0.00	22.78	0.96
0.00	0.96	0.01	0.01	0.038			
SubB_1			25.00	0.00	0.00	22.78	0.96
0.00	0.96	0.01	0.01	0.038			
SubB_2			25.00	0.00	0.00	22.78	0.95
0.00	0.95	0.00	0.00	0.038			
SubB1			25.00	0.00	0.00	22.78	0.95
0.00	0.95	0.00	0.00	0.038			
SubB3_1			25.00	0.00	0.00	22.78	0.95
0.00	0.95	0.01	0.01	0.038			
SubB3_2			25.00	0.00	0.00	22.78	0.96
0.00	0.96	0.01	0.01	0.038			
SubB4			25.00	0.00	0.00	22.78	0.95
0.00	0.95	0.00	0.00	0.038			
SubB4A1_1			25.00	0.00	0.00	22.78	0.95
0.00	0.95	0.01	0.01	0.038			
SubB4A1_2			25.00	0.00	0.00	22.78	0.95
0.00	0.95	0.01	0.01	0.038			

SubB4A1A2_1		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
SubB4A1A2_3		25.00	0.00	0.00	22.78	0.95	0.00	0.95	0.01	0.01	0.038
SubB4A1A3		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.00	0.00	0.038
SubB4A1A4_1		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.00	0.00	0.038
SubB4A1A4_2		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
SubB4A1B1_2		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
SubB4A1B2		25.00	0.00	0.00	22.78	0.95	0.00	0.95	0.00	0.00	0.038
SubB4A1B3_2		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
SubB4B1		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
SubB4B2		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.00	0.038
SubB4B3		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.00	0.038
SubB4B4_1		25.00	0.00	0.00	22.78	0.95	0.00	0.95	0.01	0.00	0.038
SubB4B4_2		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
SubB4B5		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
SubB4B6		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.00	0.038
SubB4B6A1		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
SubB4B6A2_1		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
SubB4B6A2_2		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.00	0.00	0.038
SubB4B6A3		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.00	0.00	0.038
SubB4B6A3_3		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.00	0.00	0.038
SubB4B6A3_4		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.00	0.038
SubB4B6A3_5		25.00	0.00	0.00	22.78	0.95	0.00	0.95	0.01	0.01	0.038
SubB4B6A4_1		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
SubB4B6A4_2		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
SubB4B6A6		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038
SubB4B6B1		25.00	0.00	0.00	22.78	0.96	0.00	0.96	0.01	0.01	0.038

****
Node Depth Summary
****

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
Existing-Node-A1	JUNCTION	0.20	0.22	93.67	0 02:40	0.22
Existing-Node-A2	JUNCTION	0.00	0.04	93.97	0 02:08	0.04
Existing-Node-A2A1	JUNCTION	0.00	0.02	94.86	0 01:56	0.02
Existing-Node-A2A2	JUNCTION	0.00	0.01	95.04	0 01:40	0.01
Existing-Node-A2B1	JUNCTION	0.00	0.08	94.17	0 02:09	0.08
Existing-Node-A2B2	JUNCTION	0.01	0.05	94.17	0 02:08	0.05
Existing-Node-A2B3	JUNCTION	0.00	0.03	94.30	0 01:40	0.03
Existing-Node-A2B4	JUNCTION	0.00	0.04	94.57	0 01:51	0.04
Existing-Node-A2B5	JUNCTION	0.00	0.02	94.73	0 01:42	0.02
Existing-Node-A2B5A1	JUNCTION	0.00	0.07	94.79	0 01:35	0.07
Existing-Node-A2B5B1	JUNCTION	0.00	0.01	94.83	0 02:25	0.01
Existing-Node-A2B5B2	JUNCTION	0.00	0.04	94.87	0 02:00	0.04
Existing-Node-A2B5B3	JUNCTION	0.00	0.02	94.94	0 01:40	0.02
Existing-Node-B1	JUNCTION	0.01	0.14	93.98	0 02:03	0.14
Existing-Node-B3	JUNCTION	0.02	0.18	94.08	0 02:03	0.18
Existing-Node-B4	JUNCTION	0.01	0.14	94.10	0 02:02	0.14
Existing-Node-B4A1	JUNCTION	0.00	0.09	94.16	0 01:56	0.09
Existing-Node-B4A1A1	JUNCTION	0.00	0.17	94.83	0 01:53	0.17
Existing-Node-B4A1A2	JUNCTION	0.00	0.06	94.88	0 01:49	0.06
Existing-Node-B4A1A3	JUNCTION	0.00	0.04	95.13	0 01:47	0.04
Existing-Node-B4A1A4	JUNCTION	0.00	0.05	95.32	0 01:45	0.05
Existing-Node-B4A1A5	JUNCTION	0.14	0.14	96.54	3 12:00	0.14
Existing-Node-B4A1B1	JUNCTION	0.00	0.03	94.98	0 01:40	0.03
Existing-Node-B4A1B2	JUNCTION	0.00	0.04	95.12	0 01:40	0.04
Existing-Node-B4A1B3	JUNCTION	0.00	0.02	95.30	0 01:40	0.02
Existing-Node-B4B1	JUNCTION	0.00	0.04	94.41	0 01:50	0.04
Existing-Node-B4B2	JUNCTION	0.00	0.05	94.60	0 01:50	0.05
Existing-Node-B4B3	JUNCTION	0.00	0.03	94.62	0 01:48	0.03
Existing-Node-B4B4	JUNCTION	0.00	0.03	94.70	0 01:46	0.03
Existing-Node-B4B5	JUNCTION	0.00	0.05	94.82	0 01:44	0.05
Existing-Node-B4B6	JUNCTION	0.00	0.03	94.83	0 01:42	0.03
Existing-Node-B4B6A1	JUNCTION	0.00	0.05	95.02	0 01:40	0.05
Existing-Node-B4B6A2	JUNCTION	0.00	0.02	95.22	0 01:40	0.02
Existing-Node-B4B6A3	JUNCTION	0.00	0.04	95.70	0 01:40	0.04
Existing-Node-B4B6A4	JUNCTION	0.00	0.04	95.80	0 01:55	0.04
Existing-Node-B4B6A5	JUNCTION	0.00	0.02	96.00	0 01:40	0.02
Existing-Node-B4B6A6	JUNCTION	0.00	0.07	96.21	0 01:40	0.07
Existing-Node-B4B6B1	JUNCTION	0.00	0.02	94.87	0 01:40	0.02
Existing-Node-C1	JUNCTION	0.03	0.07	93.88	0 01:40	0.07
Existing-Node-C1A1	JUNCTION	0.00	0.02	94.24	0 01:40	0.02
Existing-Node-C1A2	JUNCTION	0.00	0.04	94.29	0 01:33	0.04
Existing-Node-C1B1	JUNCTION	0.02	0.06	94.12	0 02:21	0.06
Existing-Node-C1B2	JUNCTION	0.02	0.06	94.51	0 02:20	0.06
Existing-Node-C1B2A1	JUNCTION	0.02	0.05	94.65	0 02:10	0.05
Existing-Node-C1B2A2	JUNCTION	0.01	0.03	94.79	0 01:40	0.03
Existing-Node-C1B2A2A1	JUNCTION	0.00	0.04	94.89	0 01:47	0.04
Existing-Node-C1B2A2A2	JUNCTION	0.03	0.08	94.90	0 01:41	0.08
Existing-Node-C1B2A2A3	JUNCTION	0.00	0.04	94.91	0 01:40	0.04
Existing-Node-C1B2A2A4	JUNCTION	0.00	0.05	94.95	0 01:34	0.05

Existing-Node-C1B2A2B1	JUNCTION	0.03	0.06	94.94	0	06:40	0.06
Existing-Node-C1B2A2B1A1	JUNCTION	0.00	0.02	95.20	0	01:40	0.02
Existing-Node-C1B2A2B1B1	JUNCTION	0.02	0.04	94.97	0	04:37	0.04
Existing-Node-C1B2B1	JUNCTION	0.01	0.08	94.65	0	02:58	0.08
Existing-Node-C1B2B1A1	JUNCTION	0.01	0.07	94.65	0	03:00	0.07
Existing-Node-C1B2B1A2	JUNCTION	0.00	0.04	95.02	0	01:40	0.04
Existing-Node-C1B2B1A3	JUNCTION	0.00	0.01	95.23	0	01:40	0.01
Existing-Node-C1B2B1B1	JUNCTION	0.00	0.03	94.73	0	01:43	0.03
Existing-Node-C1B2B1B1A1	JUNCTION	0.00	0.04	94.77	0	01:37	0.04
Existing-Node-C1B2B1B1B1	JUNCTION	0.00	0.02	94.88	0	01:40	0.02
Existing-Node-C1B2B1B1B2	JUNCTION	0.00	0.02	95.23	0	01:52	0.02
Existing-Node-C1B2B1B1B2A1	JUNCTION	0.00	0.03	95.37	0	01:40	0.03
Existing-Node-C1B2B1B1B2B1	JUNCTION	0.00	0.07	95.32	0	02:34	0.07
Existing-Node-C1B2B1B1B2B2	JUNCTION	0.01	0.05	95.32	0	02:34	0.05
Existing-Node-C1B2B1B1B2B3	JUNCTION	0.00	0.06	95.34	0	01:40	0.06
Existing-Node-C1B2B1B1B2B3A1	JUNCTION	0.00	0.04	95.40	0	01:57	0.04
Existing-Node-C1B2B1B1B2B3A2	JUNCTION	0.00	0.03	95.56	0	01:43	0.03
Existing-Node-C1B2B1B1B2B3A3	JUNCTION	0.00	0.04	95.58	0	01:40	0.04
Existing-Node-C1B2B1B1B2B3B1	JUNCTION	0.00	0.06	95.36	0	01:40	0.06
J1	JUNCTION	0.00	0.09	95.68	0	01:46	0.09
J10	JUNCTION	0.00	0.13	96.11	0	01:43	0.13
J11	JUNCTION	0.00	0.13	96.38	0	01:42	0.13
J12	JUNCTION	0.00	0.12	96.59	0	01:42	0.12
J13	JUNCTION	0.00	0.05	97.74	0	01:40	0.05
J14	JUNCTION	0.00	0.08	97.53	0	01:40	0.08
J15	JUNCTION	0.00	0.10	97.25	0	01:41	0.10
J16	JUNCTION	0.00	0.11	96.90	0	01:41	0.11
J2	JUNCTION	0.00	0.03	95.57	0	01:50	0.03
J3	JUNCTION	0.00	0.02	97.42	0	01:40	0.02
J4	JUNCTION	0.01	0.15	95.51	0	01:44	0.15
J5	JUNCTION	0.02	0.05	95.13	0	01:54	0.05
J6	JUNCTION	0.02	0.04	94.96	0	04:43	0.04
J7	JUNCTION	0.00	0.00	97.83	0	00:00	0.00
J8	JUNCTION	0.00	0.04	95.80	0	01:43	0.04
J9	JUNCTION	0.00	0.13	96.00	0	01:43	0.13
Proposed1003Link	JUNCTION	0.02	0.07	95.18	0	02:03	0.07
Proposed1004Link	JUNCTION	0.00	0.06	95.21	0	02:00	0.06
Proposed1005Link	JUNCTION	0.01	0.08	95.34	0	01:46	0.08
Proposed1006Link	JUNCTION	0.01	0.08	95.39	0	01:40	0.08
Proposed1007Link	JUNCTION	0.01	0.04	95.41	0	03:59	0.04
Proposed1008Link	JUNCTION	0.00	0.01	95.45	0	02:29	0.01

Proposed1009Link	JUNCTION	0.01	0.06	95.51	0	01:53	0.06
Proposed1010Link	JUNCTION	0.00	0.03	95.51	0	01:40	0.03
Proposed1011Link	JUNCTION	0.00	0.10	95.67	0	01:37	0.10
Proposed1101Link	JUNCTION	0.04	0.32	96.09	0	01:40	0.32
Proposed1102Link	JUNCTION	0.00	0.26	96.08	0	01:40	0.26
Proposed1103Link	JUNCTION	0.00	0.10	96.08	0	01:40	0.10
Proposed1104Link	JUNCTION	0.00	0.05	96.14	0	01:40	0.05
Proposed610Link	JUNCTION	0.03	0.06	95.17	0	02:06	0.06
Proposed611Link	JUNCTION	0.12	0.42	95.82	0	04:28	0.42
Proposed613Link	JUNCTION	0.00	0.28	96.08	0	01:40	0.28
Proposed614Link	JUNCTION	0.00	0.24	96.11	0	01:40	0.24
Proposed615Link	JUNCTION	0.00	0.20	96.17	0	01:40	0.19
Proposed616Link	JUNCTION	0.00	0.11	96.19	0	01:40	0.11
Outfall_A	OUTFALL	0.00	0.02	93.67	0	02:40	0.02
Outfall_B	OUTFALL	0.01	0.14	93.95	0	02:03	0.14
Outfall_C	OUTFALL	0.02	0.06	93.72	0	01:41	0.06
Bassin	STORAGE	1.12	1.42	95.82	0	04:28	1.42

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Node Inflow Summary
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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 10^6 ltr	Flow Balance Error Percent
Existing-Node-A1	JUNCTION	0.018	0.031	0 01:40	0.0228	0.177	45.152
Existing-Node-A2	JUNCTION	0.006	0.020	0 01:40	0.00715	0.15	-2.221
Existing-Node-A2A1	JUNCTION	0.010	0.015	0 01:40	0.012	0.0236	4.711
Existing-Node-A2A2	JUNCTION	0.009	0.009	0 01:40	0.0108	0.0108	-7.468
Existing-Node-A2B1	JUNCTION	0.007	0.017	0 01:38	0.00901	0.121	0.000
Existing-Node-A2B2	JUNCTION	0.005	0.020	0 01:40	0.00601	0.112	0.745
Existing-Node-A2B3	JUNCTION	0.011	0.020	0 01:40	0.0131	0.106	-0.659
Existing-Node-A2B4	JUNCTION	0.007	0.021	0 01:40	0.00871	0.093	0.443
Existing-Node-A2B5	JUNCTION	0.004	0.028	0 01:40	0.00502	0.0836	-0.834
Existing-Node-A2B5A1	JUNCTION	0.017	0.017	0 01:40	0.0205	0.0205	-0.038
Existing-Node-A2B5B1	JUNCTION	0.009	0.012	0 01:40	0.0108	0.0587	1.188
Existing-Node-A2B5B2	JUNCTION	0.016	0.031	0 01:40	0.0201	0.0505	5.338

Existing-Node-A2B5B3	JUNCTION	0.023	0.023	0	01:40	0.028	0.028	-7.837
Existing-Node-B1	JUNCTION	0.004	0.155	0	02:03	0.00455	0.646	0.010
Existing-Node-B3	JUNCTION	0.022	0.155	0	02:01	0.0273	0.642	0.064
Existing-Node-B4	JUNCTION	0.003	0.171	0	01:56	0.00396	0.616	0.274
Existing-Node-B4A1	JUNCTION	0.015	0.148	0	01:53	0.0192	0.44	-0.085
Existing-Node-B4A1A1	JUNCTION	0.000	0.161	0	01:49	0	0.391	0.216
Existing-Node-B4A1A2	JUNCTION	0.021	0.169	0	01:47	0.0255	0.39	-0.109
Existing-Node-B4A1A3	JUNCTION	0.004	0.176	0	01:45	0.00468	0.365	0.001
Existing-Node-B4A1A4	JUNCTION	0.004	0.176	0	01:44	0.00442	0.36	-0.019
Existing-Node-B4A1A5	JUNCTION	0.009	0.013	0	01:40	0.0117	0.015	14969.084 ltr
Existing-Node-B4A1B1	JUNCTION	0.010	0.023	0	01:40	0.0125	0.031	-1.599
Existing-Node-B4A1B2	JUNCTION	0.004	0.015	0	01:40	0.00474	0.0187	1.098
Existing-Node-B4A1B3	JUNCTION	0.011	0.011	0	01:40	0.0138	0.0138	-1.114
Existing-Node-B4B1	JUNCTION	0.009	0.033	0	01:50	0.0109	0.171	-0.240
Existing-Node-B4B2	JUNCTION	0.004	0.032	0	01:48	0.0051	0.16	0.124
Existing-Node-B4B3	JUNCTION	0.005	0.033	0	01:40	0.00559	0.155	-0.005
Existing-Node-B4B4	JUNCTION	0.010	0.035	0	01:40	0.0118	0.149	-0.018
Existing-Node-B4B5	JUNCTION	0.009	0.035	0	01:40	0.0107	0.138	0.082
Existing-Node-B4B6	JUNCTION	0.005	0.036	0	01:40	0.00588	0.127	0.186
Existing-Node-B4B6A1	JUNCTION	0.011	0.029	0	01:40	0.014	0.108	0.079
Existing-Node-B4B6A2	JUNCTION	0.008	0.020	0	01:40	0.01	0.0939	-0.044
Existing-Node-B4B6A3	JUNCTION	0.018	0.029	0	01:40	0.0225	0.0785	-1.120
Existing-Node-B4B6A4	JUNCTION	0.020	0.034	0	01:40	0.0243	0.0587	4.884
Existing-Node-B4B6A5	JUNCTION	0.015	0.025	0	01:40	0.019	0.0321	-6.634
Existing-Node-B4B6A6	JUNCTION	0.011	0.011	0	01:40	0.013	0.013	-0.139
Existing-Node-B4B6B1	JUNCTION	0.011	0.011	0	01:40	0.0133	0.0133	-1.598
Existing-Node-C1	JUNCTION	0.005	0.039	0	01:40	0.00657	1.27	0.058
Existing-Node-C1A1	JUNCTION	0.003	0.014	0	01:34	0.00392	0.0169	-1.076
Existing-Node-C1A2	JUNCTION	0.010	0.010	0	01:40	0.0129	0.0129	-0.045
Existing-Node-C1B1	JUNCTION	0.020	0.025	0	01:40	0.0244	1.25	-0.016

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  Existing-Node-C1B2   JUNCTION     0.004    0.022     0  02:17     0.00442
1.23       0.121
  Existing-Node-C1B2A1 JUNCTION     0.014    0.032     0  01:40      0.0174
1.06       0.190
  Existing-Node-C1B2A2 JUNCTION     0.026    0.033     0  01:40      0.0317
1.04       0.012
  Existing-Node-C1B2A2A1 JUNCTION     0.003    0.012     0  01:40     0.00426
0.0237       0.021
  Existing-Node-C1B2A2A2 JUNCTION     0.008    0.015     0  01:40      0.0102
0.0221      13.726
  Existing-Node-C1B2A2A3 JUNCTION     0.004    0.010     0  01:37     0.00453
0.0117      -0.177
  Existing-Node-C1B2A2A4 JUNCTION     0.006    0.006     0  01:40     0.00713
0.00713      -0.181
  Existing-Node-C1B2A2B1 JUNCTION     0.015    0.023     0  01:40       0.019
0.989       0.349
  Existing-Node-C1B2A2B1A1 JUNCTION     0.011    0.011     0  01:40      0.0141
0.0141     -11.906
  Existing-Node-C1B2A2B1B1 JUNCTION     0.000    0.011     0  01:59           0
0.955       0.022
  Existing-Node-C1B2B1 JUNCTION     0.005    0.021     0  01:40     0.00597
0.17       1.091
  Existing-Node-C1B2B1A1 JUNCTION     0.000    0.012     0  01:42           0
0.0312       6.252
  Existing-Node-C1B2B1A2 JUNCTION     0.018    0.019     0  01:40      0.0221
0.029      -5.406
  Existing-Node-C1B2B1A3 JUNCTION     0.002    0.002     0  01:40     0.00693
0.00693       0.637
  Existing-Node-C1B2B1B1 JUNCTION     0.008    0.036     0  01:40     0.00979
0.133      -1.072
  Existing-Node-C1B2B1B1A1 JUNCTION     0.014    0.014     0  01:40      0.0174
0.0174      -2.590
  Existing-Node-C1B2B1B1B1 JUNCTION     0.013    0.020     0  01:40      0.0157
0.105      -0.076
  Existing-Node-C1B2B1B1B2 JUNCTION     0.006    0.016     0  01:40     0.00752
0.0901       0.928
  Existing-Node-C1B2B1B1B2A1 JUNCTION     0.008    0.008     0  01:40      0.0107
0.0107      -4.685
  Existing-Node-C1B2B1B1B2B1 JUNCTION     0.005    0.016     0  01:39     0.00668
0.0717       0.313
  Existing-Node-C1B2B1B1B2B2 JUNCTION     0.003    0.017     0  01:40     0.00386
0.0649      -0.100
  Existing-Node-C1B2B1B1B2B3 JUNCTION     0.001    0.015     0  01:40    0.000821
0.061       0.001
  Existing-Node-C1B2B1B1B2B3A1 JUNCTION     0.016    0.026     0  01:40      0.0199
0.0523       1.508
  Existing-Node-C1B2B1B1B2B3A2 JUNCTION     0.011    0.022     0  01:40       0.014
0.0322      -0.411
  Existing-Node-C1B2B1B1B2B3A3 JUNCTION     0.014    0.014     0  01:40      0.0176
0.0176      -3.083
  Existing-Node-C1B2B1B1B2B3B1 JUNCTION     0.007    0.007     0  01:40     0.00872
0.00872      -0.135
  J1                   JUNCTION     0.000    0.026     0  01:40           0
0.0793       0.830
  J10                  JUNCTION     0.000    0.156     0  01:42           0
0.294       0.027
  J11                  JUNCTION     0.027    0.157     0  01:41      0.0387
0.294      -0.017
  J12                  JUNCTION     0.029    0.142     0  01:40      0.0424
0.255       0.008
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J13	JUNCTION	0.036	0.036	0	01:40	0.0529	0.0529
-0.036							
J14	JUNCTION	0.033	0.067	0	01:40	0.0476	0.1
-0.018							
J15	JUNCTION	0.040	0.102	0	01:40	0.0581	0.159
-0.006							
J16	JUNCTION	0.037	0.127	0	01:40	0.0542	0.213
0.007							
J2	JUNCTION	0.004	0.016	0	01:40	0.00524	0.0839
0.108							
J3	JUNCTION	0.010	0.010	0	01:40	0.0127	0.0127
-5.150							
J4	JUNCTION	0.000	0.177	0	01:43	0	0.355
-0.009							
J5	JUNCTION	0.000	0.010	0	02:07	0	0.955
0.015							
J6	JUNCTION	0.000	0.011	0	02:04	0	0.955
0.072							
J7	JUNCTION	0.000	0.000	0	00:00	0	0
0.000 ltr							
J8	JUNCTION	0.000	0.176	0	01:43	0	0.345
-0.003							
J9	JUNCTION	0.035	0.174	0	01:43	0.0514	0.345
-0.002							
Proposed1003Link	JUNCTION	0.000	0.004	0	02:00	0	0.0617
0.031							
Proposed1004Link	JUNCTION	0.001	0.005	0	01:50	0.00104	0.0617
0.149							
Proposed1005Link	JUNCTION	0.004	0.010	0	01:40	0.00513	0.0607
-0.037							
Proposed1006Link	JUNCTION	0.007	0.008	0	01:40	0.00896	0.0555
-0.112							
Proposed1007Link	JUNCTION	0.010	0.010	0	01:40	0.0126	0.0467
0.395							
Proposed1008Link	JUNCTION	0.000	0.003	0	01:54	0	0.034
-0.197							
Proposed1009Link	JUNCTION	0.001	0.026	0	01:40	0.000633	0.0363
6.394							
Proposed1010Link	JUNCTION	0.009	0.027	0	01:39	0.011	0.034
-4.883							
Proposed1011Link	JUNCTION	0.018	0.018	0	01:40	0.0228	0.0228
-0.092							
Proposed1101Link	JUNCTION	0.000	0.224	0	01:40	0	0.338
0.250							
Proposed1102Link	JUNCTION	0.092	0.231	0	01:40	0.133	0.337
0.008							
Proposed1103Link	JUNCTION	0.101	0.141	0	01:40	0.147	0.204
-0.015							
Proposed1104Link	JUNCTION	0.040	0.040	0	01:40	0.0573	0.0573
-0.008							
Proposed610Link	JUNCTION	0.000	0.010	0	02:03	0	0.956
0.089							
Proposed611Link	JUNCTION	0.000	0.007	0	04:28	0	0.895
-0.000							
Proposed613Link	JUNCTION	0.093	0.555	0	01:40	0.129	0.83
0.037							
Proposed614Link	JUNCTION	0.088	0.251	0	01:40	0.123	0.364
0.001							
Proposed615Link	JUNCTION	0.115	0.170	0	01:40	0.158	0.24
-0.010							

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  Proposed616Link      JUNCTION     0.058    0.058     0  01:40      0.0821
0.0821       0.003
  Outfall_A            OUTFALL      0.003    0.015     0  02:40     0.00347
0.125        0.000
  Outfall_B            OUTFALL      0.012    0.156     0  02:03      0.0149
0.661        0.000
  Outfall_C            OUTFALL      0.005    0.037     0  01:40     0.00626
1.28         0.000
  Bassin               STORAGE      0.061    0.609     0  01:40      0.0782
2.36       -0.010


  **********************
  Node Surcharge Summary
  **********************

  No nodes were surcharged.


  **********************
  Node Flooding Summary
  **********************

  No nodes were flooded.


