



Evolugen

Trail Rd. BESS

Ottawa, ON

Technical Report

Stormwater Management Plan

BBA Document No.-Rev.:7154024-100000-41-ERA-0001-R00

May 9, 2025

FOR PERMITTING

10 Carlson Court, Suite 420
Toronto, ON M9W 6L2
T +1 416.585.2115 F +1 516.585.9683
BBAconsultants.com
All rights reserved. © BBA




2025-05-09

Prepared by:
Bryan Thomas



2025-05-09

Verified by:
Vincent Brunelle, P.Eng.
PEO. No. 100617887



REVISION HISTORY

Revision	Document Status – Revision Description	Date
R00	For permitting	2025-05-09

This document has been prepared by BBA for its Client and may be used solely by the Client and shall not be used nor relied upon by any other party or for any other purpose without the express prior written consent of BBA. BBA accepts no responsibility for losses, claims, expenses or damages, if any, suffered by a third party as a result of any decisions made or actions based on this document.

While it is believed that the information contained herein is reliable under the conditions and subject to the limitations set forth in the document, this document is based on information not within the control of BBA, nor has said information been verified by BBA, and BBA, therefore, cannot and does not guarantee its sufficiency and accuracy. The comments in the document reflect BBA's best judgment in light of the information available to it at the time of preparation.

Use of this document acknowledges acceptance of the foregoing conditions.



TABLE OF CONTENTS

1.	Introduction	1
1.1.	Abbreviations and acronyms	2
1.2.	Units and symbols	3
1.3.	Codes, standards, regulations, and guidelines	3
1.4.	Reference documents	5
2.	Background	5
2.1.	Site description	5
2.2.	Subsurface and groundwater conditions	8
2.3.	Regulation area and flooding hazard	8
3.	Stormwater management plan	11
3.1.	SWM concept	11
3.2.	Design criteria	11
4.	SWM modeling	13
4.1.	Parameters and assumptions	13
4.2.	Pre-development results	16
4.3.	Post-development results	17
5.	Spill prevention and response	23
6.	Erosion and sediment control	24
7.	Maintenance and monitoring	25
8.	Recommendations and conclusion	26

LIST OF TABLES

Table 1:	Abbreviations and acronyms	2
Table 2:	Units and symbols	3
Table 3:	Codes, standards, regulations, and guidelines	4
Table 4:	Reference documents	5
Table 5:	Summary of stormwater management design criteria	12
Table 6:	Curve number	15
Table 7:	Manning's n	15
Table 8:	SCS Type 2 Storm Pre-development Flows	17



Table 9: SCS Type 2 Storm Pre-development Flows	18
Table 10: Wet pond design summary	20
Table 11: SCS Type 2 Storm Post-development Flows	22
Table 12: Post-development flows under normal operation vs pre-development flows	22
Table 13: Maximum water elevation during various storm events (free outfall at control structure)	23

LIST OF FIGURES

Figure 1: Site location (Source: GeoOttawa)	1
Figure 2: BESS site (Source: Bing map)	6
Figure 3: Watercourse and municipal drain adjacent to BESS site (Source: Ottawa Geoweb)	7
Figure 4: Close up of RVCA regulated areas (Source: RVCA GeoPortal)	9
Figure 5: RVCA regulated areas (Source: RVCA GeoPortal)	10
Figure 6: Pre-development sub-catchments	16
Figure 7: Post-development sub-catchment areas	19
Figure 8: Water quality storage requirements	21

APPENDICES

Appendix A:	IDF Data
Appendix B:	PCSWMM Model Results
Appendix B-1:	Pre-development 24h storm 100y event
Appendix B-2:	Pre-development 24h storm 2y event
Appendix B-3:	Post-development 24h storm 100y event
Appendix B-4:	Post-development 24h storm 2y event
Appendix B-5:	Chicago 25mm 4 hours quality storm event
Appendix B-6:	Post-development 24h storm 100y event to compare to pre-development 24h storm 2y event
Appendix C:	Topographic Survey



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.	<i>Trail Road Battery Energy Storage System (BESS) Preliminary Geotechnical Investigation (H375035-0000-2A0-066-0001, Rev. A), dated: February 3, 2025</i>
Hatch Ltd.	<i>Trail Road BESS Site Geotechnical Investigation - Hydrogeological and Terrain Analysis Study (H375035-0000-2A4-030-0001, Rev. A), dated: February 14, 2025</i>
Survey Plans	
Tulloch Geomatics Inc.	<i>Topographic Plan of Survey of Part of the Southeast ¼ Lot 3 Concession 4 Rideau Front Geographic Township of Nepean City of Ottawa (File: 241437), dated: March 12, 2025</i>
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.

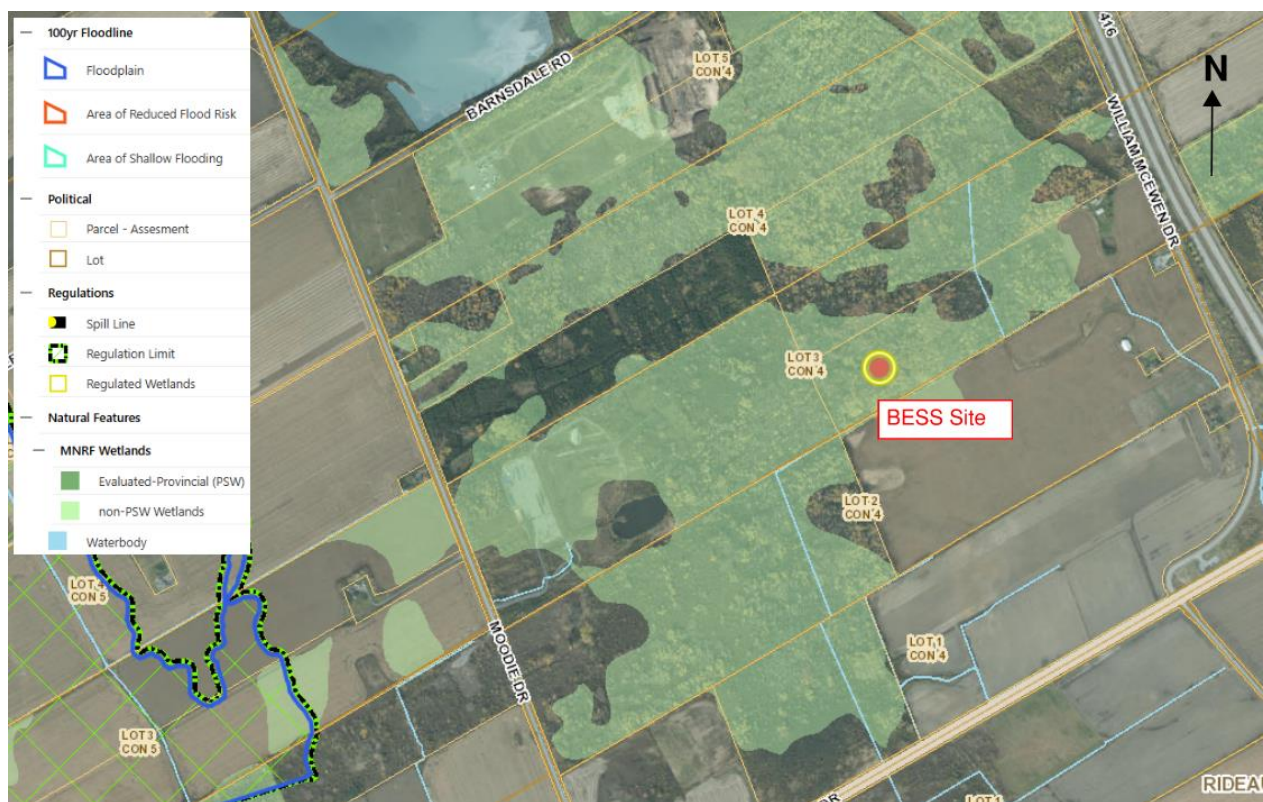


Figure 4: Close up of RVCA regulated areas (Source: RVCA GeoPortal)



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 single event or long-term (continuous) simulation of runoff quantity and quality from primarily urban areas. The software was used to simulate overland flow and routing through various hydraulic structures such as swales, pipes, culverts, weirs, orifices, and the wet pond.