  **********************
  Storage Volume Summary
  **********************

  ------------------------------------------------------------------------------
---------------
                         Average    Avg   Evap  Exfil     Maximum    Max    Time of
Max    Maximum
                          Volume   Pcnt   Pcnt   Pcnt      Volume   Pcnt
Occurrence    Outflow
  Storage Unit           1000 m³   Full   Loss   Loss     1000 m³   Full    days
hr:min        CMS
  ------------------------------------------------------------------------------
---------------
  Bassin                   1.689   33.8    0.0    0.0       2.273   45.4       0
04:28       0.007


  **********************
  Outfall Loading Summary
  **********************

  ---------------------------------------------------------
                         Flow       Avg       Max       Total
                         Freq      Flow      Flow      Volume
  Outfall Node           Pcnt       CMS       CMS    10^6 ltr
  ---------------------------------------------------------
  Outfall_A             38.30     0.001     0.015       0.125
  Outfall_B             46.33     0.005     0.156       0.661
  Outfall_C             99.79     0.004     0.037       1.280
  ---------------------------------------------------------
  System                61.47     0.010     0.177       2.066
```

****
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
100mm_2	CONDUIT	0.001	0	04:28	0.39	0.12	0.23
150mm_3	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
75mm_1	CONDUIT	0.007	0	04:28	1.54	1.66	1.00
C1_1	CONDUIT	0.000	0	00:00	0.00	0.00	0.03
C1_10	CONDUIT	0.119	0	01:41	0.85	0.01	0.11
C1_2	CONDUIT	0.176	0	01:43	1.68	0.02	0.09
C1_3	CONDUIT	0.035	0	01:40	0.48	0.00	0.06
C1_4	CONDUIT	0.155	0	01:43	0.94	0.02	0.13
C1_5	CONDUIT	0.156	0	01:42	0.98	0.02	0.13
C1_6	CONDUIT	0.138	0	01:42	0.90	0.02	0.12
C1_7	CONDUIT	0.063	0	01:40	0.63	0.01	0.09
C1_8	CONDUIT	0.094	0	01:41	0.77	0.01	0.10
C2	CONDUIT	0.174	0	01:43	1.52	0.00	0.10
Channel1A1	CHANNEL	0.015	0	02:40	0.05	0.00	0.08
Channel1A2	CHANNEL	0.017	0	02:08	0.10	0.00	0.12
Channel1A2A1	CHANNEL	0.003	0	01:56	0.25	0.00	0.04
Channel1A2A2	CHANNEL	0.006	0	01:40	0.07	0.00	0.09
Channel1A2B1	CONDUIT	0.014	0	02:09	0.20	0.01	0.07
Channel1A2B2	CHANNEL	0.013	0	02:04	0.19	0.00	0.07
Channel1A2B3	CHANNEL	0.015	0	01:40	0.20	0.00	0.06
Channel1A2B4	CHANNEL	0.014	0	01:51	0.47	0.00	0.05
Channel1A2B5	CHANNEL	0.016	0	01:42	0.13	0.00	0.11
Channel1A2B5A1	CONDUIT	0.017	0	01:38	0.19	0.06	0.11
Channel1A2B5B1	CHANNEL	0.007	0	01:40	0.10	0.01	0.13
Channel1A2B5B2	CHANNEL	0.006	0	02:01	0.74	0.00	0.11
Channel1A2B5B3	CHANNEL	0.015	0	01:40	0.08	0.00	0.17
Channel1B1	CHANNEL	0.155	0	02:03	0.91	0.00	0.08
Channel1B2212_1	CHANNEL	0.003	0	01:40	0.12	0.00	0.04
Channel1B2212_3	CONDUIT	0.007	0	01:40	0.52	0.00	0.14
Channel1B2212_4	CHANNEL	0.175	0	01:44	1.20	0.00	0.06
Channel1B3	CHANNEL	0.155	0	02:03	0.86	0.00	0.08
Channel1B4	CHANNEL	0.154	0	02:01	0.37	0.00	0.08
Channel1B4A1	CHANNEL	0.140	0	01:56	0.39	0.00	0.06
Channel1B4A1A1	CONDUIT	0.141	0	01:53	0.87	0.02	0.11
Channel1B4A1A2	CHANNEL	0.161	0	01:49	0.27	0.00	0.09
Channel1B4A1A3	CHANNEL	0.166	0	01:47	0.37	0.00	0.07
Channel1B4A1A4	CHANNEL	0.175	0	01:45	0.60	0.00	0.03
Channel1B4A1B1	CHANNEL	0.021	0	01:40	0.36	0.00	0.05
Channel1B4A1B2	CHANNEL	0.013	0	01:40	0.39	0.00	0.05
Channel1B4A1B3	CHANNEL	0.011	0	01:40	0.17	0.00	0.06
Channel1B4B1	CHANNEL	0.033	0	01:50	0.48	0.00	0.08
Channel1B4B2	CHANNEL	0.032	0	01:50	0.49	0.00	0.04
Channel1B4B3	CHANNEL	0.031	0	01:48	0.20	0.00	0.04
Channel1B4B4	CHANNEL	0.031	0	01:46	0.24	0.00	0.04
Channel1B4B5	CHANNEL	0.030	0	01:44	0.29	0.00	0.05
Channel1B4B6	CHANNEL	0.029	0	01:42	0.19	0.00	0.07

ChannelB4B6A1	CHANNEL	0.022	0	01:41	0.37	0.00	0.10
ChannelB4B6A2	CHANNEL	0.018	0	01:40	0.16	0.00	0.09
ChannelB4B6A3_1	CHANNEL	0.026	0	01:40	0.17	0.00	0.27
ChannelB4B6A3_3	CONDUIT	0.015	0	01:47	1.20	0.09	0.13
ChannelB4B6A3_4	CHANNEL	0.016	0	01:50	0.39	0.00	0.12
ChannelB4B6A4	CHANNEL	0.012	0	01:41	0.23	0.00	0.13
ChannelB4B6A5	CHANNEL	0.015	0	01:40	0.14	0.00	0.18
ChannelB4B6A6	CONDUIT	0.009	0	01:40	0.17	0.03	0.12
ChannelB4B6B1	CHANNEL	0.011	0	01:40	0.16	0.00	0.06
Proposed1003LinkChannel	CONDUIT	0.004	0	02:01	0.11	0.02	0.13
Proposed1004LinkChannel	CONDUIT	0.004	0	02:00	0.12	0.01	0.12
Proposed1005LinkChannel	CONDUIT	0.005	0	01:50	0.12	0.02	0.13
Proposed1006LinkChannel	CONDUIT	0.006	0	01:40	0.12	0.02	0.15
Proposed1007LinkChannel	CONDUIT	0.002	0	03:59	0.08	0.01	0.11
Proposed1008LinkChannel	CHANNEL	0.003	0	02:29	0.03	0.00	0.05
Proposed1009LinkChannel	CONDUIT	0.003	0	01:54	0.72	0.10	0.11
Proposed1010LinkChannel	CHANNEL	0.025	0	01:40	0.53	0.00	0.07
Proposed1011LinkChannel	CONDUIT	0.019	0	01:39	0.25	0.03	0.13
Proposed1101LinkChannel	CONDUIT	0.227	0	01:40	0.37	0.02	0.30
Proposed1102LinkChannel	CONDUIT	0.224	0	01:40	0.37	0.02	0.29
Proposed1103LinkChannel	CONDUIT	0.139	0	01:40	0.55	0.01	0.18
Proposed1104LinkChannel	CONDUIT	0.040	0	01:40	0.45	0.00	0.08
Proposed1201LinkChannel	CHANNEL	0.020	0	01:43	0.17	0.00	0.24
Proposed1202LinkChannel	CHANNEL	0.013	0	01:40	0.10	0.00	0.09
Proposed1203LinkChannel	CHANNEL	0.009	0	01:51	0.25	0.00	0.07
Proposed1204LinkChannel	CONDUIT	0.007	0	02:33	0.13	0.01	0.07
Proposed1205LinkChannel	CHANNEL	0.010	0	01:39	0.12	0.00	0.21
Proposed1206LinkChannel	CONDUIT	0.014	0	01:40	0.15	0.10	0.20
Proposed1207LinkChannel	CONDUIT	0.009	0	01:57	0.18	0.02	0.12
Proposed1208LinkChannel	CHANNEL	0.011	0	01:43	0.11	0.00	0.14
Proposed1209LinkChannel	CHANNEL	0.011	0	01:40	0.09	0.00	0.09
Proposed1301LinkChannel	CHANNEL	0.015	0	01:40	0.20	0.00	0.17
Proposed1401LinkChannel	CHANNEL	0.006	0	01:40	0.17	0.00	0.06
Proposed1501LinkChannel	CONDUIT	0.007	0	01:34	0.13	0.03	0.14
Proposed502LinkChannel	CHANNEL	0.033	0	01:41	0.55	0.00	0.09
Proposed503LinkChannel	CHANNEL	0.014	0	01:40	0.21	0.00	0.12
Proposed504LinkChannel	CHANNEL	0.010	0	01:34	0.56	0.00	0.06
Proposed601LinkChannel	CHANNEL	0.023	0	02:21	0.43	0.00	0.17
Proposed602LinkChannel	CHANNEL	0.022	0	02:20	0.42	0.00	0.10
Proposed603LinkChannel	CONDUIT	0.012	0	02:10	0.20	0.01	0.10
Proposed604LinkChannel	CHANNEL	0.019	0	01:40	0.17	0.00	0.06
Proposed605LinkChannel	CONDUIT	0.009	0	06:41	0.18	0.01	0.06
Proposed606LinkChannel_1	CONDUIT	0.011	0	02:04	0.10	0.02	0.08
Proposed606LinkChannel_2	CONDUIT	0.010	0	04:43	0.06	0.01	0.10
Proposed609LinkChannel_1	CONDUIT	0.010	0	02:07	0.10	0.06	0.17
Proposed609LinkChannel_2	CONDUIT	0.011	0	01:59	0.12	0.03	0.14
Proposed612Channel	CONDUIT	0.007	0	04:28	0.10	0.02	1.00
Proposed613LinkChannel	CONDUIT	0.554	0	01:40	1.32	0.05	0.22
Proposed614LinkChannel	CONDUIT	0.247	0	01:40	0.47	0.03	0.21
Proposed615LinkChannel	CONDUIT	0.164	0	01:40	0.39	0.04	0.21
Proposed616LinkChannel	CONDUIT	0.055	0	01:40	0.20	0.01	0.15
Proposed701LinkChannel	CONDUIT	0.011	0	02:44	0.14	0.04	0.17
Proposed702LinkChannel	CHANNEL	0.002	0	01:50	0.07	0.00	0.19
Proposed703LinkChannel	CHANNEL	0.011	0	01:42	0.32	0.00	0.19
Proposed704LinkChannel	CHANNEL	0.001	0	01:40	0.05	0.00	0.04
Proposed801LinkChannel	CONDUIT	0.006	0	01:46	0.09	0.02	0.08
Proposed802LinkChannel	CONDUIT	0.009	0	01:40	0.15	0.01	0.08

Proposed803LinkChannel	CONDUIT	0.007	0	01:40	0.05	0.01	0.12
Proposed804LinkChannel	CONDUIT	0.006	0	01:37	0.14	0.01	0.09
Proposed901LinkChannel	CHANNEL	0.008	0	01:40	0.19	0.00	0.19

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Flow Classification Summary
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Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class: Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
100mm_2	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
150mm_3	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75mm_1	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00
C1_1	1.00	0.42	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C1_10	1.00	0.00	0.01	0.00	0.98	0.00	0.00	0.00	0.95	0.00
C1_2	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.00	0.00
C1_3	1.00	0.12	0.30	0.00	0.57	0.01	0.00	0.00	0.59	0.00
C1_4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
C1_5	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
C1_6	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
C1_7	1.00	0.02	0.13	0.00	0.84	0.00	0.00	0.00	0.76	0.00
C1_8	1.00	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.88	0.00
C2	1.00	0.00	0.26	0.00	0.73	0.01	0.00	0.00	1.00	0.00
ChannelA1	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.03	0.00
ChannelA2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
ChannelA2A1	1.00	0.00	0.00	0.00	0.63	0.37	0.00	0.00	0.99	0.00
ChannelA2A2	1.00	0.00	0.50	0.00	0.50	0.00	0.00	0.00	1.00	0.00
ChannelA2B1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
ChannelA2B2	1.00	0.00	0.00	0.00	0.12	0.88	0.00	0.00	0.04	0.00
ChannelA2B3	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.98	0.00

Channel1A2B4	1.00	0.00	0.00	0.00	0.10	0.90	0.00	0.00	0.01
0.00									
Channel1A2B5	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	1.00
0.00									
Channel1A2B5A1	1.00	0.02	0.80	0.00	0.19	0.00	0.00	0.00	0.88
0.00									
Channel1A2B5B1	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.00
0.00									
Channel1A2B5B2	1.00	0.00	0.00	0.00	0.95	0.05	0.00	0.00	0.78
0.00									
Channel1A2B5B3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
0.00									
Channel1B1	1.00	0.00	0.00	0.00	0.13	0.87	0.00	0.00	0.00
0.00									
Channel1B2212_1	1.00	0.00	0.90	0.00	0.09	0.01	0.00	0.00	1.00
0.00									
Channel1B2212_3	1.00	0.00	0.90	0.00	0.09	0.00	0.00	0.00	1.00
0.00									
Channel1B2212_4	1.00	0.00	0.00	0.00	0.12	0.88	0.00	0.00	0.00
0.00									
Channel1B3	1.00	0.00	0.00	0.00	0.19	0.81	0.00	0.00	0.00
0.00									
Channel1B4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
0.00									
Channel1B4A1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98
0.00									
Channel1B4A1A1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95
0.00									
Channel1B4A1A2	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.98
0.00									
Channel1B4A1A3	1.00	0.00	0.00	0.00	0.06	0.94	0.00	0.00	0.06
0.00									
Channel1B4A1A4	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.94
0.00									
Channel1B4A1B1	1.00	0.00	0.00	0.00	0.52	0.48	0.00	0.00	0.44
0.00									
Channel1B4A1B2	1.00	0.00	0.00	0.00	0.64	0.36	0.00	0.00	0.00
0.00									
Channel1B4A1B3	1.00	0.00	0.89	0.00	0.10	0.00	0.00	0.00	0.99
0.00									
Channel1B4B1	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.98
0.00									
Channel1B4B2	1.00	0.00	0.00	0.00	0.05	0.95	0.00	0.00	0.02
0.00									
Channel1B4B3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
0.00									
Channel1B4B4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
0.00									
Channel1B4B5	1.00	0.00	0.00	0.00	0.60	0.40	0.00	0.00	0.00
0.00									
Channel1B4B6	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
0.00									
Channel1B4B6A1	1.00	0.00	0.00	0.00	0.14	0.86	0.00	0.00	0.00
0.00									
Channel1B4B6A2	1.00	0.00	0.00	0.00	0.44	0.56	0.00	0.00	1.00
0.00									
Channel1B4B6A3_1	1.00	0.00	0.00	0.00	0.40	0.60	0.00	0.00	0.28
0.00									
Channel1B4B6A3_3	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.75
0.00									

ChannelB4B6A3_4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.70	0.00
ChannelB4B6A4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
ChannelB4B6A5	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
ChannelB4B6A6	1.00	0.00	0.78	0.00	0.22	0.00	0.00	0.00	0.95	0.00
ChannelB4B6B1	1.00	0.00	0.73	0.00	0.27	0.00	0.00	0.00	0.98	0.00
Proposed1003LinkChannel	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.11	0.00
Proposed1004LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
Proposed1005LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Proposed1006LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
Proposed1007LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.37	0.00
Proposed1008LinkChannel	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.99	0.00
Proposed1009LinkChannel	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.00	0.00
Proposed1010LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
Proposed1011LinkChannel	1.00	0.00	0.85	0.00	0.15	0.00	0.00	0.00	0.98	0.00
Proposed1101LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
Proposed1102LinkChannel	1.00	0.00	0.10	0.00	0.90	0.00	0.00	0.00	0.96	0.00
Proposed1103LinkChannel	1.00	0.04	0.12	0.00	0.82	0.01	0.00	0.00	0.70	0.00
Proposed1104LinkChannel	1.00	0.14	0.34	0.00	0.52	0.00	0.00	0.00	0.63	0.00
Proposed1201LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
Proposed1202LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.10	0.00
Proposed1203LinkChannel	1.00	0.00	0.00	0.00	0.26	0.74	0.00	0.00	0.01	0.00
Proposed1204LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
Proposed1205LinkChannel	1.00	0.00	0.00	0.00	0.79	0.21	0.00	0.00	0.04	0.00
Proposed1206LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
Proposed1207LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
Proposed1208LinkChannel	1.00	0.00	0.00	0.00	0.18	0.82	0.00	0.00	0.06	0.00
Proposed1209LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
Proposed1301LinkChannel	1.00	0.00	0.82	0.00	0.18	0.00	0.00	0.00	0.98	0.00
Proposed1401LinkChannel	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.98	0.00
Proposed1501LinkChannel	1.00	0.00	0.87	0.00	0.13	0.00	0.00	0.00	0.95	0.00

Proposed502LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Proposed503LinkChannel	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.99	0.00
Proposed504LinkChannel	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.95	0.00
Proposed601LinkChannel	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.99	0.00
Proposed602LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.10	0.00
Proposed603LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.79	0.00
Proposed604LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
Proposed605LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
Proposed606LinkChannel_1	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.40	0.00
Proposed606LinkChannel_2	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.98	0.00
Proposed609LinkChannel_1	1.00	0.01	0.00	0.00	0.67	0.00	0.00	0.32	0.00	0.00
Proposed609LinkChannel_2	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.97	0.00
Proposed612Channel	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
Proposed613LinkChannel	1.00	0.28	0.00	0.00	0.11	0.00	0.00	0.61	0.08	0.00
Proposed614LinkChannel	1.00	0.02	0.01	0.00	0.97	0.00	0.00	0.00	0.48	0.00
Proposed615LinkChannel	1.00	0.01	0.04	0.00	0.95	0.00	0.00	0.00	0.93	0.00
Proposed616LinkChannel	1.00	0.04	0.25	0.00	0.71	0.00	0.00	0.00	0.79	0.00
Proposed701LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
Proposed702LinkChannel	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.01	0.00
Proposed703LinkChannel	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.98	0.00
Proposed704LinkChannel	1.00	0.00	0.54	0.00	0.46	0.00	0.00	0.00	1.00	0.00
Proposed801LinkChannel	1.00	0.00	0.32	0.00	0.68	0.00	0.00	0.00	0.99	0.00
Proposed802LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
Proposed803LinkChannel	1.00	0.00	0.62	0.00	0.38	0.00	0.00	0.00	0.99	0.00
Proposed804LinkChannel	1.00	0.62	0.26	0.00	0.12	0.00	0.00	0.00	0.36	0.00
Proposed901LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00

****
Conduit Surcharge Summary
****

Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
75mm_1	24.46	37.74	24.46	39.34	24.46
Proposed612Channel	14.36	14.36	83.46	0.01	0.01

Analysis begun on: Fri May 9 06:43:46 2025
Analysis ended on: Fri May 9 06:44:30 2025
Total elapsed time: 00:00:44

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

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.2 (Build 5.2.4)

****
Element Count
****
Number of rain gages 13
Number of subcatchments ... 24
Number of nodes 107
Number of links 106
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
12h-100y_93.8mm	12h-100y_93.8mm	INTENSITY	6 min.
12h-10y_65.3mm	12h-10y_65.3mm	INTENSITY	6 min.
12h-25y_76.9mm	12h-25y_76.9mm	INTENSITY	6 min.
12h-2y_42.3mm	12h-2y_42.3mm	INTENSITY	6 min.
12h-50y_85.4mm	12h-50y_85.4mm	INTENSITY	6 min.
12h-5y_56.2mm	12h-5y_56.2mm	INTENSITY	6 min.
24h-100y_115.6mm	24h-100y_115.6mm	INTENSITY	15 min.
24h-10y_80.4mm	24h-10y_80.4mm	INTENSITY	15 min.
24h-25y_94.7mm	24h-25y_94.7mm	INTENSITY	15 min.
24-h-2-y_52.1mm	24-h-2-y_52.1mm	INTENSITY	15 min.
24-h-50-y_105.2mm	24-h-50-y_105.2mm	INTENSITY	15 min.
24h-5y_69.2mm	24h-5y_69.2mm	INTENSITY	15 min.
Chicago25mm	Chicago25mm	INTENSITY	10 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
PAD1102Link	0.51	37.05	100.00	3.9070	24h-100y_115.6mm	Proposed1102Link
PAD1103Link	0.62	44.51	100.00	4.1860	24h-100y_115.6mm	Proposed1103Link
PAD1104Link	0.24	19.91	100.00	3.7780	24h-100y_115.6mm	Proposed1104Link
PAD613Link_1	0.10	507.50	100.00	5.0060	24h-100y_115.6mm	Proposed613Link
PAD613Link_2	0.44	30.63	100.00	4.9770	24h-100y_115.6mm	Proposed613Link
PAD614Link_1	0.38	26.14	100.00	4.5160	24h-100y_115.6mm	Proposed614Link
PAD614Link_2	0.04	181.50	100.00	7.1700	24h-100y_115.6mm	Proposed614Link

PAD614Link_3	0.01	1.46	100.00	4.7010	24h-100y_115.6mm
Proposed614Link					
PAD614Link_4	0.11	18.00	76.00	6.7640	24h-100y_115.6mm
Proposed614Link					
PAD615Link_1	0.43	29.06	100.00	5.0940	24h-100y_115.6mm
Proposed615Link					
PAD615Link_2	0.14	22.79	76.00	7.6190	24h-100y_115.6mm
Proposed615Link					
PAD615Link_3	0.17	26.95	76.00	6.9180	24h-100y_115.6mm
Proposed615Link					
PAD616Link	0.34	23.68	100.00	5.3350	24h-100y_115.6mm
Proposed616Link					
S7_1	0.05	38.24	100.00	6.5980	24h-100y_115.6mm
Proposed1102Link					
S7_10	0.24	24.02	85.00	0.5000	24h-100y_115.6mm
J16					
S7_11	0.19	18.79	85.00	0.5000	24h-100y_115.6mm
J12					
S7_12	0.17	17.16	85.00	0.5000	24h-100y_115.6mm
J11					
S7_2	0.04	43.30	100.00	4.3200	24h-100y_115.6mm
Bassin					
S7_3	0.03	34.10	100.00	4.5270	24h-100y_115.6mm
Bassin					
S7_5	0.24	195.90	100.00	6.4890	24h-100y_115.6mm
Bassin					
S7_6	0.23	23.43	85.00	0.5000	24h-100y_115.6mm
J13					
S7_7	0.23	22.77	85.00	0.5000	24h-100y_115.6mm
J9					
S7_8	0.21	21.08	85.00	0.5000	24h-100y_115.6mm
J14					
S7_9	0.26	25.77	85.00	0.5000	24h-100y_115.6mm
J15					

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
Existing-Node-A1	JUNCTION	93.45	1.53	0.0	
Existing-Node-A2	JUNCTION	93.93	1.10	0.0	
Existing-Node-A2A1	JUNCTION	94.84	0.88	0.0	
Existing-Node-A2A2	JUNCTION	95.03	0.94	0.0	
Existing-Node-A2B1	JUNCTION	94.09	0.98	0.0	
Existing-Node-A2B2	JUNCTION	94.12	0.98	0.0	
Existing-Node-A2B3	JUNCTION	94.27	0.77	0.0	
Existing-Node-A2B4	JUNCTION	94.53	0.71	0.0	
Existing-Node-A2B5	JUNCTION	94.71	1.29	0.0	
Existing-Node-A2B5A1	JUNCTION	94.72	1.28	0.0	
Existing-Node-A2B5B1	JUNCTION	94.82	0.26	0.0	
Existing-Node-A2B5B2	JUNCTION	94.83	0.26	0.0	
Existing-Node-A2B5B3	JUNCTION	94.92	0.18	0.0	
Existing-Node-B1	JUNCTION	93.85	2.07	0.0	
Existing-Node-B3	JUNCTION	93.90	2.11	0.0	
Existing-Node-B4	JUNCTION	93.96	2.12	0.0	
Existing-Node-B4A1	JUNCTION	94.07	1.84	0.0	

Existing-Node-B4A1A1	JUNCTION	94.66	1.22	0.0
Existing-Node-B4A1A2	JUNCTION	94.82	1.22	0.0
Existing-Node-B4A1A3	JUNCTION	95.09	1.50	0.0
Existing-Node-B4A1A4	JUNCTION	95.27	1.69	0.0
Existing-Node-B4A1A5	JUNCTION	96.40	1.69	0.0
Existing-Node-B4A1B1	JUNCTION	94.94	1.15	0.0
Existing-Node-B4A1B2	JUNCTION	95.08	0.73	0.0
Existing-Node-B4A1B3	JUNCTION	95.28	0.61	0.0
Existing-Node-B4B1	JUNCTION	94.37	1.11	0.0
Existing-Node-B4B2	JUNCTION	94.55	1.11	0.0
Existing-Node-B4B3	JUNCTION	94.59	1.05	0.0
Existing-Node-B4B4	JUNCTION	94.67	0.84	0.0
Existing-Node-B4B5	JUNCTION	94.77	0.76	0.0
Existing-Node-B4B6	JUNCTION	94.80	0.73	0.0
Existing-Node-B4B6A1	JUNCTION	94.97	0.38	0.0
Existing-Node-B4B6A2	JUNCTION	95.20	0.40	0.0
Existing-Node-B4B6A3	JUNCTION	95.66	0.27	0.0
Existing-Node-B4B6A4	JUNCTION	95.76	0.27	0.0
Existing-Node-B4B6A5	JUNCTION	95.98	1.02	0.0
Existing-Node-B4B6A6	JUNCTION	96.14	0.86	0.0
Existing-Node-B4B6B1	JUNCTION	94.85	0.52	0.0
Existing-Node-C1	JUNCTION	93.81	0.69	0.0
Existing-Node-C1A1	JUNCTION	94.22	0.46	0.0
Existing-Node-C1A2	JUNCTION	94.25	0.46	0.0
Existing-Node-C1B1	JUNCTION	94.06	0.56	0.0
Existing-Node-C1B2	JUNCTION	94.45	0.55	0.0
Existing-Node-C1B2A1	JUNCTION	94.60	0.68	0.0
Existing-Node-C1B2A2	JUNCTION	94.76	1.00	0.0
Existing-Node-C1B2A2A1	JUNCTION	94.85	1.15	0.0
Existing-Node-C1B2A2A2	JUNCTION	94.82	1.18	0.0
Existing-Node-C1B2A2A3	JUNCTION	94.87	1.13	0.0
Existing-Node-C1B2A2A4	JUNCTION	94.90	1.10	0.0
Existing-Node-C1B2A2B1	JUNCTION	94.88	1.12	0.0
Existing-Node-C1B2A2B1A1	JUNCTION	95.18	0.20	0.0
Existing-Node-C1B2A2B1B1	JUNCTION	94.93	0.61	0.0
Existing-Node-C1B2B1	JUNCTION	94.57	0.40	0.0
Existing-Node-C1B2B1A1	JUNCTION	94.58	0.43	0.0
Existing-Node-C1B2B1A2	JUNCTION	94.98	0.68	0.0
Existing-Node-C1B2B1A3	JUNCTION	95.22	0.69	0.0
Existing-Node-C1B2B1B1	JUNCTION	94.70	0.26	0.0
Existing-Node-C1B2B1B1A1	JUNCTION	94.73	0.25	0.0
Existing-Node-C1B2B1B1B1	JUNCTION	94.86	0.30	0.0
Existing-Node-C1B2B1B1B2	JUNCTION	95.21	0.79	0.0
Existing-Node-C1B2B1B1B2A1	JUNCTION	95.34	0.47	0.0
Existing-Node-C1B2B1B1B2B1	JUNCTION	95.25	0.75	0.0
Existing-Node-C1B2B1B1B2B2	JUNCTION	95.27	0.30	0.0
Existing-Node-C1B2B1B1B2B3	JUNCTION	95.29	0.71	0.0
Existing-Node-C1B2B1B1B2B3A1	JUNCTION	95.36	0.64	0.0
Existing-Node-C1B2B1B1B2B3A2	JUNCTION	95.53	0.33	0.0
Existing-Node-C1B2B1B1B2B3A3	JUNCTION	95.54	0.33	0.0
Existing-Node-C1B2B1B1B2B3B1	JUNCTION	95.30	0.70	0.0
J1	JUNCTION	95.60	1.40	0.0
J10	JUNCTION	95.98	1.51	0.0
J11	JUNCTION	96.26	1.74	0.0
J12	JUNCTION	96.47	1.52	0.0
J13	JUNCTION	97.69	1.31	0.0
J14	JUNCTION	97.46	1.54	0.0

J15	JUNCTION	97.15	1.35	0.0
J16	JUNCTION	96.79	1.21	0.0
J2	JUNCTION	95.54	0.96	0.0
J3	JUNCTION	97.40	2.60	0.0
J4	JUNCTION	95.36	2.00	0.0
J5	JUNCTION	95.08	1.38	0.0
J6	JUNCTION	94.92	0.56	0.0
J7	JUNCTION	97.83	1.00	0.0
J8	JUNCTION	95.76	2.24	0.0
J9	JUNCTION	95.86	1.14	0.0
Proposed1003Link	JUNCTION	95.12	0.58	0.0
Proposed1004Link	JUNCTION	95.16	0.65	0.0
Proposed1005Link	JUNCTION	95.26	0.50	0.0
Proposed1006Link	JUNCTION	95.31	0.58	0.0
Proposed1007Link	JUNCTION	95.37	0.69	0.0
Proposed1008Link	JUNCTION	95.43	0.60	0.0
Proposed1009Link	JUNCTION	95.45	0.57	0.0
Proposed1010Link	JUNCTION	95.48	0.57	0.0
Proposed1011Link	JUNCTION	95.57	0.50	0.0
Proposed1101Link	JUNCTION	95.77	1.28	0.0
Proposed1102Link	JUNCTION	95.82	1.20	0.0
Proposed1103Link	JUNCTION	95.97	1.09	0.0
Proposed1104Link	JUNCTION	96.09	1.00	0.0
Proposed610Link	JUNCTION	95.11	1.89	0.0
Proposed611Link	JUNCTION	95.40	1.60	0.0
Proposed613Link	JUNCTION	95.74	1.31	0.0
Proposed614Link	JUNCTION	95.84	1.25	0.0
Proposed615Link	JUNCTION	95.96	1.13	0.0
Proposed616Link	JUNCTION	96.08	1.03	0.0
Outfall_A	OUTFALL	93.65	1.53	0.0
Outfall_B	OUTFALL	93.81	1.71	0.0
Outfall_C	OUTFALL	93.66	0.68	0.0
Bassin	STORAGE	94.40	2.50	0.0

****
Link Summary
****

Name	From Node	To Node	Type	Length	% Slope	Roughness
100mm_2	Proposed611Link	Proposed610Link	CONDUIT	8.0	0.6250	0.0120
150mm_3	Proposed611Link	Proposed610Link	CONDUIT	17.4	0.2298	0.0120
75mm_1	Proposed611Link	Proposed610Link	CONDUIT	8.0	2.3131	0.0120
C1_1	J7	J13	CONDUIT	50.2	0.2886	0.0100
C1_10	J16	J12	CONDUIT	107.6	0.2891	0.0100
C1_2	J9	J8	CONDUIT	35.5	0.2897	0.0100
C1_3	J13	J14	CONDUIT	78.6	0.2888	0.0100
C1_4	J10	J9	CONDUIT	42.1	0.2900	0.0100

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  C1_5             J11              J10              CONDUIT           94.8
0.2859    0.0100
  C1_6             J12              J11              CONDUIT           75.8
0.2890    0.0100
  C1_7             J14              J15              CONDUIT          105.9
0.2889    0.0100
  C1_8             J15              J16              CONDUIT          126.9
0.2884    0.0100
  C2               J8               J4               CONDUIT            2.9
13.8532    0.0100
  ChannelA1        Existing-Node-A1 Outfall_A        CONDUIT           25.5   -
0.7852    0.0100
  ChannelA2        Existing-Node-A2 Existing-Node-A1 CONDUIT          113.4
0.4234    0.0100
  ChannelA2A1      Existing-Node-A2A1 Existing-Node-A2 CONDUIT          130.7
0.6962    0.0100
  ChannelA2A2      Existing-Node-A2A2 Existing-Node-A2A1 CONDUIT          147.8
0.1285    0.0100
  ChannelA2B1      Existing-Node-A2B1 Existing-Node-A2 CONDUIT           78.7
0.1981    0.0350
  ChannelA2B2      Existing-Node-A2B2 Existing-Node-A2B1 CONDUIT           27.8
0.1224    0.0100
  ChannelA2B3      Existing-Node-A2B3 Existing-Node-A2B2 CONDUIT          107.0
0.1401    0.0100
  ChannelA2B4      Existing-Node-A2B4 Existing-Node-A2B3 CONDUIT           96.3
0.2700    0.0100
  ChannelA2B5      Existing-Node-A2B5 Existing-Node-A2B4 CONDUIT           77.2
0.2331    0.0100
  ChannelA2B5A1    Existing-Node-A2B5A1 Existing-Node-A2B5 CONDUIT           22.5
0.0444    0.0350
  ChannelA2B5B1    Existing-Node-A2B5B1 Existing-Node-A2B5 CONDUIT          159.9
0.0688    0.0100
  ChannelA2B5B2    Existing-Node-A2B5B2 Existing-Node-A2B5B1 CONDUIT           10.6
0.0944    0.0100
  ChannelA2B5B3    Existing-Node-A2B5B3 Existing-Node-A2B5B2 CONDUIT          154.3
0.0583    0.0100
  ChannelB1        Existing-Node-B1 Outfall_B        CONDUIT           16.4
0.2256    0.0100
  ChannelB2212_1   Existing-Node-B4A1A5 J3               CONDUIT          126.9   -
0.7880    0.0100
  ChannelB2212_3   J3               J4               CONDUIT           18.3
11.1908    0.0100
  ChannelB2212_4   J4               Existing-Node-B4A1A4 CONDUIT          102.1
0.0881    0.0100
  ChannelB3        Existing-Node-B3 Existing-Node-B1 CONDUIT           63.7
0.0832    0.0100
  ChannelB4        Existing-Node-B4 Existing-Node-B3 CONDUIT           87.0
0.0690    0.0100
  ChannelB4A1      Existing-Node-B4A1 Existing-Node-B4 CONDUIT          105.6
0.1042    0.0100
  ChannelB4A1A1    Existing-Node-B4A1A1 Existing-Node-B4A1 CONDUIT           54.5
1.0822    0.0350
  ChannelB4A1A2    Existing-Node-B4A1A2 Existing-Node-B4A1A1 CONDUIT           41.4
0.3867    0.0100
  ChannelB4A1A3    Existing-Node-B4A1A3 Existing-Node-B4A1A2 CONDUIT           95.6
0.2824    0.0100
  ChannelB4A1A4    Existing-Node-B4A1A4 Existing-Node-B4A1A3 CONDUIT           74.8
0.2407    0.0100
  ChannelB4A1B1    Existing-Node-B4A1B1 Existing-Node-B4A1 CONDUIT          127.1
0.6868    0.0100
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  ChannelB4A1B2    Existing-Node-B4A1B2 Existing-Node-B4A1B1 CONDUIT           66.8
0.2051    0.0100
  ChannelB4A1B3    Existing-Node-B4A1B3 Existing-Node-B4A1B2 CONDUIT           34.6
0.5776    0.0100
  ChannelB4B1      Existing-Node-B4B1 Existing-Node-B4 CONDUIT          55.7
0.7367    0.0100
  ChannelB4B2      Existing-Node-B4B2 Existing-Node-B4B1 CONDUIT           73.6
0.2447    0.0100
  ChannelB4B3      Existing-Node-B4B3 Existing-Node-B4B2 CONDUIT           33.3
0.1202    0.0100
  ChannelB4B4      Existing-Node-B4B4 Existing-Node-B4B3 CONDUIT           48.0
0.1666    0.0100
  ChannelB4B5      Existing-Node-B4B5 Existing-Node-B4B4 CONDUIT           86.5
0.1156    0.0100
  ChannelB4B6      Existing-Node-B4B6 Existing-Node-B4B5 CONDUIT           18.8
0.1599    0.0100
  ChannelB4B6A1    Existing-Node-B4B6A1 Existing-Node-B4B6 CONDUIT          150.1
0.1133    0.0100
  ChannelB4B6A2    Existing-Node-B4B6A2 Existing-Node-B4B6A1 CONDUIT           23.0
1.0003    0.0100
  ChannelB4B6A3_1  Existing-Node-B4B6A3 J1               CONDUIT           30.8
0.2079    0.0100
  ChannelB4B6A3_3  J1               J2               CONDUIT          28.5
0.2105    0.0100
  ChannelB4B6A3_4  J2               Existing-Node-B4B6A2 CONDUIT          163.0
0.2062    0.0100
  ChannelB4B6A4    Existing-Node-B4B6A4 Existing-Node-B4B6A3 CONDUIT           99.5
0.1005    0.0100
  ChannelB4B6A5    Existing-Node-B4B6A5 Existing-Node-B4B6A4 CONDUIT          200.9
0.1095    0.0100
  ChannelB4B6A6    Existing-Node-B4B6A6 Existing-Node-B4B6A5 CONDUIT           85.0
0.1895    0.0350
  ChannelB4B6B1    Existing-Node-B4B6B1 Existing-Node-B4B6 CONDUIT           76.9
0.0650    0.0100
  Proposed1003LinkChannel Proposed1003Link Proposed610Link  CONDUIT           14.4
0.0418    0.0350
  Proposed1004LinkChannel Proposed1004Link Proposed1003Link CONDUIT           29.0
0.1309    0.0350
  Proposed1005LinkChannel Proposed1005Link Proposed1004Link CONDUIT          135.9
0.0773    0.0350
  Proposed1006LinkChannel Proposed1006Link Proposed1005Link CONDUIT           71.8
0.0766    0.0350
  Proposed1007LinkChannel Proposed1007Link Proposed1006Link CONDUIT           83.3
0.0624    0.0350
  Proposed1008LinkChannel Proposed1008Link Proposed1007Link CONDUIT           96.3
0.0696    0.0100
  Proposed1009LinkChannel Proposed1009Link Proposed1008Link CONDUIT           31.5
0.0508    0.0100
  Proposed1010LinkChannel Proposed1010Link Proposed1009Link CONDUIT           57.4
0.0523    0.0100
  Proposed1011LinkChannel Proposed1011Link Proposed1010Link CONDUIT           42.2
0.2132    0.0350
  Proposed1101LinkChannel Proposed1101Link Proposed613Link  CONDUIT           15.5
-0.2127    0.0100
  Proposed1102LinkChannel Proposed1102Link Proposed1101Link CONDUIT           17.0
0.3124    0.0100
  Proposed1103LinkChannel Proposed1103Link Proposed1102Link CONDUIT           47.1
0.3246    0.0100
  Proposed1104LinkChannel Proposed1104Link Proposed1103Link CONDUIT           34.7
0.3225    0.0100
```

```
  Proposed1201LinkChannel Existing-Node-C1B2B1B1 Existing-Node-C1B2B1 CONDUIT
58.3    0.2230    0.0100
  Proposed1202LinkChannel Existing-Node-C1B2B1B1B1 Existing-Node-C1B2B1B1 CONDUIT
97.2    0.1646    0.0100
  Proposed1203LinkChannel Existing-Node-C1B2B1B1B2 Existing-Node-C1B2B1B1B1 CONDUIT
204.5    0.1711    0.0100
  Proposed1204LinkChannel Existing-Node-C1B2B1B1B2B1 Existing-Node-C1B2B1B1B2
CONDUIT           58.7    0.0631    0.0350
  Proposed1205LinkChannel Existing-Node-C1B2B1B1B2B2 Existing-Node-C1B2B1B1B2B1
CONDUIT           26.3    0.0874    0.0100
  Proposed1206LinkChannel Existing-Node-C1B2B1B1B2B3 Existing-Node-C1B2B1B1B2B2
CONDUIT           22.4    0.0757    0.0350
  Proposed1207LinkChannel Existing-Node-C1B2B1B1B2B3A1 Existing-Node-C1B2B1B1B2B3
CONDUIT           23.5    0.3107    0.0350
  Proposed1208LinkChannel Existing-Node-C1B2B1B1B2B3A2 Existing-Node-C1B2B1B1B2B3A1
CONDUIT          176.6    0.0962    0.0100
  Proposed1209LinkChannel Existing-Node-C1B2B1B1B2B3A3 Existing-Node-C1B2B1B1B2B3A2
CONDUIT           77.6    0.0129    0.0100
  Proposed1301LinkChannel Existing-Node-C1B2B1B1A1 Existing-Node-C1B2B1B1 CONDUIT
43.5    0.0690    0.0100
  Proposed1401LinkChannel Existing-Node-C1B2B1B1B2A1 Existing-Node-C1B2B1B1B2
CONDUIT          150.6    0.0863    0.0100
  Proposed1501LinkChannel Existing-Node-C1B2B1B1B2B3B1 Existing-Node-C1B2B1B1B2B3
CONDUIT           20.0    0.0649    0.0350
  Proposed502LinkChannel Existing-Node-C1 Outfall_C        CONDUIT           67.4
0.2226    0.0100
  Proposed503LinkChannel Existing-Node-C1A1 Existing-Node-C1 CONDUIT           66.2
0.6196    0.0100
  Proposed504LinkChannel Existing-Node-C1A2 Existing-Node-C1A1 CONDUIT
16.6    0.1810    0.0100
  Proposed601LinkChannel Existing-Node-C1B1 Existing-Node-C1 CONDUIT          103.7
0.2411    0.0100
  Proposed602LinkChannel Existing-Node-C1B2 Existing-Node-C1B1 CONDUIT
183.1    0.2130    0.0100
  Proposed603LinkChannel Existing-Node-C1B2A1 Existing-Node-C1B2 CONDUIT
48.4    0.3102    0.0350
  Proposed604LinkChannel Existing-Node-C1B2A2 Existing-Node-C1B2A1 CONDUIT
203.5    0.0767    0.0100
  Proposed605LinkChannel Existing-Node-C1B2A2B1 Existing-Node-C1B2A2 CONDUIT
55.0    0.2254    0.0350
  Proposed606LinkChannel_1 Existing-Node-C1B2A2B1B1 J6               CONDUIT
20.1    0.0299    0.0350
  Proposed606LinkChannel_2 J6               Existing-Node-C1B2A2B1 CONDUIT
138.3    0.0318    0.0350
  Proposed609LinkChannel_1 Proposed610Link  J5               CONDUIT           32.5
0.0830    0.0500
  Proposed609LinkChannel_2 J5               Existing-Node-C1B2A2B1B1 CONDUIT
52.8    0.2839    0.0500
  Proposed612Channel Bassin           Proposed611Link  CONDUIT            8.0   -
8.8090    0.0120
  Proposed613LinkChannel Proposed613Link  Bassin           CONDUIT           10.0
0.5600    0.0120
  Proposed614LinkChannel Proposed614Link  Proposed613Link  CONDUIT           15.7
0.6195    0.0350
  Proposed615LinkChannel Proposed615Link  Proposed614Link  CONDUIT           31.5
0.3908    0.0350
  Proposed616LinkChannel Proposed616Link  Proposed615Link  CONDUIT           30.2
0.3976    0.0350
  Proposed701LinkChannel Existing-Node-C1B2B1 Existing-Node-C1B2 CONDUIT
124.5    0.0964    0.0350
```

```
  Proposed702LinkChannel Existing-Node-C1B2B1A1 Existing-Node-C1B2B1 CONDUIT
49.5    0.0202    0.0100
  Proposed703LinkChannel Existing-Node-C1B2B1A2 Existing-Node-C1B2B1A1 CONDUIT
234.9    0.1703    0.0100
  Proposed704LinkChannel Existing-Node-C1B2B1A3 Existing-Node-C1B2B1A2 CONDUIT
144.9    0.1657    0.0100
  Proposed801LinkChannel Existing-Node-C1B2A2A1 Existing-Node-C1B2A2 CONDUIT
103.6    0.0908    0.0350
  Proposed802LinkChannel Existing-Node-C1B2A2A2 Existing-Node-C1B2A2A1 CONDUIT
10.1   -0.2970    0.0350
  Proposed803LinkChannel Existing-Node-C1B2A2A3 Existing-Node-C1B2A2A2 CONDUIT
80.5    0.0621    0.0350
  Proposed804LinkChannel Existing-Node-C1B2A2A4 Existing-Node-C1B2A2A3 CONDUIT
25.7    0.1167    0.0350
  Proposed901LinkChannel Existing-Node-C1B2A2B1A1 Existing-Node-C1B2A2B1 CONDUIT
248.2    0.1208    0.0100


  **********************
  Cross Section Summary
  **********************
                                       Full     Full     Hyd.     Max.   No. of
Full
  Conduit          Shape               Depth     Area     Rad.    Width  Barrels
Flow
  ---------------------------------------------------------------------------
------
  100mm_2          CIRCULAR             0.10     0.01     0.03     0.10        1
0.00
  150mm_3          CIRCULAR             0.15     0.02     0.04     0.15        1
0.01
  75mm_1           CIRCULAR             0.07     0.00     0.02     0.07        1
0.00
  C1_1             TRAPEZOIDAL          1.00     3.00     0.55     5.00        1
10.80
  C1_10            TRAPEZOIDAL          1.00     3.00     0.55     5.00        1
10.81
  C1_2             TRAPEZOIDAL          1.00     3.00     0.55     5.00        1
10.82
  C1_3             TRAPEZOIDAL          1.00     3.00     0.55     5.00        1
10.80
  C1_4             TRAPEZOIDAL          1.00     3.00     0.55     5.00        1
10.82
  C1_5             TRAPEZOIDAL          1.00     3.00     0.55     5.00        1
10.75
  C1_6             TRAPEZOIDAL          1.00     3.00     0.55     5.00        1
10.80
  C1_7             TRAPEZOIDAL          1.00     3.00     0.55     5.00        1
10.80
  C1_8             TRAPEZOIDAL          1.00     3.00     0.55     5.00        1
10.79
  C2               TRAPEZOIDAL          1.00     3.00     0.55     5.00        1
74.81
  ChannelA1        C65                  1.53   110.45     0.79   138.51        1
835.73
  ChannelA2        C62                  1.10    50.08     0.44   114.63        1
189.41
  ChannelA2A1      C22                  0.80    39.08     0.31   124.58        1
150.11
  ChannelA2A2      C4                   0.18     9.72     0.10    96.87        1
```