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.

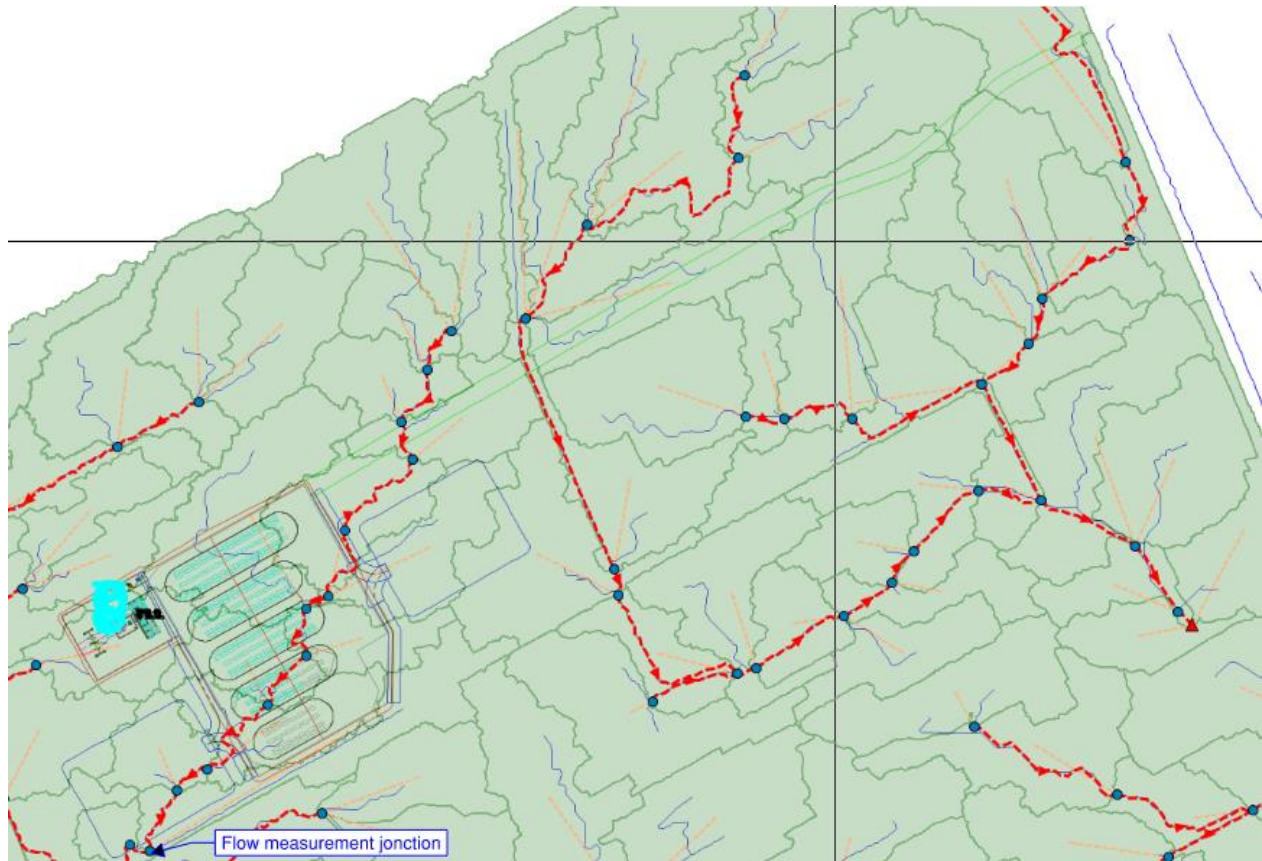


Figure 6: Pre-development sub-catchments

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



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

The table below shows 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

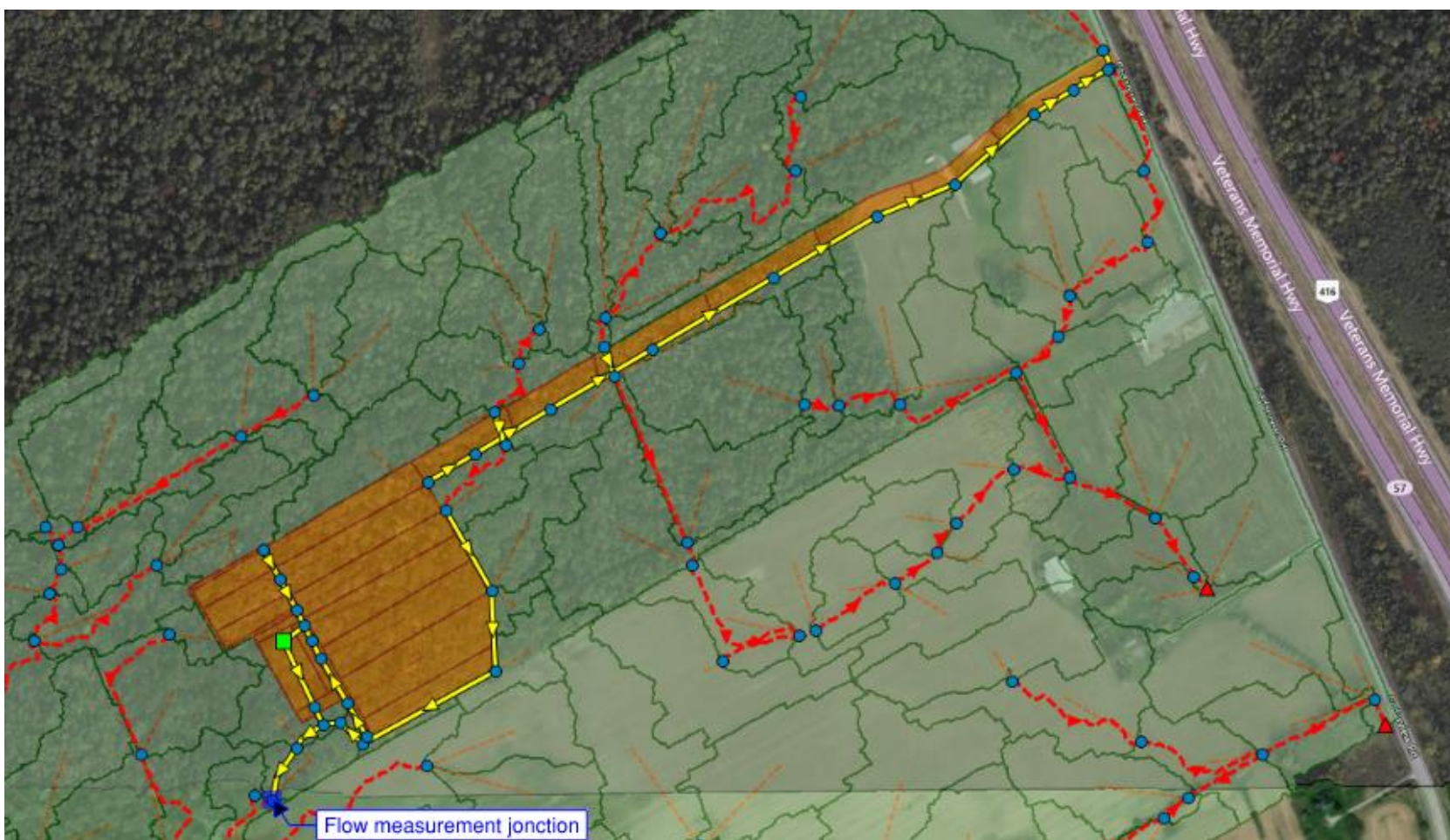


Figure 7: Post-development sub-catchment areas



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	1 m 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 m³/ha of storage volume. The permanent pond volume is calculated to be 1 100 m³ to meet this requirement. Given the contributing developed areas of 3.86 ha for the BESS site, 1 400 m³/ha of storage volume is provided, meeting the requirements of Table 3.2 (Figure 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%
<i>Enhanced</i> 80% long-term S.S. removal	Infiltration	25	30	35	40
	Wetlands	80	105	120	140
	Hybrid Wet Pond/Wetland	110	150	175	195
	Wet Pond	140	190	225	250
<i>Normal</i> 70% long-term S.S. removal	Infiltration	20	20	25	30
	Wetlands	60	70	80	90
	Hybrid Wet Pond/Wetland	75	90	105	120
	Wet Pond	90	110	130	150
<i>Basic</i> 60% long-term S.S. removal	Infiltration	20	20	20	20
	Wetlands	60	60	60	60
	Hybrid Wet Pond/Wetland	60	70	75	80
	Wet Pond	60	75	85	95
	Dry Pond (Continuous Flow)	90	150	200	240

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

For quantity control, 24-hour SCS Type 2 storm events were simulated for return periods ranging from 2 to 100 years. The post-development flow rates are compared to the pre-development values to ensure that the post-development quantity is equal to or less than the 2-year pre-development (as per pre-consultation letter received from the City of Ottawa) while maintaining a minimum 300 mm of freeboard to the top of 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).

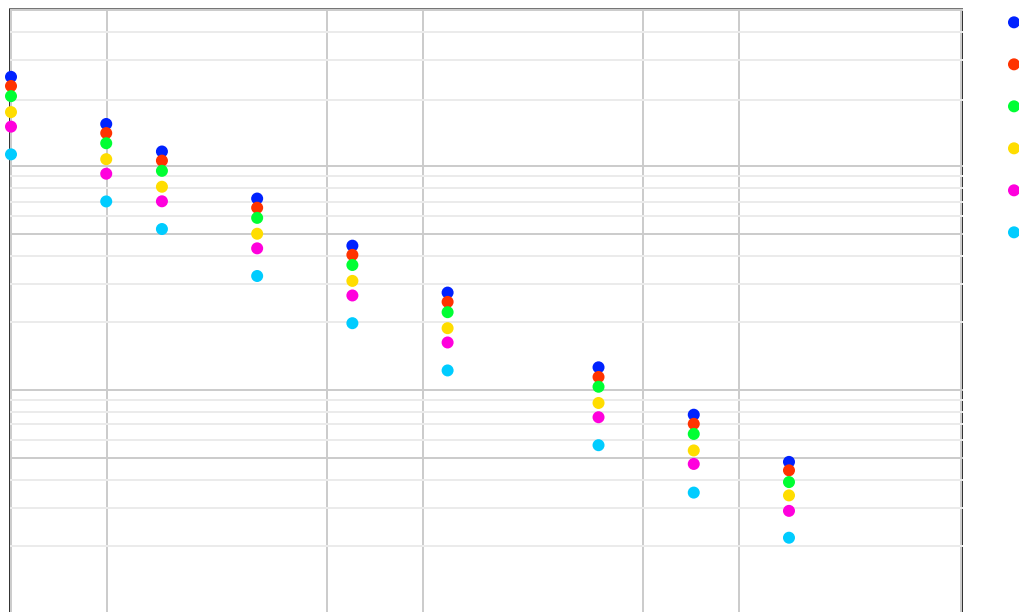
8. Recommendations and conclusion

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





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
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					

Node Summary

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

Link Summary

Name Slope Roughness	From Node	To Node	Type	Length	%

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

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					

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				

Cross Section Summary

Full		Full	Full	Hyd.	Max.	No. of
Conduit	Shape	Depth	Area	Rad.	Width	Barrels
Flow						

ChannelA101 5.41	C14	0.18	10.46	0.10	104.91	1
ChannelA111 0.30	TRAPEZOIDAL	0.40	1.12	0.30	3.60	1
ChannelA117 2.02	TRAPEZOIDAL	0.90	2.52	0.50	4.60	1
ChannelA120 163.17	C55	0.98	69.20	0.55	124.59	1
ChannelA122 123.07	C46	0.71	47.71	0.35	137.79	1
ChannelA129 111.88	C51	0.76	52.75	0.43	123.20	1
ChannelA138 5.95	C30	0.26	9.59	0.09	111.41	1
ChannelA140 1.34	C31	0.12	3.27	0.06	52.61	1
ChannelA158 189.41	C62	1.10	50.08	0.44	114.63	1
ChannelA159 16.39	C40	0.28	13.90	0.12	114.65	1
ChannelA89 835.73	C65	1.53	110.45	0.79	138.51	1
ChannelA93 7.60	C4	0.18	9.72	0.10	96.87	1
ChannelA99 150.11	C22	0.80	39.08	0.31	124.58	1
ChannelB 565.87	C9	1.71	111.43	1.11	102.12	1
ChannelB12 9.59	C39	0.27	13.05	0.11	116.20	1
ChannelB14 716.60	C33	1.50	131.89	1.17	111.99	1
ChannelB152 67.27	C64	0.56	37.90	0.30	131.20	1
ChannelB16 394.05	C45	1.22	79.07	0.72	109.30	1
ChannelB160 320.94	C50	1.84	114.01	0.81	138.64	1
ChannelB162 476.73	C74	2.09	176.02	1.05	166.45	1
ChannelB20 195.90	C37	0.74	56.51	0.53	106.86	1
ChannelB22 9.02	TRAPEZOIDAL	1.20	4.08	0.64	5.80	1
ChannelB2212 430.69	C8	1.69	78.75	0.76	101.08	1
ChannelB27 11.64	C78	0.23	11.22	0.11	102.15	1
ChannelB32 166.80	C28	1.06	40.72	0.35	116.54	1
ChannelB36 58.32	C20	0.73	29.73	0.28	103.85	1
ChannelB38 73.34	C16	0.53	25.20	0.24	105.86	1
ChannelB4 0.37	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1
ChannelB47 511.71	C71	1.11	80.50	0.64	144.51	1
ChannelB53 79.31	C58	0.38	23.62	0.19	120.66	1