ChannelA2B1	TRAPEZOIDAL	0.90	2.52	0.50	4.60	1
2.02						
ChannelA2B2	C55	0.98	69.20	0.55	124.59	1
163.17						
ChannelA2B3	C51	0.76	52.75	0.43	123.20	1
111.88						
ChannelA2B4	C46	0.71	47.71	0.35	137.79	1
123.07						
ChannelA2B5	C40	0.28	13.90	0.12	114.65	1
16.39						
ChannelA2B5A1	TRAPEZOIDAL	0.40	1.12	0.30	3.60	1
0.30						
ChannelA2B5B1	C31	0.12	3.27	0.06	52.61	1
1.34						
ChannelA2B5B2	C30	0.26	9.59	0.09	111.41	1
5.95						
ChannelA2B5B3	C14	0.18	10.46	0.10	104.91	1
5.41						
ChannelB1	C9	1.71	111.43	1.11	102.12	1
565.87						
ChannelB2212_1	C8	1.69	78.75	0.76	101.08	1
583.27						
ChannelB2212_3	CIRCULAR	0.60	0.28	0.15	0.60	1
2.67						
ChannelB2212_4	C8	1.69	78.75	0.76	101.08	1
195.06						
ChannelB3	C75	2.05	186.14	1.10	168.14	1
570.88						
ChannelB4	C74	2.09	176.02	1.05	166.45	1
476.73						
ChannelB4A1	C50	1.84	114.01	0.81	138.64	1
320.94						
ChannelB4A1A1	TRAPEZOIDAL	1.20	4.08	0.64	5.80	1
9.02						
ChannelB4A1A2	C45	1.22	79.07	0.72	109.30	1
394.05						
ChannelB4A1A3	C37	0.74	56.51	0.53	106.86	1
195.90						
ChannelB4A1A4	C33	1.50	131.89	1.17	111.99	1
716.60						
ChannelB4A1B1	C28	1.06	40.72	0.35	116.54	1
166.80						
ChannelB4A1B2	C20	0.73	29.73	0.28	103.85	1
58.32						
ChannelB4A1B3	C16	0.53	25.20	0.24	105.86	1
73.34						
ChannelB4B1	C71	1.11	80.50	0.64	144.51	1
511.71						
ChannelB4B2	C70	1.11	78.30	0.55	142.07	1
258.71						
ChannelB4B3	C69	1.05	65.56	0.48	134.75	1
139.98						
ChannelB4B4	C68	0.84	47.63	0.36	131.76	1
98.90						
ChannelB4B5	C66	0.75	40.17	0.34	130.13	1
66.86						
ChannelB4B6	C64	0.56	37.90	0.30	131.20	1
67.27						
ChannelB4B6A1	C60	0.38	21.93	0.14	150.78	1
20.34						

```
  ChannelB4B6A2    C58                0.38    23.62     0.19   120.66        1
79.31
  ChannelB4B6A3_1  C78                0.23    11.22     0.11   102.15        1
11.68
  ChannelB4B6A3_3  CIRCULAR           0.45     0.16     0.11     0.45        1
0.17
  ChannelB4B6A3_4  C78                0.23    11.22     0.11   102.15        1
11.63
  ChannelB4B6A4    C39                0.27    13.05     0.11   116.20        1
9.59
  ChannelB4B6A5    C27                0.17     8.02     0.08    99.08        1
5.00
  ChannelB4B6A6    TRAPEZOIDAL        0.40     0.72     0.26     2.60        1
0.36
  ChannelB4B6B1    C3                 0.38    17.20     0.13   127.00        1
11.52
  Proposed1003LinkChannel TRAPEZOIDAL         0.50     0.75     0.27     2.50
1     0.18
  Proposed1004LinkChannel TRAPEZOIDAL         0.50     0.75     0.27     2.50
1     0.33
  Proposed1005LinkChannel TRAPEZOIDAL         0.50     0.75     0.27     2.50
1     0.25
  Proposed1006LinkChannel TRAPEZOIDAL         0.50     0.75     0.27     2.50
1     0.25
  Proposed1007LinkChannel TRAPEZOIDAL         0.50     0.75     0.27     2.50
1     0.23
  Proposed1008LinkChannel C32                 0.57    46.70     0.40   115.43
1    67.05
  Proposed1009LinkChannel CIRCULAR            0.30     0.07     0.07     0.30
1     0.03
  Proposed1010LinkChannel C23                 0.57    41.71     0.38   111.18
1    50.25
  Proposed1011LinkChannel TRAPEZOIDAL         0.50     1.00     0.31     3.00
1     0.60
  Proposed1101LinkChannel TRAPEZOIDAL         1.00     3.50     0.59     5.50
1    11.31
  Proposed1102LinkChannel TRAPEZOIDAL         1.00     3.50     0.59     5.50
1    13.70
  Proposed1103LinkChannel TRAPEZOIDAL         1.00     3.00     0.55     5.00
1    11.45
  Proposed1104LinkChannel TRAPEZOIDAL         1.00     3.00     0.55     5.00
1    11.41
  Proposed1201LinkChannel C57                 0.21    13.88     0.11   129.25
1    14.77
  Proposed1202LinkChannel C52                 0.26    21.69     0.16   133.21
1    26.15
  Proposed1203LinkChannel C43                 0.29    14.52     0.13   110.36
1    15.47
  Proposed1204LinkChannel TRAPEZOIDAL         0.70     1.68     0.41     3.80
1     0.66
  Proposed1205LinkChannel C36                 0.30    22.34     0.20   113.53
1    22.25
  Proposed1206LinkChannel TRAPEZOIDAL         0.23     0.57     0.19     2.92
1     0.15
  Proposed1207LinkChannel TRAPEZOIDAL         0.40     0.72     0.26     2.60
1     0.46
  Proposed1208LinkChannel C19                 0.24    12.92     0.12   105.74
1    10.00
  Proposed1209LinkChannel C13                 0.33    20.66     0.21    99.45
1     8.21
```

Proposed1301LinkChannel	C17	0.19	12.72	0.10	122.92	1	7.35
Proposed1401LinkChannel	C10	0.47	25.91	0.32	80.45	1	35.54
Proposed1501LinkChannel	TRAPEZOIDAL	0.40	0.72	0.26	2.60	1	0.21
Proposed502LinkChannel	C77	0.68	42.34	0.21	204.48	1	69.87
Proposed503LinkChannel	C11	0.38	16.10	0.14	116.94	1	34.01
Proposed504LinkChannel	C7	0.45	17.45	0.17	104.30	1	22.47
Proposed601LinkChannel	C76	0.36	12.34	0.13	102.08	1	15.24
Proposed602LinkChannel	C73	0.54	61.49	0.32	188.39	1	134.18
Proposed603LinkChannel	TRAPEZOIDAL	0.54	1.12	0.33	3.16	1	0.85
Proposed604LinkChannel	C67	0.61	53.72	0.37	142.92	1	77.21
Proposed605LinkChannel	TRAPEZOIDAL	0.70	1.68	0.41	3.80	1	1.25
Proposed606LinkChannel_1	TRAPEZOIDAL	0.50	2.50	0.40	6.00	1	0.67
Proposed606LinkChannel_2	TRAPEZOIDAL	0.50	2.50	0.40	6.00	1	0.69
Proposed609LinkChannel_1	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1	0.17
Proposed609LinkChannel_2	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1	0.32
Proposed612Channel	CIRCULAR	0.30	0.07	0.07	0.30	1	0.31
Proposed613LinkChannel	CIRCULAR	0.60	0.28	0.15	0.60	1	0.50
Proposed614LinkChannel	TRAPEZOIDAL	1.25	5.00	0.71	6.50	1	8.91
Proposed615LinkChannel	TRAPEZOIDAL	1.13	4.25	0.65	6.02	1	5.69
Proposed616LinkChannel	TRAPEZOIDAL	1.03	3.67	0.60	5.62	1	4.70
Proposed701LinkChannel	TRAPEZOIDAL	0.40	0.72	0.26	2.60	1	0.26
Proposed702LinkChannel	C41	0.39	14.90	0.14	105.39	1	5.72
Proposed703LinkChannel	C26	0.23	11.88	0.10	114.51	1	10.78
Proposed704LinkChannel	C6	0.68	54.09	0.54	100.34	1	145.57
Proposed801LinkChannel	TRAPEZOIDAL	0.40	1.12	0.30	3.60	1	0.43
Proposed802LinkChannel	TRAPEZOIDAL	0.70	1.68	0.41	3.80	1	1.44
Proposed803LinkChannel	TRAPEZOIDAL	0.50	1.50	0.35	4.00	1	0.53
Proposed804LinkChannel	TRAPEZOIDAL	0.50	1.00	0.31	3.00	1	0.45
Proposed901LinkChannel	C12	0.18	3.67	0.09	38.87	1	2.64

****
Transect Summary
****

Transect C10
Area:

0.0002	0.0006	0.0015	0.0026	0.0040
0.0060	0.0085	0.0118	0.0156	0.0205
0.0271	0.0363	0.0488	0.0644	0.0821
0.1011	0.1212	0.1421	0.1638	0.1862
0.2090	0.2326	0.2569	0.2823	0.3085
0.3351	0.3621	0.3891	0.4161	0.4432
0.4704	0.4976	0.5249	0.5522	0.5795
0.6069	0.6344	0.6620	0.6897	0.7174
0.7453	0.7732	0.8012	0.8293	0.8574
0.8857	0.9140	0.9425	0.9711	1.0000

Hrad:

0.0146	0.0292	0.0437	0.0624	0.0768
0.0883	0.0964	0.1037	0.1184	0.1292
0.1342	0.1331	0.1381	0.1415	0.1551
0.1695	0.1813	0.2023	0.2247	0.2474
0.2695	0.2900	0.3090	0.3156	0.3404
0.3630	0.3904	0.4184	0.4466	0.4748
0.5029	0.5309	0.5589	0.5868	0.6147
0.6419	0.6689	0.6959	0.7227	0.7495
0.7761	0.8027	0.8292	0.8555	0.8817
0.9077	0.9337	0.9588	0.9795	1.0000

Width:

0.0111	0.0223	0.0334	0.0437	0.0572
0.0774	0.0992	0.1235	0.1422	0.1999
0.2609	0.3815	0.4829	0.5909	0.6235
0.6771	0.7068	0.7382	0.7602	0.7792
0.7992	0.8245	0.8532	0.8976	0.9089
0.9256	0.9297	0.9321	0.9338	0.9356
0.9373	0.9390	0.9408	0.9425	0.9442
0.9468	0.9497	0.9525	0.9553	0.9582
0.9611	0.9640	0.9669	0.9698	0.9729
0.9761	0.9792	0.9831	0.9916	1.0000

Transect C11
Area:

0.0003	0.0011	0.0022	0.0033	0.0045
0.0057	0.0071	0.0084	0.0098	0.0113
0.0129	0.0145	0.0162	0.0180	0.0202
0.0232	0.0267	0.0309	0.0359	0.0423
0.0500	0.0594	0.0705	0.0821	0.0946
0.1075	0.1208	0.1348	0.1520	0.1725
0.1942	0.2171	0.2424	0.2723	0.3041
0.3376	0.3734	0.4117	0.4534	0.4976
0.5430	0.5897	0.6371	0.6858	0.7358
0.7867	0.8388	0.8921	0.9457	1.0000

Hrad:

0.0270	0.0606	0.1095	0.1561	0.2007
0.2435	0.2848	0.3249	0.3638	0.4017
0.4388	0.4725	0.5047	0.5365	0.5536
0.5549	0.5545	0.5527	0.5476	0.5345
0.5166	0.4809	0.4811	0.4967	0.5033

0.5182 0.5330 0.5158 0.5355 0.5544
0.5851 0.6136 0.6374 0.5642 0.5975
0.6312 0.6607 0.6650 0.6846 0.6391
0.6835 0.7294 0.7758 0.8189 0.8598
0.8991 0.8664 0.9059 0.9561 1.0000
Width:
0.0107 0.0187 0.0199 0.0210 0.0221
0.0232 0.0244 0.0255 0.0266 0.0278
0.0289 0.0302 0.0315 0.0329 0.0490
0.0599 0.0690 0.0837 0.1039 0.1290
0.1522 0.1952 0.2065 0.2209 0.2327
0.2386 0.2461 0.2750 0.3507 0.3861
0.4048 0.4374 0.5017 0.5637 0.5960
0.6338 0.6743 0.7263 0.7845 0.8189
0.8464 0.8596 0.8786 0.9046 0.9208
0.9396 0.9628 0.9764 0.9836 1.0000

Transect C12
Area:
0.0006 0.0025 0.0048 0.0074 0.0102
0.0134 0.0168 0.0207 0.0252 0.0312
0.0384 0.0462 0.0547 0.0639 0.0741
0.0856 0.0988 0.1136 0.1295 0.1463
0.1640 0.1824 0.2014 0.2209 0.2408
0.2619 0.2851 0.3102 0.3360 0.3620
0.3885 0.4155 0.4430 0.4712 0.4998
0.5288 0.5583 0.5881 0.6184 0.6491
0.6803 0.7118 0.7451 0.7805 0.8162
0.8524 0.8888 0.9254 0.9624 1.0000
Hrad:
0.0190 0.0426 0.0737 0.1024 0.1294
0.1550 0.1793 0.1858 0.1883 0.1724
0.1934 0.2144 0.2363 0.2519 0.2600
0.2751 0.2919 0.2794 0.2999 0.3222
0.3441 0.3684 0.3971 0.4256 0.4537
0.4758 0.4925 0.4611 0.4912 0.5245
0.5517 0.5775 0.6030 0.6298 0.6582
0.6864 0.7142 0.7418 0.7692 0.7964
0.8233 0.8500 0.8048 0.8326 0.8603
0.8918 0.9230 0.9541 0.9805 1.0000
Width:
0.0330 0.0576 0.0648 0.0719 0.0791
0.0862 0.0935 0.1112 0.1341 0.1808
0.1985 0.2157 0.2316 0.2535 0.2850
0.3249 0.3686 0.4064 0.4318 0.4541
0.4765 0.4951 0.5073 0.5191 0.5309
0.5851 0.6381 0.6728 0.6839 0.6902
0.7041 0.7194 0.7348 0.7481 0.7593
0.7704 0.7816 0.7928 0.8039 0.8151
0.8263 0.8374 0.9258 0.9374 0.9487
0.9558 0.9629 0.9700 0.9816 1.0000

Transect C13
Area:
0.0003 0.0010 0.0023 0.0041 0.0069
0.0102 0.0142 0.0189 0.0250 0.0327
0.0419 0.0529 0.0660 0.0814 0.0981

0.1153 0.1326 0.1508 0.1697 0.1891
0.2086 0.2287 0.2497 0.2712 0.2930
0.3153 0.3382 0.3617 0.3857 0.4103
0.4365 0.4639 0.4916 0.5198 0.5482
0.5769 0.6058 0.6349 0.6642 0.6937
0.7233 0.7531 0.7831 0.8132 0.8436
0.8743 0.9052 0.9366 0.9683 1.0000

Hrad:

0.0159 0.0331 0.0491 0.0592 0.0766
0.0974 0.1160 0.1325 0.1454 0.1548
0.1643 0.1716 0.1718 0.1725 0.1824
0.2127 0.2417 0.2618 0.2806 0.3096
0.3389 0.3645 0.3897 0.4156 0.4399
0.4644 0.4844 0.5106 0.5364 0.5614
0.5793 0.5672 0.5938 0.6196 0.6471
0.6726 0.6978 0.7249 0.7528 0.7806
0.8082 0.8358 0.8633 0.8897 0.9152
0.9405 0.9628 0.9408 0.9704 1.0000

Width:

0.0165 0.0314 0.0460 0.0735 0.0962
0.1143 0.1366 0.1668 0.2154 0.2682
0.3081 0.3806 0.4513 0.5101 0.5380
0.5421 0.5576 0.5807 0.6050 0.6108
0.6226 0.6473 0.6688 0.6821 0.6944
0.7062 0.7315 0.7483 0.7618 0.7949
0.8499 0.8657 0.8807 0.8925 0.8980
0.9058 0.9140 0.9198 0.9248 0.9298
0.9351 0.9405 0.9461 0.9528 0.9603
0.9680 0.9802 0.9956 0.9978 1.0000

Transect C14

Area:

0.0002 0.0010 0.0020 0.0037 0.0061
0.0090 0.0121 0.0155 0.0191 0.0229
0.0271 0.0319 0.0372 0.0427 0.0486
0.0568 0.0665 0.0772 0.0899 0.1035
0.1189 0.1365 0.1552 0.1746 0.1949
0.2165 0.2398 0.2650 0.2923 0.3224
0.3536 0.3852 0.4173 0.4500 0.4835
0.5172 0.5511 0.5850 0.6190 0.6531
0.6873 0.7216 0.7559 0.7903 0.8248
0.8595 0.8943 0.9292 0.9644 1.0000

Hrad:

0.0179 0.0381 0.0648 0.0787 0.0861
0.1061 0.1327 0.1585 0.1840 0.2087
0.2286 0.2225 0.2457 0.2685 0.2902
0.2890 0.3022 0.3129 0.3134 0.3265
0.3202 0.3343 0.3521 0.3716 0.3913
0.4022 0.4004 0.4150 0.4149 0.4128
0.4085 0.4398 0.4656 0.4929 0.5123
0.5467 0.5810 0.6152 0.6493 0.6835
0.7177 0.7518 0.7858 0.8189 0.8517
0.8843 0.9161 0.9478 0.9719 1.0000

Width:

0.0109 0.0262 0.0312 0.0558 0.0770
0.0846 0.0914 0.0978 0.1039 0.1099
0.1254 0.1435 0.1513 0.1592 0.1751

0.2591 0.2841 0.3344 0.3709 0.3960
0.4779 0.5091 0.5340 0.5532 0.5853
0.6264 0.6801 0.7316 0.8040 0.8651
0.8808 0.8890 0.9088 0.9249 0.9441
0.9465 0.9489 0.9513 0.9537 0.9558
0.9579 0.9601 0.9622 0.9652 0.9686
0.9720 0.9762 0.9805 0.9923 1.0000

Transect C16
Area:
0.0007 0.0023 0.0046 0.0085 0.0136
0.0202 0.0276 0.0352 0.0431 0.0510
0.0595 0.0686 0.0784 0.0886 0.0991
0.1098 0.1212 0.1328 0.1446 0.1566
0.1688 0.1811 0.1936 0.2064 0.2196
0.2329 0.2469 0.2626 0.2794 0.2972
0.3166 0.3373 0.3602 0.3861 0.4159
0.4481 0.4817 0.5167 0.5526 0.5894
0.6272 0.6657 0.7053 0.7454 0.7860
0.8271 0.8690 0.9119 0.9558 1.0000
Hrad:
0.0287 0.0515 0.0806 0.0942 0.1056
0.1263 0.1637 0.2044 0.2441 0.2830
0.3193 0.3527 0.3482 0.3841 0.4196
0.4544 0.4711 0.5080 0.5449 0.5814
0.6171 0.6524 0.6854 0.7136 0.7414
0.7720 0.8006 0.7739 0.7965 0.8217
0.8440 0.8593 0.8704 0.8620 0.7616
0.7749 0.7864 0.7017 0.7346 0.7563
0.7907 0.8230 0.8557 0.8881 0.9201
0.9517 0.9852 1.0145 0.9744 1.0000
Width:
0.0255 0.0446 0.0686 0.0990 0.1352
0.1601 0.1686 0.1724 0.1764 0.1819
0.1960 0.2099 0.2252 0.2308 0.2362
0.2481 0.2573 0.2615 0.2654 0.2694
0.2735 0.2776 0.2825 0.2893 0.2961
0.3017 0.3344 0.3625 0.3876 0.4174
0.4456 0.4874 0.5392 0.6184 0.6995
0.7338 0.7665 0.7951 0.8108 0.8364
0.8508 0.8736 0.8890 0.9008 0.9123
0.9261 0.9482 0.9674 0.9809 1.0000

Transect C17
Area:
0.0003 0.0007 0.0012 0.0018 0.0024
0.0032 0.0041 0.0054 0.0069 0.0090
0.0119 0.0153 0.0193 0.0243 0.0313
0.0397 0.0507 0.0637 0.0786 0.0953
0.1125 0.1309 0.1503 0.1709 0.1920
0.2139 0.2370 0.2617 0.2874 0.3144
0.3429 0.3726 0.4032 0.4344 0.4662
0.4986 0.5320 0.5667 0.6018 0.6372
0.6727 0.7083 0.7441 0.7801 0.8162
0.8526 0.8891 0.9259 0.9628 1.0000
Hrad:
0.0256 0.0544 0.0799 0.1035 0.1258

0.1474 0.1409 0.1528 0.1668 0.1734
0.1733 0.1828 0.1960 0.2042 0.2053
0.2056 0.1956 0.2063 0.2247 0.2467
0.2723 0.2978 0.3216 0.3488 0.3762
0.3953 0.4218 0.4460 0.4708 0.4891
0.5102 0.5218 0.5471 0.5754 0.6018
0.6273 0.6407 0.6124 0.6381 0.6735
0.7088 0.7429 0.7770 0.8106 0.8428
0.8754 0.9091 0.9421 0.9736 1.0000

Width:

0.0098 0.0122 0.0146 0.0170 0.0194
0.0218 0.0293 0.0350 0.0502 0.0636
0.0858 0.0982 0.1137 0.1619 0.2056
0.2603 0.3235 0.3691 0.4317 0.4508
0.4753 0.5000 0.5371 0.5565 0.5730
0.5968 0.6364 0.6754 0.7001 0.7432
0.7746 0.8056 0.8264 0.8385 0.8548
0.8744 0.9154 0.9300 0.9420 0.9449
0.9479 0.9522 0.9564 0.9610 0.9671
0.9725 0.9766 0.9815 0.9878 1.0000

Transect C19

Area:

0.0002 0.0006 0.0013 0.0026 0.0042
0.0061 0.0084 0.0109 0.0140 0.0180
0.0228 0.0283 0.0346 0.0413 0.0485
0.0561 0.0643 0.0731 0.0830 0.0937
0.1050 0.1172 0.1305 0.1449 0.1613
0.1794 0.1997 0.2228 0.2487 0.2763
0.3054 0.3357 0.3673 0.4002 0.4342
0.4690 0.5044 0.5402 0.5768 0.6137
0.6510 0.6887 0.7268 0.7653 0.8041
0.8431 0.8822 0.9213 0.9606 1.0000

Hrad:

0.0193 0.0406 0.0617 0.0663 0.0940
0.1231 0.1502 0.1760 0.1946 0.2080
0.2223 0.2304 0.2496 0.2700 0.2908
0.3116 0.3311 0.3501 0.3499 0.3711
0.3918 0.4108 0.4272 0.4407 0.4509
0.4637 0.4686 0.4571 0.4694 0.4838
0.4569 0.4796 0.4949 0.5173 0.5438
0.5431 0.5763 0.6089 0.6414 0.6739
0.7065 0.7386 0.7707 0.8007 0.8337
0.8561 0.8921 0.9281 0.9641 1.0000

Width:

0.0078 0.0146 0.0223 0.0381 0.0448
0.0528 0.0603 0.0674 0.0904 0.1121
0.1296 0.1545 0.1651 0.1760 0.1879
0.2000 0.2144 0.2302 0.2632 0.2778
0.2958 0.3248 0.3482 0.3877 0.4398
0.4775 0.5503 0.6196 0.6812 0.7190
0.7530 0.7862 0.8173 0.8507 0.8752
0.8900 0.9023 0.9196 0.9316 0.9410
0.9503 0.9607 0.9712 0.9815 0.9872
0.9898 0.9924 0.9949 0.9975 1.0000

Transect C20

Area:

0.0002	0.0006	0.0014	0.0024	0.0036
0.0048	0.0061	0.0075	0.0090	0.0113
0.0146	0.0184	0.0225	0.0270	0.0319
0.0372	0.0428	0.0492	0.0569	0.0656
0.0753	0.0859	0.0976	0.1104	0.1237
0.1397	0.1580	0.1785	0.2001	0.2235
0.2477	0.2725	0.2991	0.3284	0.3600
0.3930	0.4268	0.4622	0.5014	0.5431
0.5861	0.6294	0.6730	0.7169	0.7624
0.8089	0.8559	0.9032	0.9510	1.0000

Hrad:

0.0253	0.0506	0.0759	0.1080	0.1510
0.1920	0.2314	0.2694	0.3060	0.3104
0.3105	0.3198	0.3361	0.3513	0.3690
0.3886	0.4095	0.4264	0.4392	0.4478
0.4534	0.4651	0.3967	0.4330	0.4564
0.4235	0.4487	0.4298	0.4612	0.4750
0.5122	0.5484	0.5612	0.5527	0.5611
0.5963	0.6357	0.6659	0.6380	0.6414
0.6885	0.7352	0.7803	0.8236	0.8405
0.8748	0.9209	0.9639	1.0014	1.0000

Width:

0.0060	0.0120	0.0180	0.0224	0.0237
0.0251	0.0264	0.0277	0.0308	0.0598
0.0699	0.0781	0.0849	0.0923	0.1001
0.1077	0.1153	0.1412	0.1615	0.1815
0.2005	0.2182	0.2476	0.2558	0.2798
0.3339	0.3855	0.4169	0.4350	0.4702
0.4833	0.4967	0.5483	0.5964	0.6414
0.6590	0.6793	0.7222	0.7977	0.8465
0.8512	0.8559	0.8623	0.8776	0.9070
0.9246	0.9294	0.9369	0.9496	1.0000

Transect C22

Area:

0.0001	0.0003	0.0007	0.0013	0.0020
0.0029	0.0044	0.0072	0.0108	0.0147
0.0188	0.0231	0.0280	0.0334	0.0390
0.0448	0.0509	0.0572	0.0639	0.0721
0.0829	0.0946	0.1088	0.1249	0.1418
0.1597	0.1782	0.1971	0.2168	0.2376
0.2596	0.2828	0.3071	0.3320	0.3575
0.3837	0.4132	0.4493	0.4859	0.5247
0.5667	0.6115	0.6580	0.7051	0.7527
0.8010	0.8500	0.8995	0.9494	1.0000

Hrad:

0.0254	0.0508	0.0762	0.1016	0.1270
0.1489	0.1437	0.1068	0.1479	0.1887
0.2267	0.2587	0.2755	0.3082	0.3468
0.3844	0.4189	0.4508	0.4696	0.4853
0.4930	0.5085	0.5033	0.3886	0.4114
0.4471	0.4846	0.5218	0.5472	0.5658
0.5890	0.6036	0.6354	0.6705	0.7065
0.7267	0.5854	0.6330	0.6615	0.7026
0.7353	0.6880	0.7147	0.7603	0.7959
0.8395	0.8782	0.9229	0.9639	1.0000

Width:

0.0032	0.0064	0.0096	0.0128	0.0160
0.0196	0.0405	0.0677	0.0732	0.0777
0.0826	0.0893	0.1016	0.1082	0.1124
0.1165	0.1214	0.1267	0.1359	0.2001
0.2214	0.2455	0.3054	0.3211	0.3445
0.3570	0.3675	0.3776	0.3959	0.4197
0.4405	0.4684	0.4831	0.4950	0.5058
0.5279	0.7058	0.7096	0.7372	0.7990
0.8609	0.8917	0.9206	0.9274	0.9456
0.9542	0.9679	0.9747	0.9850	1.0000

Transect C23

Area:

0.0005	0.0023	0.0058	0.0104	0.0168
0.0252	0.0345	0.0451	0.0570	0.0702
0.0853	0.1023	0.1204	0.1395	0.1592
0.1797	0.2003	0.2210	0.2417	0.2625
0.2833	0.3041	0.3250	0.3459	0.3669
0.3880	0.4091	0.4303	0.4515	0.4728
0.4942	0.5157	0.5373	0.5594	0.5822
0.6061	0.6307	0.6559	0.6818	0.7088
0.7366	0.7649	0.7934	0.8223	0.8516
0.8811	0.9105	0.9401	0.9697	1.0000

Hrad:

0.0157	0.0259	0.0453	0.0648	0.0756
0.0967	0.1185	0.1388	0.1576	0.1723
0.1707	0.1868	0.1971	0.2235	0.2493
0.2605	0.2897	0.3189	0.3481	0.3771
0.4062	0.4351	0.4640	0.4925	0.5207
0.5488	0.5769	0.6048	0.6325	0.6601
0.6876	0.7150	0.7423	0.7686	0.7940
0.8171	0.8385	0.8594	0.8110	0.8283
0.8439	0.8656	0.8870	0.9072	0.8628
0.8910	0.9186	0.9461	0.9735	1.0000

Width:

0.0298	0.0997	0.1300	0.1685	0.2503
0.2908	0.3243	0.3628	0.4026	0.4555
0.5268	0.5776	0.6058	0.6365	0.6521
0.6736	0.6749	0.6763	0.6777	0.6790
0.6804	0.6817	0.6831	0.6849	0.6870
0.6890	0.6911	0.6932	0.6955	0.6978
0.7001	0.7024	0.7161	0.7315	0.7636
0.7940	0.8137	0.8329	0.8583	0.9001
0.9169	0.9276	0.9383	0.9527	0.9607
0.9623	0.9645	0.9668	0.9751	1.0000

Transect C26

Area:

0.0000	0.0002	0.0004	0.0006	0.0010
0.0015	0.0020	0.0026	0.0032	0.0039
0.0047	0.0061	0.0084	0.0112	0.0144
0.0184	0.0244	0.0324	0.0418	0.0531
0.0660	0.0803	0.0955	0.1118	0.1292
0.1479	0.1679	0.1898	0.2137	0.2386
0.2645	0.2920	0.3215	0.3532	0.3864
0.4213	0.4572	0.4941	0.5320	0.5712

0.6112 0.6521 0.6936 0.7357 0.7784
0.8221 0.8662 0.9106 0.9552 1.0000

Hrad:

0.0225 0.0450 0.0674 0.0899 0.1124
0.1349 0.1574 0.1861 0.2165 0.2458
0.2705 0.2616 0.2468 0.2465 0.2544
0.2617 0.2389 0.2452 0.2564 0.2674
0.2826 0.3009 0.3248 0.3503 0.3758
0.3959 0.4174 0.4238 0.4468 0.4703
0.4946 0.4930 0.5035 0.5196 0.5414
0.5710 0.6021 0.6247 0.6567 0.6829
0.7092 0.7400 0.7791 0.8178 0.8501
0.8474 0.8885 0.9282 0.9677 1.0000

Width:

0.0018 0.0036 0.0054 0.0072 0.0090
0.0108 0.0126 0.0138 0.0149 0.0159
0.0214 0.0436 0.0563 0.0660 0.0771
0.1012 0.1585 0.1952 0.2276 0.2734
0.2996 0.3289 0.3506 0.3748 0.3990
0.4308 0.4699 0.5140 0.5437 0.5660
0.5878 0.6333 0.6820 0.7253 0.7617
0.7886 0.8103 0.8327 0.8578 0.8834
0.8977 0.9188 0.9304 0.9410 0.9611
0.9809 0.9847 0.9898 0.9949 1.0000

Transect C27

Area:

0.0004 0.0013 0.0023 0.0035 0.0048
0.0062 0.0084 0.0113 0.0152 0.0197
0.0249 0.0313 0.0389 0.0470 0.0556
0.0646 0.0739 0.0836 0.0940 0.1050
0.1172 0.1306 0.1448 0.1601 0.1763
0.1934 0.2117 0.2313 0.2528 0.2766
0.3023 0.3297 0.3582 0.3891 0.4213
0.4553 0.4903 0.5261 0.5625 0.5993
0.6369 0.6756 0.7150 0.7549 0.7952
0.8357 0.8764 0.9174 0.9586 1.0000

Hrad:

0.0205 0.0536 0.0868 0.1175 0.1465
0.1740 0.1825 0.1764 0.1460 0.1751
0.1855 0.2083 0.2033 0.2324 0.2649
0.2988 0.3318 0.3633 0.3900 0.4130
0.4394 0.4400 0.4265 0.4581 0.4880
0.5167 0.5433 0.5663 0.5861 0.6034
0.6199 0.6384 0.6582 0.6676 0.6782
0.6787 0.6947 0.6951 0.7190 0.7456
0.7710 0.7947 0.7729 0.8074 0.8292
0.8665 0.9032 0.9397 0.9626 1.0000

Width:

0.0181 0.0238 0.0266 0.0294 0.0322
0.0371 0.0630 0.0805 0.1029 0.1146
0.1410 0.1678 0.1892 0.2028 0.2124
0.2200 0.2278 0.2420 0.2575 0.2779
0.3082 0.3331 0.3563 0.3800 0.3970
0.4282 0.4555 0.4947 0.5474 0.5966
0.6409 0.6751 0.7099 0.7595 0.7959
0.8323 0.8528 0.8698 0.8832 0.8949

0.9215 0.9408 0.9575 0.9662 0.9733
0.9782 0.9843 0.9907 0.9959 1.0000

Transect C28
Area:
0.0003 0.0014 0.0027 0.0042 0.0058
0.0076 0.0096 0.0117 0.0144 0.0176
0.0213 0.0253 0.0296 0.0343 0.0393
0.0447 0.0504 0.0565 0.0630 0.0698
0.0791 0.0906 0.1035 0.1178 0.1336
0.1506 0.1694 0.1900 0.2122 0.2354
0.2596 0.2845 0.3102 0.3367 0.3640
0.3923 0.4214 0.4511 0.4815 0.5126
0.5452 0.5788 0.6131 0.6525 0.7045
0.7611 0.8198 0.8794 0.9394 1.0000
Hrad:
0.0304 0.0667 0.1163 0.1619 0.2046
0.2453 0.2863 0.3236 0.3493 0.3717
0.3951 0.4202 0.4466 0.4713 0.4967
0.5230 0.5497 0.5760 0.6010 0.6242
0.6246 0.6185 0.5605 0.5794 0.5942
0.5920 0.5863 0.6026 0.5660 0.6035
0.6432 0.6856 0.7225 0.7613 0.7961
0.8307 0.8714 0.9143 0.9526 0.9899
1.0019 1.0373 1.0782 1.1019 1.0604
1.0496 0.8441 0.8947 0.9476 1.0000
Width:
0.0113 0.0204 0.0230 0.0256 0.0283
0.0309 0.0333 0.0396 0.0494 0.0563
0.0627 0.0685 0.0740 0.0799 0.0856
0.0913 0.0970 0.1030 0.1094 0.1256
0.1758 0.1998 0.2273 0.2471 0.2689
0.2936 0.3249 0.3507 0.3747 0.3900
0.4035 0.4149 0.4292 0.4422 0.4572
0.4722 0.4836 0.4934 0.5055 0.5226
0.5443 0.5582 0.5730 0.7674 0.9106
0.9556 0.9718 0.9832 0.9916 1.0000

Transect C3
Area:
0.0009 0.0024 0.0043 0.0063 0.0085
0.0107 0.0132 0.0158 0.0185 0.0213
0.0243 0.0275 0.0309 0.0343 0.0380
0.0418 0.0458 0.0499 0.0543 0.0597
0.0677 0.0777 0.0904 0.1076 0.1280
0.1502 0.1731 0.1966 0.2206 0.2451
0.2703 0.2961 0.3224 0.3494 0.3770
0.4052 0.4337 0.4627 0.4932 0.5254
0.5594 0.5962 0.6369 0.6839 0.7338
0.7850 0.8378 0.8910 0.9450 1.0000
Hrad:
0.0390 0.0764 0.1246 0.1699 0.2131
0.2543 0.2941 0.3341 0.3712 0.4055
0.4393 0.4724 0.5051 0.5374 0.5693
0.6009 0.6349 0.6678 0.6972 0.7143
0.7012 0.6698 0.6206 0.5881 0.5582
0.5476 0.5538 0.5676 0.5941 0.6233

0.6510 0.6831 0.7168 0.7372 0.7728
0.8095 0.8513 0.8938 0.9050 0.9380
0.9748 1.0046 1.0290 1.0022 1.0239
1.0506 0.9638 1.0095 1.0308 1.0000

Width:

0.0225 0.0321 0.0346 0.0372 0.0398
0.0423 0.0449 0.0472 0.0498 0.0526
0.0555 0.0583 0.0611 0.0640 0.0668
0.0696 0.0722 0.0748 0.0838 0.1213
0.1619 0.1982 0.2688 0.3435 0.3860
0.4054 0.4151 0.4256 0.4342 0.4439
0.4589 0.4669 0.4751 0.4900 0.4992
0.5083 0.5151 0.5243 0.5649 0.5881
0.6286 0.6854 0.7847 0.8772 0.9092
0.9284 0.9517 0.9560 0.9751 1.0000

Transect C30

Area:

0.0000 0.0001 0.0003 0.0005 0.0007
0.0010 0.0014 0.0018 0.0023 0.0028
0.0034 0.0041 0.0048 0.0055 0.0063
0.0071 0.0080 0.0089 0.0098 0.0107
0.0117 0.0136 0.0170 0.0212 0.0268
0.0360 0.0497 0.0662 0.0851 0.1052
0.1278 0.1531 0.1803 0.2097 0.2430
0.2785 0.3155 0.3555 0.3982 0.4442
0.4923 0.5424 0.5946 0.6489 0.7053
0.7627 0.8208 0.8797 0.9394 1.0000

Hrad:

0.0288 0.0576 0.0864 0.1153 0.1441
0.1729 0.2017 0.2305 0.2593 0.2882
0.3170 0.3458 0.3746 0.4141 0.4534
0.4919 0.5297 0.5667 0.6032 0.6391
0.6745 0.6508 0.5826 0.5334 0.4931
0.4260 0.3801 0.3621 0.3660 0.3878
0.4088 0.4330 0.4595 0.4833 0.4770
0.5094 0.5352 0.5617 0.5939 0.6244
0.6616 0.7001 0.7377 0.7545 0.7893
0.8329 0.8764 0.9211 0.9702 1.0000

Width:

0.0009 0.0018 0.0028 0.0037 0.0046
0.0055 0.0065 0.0074 0.0083 0.0092
0.0101 0.0111 0.0120 0.0125 0.0131
0.0136 0.0141 0.0147 0.0152 0.0157
0.0163 0.0482 0.0622 0.0769 0.1052
0.1972 0.2491 0.2908 0.3191 0.3390
0.3949 0.4295 0.4595 0.5028 0.5664
0.5911 0.6265 0.6721 0.7290 0.7677
0.8030 0.8362 0.8666 0.9011 0.9318
0.9418 0.9535 0.9716 0.9780 1.0000

Transect C31

Area:

0.0001 0.0014 0.0046 0.0093 0.0151
0.0213 0.0280 0.0353 0.0432 0.0516
0.0603 0.0692 0.0784 0.0879 0.0979
0.1085 0.1200 0.1325 0.1458 0.1597

0.1744 0.1900 0.2062 0.2228 0.2401
0.2582 0.2773 0.2984 0.3214 0.3462
0.3721 0.3995 0.4288 0.4587 0.4889
0.5196 0.5507 0.5823 0.6145 0.6475
0.6811 0.7153 0.7499 0.7849 0.8201
0.8555 0.8911 0.9271 0.9633 1.0000

Hrad:

0.0168 0.0240 0.0429 0.0696 0.0952
0.1271 0.1571 0.1771 0.2042 0.2337
0.2632 0.2923 0.3210 0.3510 0.3808
0.4065 0.4271 0.4486 0.4706 0.4921
0.4967 0.5220 0.5475 0.5733 0.5982
0.6220 0.6442 0.6614 0.6772 0.6920
0.7076 0.7128 0.6800 0.7028 0.7264
0.7505 0.7751 0.7963 0.8047 0.8323
0.8593 0.8864 0.9134 0.9198 0.9489
0.9771 1.0036 1.0301 1.0573 1.0000

Width:

0.0114 0.0585 0.1117 0.1425 0.1629
0.1744 0.1864 0.2081 0.2217 0.2310
0.2381 0.2453 0.2525 0.2597 0.2781
0.2993 0.3255 0.3483 0.3671 0.3855
0.4213 0.4293 0.4430 0.4564 0.4779
0.5021 0.5357 0.6008 0.6480 0.6871
0.7159 0.7737 0.8014 0.8128 0.8241
0.8354 0.8462 0.8630 0.8790 0.9046
0.9170 0.9294 0.9418 0.9499 0.9541
0.9599 0.9685 0.9770 0.9846 1.0000

Transect C32

Area:

0.0005 0.0017 0.0044 0.0079 0.0123
0.0186 0.0266 0.0359 0.0462 0.0580
0.0725 0.0886 0.1062 0.1257 0.1467
0.1684 0.1905 0.2125 0.2347 0.2568
0.2790 0.3013 0.3236 0.3459 0.3683
0.3908 0.4133 0.4362 0.4594 0.4831
0.5072 0.5315 0.5564 0.5815 0.6067
0.6320 0.6574 0.6829 0.7084 0.7340
0.7596 0.7853 0.8113 0.8374 0.8638
0.8903 0.9171 0.9444 0.9720 1.0000

Hrad:

0.0190 0.0309 0.0403 0.0598 0.0724
0.0819 0.0964 0.1074 0.1315 0.1522
0.1671 0.1800 0.1774 0.1829 0.2009
0.2266 0.2449 0.2727 0.3005 0.3282
0.3559 0.3836 0.4110 0.4381 0.4652
0.4922 0.5175 0.5347 0.5598 0.5814
0.5963 0.6223 0.6477 0.6534 0.6794
0.7057 0.7319 0.7582 0.7851 0.8118
0.8386 0.8651 0.8913 0.9172 0.9429
0.9684 0.9935 1.0175 1.0383 1.0000

Width:

0.0248 0.0696 0.1134 0.1385 0.1815
0.2521 0.3090 0.3466 0.3844 0.4780
0.5438 0.5900 0.6628 0.7206 0.7609
0.7738 0.7804 0.7818 0.7832 0.7847

0.7861 0.7876 0.7893 0.7914 0.7935
0.7956 0.8004 0.8174 0.8264 0.8481
0.8519 0.8716 0.8850 0.8911 0.8942
0.8967 0.8993 0.9015 0.9031 0.9047
0.9064 0.9141 0.9226 0.9279 0.9332
0.9431 0.9529 0.9730 0.9834 1.0000

Transect C33
Area:
0.0011 0.0038 0.0090 0.0174 0.0294
0.0426 0.0571 0.0723 0.0878 0.1036
0.1197 0.1364 0.1540 0.1728 0.1927
0.2145 0.2368 0.2592 0.2816 0.3041
0.3266 0.3491 0.3716 0.3942 0.4167
0.4393 0.4620 0.4846 0.5072 0.5299
0.5526 0.5753 0.5981 0.6210 0.6440
0.6671 0.6902 0.7134 0.7367 0.7600
0.7835 0.8070 0.8306 0.8543 0.8781
0.9020 0.9261 0.9504 0.9750 1.0000
Hrad:
0.0133 0.0311 0.0419 0.0489 0.0601
0.0812 0.0980 0.1211 0.1443 0.1674
0.1898 0.2078 0.2191 0.2367 0.2471
0.2675 0.2719 0.2973 0.3227 0.3480
0.3733 0.3986 0.4239 0.4491 0.4743
0.4996 0.5248 0.5501 0.5753 0.6005
0.6256 0.6507 0.6757 0.7006 0.7254
0.7501 0.7747 0.7988 0.8228 0.8467
0.8705 0.8942 0.9179 0.9413 0.9636
0.9857 1.0077 1.0268 1.0425 1.0000
Width:
0.0817 0.1379 0.2574 0.4135 0.4925
0.5411 0.5865 0.6007 0.6124 0.6241
0.6413 0.6702 0.7181 0.7462 0.8446
0.8639 0.8764 0.8773 0.8782 0.8792
0.8801 0.8810 0.8820 0.8829 0.8838
0.8846 0.8853 0.8861 0.8868 0.8875
0.8883 0.8903 0.8940 0.8978 0.9010
0.9036 0.9062 0.9093 0.9125 0.9156
0.9188 0.9220 0.9252 0.9285 0.9340
0.9397 0.9456 0.9553 0.9686 1.0000