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

ChannelC18	TRAPEZOIDAL	0.50	1.00	0.31	3.00	1
0.60						
ChannelC1B2A2B1B05 C49		0.51	40.75	0.33	121.63	1
54.41						
ChannelC1B2A2B1B06 C48		0.69	64.87	0.54	118.04	1
140.47						
ChannelC1B2A2B1B07 C44		0.75	66.46	0.52	125.49	1
166.40						
ChannelC1B2A2B1B08 TRAPEZOIDAL		0.75	1.88	0.43	4.00	1
1.03						
ChannelC25	C13	0.33	20.66	0.21	99.45	1
8.21						
ChannelC29	C23	0.57	41.71	0.38	111.18	1
50.25						
ChannelC34	TRAPEZOIDAL	0.57	1.22	0.34	3.28	1
0.36						
ChannelC41	C19	0.24	12.92	0.12	105.74	1
10.00						
ChannelC45	C32	0.57	46.70	0.40	115.43	1
67.30						
ChannelC49	TRAPEZOIDAL	0.40	0.72	0.26	2.60	1
0.46						
ChannelC51	TRAPEZOIDAL	0.40	0.72	0.26	2.60	1
0.21						
ChannelC60	C10	0.47	25.91	0.32	80.45	1
35.54						
ChannelC65	C36	0.30	22.34	0.20	113.53	1
22.25						
ChannelC75	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1
0.21						
ChannelC80	C6	0.68	54.09	0.54	100.34	1
145.57						
ChannelC91_1	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1
0.15						
ChannelC91_2	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1
0.15						
ChannelC96	C53	0.51	38.93	0.32	120.46	1
59.38						

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 04/11/2025 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

	Volume hectare-m	Volume 10^6 ltr
	-----	-----
Flow Routing Continuity		
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

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

[illegible]

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

Node Inflow Summary

Total Inflow Volume Node ltr	Flow Balance Error Percent	Type	Maximum Lateral Inflow CMS	Maximum Total Inflow CMS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	

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						

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

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					

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						

Node Surcharge Summary

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

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

[illegible]

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

Node Flooding Summary

No nodes were flooded.

Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 10^6 ltr
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

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
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

ChannelC1B2A2B1B08	CONDUIT	0.117	0	14:06	0.70	0.11	0.18
ChannelC25	CHANNEL	0.244	0	12:01	0.19	0.03	0.26
ChannelC29	CHANNEL	0.186	0	12:01	0.96	0.00	0.41
ChannelC34	CONDUIT	0.108	0	12:57	0.48	0.30	0.30
ChannelC41	CHANNEL	0.319	0	12:07	0.15	0.03	0.63
ChannelC45	CHANNEL	0.156	0	12:03	0.09	0.00	0.28
ChannelC49	CONDUIT	0.161	0	12:43	0.44	0.35	0.62
ChannelC51	CONDUIT	0.146	0	12:00	0.43	0.68	0.64
ChannelC60	CHANNEL	0.145	0	12:02	0.36	0.00	0.18
ChannelC65	CHANNEL	0.186	0	12:45	0.14	0.01	0.90
ChannelC75	CONDUIT	0.194	0	13:09	0.48	0.92	0.58
ChannelC80	CHANNEL	0.126	0	12:00	0.24	0.00	0.11
ChannelC91_1	CONDUIT	0.184	0	12:00	0.27	1.24	0.98
ChannelC91_2	CONDUIT	0.178	0	12:15	0.31	1.18	0.92
ChannelC96	CHANNEL	0.149	0	14:19	0.05	0.00	0.49

Flow Classification Summary

		Adjusted	Fraction of Time in Flow Class						
		/Actual	Up	Down	Sub	Sup	Up	Down	Norm
Inlet	Conduit	Length	Dry	Dry	Dry	Crit	Crit	Crit	Crit
Ctrl									Ltd
ChannelA101	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.87
ChannelA111	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
ChannelA117	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.07
ChannelA120	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.33
ChannelA122	0.00	1.00	0.00	0.00	0.00	0.75	0.25	0.00	0.31
ChannelA129	0.00	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.62
ChannelA138	0.00	1.00	0.00	0.00	0.00	0.12	0.88	0.00	0.11
ChannelA140	0.00	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.52
ChannelA158	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.99
ChannelA159	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
ChannelA89	0.00	1.00	0.00	0.32	0.00	0.68	0.00	0.00	0.00
ChannelA93	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
ChannelA99	0.00	1.00	0.00	0.00	0.00	0.91	0.09	0.00	0.96
ChannelB	0.00	1.00	0.00	0.00	0.00	0.63	0.37	0.00	0.19

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	0.4
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	

ChannelC127	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.47
0.00									
ChannelC131	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.42
0.00									
ChannelC134	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01
0.00									
ChannelC136	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.14
0.00									
ChannelC142	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.43
0.00									
ChannelC144	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.40
0.00									
ChannelC146	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.93
0.00									
ChannelC148	1.00	0.00	0.00	0.00	0.38	0.62	0.00	0.00	0.00
0.00									
ChannelC151	1.00	0.00	0.00	0.00	0.96	0.03	0.00	0.00	0.96
0.00									
ChannelC153	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.12
0.00									
ChannelC154	1.00	0.00	0.00	0.00	0.85	0.15	0.00	0.00	0.05
0.00									
ChannelC155	1.00	0.00	0.00	0.00	0.47	0.53	0.00	0.00	0.37
0.00									
ChannelC156	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.61
0.00									
ChannelC157	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.50
0.00									
ChannelC161	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.12
0.00									
ChannelC163	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
0.00									
ChannelC18	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.44
0.00									
ChannelC1B2A2B1B05	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.11
0.00									
ChannelC1B2A2B1B06	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.57
0.00									
ChannelC1B2A2B1B07	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.87
0.00									
ChannelC1B2A2B1B08	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04
0.00									
ChannelC25	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
0.00									
ChannelC29	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.41
0.00									
ChannelC34	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
0.00									
ChannelC41	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93
0.00									
ChannelC45	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.58
0.00									
ChannelC49	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.71
0.00									
ChannelC51	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.29
0.00									
ChannelC60	1.00	0.00	0.00	0.					