Transect C36
Area:
0.0001 0.0005 0.0018 0.0036 0.0057
0.0083 0.0117 0.0166 0.0225 0.0292
0.0373 0.0472 0.0579 0.0696 0.0829
0.0980 0.1150 0.1330 0.1520 0.1718
0.1926 0.2144 0.2372 0.2611 0.2861
0.3118 0.3384 0.3653 0.3926 0.4201
0.4477 0.4757 0.5038 0.5322 0.5607
0.5893 0.6180 0.6468 0.6757 0.7048
0.7339 0.7631 0.7925 0.8220 0.8515
0.8810 0.9106 0.9403 0.9701 1.0000
Hrad:
0.0150 0.0229 0.0377 0.0557 0.0759
0.0928 0.0955 0.1098 0.1225 0.1353

0.1407 0.1509 0.1702 0.1883 0.2047
0.2134 0.2260 0.2451 0.2656 0.2851
0.3039 0.3221 0.3336 0.3508 0.3660
0.3875 0.4054 0.4302 0.4551 0.4805
0.5061 0.5316 0.5572 0.5752 0.6021
0.6298 0.6574 0.6847 0.7120 0.7393
0.7664 0.7935 0.8205 0.8432 0.8715
0.8997 0.9279 0.9547 0.9793 1.0000

Width:

0.0064 0.0319 0.0508 0.0654 0.0760
0.0968 0.1413 0.1798 0.2116 0.2378
0.3047 0.3456 0.3745 0.4125 0.4676
0.5369 0.5887 0.6173 0.6468 0.6764
0.7093 0.7435 0.7772 0.8144 0.8483
0.8706 0.8951 0.9037 0.9124 0.9198
0.9275 0.9353 0.9425 0.9488 0.9527
0.9557 0.9587 0.9623 0.9660 0.9697
0.9735 0.9772 0.9810 0.9834 0.9850
0.9865 0.9881 0.9908 0.9954 1.0000

Transect C37

Area:

0.0010 0.0038 0.0073 0.0112 0.0159
0.0213 0.0275 0.0362 0.0486 0.0628
0.0780 0.0936 0.1097 0.1264 0.1434
0.1612 0.1795 0.1982 0.2172 0.2366
0.2571 0.2788 0.3007 0.3230 0.3458
0.3692 0.3930 0.4173 0.4425 0.4678
0.4933 0.5189 0.5446 0.5704 0.5963
0.6223 0.6484 0.6747 0.7011 0.7275
0.7542 0.7809 0.8079 0.8349 0.8621
0.8894 0.9169 0.9445 0.9722 1.0000

Hrad:

0.0163 0.0335 0.0544 0.0756 0.0847
0.1044 0.1208 0.1228 0.1134 0.1175
0.1414 0.1655 0.1860 0.2103 0.2311
0.2481 0.2709 0.2935 0.3165 0.3378
0.3487 0.3563 0.3794 0.4025 0.4158
0.4370 0.4589 0.4666 0.4882 0.5138
0.5393 0.5650 0.5906 0.6161 0.6408
0.6655 0.6908 0.7160 0.7406 0.7647
0.7882 0.8114 0.8352 0.8590 0.8830
0.9070 0.9304 0.9537 0.9769 1.0000

Width:

0.0702 0.1141 0.1339 0.1487 0.1873
0.2038 0.2575 0.3788 0.4932 0.5350
0.5516 0.5657 0.5900 0.6007 0.6204
0.6498 0.6628 0.6754 0.6864 0.7112
0.7668 0.7824 0.7927 0.8025 0.8318
0.8450 0.8564 0.8944 0.9064 0.9106
0.9148 0.9185 0.9220 0.9257 0.9305
0.9351 0.9387 0.9423 0.9466 0.9514
0.9568 0.9625 0.9673 0.9721 0.9764
0.9807 0.9855 0.9903 0.9952 1.0000

Transect C39

Area:

0.0001 0.0004 0.0009 0.0016 0.0025
0.0035 0.0046 0.0059 0.0072 0.0087
0.0103 0.0120 0.0138 0.0157 0.0177
0.0199 0.0222 0.0248 0.0279 0.0318
0.0364 0.0416 0.0472 0.0539 0.0624
0.0740 0.0889 0.1070 0.1283 0.1534
0.1812 0.2113 0.2442 0.2798 0.3170
0.3558 0.3963 0.4388 0.4834 0.5288
0.5748 0.6212 0.6679 0.7147 0.7617
0.8089 0.8562 0.9039 0.9518 1.0000

Hrad:

0.0243 0.0485 0.0728 0.0997 0.1306
0.1598 0.1879 0.2153 0.2421 0.2737
0.3056 0.3368 0.3672 0.3965 0.4081
0.4218 0.4370 0.4310 0.4396 0.4555
0.4661 0.4776 0.4908 0.4880 0.4809
0.4446 0.3369 0.3212 0.3433 0.3634
0.3864 0.4109 0.4294 0.4549 0.4815
0.5105 0.5299 0.5486 0.5540 0.5733
0.6150 0.6561 0.7011 0.7467 0.7922
0.8377 0.8808 0.9226 0.9610 1.0000

Width:

0.0042 0.0084 0.0126 0.0164 0.0191
0.0218 0.0245 0.0272 0.0299 0.0319
0.0338 0.0357 0.0376 0.0395 0.0433
0.0471 0.0509 0.0577 0.0691 0.0880
0.1023 0.1114 0.1205 0.1545 0.2044
0.2729 0.3423 0.4053 0.4859 0.5481
0.5967 0.6471 0.7169 0.7497 0.7872
0.8165 0.8535 0.9099 0.9272 0.9451
0.9535 0.9616 0.9654 0.9684 0.9715
0.9746 0.9800 0.9866 0.9906 1.0000

Transect C4

Area:

0.0007 0.0020 0.0042 0.0069 0.0101
0.0138 0.0180 0.0225 0.0273 0.0324
0.0384 0.0456 0.0544 0.0651 0.0777
0.0909 0.1045 0.1189 0.1342 0.1499
0.1660 0.1826 0.1999 0.2178 0.2366
0.2569 0.2787 0.3025 0.3282 0.3558
0.3841 0.4130 0.4427 0.4732 0.5043
0.5358 0.5675 0.5994 0.6315 0.6638
0.6962 0.7289 0.7617 0.7949 0.8282
0.8620 0.8960 0.9302 0.9648 1.0000

Hrad:

0.0213 0.0431 0.0573 0.0826 0.1018
0.1215 0.1440 0.1685 0.1921 0.2115
0.2225 0.2364 0.2467 0.2065 0.2108
0.2355 0.2641 0.2915 0.3179 0.3447
0.3720 0.3985 0.4238 0.4468 0.4532
0.4489 0.4726 0.4770 0.4959 0.4656
0.4905 0.5151 0.5371 0.5608 0.5737
0.6046 0.6355 0.6665 0.6978 0.7290
0.7602 0.7913 0.8204 0.8490 0.8749
0.9016 0.9310 0.9602 0.9786 1.0000

Width:

0.0308 0.0463 0.0720 0.0825 0.0974
0.1118 0.1229 0.1313 0.1397 0.1506
0.1853 0.2175 0.2785 0.3425 0.3620
0.3789 0.3914 0.4209 0.4374 0.4491
0.4591 0.4808 0.4950 0.5120 0.5476
0.5973 0.6391 0.7028 0.7523 0.7897
0.8057 0.8236 0.8495 0.8695 0.8831
0.8898 0.8963 0.9021 0.9075 0.9128
0.9177 0.9226 0.9296 0.9367 0.9464
0.9552 0.9612 0.9672 0.9847 1.0000

Transect C40
Area:
0.0011 0.0026 0.0043 0.0064 0.0087
0.0115 0.0146 0.0183 0.0227 0.0272
0.0321 0.0372 0.0428 0.0486 0.0546
0.0611 0.0682 0.0762 0.0846 0.0935
0.1028 0.1123 0.1221 0.1321 0.1427
0.1549 0.1688 0.1844 0.2014 0.2201
0.2403 0.2636 0.2914 0.3226 0.3567
0.3939 0.4334 0.4743 0.5159 0.5580
0.6006 0.6437 0.6872 0.7311 0.7753
0.8198 0.8645 0.9094 0.9546 1.0000
Hrad:
0.0347 0.0716 0.1048 0.1320 0.1564
0.1745 0.2043 0.1988 0.2308 0.2635
0.2953 0.3139 0.3441 0.3730 0.4005
0.3993 0.4231 0.4185 0.4478 0.4665
0.4983 0.5302 0.5616 0.5925 0.6211
0.6409 0.5755 0.5234 0.5443 0.5282
0.5515 0.5286 0.5141 0.5405 0.5484
0.5178 0.5045 0.5320 0.5728 0.6131
0.6515 0.6919 0.7324 0.7729 0.8154
0.8576 0.8997 0.9417 0.9835 1.0000
Width:
0.0305 0.0359 0.0413 0.0482 0.0557
0.0660 0.0717 0.0921 0.0982 0.1034
0.1086 0.1186 0.1243 0.1302 0.1364
0.1530 0.1613 0.1821 0.1891 0.2005
0.2063 0.2119 0.2174 0.2230 0.2532
0.2831 0.3300 0.3624 0.3899 0.4273
0.4744 0.5532 0.6581 0.7142 0.7802
0.8516 0.8817 0.9103 0.9178 0.9291
0.9426 0.9522 0.9600 0.9678 0.9732
0.9787 0.9841 0.9896 0.9951 1.0000

Transect C41
Area:
0.0000 0.0002 0.0004 0.0008 0.0012
0.0017 0.0023 0.0030 0.0039 0.0047
0.0057 0.0067 0.0078 0.0090 0.0102
0.0115 0.0129 0.0143 0.0158 0.0173
0.0189 0.0205 0.0222 0.0248 0.0297
0.0381 0.0505 0.0658 0.0842 0.1055
0.1307 0.1602 0.1932 0.2299 0.2688
0.3088 0.3502 0.3928 0.4366 0.4822
0.5288 0.5766 0.6265 0.6775 0.7299

0.7830 0.8369 0.8910 0.9453 1.0000

Hrad:

0.0274 0.0548 0.0821 0.1095 0.1369
0.1643 0.1917 0.2191 0.2481 0.2817
0.3144 0.3464 0.3778 0.4087 0.4410
0.4751 0.5087 0.5417 0.5742 0.6064
0.6382 0.6697 0.7009 0.6952 0.6262
0.5339 0.4551 0.4164 0.3936 0.3777
0.3769 0.3305 0.3554 0.3389 0.3848
0.4311 0.4643 0.5110 0.5524 0.5952
0.6421 0.6824 0.7278 0.7729 0.8182
0.8645 0.8574 0.9101 0.9599 1.0000

Width:

0.0017 0.0035 0.0052 0.0069 0.0087
0.0104 0.0121 0.0139 0.0155 0.0168
0.0181 0.0194 0.0206 0.0219 0.0231
0.0242 0.0252 0.0263 0.0274 0.0284
0.0295 0.0305 0.0316 0.0655 0.1198
0.1890 0.2529 0.3121 0.3592 0.4206
0.4934 0.5750 0.6347 0.6981 0.7191
0.7398 0.7670 0.7849 0.8150 0.8414
0.8589 0.8895 0.9206 0.9435 0.9612
0.9714 0.9842 0.9872 0.9932 1.0000

Transect C43

Area:

0.0002 0.0010 0.0021 0.0034 0.0052
0.0078 0.0107 0.0147 0.0198 0.0265
0.0334 0.0405 0.0478 0.0556 0.0642
0.0735 0.0834 0.0941 0.1060 0.1187
0.1319 0.1454 0.1594 0.1740 0.1898
0.2075 0.2262 0.2458 0.2663 0.2875
0.3093 0.3321 0.3565 0.3832 0.4126
0.4448 0.4795 0.5157 0.5527 0.5904
0.6288 0.6677 0.7071 0.7472 0.7878
0.8290 0.8709 0.9134 0.9566 1.0000

Hrad:

0.0218 0.0445 0.0755 0.1037 0.0970
0.1253 0.1483 0.1414 0.1645 0.1683
0.2080 0.2471 0.2849 0.3209 0.3542
0.3809 0.3845 0.4122 0.4201 0.4487
0.4801 0.5119 0.5428 0.5722 0.5962
0.6094 0.6352 0.6602 0.6847 0.7002
0.7270 0.7489 0.7668 0.7769 0.7850
0.7957 0.7815 0.7881 0.7965 0.8202
0.7848 0.8201 0.8526 0.8841 0.9162
0.9482 0.9772 1.0080 1.0209 1.0000

Width:

0.0113 0.0222 0.0274 0.0325 0.0542
0.0623 0.0780 0.1040 0.1391 0.1578
0.1610 0.1643 0.1728 0.1855 0.2082
0.2191 0.2403 0.2503 0.2875 0.2984
0.3068 0.3143 0.3286 0.3457 0.3827
0.4220 0.4408 0.4606 0.4806 0.4952
0.5086 0.5366 0.5876 0.6487 0.7016
0.7777 0.8166 0.8440 0.8595 0.8728
0.8928 0.8980 0.9151 0.9283 0.9405

0.9529 0.9714 0.9830 0.9971 1.0000

Transect C44
Area:
0.0005 0.0026 0.0070 0.0145 0.0235
0.0331 0.0438 0.0556 0.0685 0.0820
0.0963 0.1119 0.1288 0.1465 0.1657
0.1855 0.2058 0.2264 0.2471 0.2680
0.2891 0.3104 0.3319 0.3537 0.3757
0.3981 0.4207 0.4435 0.4666 0.4899
0.5135 0.5373 0.5616 0.5862 0.6109
0.6357 0.6606 0.6855 0.7107 0.7361
0.7615 0.7871 0.8127 0.8385 0.8643
0.8904 0.9171 0.9443 0.9720 1.0000
Hrad:
0.0195 0.0236 0.0388 0.0521 0.0734
0.0973 0.1187 0.1392 0.1600 0.1812
0.2015 0.2198 0.2382 0.2560 0.2712
0.2904 0.3126 0.3356 0.3589 0.3824
0.4061 0.4296 0.4528 0.4745 0.4970
0.5187 0.5407 0.5626 0.5843 0.6060
0.6268 0.6472 0.6636 0.6715 0.6982
0.7249 0.7499 0.7745 0.7954 0.8209
0.8462 0.8713 0.8964 0.9213 0.9454
0.9608 0.9655 0.9805 0.9960 1.0000
Width:
0.0313 0.1220 0.2085 0.3036 0.3280
0.3561 0.3957 0.4461 0.4653 0.4938
0.5204 0.5852 0.6101 0.6520 0.6918
0.7154 0.7237 0.7306 0.7371 0.7435
0.7496 0.7570 0.7652 0.7775 0.7863
0.7954 0.8039 0.8123 0.8210 0.8297
0.8400 0.8508 0.8666 0.8743 0.8762
0.8781 0.8821 0.8867 0.8963 0.8995
0.9030 0.9065 0.9100 0.9137 0.9180
0.9304 0.9580 0.9714 0.9846 1.0000

Transect C45
Area:
0.0008 0.0026 0.0055 0.0088 0.0127
0.0175 0.0229 0.0294 0.0379 0.0479
0.0587 0.0697 0.0814 0.0940 0.1070
0.1204 0.1342 0.1484 0.1634 0.1796
0.1966 0.2147 0.2338 0.2539 0.2750
0.2976 0.3228 0.3484 0.3744 0.4008
0.4274 0.4541 0.4811 0.5083 0.5358
0.5639 0.5922 0.6208 0.6499 0.6800
0.7105 0.7414 0.7726 0.8041 0.8359
0.8680 0.9004 0.9334 0.9666 1.0000
Hrad:
0.0233 0.0321 0.0592 0.0850 0.0993
0.1186 0.1400 0.1547 0.1480 0.1552
0.1821 0.2100 0.2249 0.2488 0.2741
0.2998 0.3247 0.3484 0.3693 0.3873
0.4049 0.4225 0.4366 0.4533 0.4661
0.4672 0.4280 0.4553 0.4829 0.5112
0.5406 0.5702 0.5996 0.6269 0.6506

0.6739 0.7008 0.7272 0.7472 0.7537
0.7791 0.8056 0.8296 0.8540 0.8808
0.9068 0.9258 0.9488 0.9774 1.0000

Width:

0.0354 0.0802 0.0932 0.1044 0.1286
0.1501 0.1738 0.2155 0.2776 0.3103
0.3235 0.3335 0.3635 0.3792 0.3919
0.4033 0.4150 0.4277 0.4642 0.4937
0.5191 0.5495 0.5825 0.6090 0.6460
0.7089 0.7555 0.7664 0.7763 0.7848
0.7912 0.7969 0.8026 0.8108 0.8235
0.8365 0.8446 0.8531 0.8819 0.9012
0.9109 0.9191 0.9298 0.9400 0.9472
0.9552 0.9704 0.9815 0.9864 1.0000

Transect C46

Area:

0.0001 0.0003 0.0007 0.0012 0.0021
0.0033 0.0054 0.0082 0.0116 0.0154
0.0195 0.0239 0.0286 0.0338 0.0395
0.0456 0.0522 0.0601 0.0698 0.0803
0.0920 0.1050 0.1186 0.1337 0.1513
0.1749 0.2020 0.2302 0.2586 0.2878
0.3176 0.3476 0.3779 0.4091 0.4412
0.4746 0.5084 0.5445 0.5812 0.6181
0.6550 0.6921 0.7292 0.7671 0.8053
0.8437 0.8823 0.9210 0.9599 1.0000

Hrad:

0.0202 0.0404 0.0606 0.0808 0.0842
0.0659 0.0949 0.1052 0.1286 0.1583
0.1861 0.2142 0.2333 0.2484 0.2705
0.2897 0.3025 0.2764 0.2940 0.3089
0.3312 0.3509 0.3770 0.3939 0.4074
0.3666 0.2952 0.3335 0.3710 0.4042
0.4283 0.4661 0.5034 0.5221 0.5558
0.5724 0.6081 0.6014 0.6391 0.6772
0.7158 0.7542 0.7897 0.8134 0.8490
0.8863 0.9234 0.9601 0.9909 1.0000

Width:

0.0038 0.0076 0.0114 0.0152 0.0240
0.0488 0.0562 0.0770 0.0891 0.0960
0.1033 0.1098 0.1208 0.1341 0.1437
0.1552 0.1701 0.2237 0.2465 0.2706
0.3000 0.3260 0.3438 0.3859 0.5331
0.6211 0.6838 0.6892 0.7000 0.7185
0.7310 0.7352 0.7448 0.7725 0.8058
0.8174 0.8503 0.8927 0.8967 0.8998
0.9022 0.9047 0.9105 0.9298 0.9352
0.9386 0.9420 0.9457 0.9559 1.0000

Transect C48

Area:

0.0002 0.0007 0.0019 0.0046 0.0101
0.0192 0.0307 0.0446 0.0604 0.0782
0.0970 0.1164 0.1363 0.1564 0.1769
0.1981 0.2199 0.2420 0.2642 0.2867
0.3093 0.3320 0.3550 0.3781 0.4013

0.4246 0.4479 0.4712 0.4946 0.5181
0.5416 0.5651 0.5887 0.6123 0.6360
0.6598 0.6836 0.7075 0.7314 0.7555
0.7796 0.8037 0.8280 0.8523 0.8767
0.9012 0.9257 0.9504 0.9751 1.0000

Hrad:

0.0126 0.0233 0.0367 0.0398 0.0452
0.0503 0.0651 0.0823 0.0974 0.1096
0.1323 0.1511 0.1725 0.1961 0.2185
0.2397 0.2570 0.2801 0.3031 0.3259
0.3484 0.3708 0.3931 0.4154 0.4390
0.4632 0.4874 0.5115 0.5356 0.5597
0.5838 0.6078 0.6316 0.6553 0.6791
0.7027 0.7264 0.7498 0.7731 0.7963
0.8195 0.8427 0.8658 0.8885 0.9112
0.9339 0.9563 0.9786 1.0008 1.0000

Width:

0.0127 0.0362 0.0594 0.1640 0.2823
0.4209 0.5142 0.5927 0.6785 0.7404
0.7605 0.7881 0.7980 0.8044 0.8326
0.8575 0.8788 0.8858 0.8928 0.8994
0.9062 0.9129 0.9196 0.9261 0.9283
0.9301 0.9319 0.9337 0.9354 0.9372
0.9390 0.9408 0.9431 0.9454 0.9477
0.9500 0.9523 0.9549 0.9581 0.9612
0.9644 0.9671 0.9698 0.9728 0.9759
0.9789 0.9823 0.9858 0.9895 1.0000

Transect C49

Area:

0.0002 0.0013 0.0034 0.0061 0.0093
0.0127 0.0162 0.0199 0.0238 0.0282
0.0336 0.0399 0.0472 0.0557 0.0666
0.0803 0.0967 0.1153 0.1360 0.1579
0.1805 0.2036 0.2272 0.2512 0.2758
0.3013 0.3276 0.3543 0.3814 0.4086
0.4360 0.4636 0.4914 0.5197 0.5486
0.5777 0.6071 0.6367 0.6666 0.6965
0.7265 0.7566 0.7868 0.8171 0.8474
0.8777 0.9082 0.9387 0.9693 1.0000

Hrad:

0.0154 0.0242 0.0471 0.0627 0.0886
0.1145 0.1407 0.1663 0.1768 0.1947
0.2106 0.2251 0.2348 0.2388 0.2413
0.2464 0.2434 0.2494 0.2116 0.2379
0.2639 0.2897 0.3156 0.3413 0.3654
0.3856 0.4106 0.4219 0.4379 0.4664
0.4947 0.5229 0.5510 0.5742 0.6026
0.6309 0.6587 0.6863 0.7140 0.7418
0.7696 0.7975 0.8219 0.8510 0.8801
0.9086 0.9366 0.9644 0.9923 1.0000

Width:

0.0133 0.0566 0.0760 0.0990 0.1070
0.1135 0.1174 0.1213 0.1356 0.1562
0.1907 0.2196 0.2536 0.3088 0.4000
0.4914 0.5706 0.6517 0.6987 0.7241
0.7430 0.7598 0.7753 0.7904 0.8117

0.8469 0.8628 0.8770 0.8831 0.8884
0.8942 0.9000 0.9094 0.9357 0.9438
0.9509 0.9599 0.9677 0.9711 0.9746
0.9781 0.9816 0.9833 0.9849 0.9865
0.9887 0.9915 0.9943 0.9972 1.0000

Transect C50
Area:
0.0006 0.0018 0.0031 0.0056 0.0082
0.0110 0.0139 0.0169 0.0200 0.0232
0.0266 0.0301 0.0342 0.0394 0.0450
0.0509 0.0574 0.0645 0.0718 0.0796
0.0878 0.0972 0.1084 0.1216 0.1361
0.1523 0.1710 0.1934 0.2189 0.2455
0.2731 0.3026 0.3338 0.3670 0.4008
0.4354 0.4707 0.5065 0.5428 0.5797
0.6175 0.6565 0.6979 0.7398 0.7821
0.8251 0.8683 0.9118 0.9556 1.0000
Hrad:
0.0300 0.0644 0.0848 0.0982 0.1345
0.1728 0.2100 0.2461 0.2812 0.3150
0.3450 0.3743 0.3052 0.3277 0.3528
0.3666 0.3757 0.3996 0.4254 0.4467
0.4601 0.4443 0.4494 0.3984 0.3914
0.4011 0.3945 0.3476 0.3770 0.4050
0.4325 0.4505 0.4638 0.4918 0.5234
0.5593 0.5925 0.6285 0.6642 0.6971
0.7193 0.7537 0.7485 0.7865 0.8176
0.8562 0.8953 0.9340 0.9661 1.0000
Width:
0.0216 0.0275 0.0415 0.0568 0.0611
0.0636 0.0661 0.0686 0.0711 0.0737
0.0770 0.0803 0.1122 0.1203 0.1274
0.1388 0.1529 0.1613 0.1689 0.1782
0.1966 0.2190 0.2755 0.3059 0.3486
0.3807 0.4489 0.5585 0.5830 0.6086
0.6340 0.6744 0.7236 0.7490 0.7685
0.7809 0.7966 0.8079 0.8192 0.8333
0.8600 0.9096 0.9339 0.9419 0.9578
0.9645 0.9704 0.9766 0.9893 1.0000

Transect C51
Area:
0.0002 0.0009 0.0024 0.0064 0.0113
0.0164 0.0216 0.0271 0.0327 0.0385
0.0445 0.0509 0.0574 0.0641 0.0710
0.0785 0.0886 0.1016 0.1160 0.1315
0.1483 0.1712 0.1949 0.2190 0.2437
0.2691 0.2947 0.3205 0.3465 0.3731
0.4004 0.4280 0.4559 0.4843 0.5140
0.5446 0.5753 0.6062 0.6372 0.6684
0.6998 0.7319 0.7642 0.7968 0.8295
0.8626 0.8962 0.9302 0.9647 1.0000
Hrad:
0.0177 0.0381 0.0315 0.0477 0.0800
0.1117 0.1428 0.1732 0.2034 0.2330
0.2531 0.2798 0.3068 0.3337 0.3585

0.3799 0.3863 0.3777 0.3257 0.3416
0.2852 0.2661 0.2981 0.3295 0.3548
0.3737 0.4061 0.4392 0.4700 0.4868
0.5164 0.5476 0.5781 0.5895 0.5997
0.6299 0.6621 0.6944 0.7267 0.7564
0.7838 0.8039 0.8352 0.8661 0.8929
0.9175 0.9415 0.9625 0.9819 1.0000
Width:
0.0121 0.0223 0.0799 0.1340 0.1408
0.1464 0.1516 0.1564 0.1609 0.1652
0.1759 0.1817 0.1870 0.1921 0.1980
0.2450 0.3362 0.3908 0.4245 0.4475
0.5590 0.6658 0.6744 0.6849 0.7115
0.7200 0.7256 0.7297 0.7372 0.7664
0.7754 0.7816 0.7885 0.8215 0.8571
0.8645 0.8689 0.8729 0.8767 0.8836
0.8928 0.9104 0.9150 0.9199 0.9290
0.9402 0.9518 0.9664 0.9825 1.0000

Transect C52
Area:
0.0005 0.0017 0.0033 0.0053 0.0078
0.0107 0.0144 0.0195 0.0257 0.0332
0.0414 0.0505 0.0603 0.0708 0.0827
0.0959 0.1105 0.1264 0.1436 0.1619
0.1815 0.2022 0.2244 0.2479 0.2726
0.2982 0.3247 0.3515 0.3785 0.4056
0.4330 0.4608 0.4888 0.5172 0.5458
0.5748 0.6040 0.6335 0.6630 0.6928
0.7228 0.7530 0.7835 0.8142 0.8449
0.8757 0.9066 0.9376 0.9687 1.0000
Hrad:
0.0159 0.0377 0.0595 0.0787 0.0969
0.1132 0.1204 0.1340 0.1468 0.1600
0.1766 0.1814 0.2023 0.2221 0.2303
0.2493 0.2685 0.2860 0.3026 0.3197
0.3349 0.3515 0.3665 0.3600 0.3650
0.3781 0.3971 0.4103 0.4412 0.4719
0.5022 0.5322 0.5619 0.5912 0.6190
0.6467 0.6668 0.6761 0.7068 0.7372
0.7674 0.7973 0.8268 0.8564 0.8860
0.9155 0.9451 0.9745 1.0012 1.0000
Width:
0.0294 0.0460 0.0574 0.0708 0.0849
0.1021 0.1448 0.1754 0.2249 0.2503
0.2735 0.3029 0.3223 0.3504 0.4003
0.4429 0.4826 0.5294 0.5664 0.6012
0.6418 0.6791 0.7290 0.7655 0.8034
0.8268 0.8472 0.8574 0.8601 0.8670
0.8810 0.8856 0.8963 0.9060 0.9161
0.9262 0.9334 0.9373 0.9433 0.9508
0.9567 0.9680 0.9732 0.9757 0.9783
0.9809 0.9835 0.9868 0.9930 1.0000

Transect C53
Area:
0.0005 0.0019 0.0039 0.0065 0.0103

0.0144 0.0187 0.0231 0.0277 0.0325
0.0373 0.0426 0.0488 0.0558 0.0639
0.0732 0.0852 0.0993 0.1151 0.1332
0.1532 0.1750 0.1982 0.2228 0.2487
0.2755 0.3027 0.3306 0.3591 0.3884
0.4182 0.4481 0.4780 0.5081 0.5382
0.5683 0.5986 0.6289 0.6593 0.6898
0.7203 0.7510 0.7817 0.8126 0.8437
0.8749 0.9062 0.9374 0.9687 1.0000

Hrad:

0.0204 0.0316 0.0564 0.0738 0.0866
0.1125 0.1382 0.1635 0.1891 0.2151
0.2406 0.2633 0.2800 0.2938 0.3033
0.3053 0.2874 0.2868 0.2935 0.3020
0.3125 0.3234 0.3301 0.3384 0.3296
0.3528 0.3792 0.4052 0.4308 0.4558
0.4709 0.4990 0.5272 0.5557 0.5842
0.6129 0.6416 0.6703 0.6991 0.7279
0.7562 0.7840 0.8109 0.8376 0.8642
0.8778 0.9084 0.9389 0.9695 1.0000

Width:

0.0250 0.0595 0.0693 0.1013 0.1291
0.1342 0.1394 0.1447 0.1494 0.1534
0.1574 0.1808 0.2120 0.2378 0.2721
0.3357 0.4262 0.4745 0.5471 0.6030
0.6717 0.7202 0.7593 0.8087 0.8467
0.8617 0.8821 0.8985 0.9223 0.9469
0.9527 0.9553 0.9579 0.9602 0.9625
0.9648 0.9671 0.9694 0.9717 0.9741
0.9769 0.9801 0.9849 0.9899 0.9949
0.9971 0.9978 0.9986 0.9993 1.0000

Transect C55

Area:

0.0001 0.0004 0.0009 0.0014 0.0020
0.0032 0.0057 0.0091 0.0147 0.0209
0.0274 0.0341 0.0411 0.0486 0.0584
0.0695 0.0830 0.0980 0.1139 0.1308
0.1487 0.1688 0.1942 0.2198 0.2455
0.2714 0.2979 0.3246 0.3515 0.3786
0.4060 0.4336 0.4616 0.4904 0.5196
0.5491 0.5790 0.6091 0.6394 0.6701
0.7013 0.7331 0.7651 0.7974 0.8300
0.8631 0.8966 0.9305 0.9650 1.0000

Hrad:

0.0176 0.0395 0.0650 0.0882 0.1099
0.1024 0.0921 0.0881 0.0845 0.1156
0.1463 0.1761 0.2045 0.2297 0.2446
0.2588 0.2291 0.2484 0.2669 0.2864
0.2859 0.2346 0.2682 0.3017 0.3351
0.3639 0.3944 0.4264 0.4588 0.4892
0.5201 0.5488 0.5689 0.5965 0.6224
0.6513 0.6798 0.7093 0.7401 0.7612
0.7808 0.8086 0.8387 0.8654 0.8895
0.9133 0.9370 0.9606 0.9755 1.0000

Width:

0.0065 0.0112 0.0134 0.0157 0.0179

0.0542 0.0825 0.1196 0.1736 0.1809
0.1872 0.1936 0.2006 0.2503 0.2949
0.3539 0.4157 0.4388 0.4674 0.4927
0.5199 0.7194 0.7240 0.7284 0.7324
0.7457 0.7552 0.7611 0.7660 0.7738
0.7805 0.7900 0.8114 0.8221 0.8348
0.8432 0.8516 0.8587 0.8640 0.8802
0.8981 0.9066 0.9122 0.9213 0.9331
0.9450 0.9568 0.9686 0.9892 1.0000

Transect C57
Area:
0.0003 0.0007 0.0012 0.0018 0.0025
0.0033 0.0046 0.0060 0.0076 0.0097
0.0127 0.0159 0.0196 0.0243 0.0307
0.0392 0.0492 0.0622 0.0772 0.0934
0.1106 0.1290 0.1484 0.1689 0.1906
0.2133 0.2365 0.2604 0.2849 0.3105
0.3371 0.3647 0.3933 0.4240 0.4565
0.4902 0.5247 0.5596 0.5949 0.6306
0.6665 0.7027 0.7392 0.7758 0.8126
0.8496 0.8868 0.9243 0.9620 1.0000
Hrad:
0.0300 0.0586 0.0840 0.1076 0.1302
0.1268 0.1324 0.1506 0.1690 0.1824
0.1951 0.2122 0.2292 0.2370 0.1802
0.2017 0.2138 0.2177 0.2343 0.2556
0.2765 0.3020 0.3270 0.3522 0.3770
0.3937 0.4221 0.4504 0.4639 0.4938
0.5226 0.5397 0.5695 0.5862 0.6065
0.6133 0.5880 0.6199 0.6516 0.6719
0.7059 0.7397 0.7734 0.8065 0.8405
0.8745 0.9075 0.9388 0.9695 1.0000
Width:
0.0099 0.0123 0.0147 0.0171 0.0195
0.0264 0.0344 0.0397 0.0449 0.0740
0.0812 0.0891 0.1060 0.1402 0.1973
0.2388 0.2993 0.3669 0.4113 0.4377
0.4701 0.4951 0.5215 0.5547 0.5830
0.6018 0.6172 0.6327 0.6554 0.6854
0.7098 0.7345 0.7714 0.8352 0.8669
0.8980 0.9088 0.9182 0.9296 0.9402
0.9457 0.9512 0.9567 0.9626 0.9674
0.9719 0.9774 0.9846 0.9923 1.0000

Transect C58
Area:
0.0001 0.0006 0.0017 0.0034 0.0055
0.0078 0.0104 0.0133 0.0164 0.0198
0.0244 0.0324 0.0440 0.0578 0.0723
0.0879 0.1047 0.1226 0.1420 0.1621
0.1826 0.2033 0.2242 0.2457 0.2676
0.2900 0.3127 0.3361 0.3603 0.3849
0.4102 0.4359 0.4622 0.4890 0.5165
0.5447 0.5731 0.6017 0.6305 0.6596
0.6892 0.7202 0.7524 0.7855 0.8193
0.8540 0.8897 0.9257 0.9622 1.0000

Hrad:

0.0193	0.0371	0.0518	0.0729	0.0955
0.1219	0.1480	0.1724	0.1932	0.2145
0.2230	0.1972	0.2025	0.2140	0.2339
0.2431	0.2685	0.2898	0.3061	0.3351
0.3647	0.3961	0.4276	0.4587	0.4899
0.5208	0.5513	0.5799	0.6078	0.6332
0.6585	0.6845	0.7090	0.7332	0.7532
0.7771	0.8110	0.8448	0.8781	0.9098
0.9400	0.9519	0.9783	1.0049	1.0300
1.0347	0.9537	0.9868	1.0185	1.0000

Width:

0.0076	0.0198	0.0384	0.0486	0.0581
0.0649	0.0710	0.0773	0.0850	0.0926
0.1530	0.2751	0.3337	0.3695	0.3893
0.4281	0.4461	0.4883	0.5181	0.5273
0.5363	0.5419	0.5500	0.5659	0.5763
0.5867	0.5997	0.6200	0.6362	0.6490
0.6631	0.6762	0.6917	0.7075	0.7262
0.7370	0.7420	0.7469	0.7522	0.7625
0.7817	0.8275	0.8513	0.8697	0.8898
0.9269	0.9330	0.9434	0.9634	1.0000

Transect C6

Area:

0.0003	0.0009	0.0022	0.0044	0.0081
0.0131	0.0206	0.0316	0.0458	0.0626
0.0806	0.0997	0.1198	0.1407	0.1621
0.1840	0.2064	0.2291	0.2521	0.2752
0.2984	0.3217	0.3450	0.3685	0.3920
0.4156	0.4393	0.4630	0.4869	0.5108
0.5347	0.5587	0.5827	0.6069	0.6310
0.6552	0.6795	0.7038	0.7281	0.7526
0.7770	0.8016	0.8262	0.8508	0.8755
0.9003	0.9251	0.9500	0.9749	1.0000

Hrad:

0.0170	0.0296	0.0366	0.0408	0.0538
0.0665	0.0724	0.0748	0.0840	0.1002
0.1139	0.1342	0.1541	0.1764	0.1985
0.2187	0.2408	0.2621	0.2751	0.2992
0.3233	0.3473	0.3712	0.3952	0.4190
0.4427	0.4664	0.4903	0.5144	0.5385
0.5625	0.5865	0.6104	0.6343	0.6582
0.6820	0.7058	0.7295	0.7531	0.7765
0.7999	0.8233	0.8467	0.8700	0.8933
0.9165	0.9397	0.9629	0.9838	1.0000

Width:

0.0169	0.0334	0.0682	0.1170	0.1735
0.2323	0.3612	0.5025	0.6311	0.6923
0.7338	0.7777	0.8124	0.8389	0.8583
0.8805	0.8926	0.9093	0.9141	0.9174
0.9207	0.9239	0.9272	0.9302	0.9337
0.9373	0.9410	0.9438	0.9460	0.9481
0.9502	0.9523	0.9544	0.9565	0.9585
0.9606	0.9626	0.9646	0.9669	0.9692
0.9715	0.9738	0.9759	0.9781	0.9803
0.9825	0.9847	0.9869	0.9912	1.0000

Transect C60

Area:

0.0001	0.0005	0.0012	0.0020	0.0031
0.0042	0.0054	0.0067	0.0081	0.0096
0.0111	0.0127	0.0145	0.0163	0.0183
0.0211	0.0258	0.0322	0.0397	0.0478
0.0568	0.0670	0.0784	0.0915	0.1060
0.1221	0.1403	0.1610	0.1849	0.2106
0.2385	0.2675	0.2973	0.3274	0.3579
0.3896	0.4222	0.4555	0.4904	0.5287
0.5688	0.6115	0.6557	0.7018	0.7496
0.7986	0.8480	0.8978	0.9482	1.0000

Hrad:

0.0263	0.0526	0.0789	0.1103	0.1498
0.1889	0.2267	0.2631	0.2982	0.3324
0.3657	0.3982	0.4271	0.4550	0.4814
0.4848	0.4578	0.4193	0.4050	0.4036
0.4159	0.4307	0.4451	0.4528	0.4617
0.4670	0.4771	0.4689	0.4164	0.4381
0.4509	0.4815	0.5263	0.5739	0.6179
0.6551	0.6839	0.7328	0.7787	0.8187
0.8563	0.8892	0.9223	0.8768	0.8948
0.8804	0.9262	0.9689	1.0108	1.0000

Width:

0.0049	0.0098	0.0147	0.0186	0.0205
0.0222	0.0239	0.0255	0.0271	0.0288
0.0304	0.0320	0.0339	0.0359	0.0421
0.0745	0.0995	0.1394	0.1462	0.1637
0.1827	0.2012	0.2315	0.2652	0.2890
0.3226	0.3663	0.4292	0.4700	0.5120
0.5389	0.5648	0.5703	0.5760	0.5880
0.6163	0.6246	0.6424	0.7020	0.7476
0.7918	0.8276	0.8564	0.8891	0.9234
0.9376	0.9448	0.9543	0.9672	1.0000

Transect C62

Area:

0.0002	0.0009	0.0021	0.0039	0.0061
0.0087	0.0115	0.0153	0.0199	0.0247
0.0295	0.0345	0.0396	0.0448	0.0501
0.0555	0.0610	0.0668	0.0733	0.0807
0.0886	0.0974	0.1073	0.1182	0.1302
0.1434	0.1575	0.1721	0.1880	0.2058
0.2274	0.2534	0.2832	0.3153	0.3487
0.3830	0.4186	0.4603	0.5027	0.5453
0.5882	0.6314	0.6750	0.7191	0.7639
0.8096	0.8561	0.9032	0.9510	1.0000

Hrad:

0.0248	0.0495	0.0736	0.0925	0.1266
0.1630	0.1926	0.2080	0.2102	0.2541
0.2972	0.3394	0.3808	0.4218	0.4640
0.5007	0.5326	0.5640	0.5085	0.5224
0.5406	0.5506	0.5597	0.5630	0.5648
0.5650	0.5915	0.6208	0.6458	0.6640
0.6497	0.4798	0.5052	0.4861	0.5220
0.5527	0.5834	0.5408	0.5873	0.6329

0.6781 0.7228 0.7655 0.8044 0.8398
0.8754 0.9139 0.9532 0.9901 1.0000
Width:
0.0092 0.0184 0.0279 0.0411 0.0476
0.0520 0.0647 0.0886 0.0929 0.0951
0.0973 0.0995 0.1017 0.1039 0.1055
0.1083 0.1120 0.1157 0.1410 0.1512
0.1619 0.1860 0.2061 0.2265 0.2477
0.2709 0.2831 0.3028 0.3260 0.3909
0.4739 0.5457 0.6230 0.6485 0.6713
0.6923 0.7136 0.8373 0.8418 0.8471
0.8527 0.8587 0.8666 0.8793 0.8967
0.9141 0.9273 0.9388 0.9527 1.0000

Transect C64
Area:
0.0009 0.0021 0.0036 0.0056 0.0090
0.0137 0.0201 0.0278 0.0359 0.0442
0.0527 0.0615 0.0706 0.0799 0.0894
0.0992 0.1094 0.1217 0.1363 0.1522
0.1695 0.1879 0.2070 0.2266 0.2468
0.2679 0.2903 0.3136 0.3375 0.3616
0.3859 0.4105 0.4354 0.4614 0.4886
0.5180 0.5482 0.5792 0.6105 0.6423
0.6746 0.7076 0.7417 0.7763 0.8114
0.8476 0.8850 0.9230 0.9613 1.0000
Hrad:
0.0300 0.0579 0.0828 0.0869 0.1009
0.1148 0.1102 0.1335 0.1669 0.1994
0.2310 0.2601 0.2910 0.3222 0.3513
0.3799 0.4001 0.4093 0.4164 0.4305
0.4458 0.4601 0.4761 0.4975 0.5178
0.5381 0.5210 0.5445 0.5319 0.5654
0.5984 0.6311 0.6615 0.6914 0.6794
0.7099 0.7399 0.7694 0.7969 0.8228
0.8469 0.8680 0.8946 0.9219 0.9476
0.8926 0.9037 0.9376 0.9706 1.0000
Width:
0.0280 0.0352 0.0424 0.0736 0.1004
0.1416 0.1873 0.2029 0.2091 0.2155
0.2219 0.2300 0.2359 0.2412 0.2476
0.2540 0.2781 0.3542 0.3894 0.4237
0.4615 0.4817 0.4967 0.5096 0.5319
0.5478 0.5916 0.6052 0.6166 0.6214
0.6266 0.6318 0.6512 0.6822 0.7322
0.7656 0.7885 0.7989 0.8095 0.8222
0.8367 0.8567 0.8824 0.8942 0.9125
0.9419 0.9705 0.9778 0.9868 1.0000

Transect C65
Area:
0.0004 0.0011 0.0019 0.0028 0.0039
0.0050 0.0063 0.0078 0.0096 0.0116
0.0140 0.0168 0.0201 0.0238 0.0282
0.0327 0.0377 0.0438 0.0510 0.0588
0.0673 0.0767 0.0957 0.1229 0.1514
0.1810 0.2116 0.2427 0.2741 0.3062

0.3391 0.3722 0.4054 0.4388 0.4723
0.5059 0.5397 0.5737 0.6080 0.6424
0.6771 0.7120 0.7470 0.7823 0.8177
0.8533 0.8891 0.9254 0.9623 1.0000

Hrad:

0.0263 0.0561 0.0832 0.1082 0.1324
0.1571 0.1819 0.2039 0.2201 0.2376
0.2535 0.2649 0.2657 0.2421 0.2674
0.2915 0.3139 0.3275 0.3373 0.3478
0.3595 0.3617 0.3156 0.2934 0.2044
0.2387 0.2657 0.3023 0.3374 0.3680
0.4031 0.4400 0.4764 0.5128 0.5490
0.5848 0.6203 0.6547 0.6884 0.7230
0.7574 0.7918 0.8261 0.8603 0.8936
0.9265 0.9576 0.9818 1.0051 1.0000

Width:

0.0153 0.0191 0.0225 0.0259 0.0292
0.0321 0.0348 0.0422 0.0506 0.0564
0.0697 0.0790 0.0911 0.1060 0.1161
0.1223 0.1405 0.1775 0.1955 0.2112
0.2312 0.2903 0.6858 0.7287 0.7564
0.7847 0.8055 0.8119 0.8233 0.8515
0.8615 0.8635 0.8669 0.8703 0.8738
0.8780 0.8824 0.8886 0.8957 0.9006
0.9056 0.9103 0.9150 0.9196 0.9250
0.9306 0.9378 0.9531 0.9691 1.0000

Transect C66

Area:

0.0004 0.0016 0.0038 0.0069 0.0106
0.0146 0.0188 0.0233 0.0281 0.0334
0.0395 0.0461 0.0532 0.0621 0.0722
0.0826 0.0934 0.1047 0.1165 0.1285
0.1408 0.1534 0.1664 0.1802 0.1944
0.2092 0.2251 0.2415 0.2582 0.2754
0.2932 0.3126 0.3340 0.3568 0.3825
0.4137 0.4493 0.4866 0.5249 0.5639
0.6037 0.6441 0.6854 0.7280 0.7716
0.8159 0.8610 0.9064 0.9524 1.0000

Hrad:

0.0219 0.0497 0.0583 0.0872 0.1206
0.1555 0.1902 0.2210 0.2427 0.2561
0.2717 0.2993 0.3220 0.3183 0.3081
0.3414 0.3685 0.3973 0.4298 0.4628
0.4960 0.5259 0.5361 0.5638 0.5884
0.5991 0.6082 0.6388 0.6689 0.6969
0.6875 0.7077 0.7303 0.7540 0.7667
0.6778 0.6032 0.6093 0.6432 0.6782
0.7131 0.7448 0.7738 0.8051 0.8386
0.8723 0.9076 0.9426 0.9768 1.0000

Width:

0.0180 0.0283 0.0581 0.0714 0.0790
0.0843 0.0888 0.0946 0.1040 0.1172
0.1307 0.1384 0.1605 0.1996 0.2103
0.2172 0.2277 0.2368 0.2433 0.2493
0.2549 0.2619 0.2787 0.2870 0.2967
0.3136 0.3324 0.3395 0.3467 0.3548

0.3830 0.4178 0.4543 0.4848 0.5789
0.6996 0.7506 0.7767 0.7938 0.8078
0.8207 0.8364 0.8582 0.8864 0.9012
0.9195 0.9273 0.9347 0.9589 1.0000

Transect C67
Area:
0.0004 0.0012 0.0023 0.0038 0.0057
0.0079 0.0114 0.0161 0.0222 0.0307
0.0404 0.0525 0.0672 0.0836 0.1012
0.1197 0.1393 0.1607 0.1832 0.2062
0.2294 0.2529 0.2765 0.3002 0.3241
0.3479 0.3719 0.3960 0.4203 0.4450
0.4699 0.4950 0.5202 0.5455 0.5711
0.5969 0.6227 0.6489 0.6760 0.7034
0.7310 0.7589 0.7871 0.8156 0.8446
0.8743 0.9047 0.9360 0.9679 1.0000
Hrad:
0.0184 0.0394 0.0577 0.0748 0.0924
0.1062 0.0983 0.1028 0.1198 0.1177
0.1423 0.1590 0.1471 0.1648 0.1881
0.2070 0.2238 0.2329 0.2591 0.2891
0.3180 0.3474 0.3784 0.4092 0.4402
0.4712 0.5016 0.5303 0.5553 0.5807
0.6091 0.6380 0.6667 0.6945 0.7199
0.7485 0.7794 0.8098 0.8387 0.8673
0.8952 0.9227 0.9501 0.9747 0.9984
1.0219 1.0197 1.0370 1.0602 1.0000
Width:
0.0204 0.0304 0.0407 0.0513 0.0612
0.0911 0.1229 0.1572 0.2262 0.2842
0.3242 0.4222 0.4856 0.5264 0.5568
0.5872 0.6273 0.6906 0.7077 0.7139
0.7222 0.7287 0.7316 0.7345 0.7368
0.7392 0.7421 0.7474 0.7577 0.7671
0.7723 0.7767 0.7810 0.7863 0.7941
0.7982 0.7998 0.8213 0.8432 0.8497
0.8585 0.8671 0.8734 0.8894 0.9033
0.9314 0.9474 0.9789 0.9877 1.0000

Transect C68
Area:
0.0012 0.0031 0.0055 0.0083 0.0115
0.0149 0.0187 0.0226 0.0268 0.0314
0.0364 0.0420 0.0484 0.0556 0.0632
0.0714 0.0802 0.0896 0.0997 0.1111
0.1256 0.1409 0.1568 0.1732 0.1901
0.2076 0.2264 0.2461 0.2667 0.2882
0.3106 0.3341 0.3589 0.3848 0.4122
0.4420 0.4729 0.5048 0.5376 0.5718
0.6072 0.6458 0.6886 0.7320 0.7756
0.8195 0.8637 0.9085 0.9539 1.0000
Hrad:
0.0349 0.0657 0.0959 0.1275 0.1601
0.1925 0.2257 0.2582 0.2819 0.3040
0.3198 0.3282 0.3261 0.3490 0.3662
0.3929 0.4093 0.4245 0.4409 0.4412

0.3855 0.4175 0.4497 0.4828 0.5174
0.5492 0.5781 0.6069 0.6331 0.6579
0.6837 0.7053 0.7260 0.7449 0.7401
0.6709 0.6961 0.7264 0.7614 0.7943
0.8244 0.8454 0.7367 0.7800 0.8219
0.8620 0.9020 0.9321 0.9674 1.0000
Width:
0.0336 0.0462 0.0565 0.0647 0.0712
0.0770 0.0820 0.0869 0.0944 0.1026
0.1130 0.1271 0.1474 0.1580 0.1713
0.1804 0.1943 0.2094 0.2244 0.2767
0.3233 0.3350 0.3461 0.3561 0.3646
0.3924 0.4126 0.4303 0.4509 0.4709
0.4904 0.5176 0.5437 0.5683 0.6090
0.6538 0.6743 0.6898 0.7154 0.7461
0.7819 0.8720 0.9278 0.9314 0.9366
0.9436 0.9504 0.9675 0.9787 1.0000

Transect C69
Area:
0.0008 0.0026 0.0060 0.0105 0.0155
0.0210 0.0270 0.0334 0.0402 0.0476
0.0555 0.0640 0.0732 0.0830 0.0934
0.1044 0.1161 0.1289 0.1425 0.1568
0.1719 0.1882 0.2048 0.2217 0.2390
0.2566 0.2745 0.2926 0.3111 0.3298
0.3488 0.3682 0.3880 0.4086 0.4329
0.4622 0.4950 0.5299 0.5672 0.6048
0.6426 0.6808 0.7194 0.7582 0.7974
0.8371 0.8771 0.9174 0.9581 1.0000
Hrad:
0.0239 0.0529 0.0728 0.1023 0.1330
0.1630 0.1936 0.2232 0.2507 0.2759
0.2978 0.3213 0.3383 0.3595 0.3812
0.4010 0.4125 0.4227 0.4424 0.4622
0.4809 0.4962 0.5297 0.5616 0.5944
0.6269 0.6598 0.6923 0.7254 0.7579
0.7881 0.8152 0.8410 0.8636 0.8209
0.6523 0.6817 0.7046 0.6651 0.7049
0.7443 0.7836 0.8227 0.8615 0.8999
0.9380 0.9760 1.0137 1.0498 1.0000
Width:
0.0330 0.0576 0.0951 0.1096 0.1218
0.1332 0.1431 0.1530 0.1639 0.1761
0.1905 0.2034 0.2202 0.2338 0.2473
0.2622 0.2826 0.3057 0.3228 0.3401
0.3584 0.3801 0.3874 0.3956 0.4029
0.4101 0.4168 0.4236 0.4297 0.4360
0.4435 0.4526 0.4623 0.5102 0.6023
0.7136 0.7876 0.8521 0.8650 0.8723
0.8798 0.8869 0.8939 0.9026 0.9125
0.9212 0.9289 0.9365 0.9467 1.0000

Transect C7
Area:
0.0001 0.0005 0.0011 0.0018 0.0025
0.0033 0.0042 0.0051 0.0061 0.0072

0.0083 0.0096 0.0108 0.0122 0.0136
0.0151 0.0170 0.0196 0.0229 0.0266
0.0304 0.0349 0.0406 0.0487 0.0589
0.0697 0.0814 0.0950 0.1114 0.1321
0.1575 0.1875 0.2195 0.2535 0.2896
0.3276 0.3677 0.4093 0.4522 0.4974
0.5440 0.5913 0.6396 0.6891 0.7392
0.7902 0.8420 0.8940 0.9465 1.0000

Hrad:

0.0270 0.0541 0.0935 0.1356 0.1750
0.2123 0.2481 0.2825 0.3160 0.3486
0.3806 0.4119 0.4429 0.4734 0.5035
0.5273 0.5376 0.5315 0.5217 0.5221
0.5301 0.5362 0.5311 0.5054 0.4828
0.4803 0.4855 0.4839 0.4044 0.4269
0.4408 0.4561 0.4778 0.4979 0.5177
0.4794 0.5057 0.5355 0.5805 0.5968
0.6466 0.6958 0.7081 0.7489 0.7939
0.8296 0.8791 0.9283 0.9770 1.0000

Width:

0.0047 0.0093 0.0117 0.0129 0.0142
0.0155 0.0167 0.0180 0.0193 0.0205
0.0218 0.0231 0.0243 0.0256 0.0269
0.0285 0.0417 0.0548 0.0651 0.0695
0.0738 0.0941 0.1178 0.1766 0.1935
0.2054 0.2318 0.2743 0.3374 0.4262
0.5219 0.5726 0.6038 0.6506 0.6806
0.7214 0.7539 0.7799 0.8176 0.8555
0.8660 0.8802 0.9031 0.9201 0.9311
0.9525 0.9578 0.9630 0.9786 1.0000

Transect C70

Area:

0.0002 0.0009 0.0019 0.0033 0.0053
0.0076 0.0102 0.0131 0.0170 0.0242
0.0333 0.0452 0.0588 0.0747 0.0928
0.1125 0.1326 0.1532 0.1740 0.1949
0.2160 0.2379 0.2604 0.2832 0.3061
0.3292 0.3524 0.3759 0.3995 0.4233
0.4472 0.4713 0.4956 0.5201 0.5447
0.5696 0.5949 0.6204 0.6460 0.6719
0.6979 0.7255 0.7559 0.7876 0.8203
0.8540 0.8884 0.9238 0.9612 1.0000

Hrad:

0.0208 0.0427 0.0644 0.0784 0.0987
0.1228 0.1504 0.1768 0.1737 0.1373
0.1584 0.1570 0.1728 0.1782 0.2102
0.2342 0.2692 0.2997 0.3380 0.3761
0.4127 0.4295 0.4654 0.5017 0.5381
0.5746 0.6100 0.6436 0.6805 0.7172
0.7520 0.7861 0.8193 0.8544 0.8885
0.9152 0.9447 0.9783 1.0107 1.0436
1.0761 1.0734 1.0932 1.1140 1.1360
1.1496 1.1681 1.1885 1.2015 1.0000

Width:

0.0112 0.0206 0.0294 0.0424 0.0536
0.0622 0.0684 0.0745 0.1556 0.2011

0.2558 0.3188 0.3576 0.4254 0.4758
0.4936 0.5051 0.5136 0.5169 0.5203
0.5252 0.5559 0.5614 0.5661 0.5704
0.5742 0.5789 0.5852 0.5881 0.5911
0.5954 0.6002 0.6054 0.6091 0.6133
0.6225 0.6297 0.6340 0.6389 0.6434
0.6511 0.7130 0.7785 0.7958 0.8217
0.8454 0.8607 0.9010 0.9397 1.0000

Transect C71
Area:
0.0002 0.0008 0.0016 0.0028 0.0045
0.0066 0.0089 0.0117 0.0162 0.0232
0.0322 0.0446 0.0590 0.0747 0.0916
0.1112 0.1315 0.1519 0.1724 0.1932
0.2148 0.2370 0.2596 0.2823 0.3052
0.3283 0.3515 0.3749 0.3985 0.4223
0.4462 0.4703 0.4948 0.5194 0.5443
0.5693 0.5946 0.6201 0.6457 0.6716
0.6979 0.7262 0.7569 0.7885 0.8216
0.8554 0.8897 0.9246 0.9616 1.0000
Hrad:
0.0195 0.0410 0.0529 0.0660 0.0833
0.1041 0.1165 0.1392 0.1385 0.1122
0.1133 0.1307 0.1350 0.1660 0.1936
0.1901 0.2237 0.2567 0.2893 0.3205
0.3412 0.3651 0.3960 0.4275 0.4588
0.4898 0.5197 0.5501 0.5807 0.6114
0.6416 0.6696 0.6937 0.7230 0.7519
0.7800 0.8072 0.8355 0.8640 0.8921
0.9020 0.9206 0.9409 0.9556 0.9694
0.9881 1.0080 1.0223 1.0366 1.0000
Width:
0.0105 0.0163 0.0257 0.0373 0.0472
0.0548 0.0666 0.0759 0.1543 0.1917
0.2687 0.3334 0.3881 0.4010 0.4618
0.5084 0.5109 0.5141 0.5177 0.5321
0.5466 0.5635 0.5689 0.5730 0.5771
0.5812 0.5865 0.5908 0.5948 0.5985
0.6024 0.6083 0.6176 0.6220 0.6266
0.6317 0.6374 0.6420 0.6464 0.6510
0.6907 0.7359 0.7878 0.8039 0.8433
0.8552 0.8641 0.9016 0.9449 1.0000