ChannelC75	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
0.00									
ChannelC80	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
0.00									
ChannelC91_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
0.00									
ChannelC91_2	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.07
0.00									
ChannelC96	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.41
0.00									

Conduit Surcharge Summary

Conduit	----- Both Ends	Hours Full Upstream	----- Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
ChannelC105	0.01	0.01	5.68	0.01	0.01
ChannelC107	0.01	0.01	11.51	0.01	0.01
ChannelC109	0.01	0.01	5.12	0.01	0.01
ChannelC153	2.09	2.24	2.18	2.38	1.81
ChannelC157	0.01	0.01	11.96	0.01	0.01
ChannelC91_1	0.01	0.01	0.01	4.61	0.01
ChannelC91_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-
2y_52.1mm J122					

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					

Node Summary

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

Link Summary

Name Slope Roughness	From Node	To Node	Type	Length	%

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

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					

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				

Cross Section Summary

Full		Full	Full	Hyd.	Max.	No. of
Conduit	Shape	Depth	Area	Rad.	Width	Barrels
Flow						

ChannelA101 5.41	C14	0.18	10.46	0.10	104.91	1
ChannelA111 0.30	TRAPEZOIDAL	0.40	1.12	0.30	3.60	1
ChannelA117 2.02	TRAPEZOIDAL	0.90	2.52	0.50	4.60	1
ChannelA120 163.17	C55	0.98	69.20	0.55	124.59	1
ChannelA122 123.07	C46	0.71	47.71	0.35	137.79	1
ChannelA129 111.88	C51	0.76	52.75	0.43	123.20	1
ChannelA138 5.95	C30	0.26	9.59	0.09	111.41	1
ChannelA140 1.34	C31	0.12	3.27	0.06	52.61	1
ChannelA158 189.41	C62	1.10	50.08	0.44	114.63	1
ChannelA159 16.39	C40	0.28	13.90	0.12	114.65	1
ChannelA89 835.73	C65	1.53	110.45	0.79	138.51	1
ChannelA93 7.60	C4	0.18	9.72	0.10	96.87	1
ChannelA99 150.11	C22	0.80	39.08	0.31	124.58	1
ChannelB 565.87	C9	1.71	111.43	1.11	102.12	1
ChannelB12 9.59	C39	0.27	13.05	0.11	116.20	1
ChannelB14 716.60	C33	1.50	131.89	1.17	111.99	1
ChannelB152 67.27	C64	0.56	37.90	0.30	131.20	1
ChannelB16 394.05	C45	1.22	79.07	0.72	109.30	1
ChannelB160 320.94	C50	1.84	114.01	0.81	138.64	1
ChannelB162 476.73	C74	2.09	176.02	1.05	166.45	1
ChannelB20 195.90	C37	0.74	56.51	0.53	106.86	1
ChannelB22 9.02	TRAPEZOIDAL	1.20	4.08	0.64	5.80	1
ChannelB2212 430.69	C8	1.69	78.75	0.76	101.08	1
ChannelB27 11.64	C78	0.23	11.22	0.11	102.15	1
ChannelB32 166.80	C28	1.06	40.72	0.35	116.54	1
ChannelB36 58.32	C20	0.73	29.73	0.28	103.85	1
ChannelB38 73.34	C16	0.53	25.20	0.24	105.86	1
ChannelB4 0.37	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1
ChannelB47 511.71	C71	1.11	80.50	0.64	144.51	1
ChannelB53 79.31	C58	0.38	23.62	0.19	120.66	1

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

ChannelC18	TRAPEZOIDAL	0.50	1.00	0.31	3.00	1
0.60						
ChannelC1B2A2B1B05 C49		0.51	40.75	0.33	121.63	1
54.41						
ChannelC1B2A2B1B06 C48		0.69	64.87	0.54	118.04	1
140.47						
ChannelC1B2A2B1B07 C44		0.75	66.46	0.52	125.49	1
166.40						
ChannelC1B2A2B1B08 TRAPEZOIDAL		0.75	1.88	0.43	4.00	1
1.03						
ChannelC25	C13	0.33	20.66	0.21	99.45	1
8.21						
ChannelC29	C23	0.57	41.71	0.38	111.18	1
50.25						
ChannelC34	TRAPEZOIDAL	0.57	1.22	0.34	3.28	1
0.36						
ChannelC41	C19	0.24	12.92	0.12	105.74	1
10.00						
ChannelC45	C32	0.57	46.70	0.40	115.43	1
67.30						
ChannelC49	TRAPEZOIDAL	0.40	0.72	0.26	2.60	1
0.46						
ChannelC51	TRAPEZOIDAL	0.40	0.72	0.26	2.60	1
0.21						
ChannelC60	C10	0.47	25.91	0.32	80.45	1
35.54						
ChannelC65	C36	0.30	22.34	0.20	113.53	1
22.25						
ChannelC75	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1
0.21						
ChannelC80	C6	0.68	54.09	0.54	100.34	1
145.57						
ChannelC91_1	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1
0.15						
ChannelC91_2	TRAPEZOIDAL	0.30	0.78	0.23	3.20	1
0.15						
ChannelC96	C53	0.51	38.93	0.32	120.46	1
59.38						

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 04/11/2025 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 hectare-m	Volume 10^6 ltr
*****	-----	-----
Flow Routing Continuity		

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

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

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

[illegible]

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

Node Inflow Summary

Total	Flow		Maximum	Maximum		Lateral	
Inflow	Balance		Lateral	Total	Time of Max	Inflow	
Volume	Error		Inflow	Inflow	Occurrence	Volume	
Node	Type		CMS	CMS	days hr:min	10^6 ltr	10^6
ltr	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						

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

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					

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						

Node Surcharge Summary

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

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

[illegible]

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

Node Flooding Summary

No nodes were flooded.

Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 10^6 ltr
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

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
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

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

ChannelC127	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.76
0.00									
ChannelC131	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.65
0.00									
ChannelC134	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.07
0.00									
ChannelC136	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.25
0.00									
ChannelC142	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.43
0.00									
ChannelC144	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.79
0.00									
ChannelC146	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.89
0.00									
ChannelC148	1.00	0.00	0.00	0.00	0.30	0.70	0.00	0.00	0.00
0.00									
ChannelC151	1.00	0.00	0.00	0.00	0.94	0.05	0.00	0.00	0.94
0.00									
ChannelC153	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.37
0.00									
ChannelC154	1.00	0.00	0.00	0.00	0.98	0.01	0.00	0.00	0.05
0.00									
ChannelC155	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.00
0.00									
ChannelC156	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.50
0.00									
ChannelC157	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.70
0.00									
ChannelC161	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.30
0.00									
ChannelC163	1.00	0.00	0.00	0.00	0.63	0.37	0.00	0.00	0.98
0.00									
ChannelC18	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.69
0.00									
ChannelC1B2A2B1B05	1.00	0.00	0.00	0.00	0.98	0.01	0.00	0.00	0.67
0.00									
ChannelC1B2A2B1B06	1.00	0.00	0.00	0.00	0.95	0.05	0.00	0.00	0.29
0.00									
ChannelC1B2A2B1B07	1.00	0.00	0.00	0.00	0.91	0.09	0.00	0.00	0.75
0.00									
ChannelC1B2A2B1B08	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.05
0.00									
ChannelC25	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.16
0.00									
ChannelC29	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.42
0.00									
ChannelC34	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
0.00									
ChannelC41	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92
0.00									
ChannelC45	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
0.00									
ChannelC49	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95
0.00									
ChannelC51	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.38
0.00									
ChannelC60	1.00	0.00	0.00	0.					

ChannelC75	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.12
0.00									
ChannelC80	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
0.00									
ChannelC91_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
0.00									
ChannelC91_2	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.12
0.00									
ChannelC96	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					

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	0.73	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

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					

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			

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	0.0220			
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

Full Conduit Flow	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels

100mm_2 0.00	CIRCULAR	0.10	0.01	0.03	0.10	1
150mm_3 0.01	CIRCULAR	0.15	0.02	0.04	0.15	1
75mm_1 0.00	CIRCULAR	0.07	0.00	0.02	0.07	1
C1_1 9.00	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_10 9.01	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_2 9.02	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_3 9.00	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_4 9.02	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_5 8.96	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_6 9.00	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_7 9.00	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_8 8.99	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C2 62.34	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
ChannelA1 835.73	C65	1.53	110.45	0.79	138.51	1
ChannelA2 189.41	C62	1.10	50.08	0.44	114.63	1
ChannelA2A1 150.11	C22	0.80	39.08	0.31	124.58	1
ChannelA2A2 7.60	C4	0.18	9.72	0.10	96.87	1
ChannelA2B1 2.02	TRAPEZOIDAL	0.90	2.52	0.50	4.60	1
ChannelA2B2 163.17	C55	0.98	69.20	0.55	124.59	1
ChannelA2B3 111.88	C51	0.76	52.75	0.43	123.20	1
ChannelA2B4 123.07	C46	0.71	47.71	0.35	137.79	1
ChannelA2B5 16.39	C40	0.28	13.90	0.12	114.65	1
ChannelA2B5A1 0.30	TRAPEZOIDAL	0.40	1.12	0.30	3.60	1
ChannelA2B5B1 1.34	C31	0.12	3.27	0.06	52.61	1
ChannelA2B5B2 5.95	C30	0.26	9.59	0.09	111.41	1
ChannelA2B5B3	C14	0.18	10.46	0.10	104.91	1

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					

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

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

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	

	Volume hectare-m	Volume 10^6 ltr
Flow Routing Continuity	-----	-----
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	Imperv
Perv	Total	Total	Peak	Total	Evap	Infil	
Runoff	Runoff	Precip	Runoff	Runoff			Runoff
Subcatchment	Runoff	Runoff	Runoff	Coeff			
mm	mm	10^6 ltr	mm	mm	mm	mm	mm
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		

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	0.21	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

Node Inflow Summary

Total Flow			Maximum	Maximum	Lateral	
Inflow	Balance		Lateral Inflow	Total Inflow	Time of Max Occurrence	Inflow Volume
Volume Node	Error Percent	Type	CMS	CMS	days hr:min	10^6 ltr
ltr						10^6

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.

Node	Type	Hours Surcharged	Max. Height Above Crown Meters	Min. Depth Below Rim Meters
Existing-Node-C1B2B1B1B2B2	JUNCTION		1.69	0.011
Proposed611Link	JUNCTION	4.14	0.031	0.419

Node Flooding Summary

No nodes were flooded.

Storage Volume Summary

Max	Maximum	Average Volume	Avg Pcnt	Evap Pcnt	Exfil Pcnt	Maximum Volume	Max Pcnt	Time of
Occurrence	Outflow							days
Storage Unit		1000 m ³	Full	Loss	Loss	1000 m ³	Full	
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 Freq	Avg Flow	Max Flow	Total 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
ChannelA1	CHANNEL	0.611	0 12:09	0.59	0.00	0.18
ChannelA2	CHANNEL	0.470	0 12:33	0.27	0.00	0.24
ChannelA2A1	CHANNEL	0.168	0 12:18	0.86	0.00	0.15
ChannelA2A2	CHANNEL	0.130	0 12:03	0.11	0.02	0.41
ChannelA2B1	CONDUIT	0.331	0 13:14	0.71	0.16	0.33
ChannelA2B2	CHANNEL	0.378	0 12:49	0.18	0.00	0.45
ChannelA2B3	CHANNEL	0.690	0 12:31	0.21	0.01	0.46
ChannelA2B4	CHANNEL	0.502	0 12:30	0.89	0.00	0.28
ChannelA2B5	CHANNEL	0.457	0 12:30	0.36	0.03	0.40
ChannelA2B5A1	CONDUIT	0.211	0 12:00	0.59	0.70	0.39
ChannelA2B5B1	CHANNEL	0.326	0 12:29	0.25	0.24	0.64
ChannelA2B5B2	CHANNEL	0.271	0 12:26	2.52	0.05	0.41
ChannelA2B5B3	CHANNEL	0.213	0 12:07	0.10	0.04	0.60
ChannelB1	CHANNEL	2.293	0 12:15	1.78	0.00	0.26
ChannelB2212_1	CHANNEL	0.096	0 12:00	0.09	0.00	0.32
ChannelB2212_3	CONDUIT	0.096	0 12:00	1.58	0.04	0.27
ChannelB2212_4	CHANNEL	0.659	0 12:00	1.99	0.00	0.10
ChannelB3	CHANNEL	2.416	0 12:15	1.71	0.00	0.25
ChannelB4	CHANNEL	2.080	0 12:14	0.83	0.00	0.26
ChannelB4A1	CHANNEL	1.295	0 12:12	0.43	0.00	0.25
ChannelB4A1A1	CONDUIT	0.995	0 12:11	1.33	0.11	0.35
ChannelB4A1A2	CHANNEL	3.204	0 12:10	0.60	0.01	0.25
ChannelB4A1A3	CHANNEL	0.750	0 12:02	0.43	0.00	0.19
ChannelB4A1A4	CHANNEL	0.708	0 12:01	0.69	0.00	0.06
ChannelB4A1B1	CHANNEL	0.388	0 12:01	0.61	0.00	0.24
ChannelB4A1B2	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

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

ChannelA2B1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.67
ChannelA2B2	1.00	0.00	0.00	0.00	0.40	0.60	0.00	0.00	0.12
ChannelA2B3	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.89
ChannelA2B4	1.00	0.00	0.00	0.00	0.29	0.71	0.00	0.00	0.09
ChannelA2B5	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
ChannelA2B5A1	1.00	0.00	0.55	0.00	0.45	0.00	0.00	0.00	0.67
ChannelA2B5B1	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.17
ChannelA2B5B2	1.00	0.00	0.00	0.00	0.68	0.32	0.00	0.00	0.52
ChannelA2B5B3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96
ChannelB1	1.00	0.00	0.00	0.00	0.33	0.67	0.00	0.00	0.08
ChannelB2212_1	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.17
ChannelB2212_3	1.00	0.00	0.00	0.00	0.71	0.29	0.00	0.00	1.00
ChannelB2212_4	1.00	0.00	0.00	0.00	0.00	0.99	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
ChannelB4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.83
ChannelB4A1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.89
ChannelB4A1A1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.64
ChannelB4A1A2	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.97
ChannelB4A1A3	1.00	0.00	0.00	0.00	0.32	0.68	0.00	0.00	0.31
ChannelB4A1A4	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.65
ChannelB4A1B1	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.98
ChannelB4A1B2	1.00	0.00	0.00	0.00	0.63	0.37	0.00	0.00	0.02
ChannelB4A1B3	1.00	0.00	0.63	0.00	0.37	0.01	0.00	0.00	0.99
ChannelB4B1	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.98
ChannelB4B2	1.00	0.00	0.00	0.00	0.13	0.87	0.00	0.00	0.03
ChannelB4B3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95
ChannelB4B4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
ChannelB4B5	1.00	0.00	0.00	0.00	0.60	0.40	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
ChannelB4B6A1	1.00	0.00	0.00	0.00	0.39	0.61	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
ChannelB4B6A3_1	1.00	0.00	0.00	0.00	0.67	0.33	0.00	0.00	0.38
ChannelB4B6A3_3	1.00	0.00	0.00	0.00	0.68	0.32	0.00	0.00	0.49
ChannelB4B6A3_4	1.00	0.00	0.00	0.00	0.84	0.16	0.00	0.00	0.43
ChannelB4B6A4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.11
ChannelB4B6A5	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
ChannelB4B6A6	1.00	0.00	0.51	0.00	0.49	0.00	0.00	0.00	0.69
ChannelB4B6B1	1.00	0.00	0.46	0.00	0.54	0.00	0.00	0.00	0.97
Proposed1003LinkChannel	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.01
Proposed1004LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.33
Proposed1005LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.31
Proposed1006LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.69
Proposed1007LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.46
Proposed1008LinkChannel	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.67
Proposed1009LinkChannel	1.00	0.00	0.00	0.00	0.89	0.11	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
Proposed1011LinkChannel	1.00	0.00	0.58	0.00	0.42	0.00	0.00	0.00	0.76
Proposed1101LinkChannel	1.00	0.00	0.00	0.00	1.00	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
Proposed1103LinkChannel	1.00	0.01	0.05	0.00	0.95	0.00	0.00	0.00	0.51
Proposed1104LinkChannel	1.00	0.04	0.22	0.00	0.74	0.00	0.00	0.00	0.54
Proposed1201LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.69
Proposed1202LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.51
Proposed1203LinkChannel	1.00	0.00	0.00	0.00	0.42	0.58	0.00	0.00	0.04
Proposed1204LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.64
Proposed1205LinkChannel	1.00	0.00	0.00	0.00	0.80	0.20	0.00	0.00	0.11
Proposed1206LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.69
Proposed1207LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.81
Proposed1208LinkChannel	1.00	0.00	0.00	0.00	0.44	0.56	0.00	0.00	0.29
Proposed1209LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.71