Transect C73
Area:
0.0000 0.0001 0.0003 0.0005 0.0008
0.0011 0.0016 0.0020 0.0026 0.0046
0.0093 0.0170 0.0265 0.0377 0.0498
0.0633 0.0779 0.0930 0.1095 0.1275
0.1467 0.1680 0.1914 0.2165 0.2426
0.2691 0.2966 0.3245 0.3528 0.3813
0.4099 0.4387 0.4676 0.4969 0.5264
0.5562 0.5862 0.6162 0.6464 0.6769
0.7081 0.7395 0.7713 0.8035 0.8360
0.8686 0.9013 0.9341 0.9670 1.0000
Hrad:

0.0166 0.0332 0.0498 0.0664 0.0830
0.0995 0.1182 0.1451 0.1579 0.1230
0.0916 0.0922 0.1072 0.1248 0.1502
0.1677 0.1816 0.2073 0.2343 0.2594
0.2839 0.3057 0.3182 0.3372 0.3513
0.3760 0.3943 0.4209 0.4131 0.4439
0.4752 0.5071 0.5388 0.5699 0.5889
0.6194 0.6505 0.6819 0.7098 0.7399
0.7523 0.7822 0.8125 0.8429 0.8537
0.8852 0.9167 0.9472 0.9767 1.0000

Width:

0.0019 0.0038 0.0057 0.0076 0.0095
0.0114 0.0131 0.0137 0.0324 0.0899
0.1997 0.2582 0.3194 0.3485 0.3828
0.4278 0.4438 0.4641 0.5205 0.5590
0.6000 0.6810 0.7221 0.7759 0.7920
0.8063 0.8340 0.8456 0.8540 0.8589
0.8626 0.8650 0.8753 0.8833 0.8939
0.8980 0.9010 0.9037 0.9106 0.9292
0.9414 0.9454 0.9631 0.9730 0.9793
0.9812 0.9832 0.9862 0.9900 1.0000

Transect C74

Area:

0.0002 0.0008 0.0016 0.0025 0.0036
0.0048 0.0063 0.0078 0.0094 0.0112
0.0130 0.0150 0.0171 0.0193 0.0227
0.0281 0.0364 0.0463 0.0585 0.0731
0.0888 0.1056 0.1236 0.1427 0.1635
0.1860 0.2101 0.2362 0.2634 0.2930
0.3236 0.3549 0.3867 0.4197 0.4533
0.4874 0.5221 0.5570 0.5921 0.6273
0.6628 0.6985 0.7347 0.7712 0.8084
0.8460 0.8837 0.9218 0.9606 1.0000

Hrad:

0.0199 0.0489 0.0749 0.0997 0.1225
0.1421 0.1668 0.1938 0.2199 0.2452
0.2700 0.2941 0.3178 0.3203 0.2217
0.1539 0.1716 0.1711 0.1670 0.1912
0.2177 0.2404 0.2654 0.2856 0.2992
0.3137 0.3418 0.3519 0.3769 0.3851
0.4139 0.4484 0.4709 0.4996 0.5329
0.5603 0.5954 0.6317 0.6681 0.7042
0.7383 0.7699 0.8022 0.8286 0.8553
0.8902 0.9257 0.9488 0.9704 1.0000

Width:

0.0123 0.0171 0.0213 0.0252 0.0292
0.0340 0.0375 0.0401 0.0428 0.0454
0.0481 0.0507 0.0534 0.0599 0.1025
0.1918 0.2278 0.2715 0.3518 0.3838
0.4095 0.4411 0.4676 0.5020 0.5491
0.5959 0.6176 0.6745 0.7024 0.7644
0.7855 0.7949 0.8245 0.8433 0.8537
0.8726 0.8795 0.8840 0.8883 0.8927
0.8993 0.9088 0.9171 0.9318 0.9461
0.9510 0.9551 0.9719 0.9901 1.0000

Transect C75

Area:

0.0001	0.0003	0.0006	0.0010	0.0016
0.0022	0.0029	0.0037	0.0046	0.0055
0.0065	0.0076	0.0096	0.0140	0.0209
0.0293	0.0385	0.0502	0.0634	0.0774
0.0920	0.1073	0.1239	0.1431	0.1641
0.1872	0.2120	0.2388	0.2671	0.2979
0.3304	0.3634	0.3967	0.4302	0.4639
0.4980	0.5326	0.5677	0.6030	0.6384
0.6740	0.7097	0.7455	0.7814	0.8175
0.8537	0.8901	0.9265	0.9631	1.0000

Hrad:

0.0184	0.0368	0.0552	0.0736	0.0964
0.1221	0.1466	0.1673	0.1862	0.2051
0.2238	0.2270	0.1747	0.1463	0.0970
0.1225	0.1464	0.1476	0.1723	0.2019
0.2295	0.2542	0.2751	0.2878	0.2832
0.2893	0.3090	0.3239	0.3378	0.3487
0.3743	0.4089	0.4426	0.4769	0.5098
0.5397	0.5692	0.6000	0.6341	0.6688
0.7035	0.7381	0.7726	0.8069	0.8404
0.8740	0.9077	0.9423	0.9766	1.0000

Width:

0.0035	0.0069	0.0104	0.0138	0.0164
0.0181	0.0197	0.0218	0.0241	0.0264
0.0286	0.0332	0.0909	0.1447	0.2160
0.2398	0.2726	0.3416	0.3693	0.3846
0.4024	0.4239	0.4814	0.5529	0.5837
0.6500	0.6927	0.7405	0.7945	0.8584
0.8869	0.8926	0.8998	0.9054	0.9131
0.9260	0.9387	0.9489	0.9535	0.9569
0.9602	0.9634	0.9665	0.9698	0.9739
0.9777	0.9812	0.9837	0.9894	1.0000

Transect C76

Area:

0.0001	0.0003	0.0006	0.0011	0.0017
0.0025	0.0033	0.0044	0.0055	0.0068
0.0083	0.0098	0.0113	0.0130	0.0146
0.0164	0.0181	0.0200	0.0226	0.0287
0.0363	0.0446	0.0538	0.0641	0.0749
0.0860	0.0972	0.1088	0.1221	0.1365
0.1519	0.1693	0.1901	0.2158	0.2453
0.2781	0.3157	0.3572	0.4008	0.4470
0.4951	0.5456	0.5978	0.6518	0.7072
0.7636	0.8214	0.8803	0.9401	1.0000

Hrad:

0.0286	0.0572	0.0858	0.1144	0.1430
0.1716	0.2002	0.2288	0.2574	0.2860
0.3190	0.3639	0.4077	0.4504	0.4922
0.5332	0.5734	0.6122	0.6223	0.5518
0.5100	0.4935	0.4860	0.4888	0.5074
0.5374	0.5718	0.6073	0.6323	0.6553
0.6780	0.6908	0.6283	0.6486	0.6632
0.6807	0.6900	0.7035	0.7256	0.7435
0.7687	0.7915	0.8142	0.7433	0.7888

0.8216 0.8578 0.8986 0.9492 1.0000

Width:

0.0023 0.0046 0.0068 0.0091 0.0114
0.0137 0.0159 0.0182 0.0205 0.0228
0.0247 0.0256 0.0265 0.0274 0.0283
0.0292 0.0301 0.0336 0.0630 0.1191
0.1327 0.1453 0.1631 0.1766 0.1827
0.1851 0.1889 0.2050 0.2310 0.2476
0.2706 0.3117 0.3872 0.4557 0.5215
0.5812 0.6661 0.7091 0.7491 0.7835
0.8224 0.8552 0.8840 0.9133 0.9313
0.9512 0.9724 0.9930 0.9965 1.0000

Transect C77

Area:

0.0001 0.0003 0.0006 0.0011 0.0016
0.0022 0.0028 0.0036 0.0044 0.0052
0.0062 0.0071 0.0082 0.0093 0.0105
0.0118 0.0131 0.0146 0.0167 0.0192
0.0221 0.0254 0.0290 0.0345 0.0415
0.0497 0.0591 0.0698 0.0820 0.0950
0.1089 0.1238 0.1402 0.1582 0.1776
0.2010 0.2283 0.2594 0.2980 0.3558
0.4177 0.4805 0.5442 0.6082 0.6725
0.7375 0.8029 0.8684 0.9341 1.0000

Hrad:

0.0328 0.0656 0.0984 0.1397 0.1848
0.2273 0.2678 0.3070 0.3456 0.3833
0.4204 0.4568 0.4929 0.5285 0.5638
0.5987 0.6320 0.6522 0.6553 0.6553
0.6559 0.6586 0.6597 0.6279 0.5878
0.5664 0.5633 0.5489 0.5450 0.5665
0.5923 0.5970 0.5634 0.5906 0.6406
0.6762 0.6535 0.6141 0.6094 0.6049
0.6231 0.6366 0.6714 0.7207 0.7719
0.7451 0.8091 0.8729 0.9365 1.0000

Width:

0.0020 0.0040 0.0061 0.0075 0.0085
0.0095 0.0105 0.0116 0.0125 0.0135
0.0145 0.0155 0.0165 0.0175 0.0185
0.0194 0.0205 0.0288 0.0348 0.0407
0.0464 0.0521 0.0662 0.0969 0.1134
0.1357 0.1495 0.1782 0.1920 0.2020
0.2169 0.2371 0.2608 0.2824 0.3157
0.3826 0.4420 0.4895 0.7415 0.9311
0.9482 0.9579 0.9679 0.9727 0.9785
0.9898 0.9922 0.9948 0.9974 1.0000

Transect C78

Area:

0.0001 0.0004 0.0010 0.0018 0.0027
0.0036 0.0047 0.0061 0.0084 0.0114
0.0148 0.0185 0.0227 0.0276 0.0333
0.0399 0.0473 0.0558 0.0650 0.0749
0.0859 0.0980 0.1118 0.1270 0.1443
0.1635 0.1844 0.2073 0.2316 0.2587
0.2871 0.3168 0.3477 0.3795 0.4130

0.4484 0.4853 0.5233 0.5620 0.6010
0.6401 0.6794 0.7188 0.7584 0.7981
0.8381 0.8783 0.9187 0.9592 1.0000

Hrad:

0.0205 0.0410 0.0616 0.0821 0.1183
0.1531 0.1853 0.2030 0.2003 0.2064
0.2222 0.2413 0.2595 0.2742 0.2862
0.2963 0.3063 0.3072 0.3240 0.3163
0.3307 0.3517 0.3743 0.3948 0.4079
0.4242 0.4361 0.4481 0.4587 0.4361
0.4619 0.4865 0.5127 0.5383 0.5610
0.5677 0.5864 0.5830 0.6007 0.6386
0.6764 0.7141 0.7517 0.7882 0.8244
0.8605 0.8965 0.9309 0.9693 1.0000

Width:

0.0054 0.0108 0.0162 0.0217 0.0227
0.0238 0.0285 0.0407 0.0716 0.0784
0.0851 0.0953 0.1117 0.1301 0.1485
0.1708 0.1935 0.2166 0.2305 0.2559
0.2766 0.3128 0.3531 0.3935 0.4506
0.4873 0.5403 0.5755 0.6217 0.6818
0.7076 0.7398 0.7654 0.7899 0.8403
0.8819 0.9177 0.9369 0.9486 0.9523
0.9559 0.9596 0.9634 0.9682 0.9733
0.9783 0.9834 0.9870 0.9897 1.0000

Transect C8

Area:

0.0002 0.0009 0.0019 0.0030 0.0043
0.0057 0.0072 0.0087 0.0102 0.0118
0.0134 0.0151 0.0168 0.0185 0.0203
0.0221 0.0240 0.0259 0.0315 0.0401
0.0502 0.0625 0.0769 0.0924 0.1089
0.1269 0.1456 0.1648 0.1856 0.2128
0.2482 0.2853 0.3234 0.3616 0.3999
0.4383 0.4769 0.5156 0.5545 0.5936
0.6330 0.6727 0.7125 0.7526 0.7929
0.8336 0.8745 0.9158 0.9575 1.0000

Hrad:

0.0220 0.0440 0.0749 0.1093 0.1415
0.1728 0.2086 0.2429 0.2758 0.3076
0.3383 0.3680 0.3970 0.4257 0.4536
0.4809 0.5075 0.5314 0.4756 0.4199
0.3837 0.3562 0.3499 0.3554 0.3610
0.3732 0.3951 0.4181 0.4352 0.3924
0.3994 0.4127 0.4101 0.4447 0.4807
0.5175 0.5549 0.5914 0.6273 0.6637
0.7002 0.7370 0.7750 0.8125 0.8497
0.8865 0.9219 0.9565 0.9871 1.0000

Width:

0.0099 0.0199 0.0254 0.0281 0.0307
0.0331 0.0341 0.0351 0.0360 0.0370
0.0379 0.0389 0.0398 0.0407 0.0416
0.0425 0.0433 0.0626 0.1832 0.2085
0.2567 0.3201 0.3461 0.3671 0.3996
0.4247 0.4361 0.4495 0.5377 0.7972
0.8385 0.8762 0.8801 0.8828 0.8856

```
            0.8883     0.8914     0.8957     0.9009     0.9061
            0.9118     0.9175     0.9224     0.9280     0.9342
            0.9407     0.9487     0.9574     0.9705     1.0000

Transect C9
Area:
            0.0001     0.0005     0.0009     0.0015     0.0022
            0.0029     0.0038     0.0047     0.0056     0.0067
            0.0078     0.0091     0.0131     0.0192     0.0266
            0.0382     0.0567     0.0781     0.1009     0.1245
            0.1487     0.1739     0.1999     0.2263     0.2540
            0.2819     0.3100     0.3384     0.3676     0.3971
            0.4267     0.4564     0.4862     0.5161     0.5460
            0.5759     0.6059     0.6359     0.6660     0.6961
            0.7263     0.7564     0.7867     0.8169     0.8472
            0.8776     0.9080     0.9384     0.9690     1.0000
Hrad:
            0.0153     0.0359     0.0563     0.0749     0.0925
            0.1107     0.1308     0.1501     0.1687     0.1868
            0.2010     0.2069     0.1702     0.1458     0.1295
            0.0862     0.0933     0.1092     0.1331     0.1606
            0.1842     0.2087     0.2344     0.2591     0.2805
            0.3092     0.3383     0.3663     0.3846     0.4133
            0.4422     0.4711     0.5012     0.5312     0.5612
            0.5911     0.6210     0.6508     0.6806     0.7104
            0.7401     0.7699     0.7996     0.8292     0.8588
            0.8884     0.9178     0.9454     0.9730     1.0000
Width:
            0.0084     0.0132     0.0164     0.0195     0.0227
            0.0256     0.0277     0.0299     0.0321     0.0343
            0.0371     0.0767     0.1592     0.2176     0.2620
            0.5305     0.6616     0.7016     0.7440     0.7611
            0.7928     0.8183     0.8371     0.8577     0.8891
            0.8953     0.9000     0.9201     0.9384     0.9434
            0.9474     0.9512     0.9525     0.9539     0.9552
            0.9565     0.9579     0.9592     0.9606     0.9618
            0.9631     0.9644     0.9656     0.9669     0.9682
            0.9694     0.9708     0.9740     0.9772     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 .............. 04/13/2025 00:00:00
```

```
Antecedent Dry Days ...... 0.0
Report Time Step ......... 00:01:00
Wet Time Step ............ 00:01:00
Dry Time Step ............ 00:05:00
Routing Time Step ........ 1.00 sec
Variable Time Step ....... YES
Maximum Trials ........... 8
Number of Threads ........ 6
Head Tolerance ........... 0.001500 m
```

Runoff Quantity Continuity	Volume hectare-m	Depth mm
Total Precipitation	0.626	115.602
Evaporation Loss	0.000	0.000
Infiltration Loss	0.011	2.060
Surface Runoff	0.611	112.787
Final Storage	0.004	0.788
Continuity Error (%)	-0.028	

Flow Routing Continuity	Volume hectare-m	Volume 10^6 ltr
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	0.611	6.110
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	0.562	5.624
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.146	1.457
Final Stored Volume	0.194	1.945
Continuity Error (%)	-0.026	

```
*************************
Highest Continuity Errors
*************************
Node Proposed1003Link (4.59%)
```

```
***************************
Time-Step Critical Elements
***************************
None
```

```
*******************************
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           :     0.61 sec
  Average Time Step           :     1.00 sec
  Maximum Time Step           :     1.00 sec
  % of Time in Steady State   :     0.00
  Average Iterations per Step :     2.00
  % of Steps Not Converging   :     0.00
  Time Step Frequencies       :
      1.000 -  0.871 sec      :    99.15 %
      0.871 -  0.758 sec      :     0.27 %
      0.758 -  0.660 sec      :     0.25 %
      0.660 -  0.574 sec      :     0.33 %
      0.574 -  0.500 sec      :     0.00 %


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

  ---------------------------------------------------------------------------------------
-----------------------------------------------
                             Total      Total      Total      Total     Imperv
Perv      Total       Total     Peak  Runoff
                          Precip      Runon       Evap      Infil     Runoff
Runoff     Runoff      Runoff   Runoff   Coeff
  Subcatchment                mm         mm         mm         mm         mm
mm         mm    10^6 ltr      CMS
  ---------------------------------------------------------------------------------------
-----------------------------------------------
  PAD1102Link              115.60       0.00       0.00       0.00     114.47
0.00     114.47        0.58     0.20   0.990
  PAD1103Link              115.60       0.00       0.00       0.00     114.47
0.00     114.47        0.71     0.24   0.990
  PAD1104Link              115.60       0.00       0.00       0.00     114.47
0.00     114.47        0.27     0.09   0.990
  PAD613Link_1             115.60       0.00       0.00       0.00     114.52
0.00     114.52        0.12     0.04   0.991
  PAD613Link_2             115.60       0.00       0.00       0.00     114.47
0.00     114.47        0.50     0.17   0.990
  PAD614Link_1             115.60       0.00       0.00       0.00     114.47
0.00     114.47        0.44     0.15   0.990
  PAD614Link_2             115.60       0.00       0.00       0.00     114.51
0.00     114.51        0.04     0.01   0.991
  PAD614Link_3             115.60       0.00       0.00       0.00     114.48
0.00     114.48        0.02     0.01   0.990
  PAD614Link_4             115.60       0.00       0.00       9.00      87.02
18.40     105.42        0.12     0.04   0.912
  PAD615Link_1             115.60       0.00       0.00       0.00     114.47
0.00     114.47        0.49     0.17   0.990
  PAD615Link_2             115.60       0.00       0.00       9.00      87.02
18.40     105.42        0.14     0.05   0.912
```

```
  PAD615Link_3             115.60       0.00       0.00       9.00      87.02
18.40     105.42        0.18     0.06   0.912
  PAD616Link               115.60       0.00       0.00       0.00     114.47
0.00     114.47        0.39     0.13   0.990
  S7_1                     115.60       0.00       0.00       0.00     115.44
0.00     115.44        0.05     0.02   0.999
  S7_10                    115.60       0.00       0.00       4.84      98.24
12.49     110.73        0.27     0.09   0.958
  S7_11                    115.60       0.00       0.00       4.84      98.24
12.49     110.73        0.21     0.07   0.958
  S7_12                    115.60       0.00       0.00       4.84      98.24
12.49     110.73        0.19     0.06   0.958
  S7_2                     115.60       0.00       0.00       0.00     115.44
0.00     115.44        0.05     0.02   0.999
  S7_3                     115.60       0.00       0.00       0.00     115.44
0.00     115.44        0.04     0.01   0.999
  S7_5                     115.60       0.00       0.00       0.00     115.44
0.00     115.44        0.27     0.09   0.999
  S7_6                     115.60       0.00       0.00       4.84      98.24
12.49     110.73        0.26     0.09   0.958
  S7_7                     115.60       0.00       0.00       4.84      98.24
12.49     110.73        0.25     0.08   0.958
  S7_8                     115.60       0.00       0.00       4.84      98.24
12.49     110.73        0.23     0.08   0.958
  S7_9                     115.60       0.00       0.00       4.84      98.24
12.49     110.73        0.29     0.10   0.958
```

```
  ******************
  Node Depth Summary
  ******************
```

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
Existing-Node-A1	JUNCTION	0.00	0.00	93.45	0 00:00	0.00
Existing-Node-A2	JUNCTION	0.00	0.00	93.93	0 00:00	0.00
Existing-Node-A2A1	JUNCTION	0.00	0.00	94.84	0 00:00	0.00
Existing-Node-A2A2	JUNCTION	0.00	0.00	95.03	0 00:00	0.00
Existing-Node-A2B1	JUNCTION	0.00	0.00	94.09	0 00:00	0.00
Existing-Node-A2B2	JUNCTION	0.00	0.00	94.12	0 00:00	0.00
Existing-Node-A2B3	JUNCTION	0.00	0.00	94.27	0 00:00	0.00
Existing-Node-A2B4	JUNCTION	0.00	0.00	94.53	0 00:00	0.00
Existing-Node-A2B5	JUNCTION	0.00	0.00	94.71	0 00:00	0.00
Existing-Node-A2B5A1	JUNCTION	0.00	0.00	94.72	0 00:00	0.00
Existing-Node-A2B5B1	JUNCTION	0.00	0.00	94.82	0 00:00	0.00
Existing-Node-A2B5B2	JUNCTION	0.00	0.00	94.83	0 00:00	0.00
Existing-Node-A2B5B3	JUNCTION	0.00	0.00	94.92	0 00:00	0.00
Existing-Node-B1	JUNCTION	0.02	0.20	94.04	0 12:17	0.20
Existing-Node-B3	JUNCTION	0.03	0.24	94.14	0 12:17	0.24
Existing-Node-B4	JUNCTION	0.02	0.20	94.16	0 12:16	0.20
Existing-Node-B4A1	JUNCTION	0.01	0.15	94.22	0 12:09	0.15
Existing-Node-B4A1A1	JUNCTION	0.02	0.30	94.96	0 12:08	0.29
Existing-Node-B4A1A2	JUNCTION	0.01	0.12	94.94	0 12:10	0.12
Existing-Node-B4A1A3	JUNCTION	0.01	0.07	95.16	0 12:03	0.07
Existing-Node-B4A1A4	JUNCTION	0.01	0.08	95.35	0 12:01	0.08

Existing-Node-B4A1A5	JUNCTION	0.00	0.00	96.40	0	00:00	0.00
Existing-Node-B4A1B1	JUNCTION	0.00	0.00	94.94	0	00:00	0.00
Existing-Node-B4A1B2	JUNCTION	0.00	0.00	95.08	0	00:00	0.00
Existing-Node-B4A1B3	JUNCTION	0.00	0.00	95.28	0	00:00	0.00
Existing-Node-B4B1	JUNCTION	0.00	0.00	94.37	0	00:00	0.00
Existing-Node-B4B2	JUNCTION	0.00	0.00	94.55	0	00:00	0.00
Existing-Node-B4B3	JUNCTION	0.00	0.00	94.59	0	00:00	0.00
Existing-Node-B4B4	JUNCTION	0.00	0.00	94.67	0	00:00	0.00
Existing-Node-B4B5	JUNCTION	0.00	0.00	94.77	0	00:00	0.00
Existing-Node-B4B6	JUNCTION	0.00	0.00	94.80	0	00:00	0.00
Existing-Node-B4B6A1	JUNCTION	0.00	0.00	94.97	0	00:00	0.00
Existing-Node-B4B6A2	JUNCTION	0.00	0.00	95.20	0	00:00	0.00
Existing-Node-B4B6A3	JUNCTION	0.00	0.00	95.66	0	00:00	0.00
Existing-Node-B4B6A4	JUNCTION	0.00	0.00	95.76	0	00:00	0.00
Existing-Node-B4B6A5	JUNCTION	0.00	0.00	95.98	0	00:00	0.00
Existing-Node-B4B6A6	JUNCTION	0.00	0.00	96.14	0	00:00	0.00
Existing-Node-B4B6B1	JUNCTION	0.00	0.00	94.85	0	00:00	0.00
Existing-Node-C1	JUNCTION	0.04	0.07	93.88	0	21:00	0.07
Existing-Node-C1A1	JUNCTION	0.00	0.00	94.22	0	00:00	0.00
Existing-Node-C1A2	JUNCTION	0.00	0.00	94.25	0	00:00	0.00
Existing-Node-C1B1	JUNCTION	0.04	0.07	94.13	0	20:57	0.07
Existing-Node-C1B2	JUNCTION	0.04	0.07	94.52	0	20:52	0.07
Existing-Node-C1B2A1	JUNCTION	0.06	0.12	94.72	0	20:49	0.12
Existing-Node-C1B2A2	JUNCTION	0.03	0.04	94.80	0	19:05	0.04
Existing-Node-C1B2A2A1	JUNCTION	0.00	0.00	94.85	0	00:00	0.00
Existing-Node-C1B2A2A2	JUNCTION	0.00	0.00	94.82	0	00:00	0.00
Existing-Node-C1B2A2A3	JUNCTION	0.00	0.00	94.87	0	00:00	0.00
Existing-Node-C1B2A2A4	JUNCTION	0.00	0.00	94.90	0	00:00	0.00
Existing-Node-C1B2A2B1	JUNCTION	0.08	0.15	95.03	0	18:53	0.15
Existing-Node-C1B2A2B1A1	JUNCTION	0.00	0.00	95.18	0	00:00	0.00
Existing-Node-C1B2A2B1B1	JUNCTION	0.06	0.11	95.04	0	18:04	0.11
Existing-Node-C1B2B1	JUNCTION	0.00	0.00	94.57	0	00:00	0.00
Existing-Node-C1B2B1A1	JUNCTION	0.00	0.00	94.58	0	00:00	0.00
Existing-Node-C1B2B1A2	JUNCTION	0.00	0.00	94.98	0	00:00	0.00
Existing-Node-C1B2B1A3	JUNCTION	0.00	0.00	95.22	0	00:00	0.00
Existing-Node-C1B2B1B1	JUNCTION	0.00	0.00	94.70	0	00:00	0.00
Existing-Node-C1B2B1B1A1	JUNCTION	0.00	0.00	94.73	0	00:00	0.00
Existing-Node-C1B2B1B1B1	JUNCTION	0.00	0.00	94.86	0	00:00	0.00
Existing-Node-C1B2B1B1B2	JUNCTION	0.00	0.00	95.21	0	00:00	0.00
Existing-Node-C1B2B1B1B2A1	JUNCTION	0.00	0.00	95.34	0	00:00	0.00
Existing-Node-C1B2B1B1B2B1	JUNCTION	0.00	0.00	95.25	0	00:00	0.00
Existing-Node-C1B2B1B1B2B2	JUNCTION	0.00	0.00	95.27	0	00:00	0.00