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

Conduit Surcharge Summary

Conduit	----- Both Ends	Hours Full Upstream	----- 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					

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	0.73	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

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					

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			

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	0.0220			
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

Full Conduit Flow	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels

100mm_2 0.00	CIRCULAR	0.10	0.01	0.03	0.10	1
150mm_3 0.01	CIRCULAR	0.15	0.02	0.04	0.15	1
75mm_1 0.00	CIRCULAR	0.07	0.00	0.02	0.07	1
C1_1 9.00	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_10 9.01	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_2 9.02	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_3 9.00	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_4 9.02	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_5 8.96	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_6 9.00	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_7 9.00	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_8 8.99	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C2 62.34	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
ChannelA1 835.73	C65	1.53	110.45	0.79	138.51	1
ChannelA2 189.41	C62	1.10	50.08	0.44	114.63	1
ChannelA2A1 150.11	C22	0.80	39.08	0.31	124.58	1
ChannelA2A2 7.60	C4	0.18	9.72	0.10	96.87	1
ChannelA2B1 2.02	TRAPEZOIDAL	0.90	2.52	0.50	4.60	1
ChannelA2B2 163.17	C55	0.98	69.20	0.55	124.59	1
ChannelA2B3 111.88	C51	0.76	52.75	0.43	123.20	1
ChannelA2B4 123.07	C46	0.71	47.71	0.35	137.79	1
ChannelA2B5 16.39	C40	0.28	13.90	0.12	114.65	1
ChannelA2B5A1 0.30	TRAPEZOIDAL	0.40	1.12	0.30	3.60	1
ChannelA2B5B1 1.34	C31	0.12	3.27	0.06	52.61	1
ChannelA2B5B2 5.95	C30	0.26	9.59	0.09	111.41	1
ChannelA2B5B3	C14	0.18	10.46	0.10	104.91	1

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					

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

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

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	

	Volume hectare-m	Volume 10^6 ltr
Flow Routing Continuity	-----	-----
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

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

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			

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		

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	0.19	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

Node Inflow Summary

Total Flow			Maximum	Maximum			Lateral
Inflow	Balance		Lateral	Total	Time of Max		Inflow
Volume	Error		Inflow	Inflow	Occurrence		Volume
Node		Type	CMS	CMS	days hr:min		10^6 ltr
ltr	Percent						10^6

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						

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						

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						

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					

Node Surcharge Summary

No nodes were surcharged.

Node Flooding Summary

No nodes were flooded.

Storage Volume Summary

Max	Maximum	Average	Avg	Evap	Exfil	Maximum	Max	Time of
Occurrence	Outflow	Volume	Pcnt	Pcnt	Pcnt	Volume	Pcnt	
Storage Unit		1000 m ³	Full	Loss	Loss	1000 m ³	Full	days
hr:min	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

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
ChannelA1	CHANNEL	0.092	0 13:25	0.21	0.00	0.10
ChannelA2	CHANNEL	0.080	0 13:32	0.12	0.00	0.15
ChannelA2A1	CHANNEL	0.018	0 12:48	0.46	0.00	0.07
ChannelA2A2	CHANNEL	0.010	0 12:01	0.06	0.00	0.17
ChannelA2B1	CONDUIT	0.062	0 13:55	0.37	0.03	0.15
ChannelA2B2	CHANNEL	0.058	0 13:46	0.18	0.00	0.18
ChannelA2B3	CHANNEL	0.062	0 13:00	0.17	0.00	0.14
ChannelA2B4	CHANNEL	0.053	0 13:16	0.60	0.00	0.10
ChannelA2B5	CHANNEL	0.049	0 13:02	0.14	0.00	0.21
ChannelA2B5A1	CONDUIT	0.022	0 12:00	0.20	0.07	0.13
ChannelA2B5B1	CHANNEL	0.034	0 13:03	0.15	0.03	0.24
ChannelA2B5B2	CHANNEL	0.027	0 13:10	1.18	0.00	0.18
ChannelA2B5B3	CHANNEL	0.021	0 12:00	0.07	0.00	0.27
ChannelB1	CHANNEL	0.381	0 12:19	1.17	0.00	0.12
ChannelB2212_1	CHANNEL	0.006	0 12:00	0.04	0.00	0.21
ChannelB2212_3	CONDUIT	0.011	0 12:00	0.57	0.00	0.16
ChannelB2212_4	CHANNEL	0.233	0 12:01	1.32	0.00	0.07
ChannelB3	CHANNEL	0.375	0 12:19	1.06	0.00	0.11
ChannelB4	CHANNEL	0.350	0 12:17	0.48	0.00	0.11
ChannelB4A1	CHANNEL	0.274	0 12:11	0.37	0.00	0.09
ChannelB4A1A1	CONDUIT	0.228	0 12:09	1.00	0.03	0.14
ChannelB4A1A2	CHANNEL	0.250	0 12:05	0.24	0.00	0.11
ChannelB4A1A3	CHANNEL	0.233	0 12:04	0.40	0.00	0.08
ChannelB4A1A4	CHANNEL	0.236	0 12:02	0.63	0.00	0.04
ChannelB4A1B1	CHANNEL	0.031	0 12:00	0.29	0.00	0.08
ChannelB4A1B2	CHANNEL	0.021	0 12:01	0.48	0.00	0.06
ChannelB4A1B3	CHANNEL	0.018	0 12:00	0.14	0.00	0.07
ChannelB4B1	CHANNEL	0.112	0 12:39	0.32	0.00	0.12
ChannelB4B2	CHANNEL	0.104	0 12:39	0.61	0.00	0.06
ChannelB4B3	CHANNEL	0.099	0 12:37	0.24	0.00	0.06
ChannelB4B4	CHANNEL	0.094	0 12:36	0.37	0.00	0.06
ChannelB4B5	CHANNEL	0.085	0 12:35	0.36	0.00	0.07
ChannelB4B6	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