Existing-Node-C1B2B1B1B2B3	JUNCTION	0.00	0.00	95.29	0	00:00	0.00
Existing-Node-C1B2B1B1B2B3A1	JUNCTION	0.00	0.00	95.36	0	00:00	0.00
Existing-Node-C1B2B1B1B2B3A2	JUNCTION	0.00	0.00	95.53	0	00:00	0.00
Existing-Node-C1B2B1B1B2B3A3	JUNCTION	0.00	0.00	95.54	0	00:00	0.00
Existing-Node-C1B2B1B1B2B3B1	JUNCTION	0.00	0.00	95.30	0	00:00	0.00
J1	JUNCTION	0.00	0.00	95.60	0	00:00	0.00
J10	JUNCTION	0.01	0.21	96.20	0	12:00	0.21
J11	JUNCTION	0.01	0.21	96.47	0	12:00	0.21
J12	JUNCTION	0.01	0.20	96.67	0	12:00	0.20
J13	JUNCTION	0.00	0.08	97.77	0	12:00	0.08
J14	JUNCTION	0.00	0.12	97.57	0	12:00	0.12
J15	JUNCTION	0.01	0.15	97.30	0	12:00	0.15
J16	JUNCTION	0.01	0.18	96.96	0	12:00	0.18
J2	JUNCTION	0.00	0.00	95.54	0	00:00	0.00
J3	JUNCTION	0.00	0.00	97.40	0	00:00	0.00
J4	JUNCTION	0.02	0.23	95.59	0	12:00	0.23
J5	JUNCTION	0.05	0.09	95.17	0	14:20	0.09
J6	JUNCTION	0.06	0.12	95.04	0	18:14	0.12
J7	JUNCTION	0.00	0.00	97.83	0	00:00	0.00
J8	JUNCTION	0.00	0.08	95.84	0	12:00	0.08
J9	JUNCTION	0.01	0.23	96.09	0	12:00	0.23
Proposed1003Link	JUNCTION	0.06	0.12	95.23	0	14:18	0.12
Proposed1004Link	JUNCTION	0.03	0.08	95.23	0	14:18	0.08
Proposed1005Link	JUNCTION	0.00	0.00	95.26	0	00:00	0.00
Proposed1006Link	JUNCTION	0.00	0.00	95.31	0	00:00	0.00
Proposed1007Link	JUNCTION	0.00	0.00	95.37	0	00:00	0.00
Proposed1008Link	JUNCTION	0.00	0.00	95.43	0	00:00	0.00
Proposed1009Link	JUNCTION	0.00	0.00	95.45	0	00:00	0.00
Proposed1010Link	JUNCTION	0.00	0.00	95.48	0	00:00	0.00
Proposed1011Link	JUNCTION	0.00	0.00	95.57	0	00:00	0.00
Proposed1101Link	JUNCTION	0.29	0.85	96.62	0	12:00	0.85
Proposed1102Link	JUNCTION	0.25	0.80	96.62	0	12:00	0.80
Proposed1103Link	JUNCTION	0.17	0.65	96.62	0	12:01	0.65
Proposed1104Link	JUNCTION	0.12	0.54	96.62	0	12:00	0.54
Proposed610Link	JUNCTION	0.07	0.12	95.23	0	14:18	0.12
Proposed611Link	JUNCTION	0.59	1.20	96.60	0	14:14	1.20
Proposed613Link	JUNCTION	0.31	0.88	96.62	0	12:00	0.88
Proposed614Link	JUNCTION	0.24	0.78	96.62	0	12:00	0.78
Proposed615Link	JUNCTION	0.18	0.66	96.62	0	12:00	0.66
Proposed616Link	JUNCTION	0.12	0.55	96.63	0	12:00	0.54
Outfall_A	OUTFALL	0.00	0.00	93.65	0	00:00	0.00
Outfall_B	OUTFALL	0.02	0.20	94.01	0	12:18	0.20
Outfall_C	OUTFALL	0.04	0.07	93.73	0	21:00	0.07
Bassin	STORAGE	1.59	2.21	96.61	0	14:14	2.21

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Node Inflow Summary
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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
Existing-Node-A1	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2A1	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2A2	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2B1	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2B2	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2B3	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2B4	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2B5	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2B5A1	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2B5B1	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2B5B2	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-A2B5B3	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-B1	JUNCTION	0.000	0.347	0 12:17	0	1.69	0.009
Existing-Node-B3	JUNCTION	0.000	0.348	0 12:16	0	1.69	0.048
Existing-Node-B4	JUNCTION	0.000	0.392	0 12:09	0	1.7	0.161
Existing-Node-B4A1	JUNCTION	0.000	0.445	0 12:08	0	1.69	-0.139
Existing-Node-B4A1A1	JUNCTION	0.000	0.902	0 12:10	0	1.71	0.062
Existing-Node-B4A1A2	JUNCTION	0.000	0.517	0 12:03	0	1.71	0.095
Existing-Node-B4A1A3	JUNCTION	0.000	0.533	0 12:02	0	1.7	-0.071
Existing-Node-B4A1A4	JUNCTION	0.000	0.534	0 12:01	0	1.69	-0.057
Existing-Node-B4A1A5	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-B4A1B1	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-B4A1B2	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr
Existing-Node-B4A1B3	JUNCTION	0.000	0.000	0 00:00	0	0	0.000 ltr

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  Existing-Node-B4B1   JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-B4B2   JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-B4B3   JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-B4B4   JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-B4B5   JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-B4B6   JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-B4B6A1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-B4B6A2 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-B4B6A3 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-B4B6A4 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-B4B6A5 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-B4B6A6 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-B4B6B1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1     JUNCTION     0.000    0.037     0  20:57           0
3.94       0.100
  Existing-Node-C1A1   JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1A2   JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B1   JUNCTION     0.000    0.037     0  20:53           0
3.94       0.069
  Existing-Node-C1B2   JUNCTION     0.000    0.037     0  20:50           0
3.94       0.121
  Existing-Node-C1B2A1 JUNCTION     0.000    0.038     0  19:05           0
3.96       0.370
  Existing-Node-C1B2A2 JUNCTION     0.000    0.038     0  18:55           0
3.96       0.154
  Existing-Node-C1B2A2A1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2A2 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2A3 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2A4 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1 JUNCTION     0.000    0.040     0  15:31           0
4       0.952
  Existing-Node-C1B2A2B1A1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2A2B1B1 JUNCTION     0.000    0.041     0  14:20           0
4.01       0.068
  Existing-Node-C1B2B1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1A1 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
  Existing-Node-C1B2B1A2 JUNCTION     0.000    0.000     0  00:00           0
0       0.000 ltr
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Existing-Node-C1B2B1A3	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
Existing-Node-C1B2B1B1	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
Existing-Node-C1B2B1B1A1	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
Existing-Node-C1B2B1B1B1	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
Existing-Node-C1B2B1B1B2	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
Existing-Node-C1B2B1B1B2A1	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
Existing-Node-C1B2B1B1B2B1	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
Existing-Node-C1B2B1B1B2B2	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
Existing-Node-C1B2B1B1B2B3	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
Existing-Node-C1B2B1B1B2B3A1	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
Existing-Node-C1B2B1B1B2B3A2	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
Existing-Node-C1B2B1B1B2B3A3	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
Existing-Node-C1B2B1B1B2B3B1	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
J1	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
J10	JUNCTION	0.000	0.461	0	12:00	0	1.44	0.004	
J11	JUNCTION	0.063	0.462	0	12:00	0.19	1.44	-0.002	
J12	JUNCTION	0.069	0.404	0	12:00	0.208	1.25	0.002	
J13	JUNCTION	0.086	0.086	0	12:00	0.259	0.259	-0.007	
J14	JUNCTION	0.078	0.163	0	12:00	0.233	0.493	-0.003	
J15	JUNCTION	0.095	0.256	0	12:00	0.285	0.778	-0.000	
J16	JUNCTION	0.089	0.340	0	12:00	0.266	1.04	0.003	
J2	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
J3	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
J4	JUNCTION	0.000	0.533	0	12:00	0	1.69	0.003	
J5	JUNCTION	0.000	0.041	0	14:18	0	4.01	0.047	
J6	JUNCTION	0.000	0.041	0	14:24	0	4.01	0.221	
J7	JUNCTION	0.000	0.000	0	00:00	0	0	0.000 ltr	
J8	JUNCTION	0.000	0.533	0	12:00	0	1.69	-0.000	
J9	JUNCTION	0.084	0.534	0	12:00	0.252	1.69	-0.001	
Proposed1003Link	JUNCTION	0.000	0.002	0	12:09	0	0.00994	4.816	

Proposed1004Link	JUNCTION	0.000	0.001	0	12:10	0	
0.00407	0.274						
Proposed1005Link	JUNCTION	0.000	0.000	0	00:00	0	
0	0.000 ltr						
Proposed1006Link	JUNCTION	0.000	0.000	0	00:00	0	
0	0.000 ltr						
Proposed1007Link	JUNCTION	0.000	0.000	0	00:00	0	
0	0.000 ltr						
Proposed1008Link	JUNCTION	0.000	0.000	0	00:00	0	
0	0.000 ltr						
Proposed1009Link	JUNCTION	0.000	0.000	0	00:00	0	
0	0.000 ltr						
Proposed1010Link	JUNCTION	0.000	0.000	0	00:00	0	
0	0.000 ltr						
Proposed1011Link	JUNCTION	0.000	0.000	0	00:00	0	
0	0.000 ltr						
Proposed1101Link	JUNCTION	0.000	0.494	0	11:59	0	
1.62	0.066						
Proposed1102Link	JUNCTION	0.216	0.522	0	11:59	0.637	
1.62	0.006						
Proposed1103Link	JUNCTION	0.240	0.344	0	11:58	0.705	
0.989	-0.012						
Proposed1104Link	JUNCTION	0.094	0.094	0	12:00	0.275	
0.284	-0.025						
Proposed610Link	JUNCTION	0.000	0.041	0	14:14	0	
4.02	0.053						
Proposed611Link	JUNCTION	0.000	0.041	0	14:14	0	
4.02	0.007						
Proposed613Link	JUNCTION	0.211	1.214	0	11:59	0.62	
4.05	0.045						
Proposed614Link	JUNCTION	0.211	0.582	0	11:58	0.613	
1.82	0.011						
Proposed615Link	JUNCTION	0.281	0.404	0	11:58	0.808	
1.2	-0.018						
Proposed616Link	JUNCTION	0.134	0.134	0	12:00	0.394	
0.394	-0.038						
Outfall_A	OUTFALL	0.000	0.000	0	00:00	0	
0	0.000 ltr						
Outfall_B	OUTFALL	0.000	0.347	0	12:18	0	
1.69	0.000						
Outfall_C	OUTFALL	0.000	0.037	0	21:00	0	
3.93	0.000						
Bassin	STORAGE	0.124	1.305	0	11:59	0.364	
5.87	-0.020						

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

Node	Type	Hours Surcharged	Max. Height Above Crown Meters	Min. Depth Below Rim Meters
Proposed611Link	JUNCTION	5.91	0.047	0.403

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Node Flooding Summary
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No nodes were flooded.

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Storage Volume Summary
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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
Bassin	2.690	53.8	0.0	0.0	4.189	83.7	0 14:14	0.041

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Outfall Loading Summary
****

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 10^6 ltr
Outfall_A	0.00	0.000	0.000	0.000
Outfall_B	70.51	0.010	0.347	1.692
Outfall_C	90.72	0.017	0.037	3.931
System	53.74	0.026	0.353	5.624

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Link Flow Summary
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Link	Type	Maximum |Flow| CMS	Time of Max Occurrence days hr:min	Maximum |Veloc| m/sec	Max/ Full Flow	Max/ Full Depth
100mm_2	CONDUIT	0.017	0 14:14	2.18	3.86	1.00
150mm_3	CONDUIT	0.014	0 14:14	0.85	1.73	0.86
75mm_1	CONDUIT	0.011	0 14:14	2.38	2.66	1.00
C1_1	CONDUIT	0.000	0 00:00	0.00	0.00	0.04
C1_10	CONDUIT	0.337	0 12:00	1.31	0.03	0.19
C1_2	CONDUIT	0.533	0 12:00	2.69	0.05	0.15
C1_3	CONDUIT	0.086	0 12:00	0.72	0.01	0.10

C1_4	CONDUIT	0.462	0	12:01	1.46	0.04	0.22
C1_5	CONDUIT	0.461	0	12:00	1.52	0.04	0.21
C1_6	CONDUIT	0.402	0	12:00	1.41	0.04	0.20
C1_7	CONDUIT	0.161	0	12:00	0.95	0.01	0.13
C1_8	CONDUIT	0.252	0	12:00	1.16	0.02	0.16
C2	CONDUIT	0.533	0	12:00	2.71	0.01	0.15
ChannelA1	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelA2	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelA2A1	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelA2A2	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelA2B1	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
ChannelA2B2	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelA2B3	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelA2B4	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelA2B5	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelA2B5A1	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
ChannelA2B5B1	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelA2B5B2	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelA2B5B3	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelB1	CHANNEL	0.347	0	12:18	1.14	0.00	0.11
ChannelB2212_1	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelB2212_3	CONDUIT	0.000	0	00:00	0.00	0.00	0.19
ChannelB2212_4	CHANNEL	0.534	0	12:01	1.84	0.00	0.09
ChannelB3	CHANNEL	0.347	0	12:17	1.05	0.00	0.11
ChannelB4	CHANNEL	0.348	0	12:16	0.51	0.00	0.11
ChannelB4A1	CHANNEL	0.392	0	12:09	0.53	0.00	0.09
ChannelB4A1A1	CONDUIT	0.445	0	12:08	1.40	0.05	0.18
ChannelB4A1A2	CHANNEL	0.902	0	12:10	0.41	0.00	0.16
ChannelB4A1A3	CHANNEL	0.517	0	12:03	0.54	0.00	0.12
ChannelB4A1A4	CHANNEL	0.533	0	12:02	0.71	0.00	0.05
ChannelB4A1B1	CHANNEL	0.000	0	00:00	0.00	0.00	0.07
ChannelB4A1B2	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelB4A1B3	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelB4B1	CHANNEL	0.000	0	00:00	0.00	0.00	0.09
ChannelB4B2	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelB4B3	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelB4B4	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelB4B5	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelB4B6	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelB4B6A1	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelB4B6A2	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelB4B6A3_1	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelB4B6A3_3	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
ChannelB4B6A3_4	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelB4B6A4	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelB4B6A5	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
ChannelB4B6A6	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
ChannelB4B6B1	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
Proposed1003LinkChannel	CONDUIT	0.002	0	12:09	0.03	0.01	0.24
Proposed1004LinkChannel	CONDUIT	0.001	0	12:10	0.03	0.00	0.19
Proposed1005LinkChannel	CONDUIT	0.000	0	00:00	0.00	0.00	0.08
Proposed1006LinkChannel	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
Proposed1007LinkChannel	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
Proposed1008LinkChannel	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
Proposed1009LinkChannel	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
Proposed1010LinkChannel	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
Proposed1011LinkChannel	CONDUIT	0.000	0	00:00	0.00	0.00	0.00

Proposed1101LinkChannel	CONDUIT	0.504	0	12:01	0.25	0.04	0.84
Proposed1102LinkChannel	CONDUIT	0.494	0	11:59	0.21	0.04	0.83
Proposed1103LinkChannel	CONDUIT	0.306	0	11:59	0.37	0.03	0.72
Proposed1104LinkChannel	CONDUIT	0.105	0	11:58	0.35	0.01	0.59
Proposed1201LinkChannel	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
Proposed1202LinkChannel	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
Proposed1203LinkChannel	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
Proposed1204LinkChannel	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
Proposed1205LinkChannel	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
Proposed1206LinkChannel	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
Proposed1207LinkChannel	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
Proposed1208LinkChannel	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
Proposed1209LinkChannel	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
Proposed1301LinkChannel	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
Proposed1401LinkChannel	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
Proposed1501LinkChannel	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
Proposed502LinkChannel	CHANNEL	0.037	0	21:00	0.56	0.00	0.10
Proposed503LinkChannel	CHANNEL	0.000	0	00:00	0.00	0.00	0.09
Proposed504LinkChannel	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
Proposed601LinkChannel	CHANNEL	0.037	0	20:57	0.49	0.00	0.19
Proposed602LinkChannel	CHANNEL	0.037	0	20:53	0.49	0.00	0.12
Proposed603LinkChannel	CONDUIT	0.037	0	20:50	0.33	0.04	0.17
Proposed604LinkChannel	CHANNEL	0.038	0	19:05	0.13	0.00	0.13
Proposed605LinkChannel	CONDUIT	0.038	0	18:55	0.33	0.03	0.14
Proposed606LinkChannel_1	CONDUIT	0.041	0	14:24	0.10	0.06	0.23
Proposed606LinkChannel_2	CONDUIT	0.040	0	15:31	0.10	0.06	0.27
Proposed609LinkChannel_1	CONDUIT	0.041	0	14:18	0.18	0.24	0.35
Proposed609LinkChannel_2	CONDUIT	0.041	0	14:20	0.20	0.13	0.34
Proposed612Channel	CONDUIT	0.041	0	14:14	0.58	0.13	1.00
Proposed613LinkChannel	CONDUIT	1.181	0	11:59	4.18	2.37	1.00
Proposed614LinkChannel	CONDUIT	0.558	0	11:57	0.29	0.06	0.67
Proposed615LinkChannel	CONDUIT	0.373	0	12:00	0.29	0.07	0.64
Proposed616LinkChannel	CONDUIT	0.129	0	12:00	0.19	0.03	0.59
Proposed701LinkChannel	CONDUIT	0.000	0	00:00	0.00	0.00	0.09
Proposed702LinkChannel	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
Proposed703LinkChannel	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
Proposed704LinkChannel	CHANNEL	0.000	0	00:00	0.00	0.00	0.00
Proposed801LinkChannel	CONDUIT	0.000	0	00:00	0.00	0.00	0.05
Proposed802LinkChannel	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
Proposed803LinkChannel	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
Proposed804LinkChannel	CONDUIT	0.000	0	00:00	0.00	0.00	0.00
Proposed901LinkChannel	CHANNEL	0.000	0	00:00	0.00	0.00	0.42

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

100mm_2	1.00	0.40	0.00	0.00	0.00	0.00	0.00	0.60	0.00
0.00									
150mm_3	1.00	0.80	0.00	0.00	0.00	0.00	0.00	0.20	0.00
0.00									
75mm_1	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00
0.00									
C1_1	1.00	0.06	0.94	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
C1_10	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.99
0.00									
C1_2	1.00	0.00	0.00	0.00	0.62	0.38	0.00	0.00	0.01
0.00									
C1_3	1.00	0.00	0.06	0.00	0.94	0.00	0.00	0.00	0.99
0.00									
C1_4	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.99
0.00									
C1_5	1.00	0.00	0.00	0.00	0.97	0.02	0.00	0.00	0.73
0.00									
C1_6	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.99
0.00									
C1_7	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
0.00									
C1_8	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
0.00									
C2	1.00	0.00	0.02	0.00	0.95	0.03	0.00	0.00	0.99
0.00									
ChannelA1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelA2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelA2A1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelA2A2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelA2B1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelA2B2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelA2B3	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelA2B4	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelA2B5	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelA2B5A1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelA2B5B1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelA2B5B2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelA2B5B3	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB1	1.00	0.04	0.00	0.00	0.37	0.58	0.00	0.00	0.00
0.00									
ChannelB2212_1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB2212_3	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB2212_4	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00
0.00									

ChannelB3	1.00	0.04	0.00	0.00	0.44	0.52	0.00	0.00	0.00
0.00									
ChannelB4	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.93
0.00									
ChannelB4A1	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.96
0.00									
ChannelB4A1A1	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.64
0.00									
ChannelB4A1A2	1.00	0.02	0.00	0.00	0.97	0.01	0.00	0.00	0.96
0.00									
ChannelB4A1A3	1.00	0.02	0.00	0.00	0.32	0.66	0.00	0.00	0.31
0.00									
ChannelB4A1A4	1.00	0.01	0.00	0.00	0.95	0.04	0.00	0.00	0.65
0.00									
ChannelB4A1B1	1.00	0.03	0.97	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB4A1B2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB4A1B3	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB4B1	1.00	0.03	0.97	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB4B2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB4B3	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB4B4	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB4B5	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB4B6	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB4B6A1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB4B6A2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB4B6A3_1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB4B6A3_3	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB4B6A3_4	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB4B6A4	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB4B6A5	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB4B6A6	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
ChannelB4B6B1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed1003LinkChannel	1.00	0.01	0.02	0.00	0.97	0.00	0.00	0.00	0.00
0.00									
Proposed1004LinkChannel	1.00	0.03	0.10	0.00	0.88	0.00	0.00	0.00	0.06
0.00									
Proposed1005LinkChannel	1.00	0.12	0.88	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed1006LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed1007LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									

Proposed1008LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed1009LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed1010LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed1011LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed1101LinkChannel	1.00	0.00	0.01	0.00	0.70	0.00	0.29	0.00	0.00
0.00									
Proposed1102LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.38
0.00									
Proposed1103LinkChannel	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.52
0.00									
Proposed1104LinkChannel	1.00	0.01	0.16	0.00	0.83	0.00	0.00	0.00	0.57
0.00									
Proposed1201LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed1202LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed1203LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed1204LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed1205LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed1206LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed1207LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed1208LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed1209LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed1301LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed1401LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed1501LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed502LinkChannel	1.00	0.09	0.00	0.00	0.91	0.00	0.00	0.00	0.00
0.00									
Proposed503LinkChannel	1.00	0.09	0.91	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed504LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00									
Proposed601LinkChannel	1.00	0.08	0.00	0.00	0.91	0.01	0.00	0.00	0.90
0.00									
Proposed602LinkChannel	1.00	0.07	0.00	0.00	0.92	0.01	0.00	0.00	0.01
0.00									
Proposed603LinkChannel	1.00	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.12
0.00									
Proposed604LinkChannel	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.91
0.00									
Proposed605LinkChannel	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.00
0.00									
Proposed606LinkChannel_1	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00
0.00									
Proposed606LinkChannel_2	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.36
0.00									

Proposed609LinkChannel_1	1.00	0.01	0.00	0.00	0.97	0.00	0.00	0.02	0.00	0.00
Proposed609LinkChannel_2	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.93	0.00
Proposed612Channel	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.00
Proposed613LinkChannel	1.00	0.01	0.00	0.00	0.74	0.00	0.00	0.25	0.09	0.00
Proposed614LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.42	0.00
Proposed615LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.55	0.00
Proposed616LinkChannel	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.62	0.00
Proposed701LinkChannel	1.00	0.07	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Proposed702LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Proposed703LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Proposed704LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Proposed801LinkChannel	1.00	0.05	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Proposed802LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Proposed803LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Proposed804LinkChannel	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Proposed901LinkChannel	1.00	0.04	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00

****
Conduit Surcharge Summary
****

Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
100mm_2	24.45	35.78	24.45	37.00	24.45
150mm_3	0.01	5.90	0.01	8.48	0.01
75mm_1	63.66	67.70	63.66	68.23	63.66
Proposed612Channel	53.87	53.87	71.41	0.01	0.01
Proposed613LinkChannel	16.92	16.98	19.03	0.31	0.21

Analysis begun on: Thu May 8 16:33:10 2025
Analysis ended on: Thu May 8 16:33:32 2025
Total elapsed time: 00:00:22

Appendix C: Topographic Survey

TOPOGRAPHIC PLAN OF SURVEY OF PART OF THE SOUTHEAST 1/4 LOT 3 CONCESSION 4 RIDEAU FRONT GEOGRAPHIC TOWNSHIP OF NEPEAN CITY OF OTTAWA

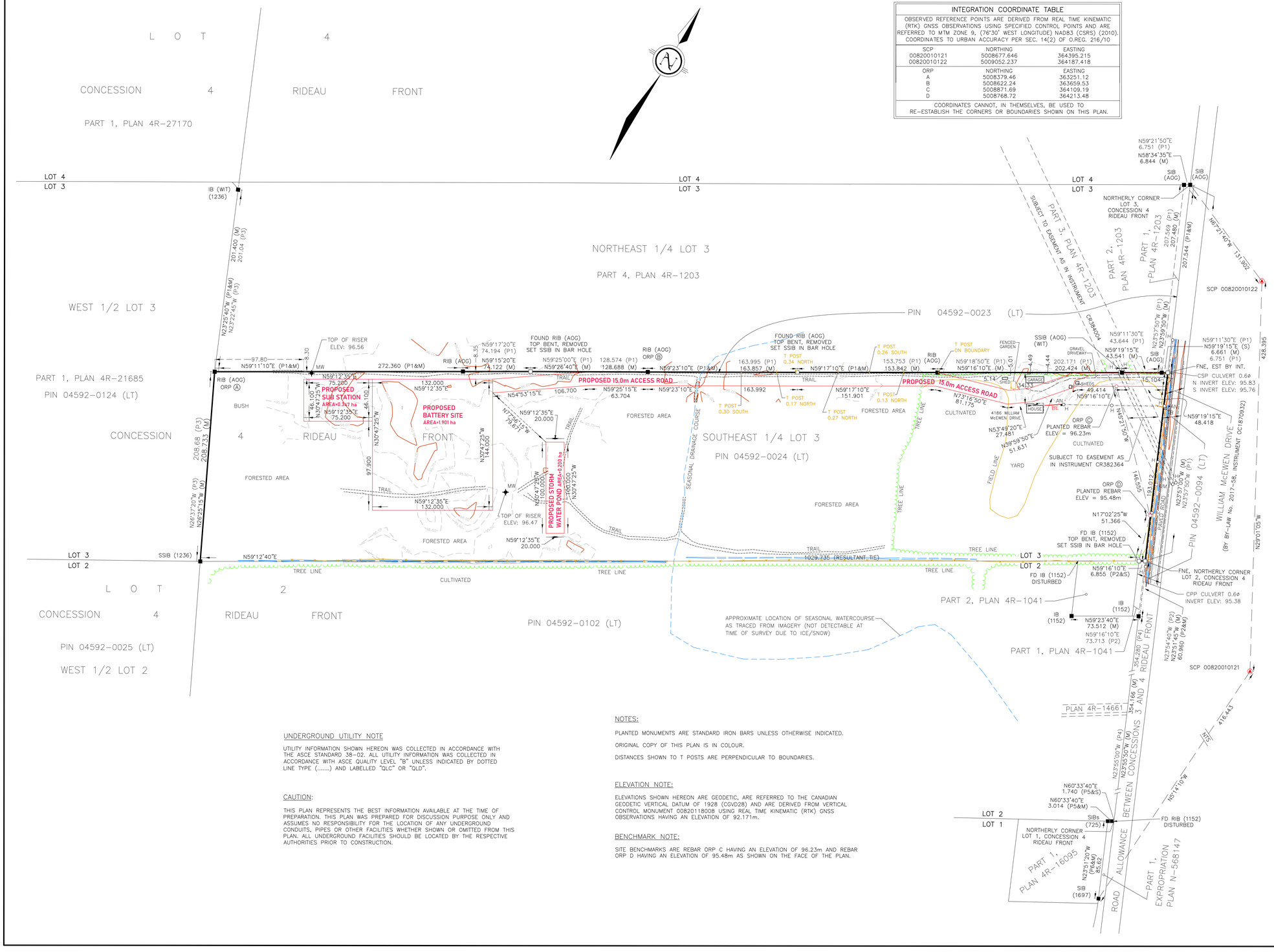
TULLOCH GEOMATICS INC.

2025

SCALE 1:2000

20m 0 20 100m

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



UNDERGROUND UTILITY NOTE

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

CAUTION:

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

NOTES:

PLANTED MONUMENTS ARE STANDARD IRON BARS UNLESS OTHERWISE INDICATED.

ORIGINAL COPY OF THIS PLAN IS IN COLOUR.

DISTANCES SHOWN TO T POSTS ARE PERPENDICULAR TO BOUNDARIES.

ELEVATION NOTE:

ELEVATIONS SHOWN HEREON ARE GEODETIC, ARE REFERRED TO THE CANADIAN GEODETIC VERTICAL DATUM OF 1928 (CGVD28) AND ARE DERIVED FROM VERTICAL CONTROL MONUMENT 00820118008 USING REAL TIME KINEMATIC (RTK) GNSS OBSERVATIONS HAVING AN ELEVATION OF 92.171m.

BENCHMARK NOTE:

SITE BENCHMARKS ARE REBAR ORP C HAVING AN ELEVATION OF 96.23m AND REBAR ORP D HAVING AN ELEVATION OF 95.48m AS SHOWN ON THE FACE OF THE PLAN.

METRIC:

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

DISTANCE NOTE:

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

BEARING NOTE:

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

ROTATION NOTE:

A ROTATION OF 0°58'30" COUNTER CLOCKWISE HAS BEEN APPLIED TO THE ASTRONOMIC BEARINGS OF UNDERLYING PLANS P1 AND P2 TO ACCOUNT FOR DIFFERENT REFERENCE MERIDIANS.

NO ROTATION HAS BEEN APPLIED TO THE MTM GRID BEARINGS OF UNDERLYING PLANS P3, P4, P5 OR P6.

LEGEND:

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

TOPOGRAPHIC LEGEND:

PWF	DENOTES POST AND WIRE FENCE
CPP	DENOTES CORRUGATED PLASTIC PIPE
CSP	DENOTES CORRUGATED STEEL PIPE
○ UM	DENOTES UNDERGROUND UTILITY MARKER
⊠ TB	DENOTES TERMINAL BOX
○ H	DENOTES HYDRO POLE
• AN	DENOTES HYDRO POLE
✦ MW	DENOTES MONITORING WELL
T	DENOTES T POST
ø	DENOTES DIAMETER
	DENOTES TREE LINE
	DENOTES BOTTOM OF DITCH
-x-x-x-	DENOTES POST AND WIRE FENCE LINE
-o-o-o-	DENOTES OVERHEAD WIRES
BT	DENOTES BURIED TELECOMMUNICATIONS
BE	DENOTES BURIED ELECTRIC
	DENOTES QUALITY LEVEL "B"
100.00	DENOTES 1.00m MAJOR CONTOUR LINE
99.75	DENOTES 0.25m MINOR CONTOUR LINE

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

(1) THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT AND THE SURVEYORS ACT AND THE REGULATIONS MADE UNDER THEM.

(2) THE SURVEY WAS COMPLETED ON THE 24th DAY OF FEBRUARY, 2025.

MARCH 12, 2025
DATE

THOMAS J. CORTENS
ONTARIO LAND SURVEYOR

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

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