	Adjusted	Fraction of Time in Flow Class							
	/Actual	Up	Down	Sub	Sup	Up	Down	Norm	
Inlet Conduit Ctrl	Length	Dry	Dry	Dry	Crit	Crit	Crit	Crit	Ltd
100mm_2	1.00	0.74	0.00	0.00	0.00	0.00	0.00	0.26	0.00
150mm_3	1.00	1.00	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
C1_1	1.00	0.22	0.78	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
C1_2	1.00	0.00	0.00	0.00	0.72	0.28	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
C1_4	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.99
C1_5	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.77
C1_6	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
C1_7	1.00	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.93
C1_8	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.98
C2	1.00	0.00	0.13	0.00	0.85	0.01	0.00	0.00	0.99
ChannelA1	1.00	0.00	0.13	0.00	0.87	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
ChannelA2A1	1.00	0.00	0.00	0.00	0.89	0.11	0.00	0.00	0.98
ChannelA2A2	1.00	0.00	0.25	0.00	0.75	0.00	0.00	0.00	1.00
ChannelA2B1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.74
ChannelA2B2	1.00	0.00	0.00	0.00	0.37	0.62	0.00	0.00	0.08
ChannelA2B3	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.95

ChannelA2B4	1.00	0.00	0.00	0.00	0.19	0.81	0.00	0.00	0.01
ChannelA2B5	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
ChannelA2B5A1	1.00	0.00	0.56	0.00	0.44	0.00	0.00	0.00	0.69
ChannelA2B5B1	1.00	0.00	0.00	0.00	0.93	0.07	0.00	0.00	0.10
ChannelA2B5B2	1.00	0.00	0.00	0.00	0.75	0.25	0.00	0.00	0.51
ChannelA2B5B3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98
ChannelB1	1.00	0.00	0.00	0.00	0.32	0.68	0.00	0.00	0.02
ChannelB2212_1	1.00	0.00	0.62	0.00	0.37	0.01	0.00	0.00	0.99
ChannelB2212_3	1.00	0.00	0.62	0.00	0.37	0.01	0.00	0.00	0.99
ChannelB2212_4	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00
ChannelB3	1.00	0.00	0.00	0.00	0.40	0.60	0.00	0.00	0.00
ChannelB4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.91
ChannelB4A1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95
ChannelB4A1A1	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.82
ChannelB4A1A2	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.97
ChannelB4A1A3	1.00	0.00	0.01	0.00	0.28	0.71	0.00	0.00	0.25
ChannelB4A1A4	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.70
ChannelB4A1B1	1.00	0.00	0.00	0.00	0.47	0.53	0.00	0.00	0.58
ChannelB4A1B2	1.00	0.00	0.00	0.00	0.62	0.38	0.00	0.00	0.00
ChannelB4A1B3	1.00	0.00	0.64	0.00	0.36	0.01	0.00	0.00	0.99
ChannelB4B1	1.00	0.00	0.00	0.00	0.96	0.04	0.00	0.00	0.96
ChannelB4B2	1.00	0.00	0.00	0.00	0.12	0.88	0.00	0.00	0.04
ChannelB4B3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98
ChannelB4B4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
ChannelB4B5	1.00	0.00	0.00	0.00	0.58	0.41	0.00	0.00	0.00
ChannelB4B6	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
ChannelB4B6A1	1.00	0.00	0.00	0.00	0.37	0.63	0.00	0.00	0.00
ChannelB4B6A2	1.00	0.00	0.00	0.00	0.69	0.31	0.00	0.00	1.00
ChannelB4B6A3_1	1.00	0.00	0.00	0.00	0.66	0.34	0.00	0.00	0.47
ChannelB4B6A3_3	1.00	0.00	0.00	0.00	0.72	0.28	0.00	0.00	0.50

ChannelB4B6A3_4	1.00	0.00	0.00	0.00	0.93	0.07	0.00	0.00	0.44
ChannelB4B6A4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.10
ChannelB4B6A5	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
ChannelB4B6A6	1.00	0.00	0.52	0.00	0.48	0.00	0.00	0.00	0.75
ChannelB4B6B1	1.00	0.00	0.47	0.00	0.53	0.00	0.00	0.00	0.96
Proposed1003LinkChannel	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.02
Proposed1004LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.73
Proposed1005LinkChannel	1.00	0.00	0.00	0.00	1.00	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
Proposed1007LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.47
Proposed1008LinkChannel	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.80
Proposed1009LinkChannel	1.00	0.00	0.00	0.00	0.83	0.16	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
Proposed1011LinkChannel	1.00	0.00	0.59	0.00	0.41	0.00	0.00	0.00	0.93
Proposed1101LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01
Proposed1102LinkChannel	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.67
Proposed1103LinkChannel	1.00	0.01	0.05	0.00	0.94	0.00	0.00	0.00	0.77
Proposed1104LinkChannel	1.00	0.04	0.22	0.00	0.74	0.00	0.00	0.00	0.85
Proposed1201LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93
Proposed1202LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.36
Proposed1203LinkChannel	1.00	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.01
Proposed1204LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.66
Proposed1205LinkChannel	1.00	0.00	0.00	0.00	0.79	0.21	0.00	0.00	0.14
Proposed1206LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.79
Proposed1207LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96
Proposed1208LinkChannel	1.00	0.00	0.00	0.00	0.44	0.56	0.00	0.00	0.30
Proposed1209LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.76
Proposed1301LinkChannel	1.00	0.00	0.56	0.00	0.44	0.00	0.00	0.00	0.94
Proposed1401LinkChannel	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.95
Proposed1501LinkChannel	1.00	0.00	0.61	0.00	0.39	0.00	0.00	0.00	0.80

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									

 Conduit Surcharge Summary

Conduit	Hours Full			Hours	
	----- Both Ends	Upstream	Dnstream	Above Full Normal Flow	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.

Subcatchment Summary

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					

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	0.73	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

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					

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			

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	0.0220
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

Full Conduit Flow	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels

100mm_2 0.00	CIRCULAR	0.10	0.01	0.03	0.10	1
150mm_3 0.01	CIRCULAR	0.15	0.02	0.04	0.15	1
75mm_1 0.00	CIRCULAR	0.07	0.00	0.02	0.07	1
C1_1 9.00	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_10 9.01	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_2 9.02	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_3 9.00	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_4 9.02	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_5 8.96	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_6 9.00	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_7 9.00	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C1_8 8.99	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
C2 62.34	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1
ChannelA1 835.73	C65	1.53	110.45	0.79	138.51	1
ChannelA2 189.41	C62	1.10	50.08	0.44	114.63	1
ChannelA2A1 150.11	C22	0.80	39.08	0.31	124.58	1
ChannelA2A2 7.60	C4	0.18	9.72	0.10	96.87	1
ChannelA2B1 2.02	TRAPEZOIDAL	0.90	2.52	0.50	4.60	1
ChannelA2B2 163.17	C55	0.98	69.20	0.55	124.59	1
ChannelA2B3 111.88	C51	0.76	52.75	0.43	123.20	1
ChannelA2B4 123.07	C46	0.71	47.71	0.35	137.79	1
ChannelA2B5 16.39	C40	0.28	13.90	0.12	114.65	1
ChannelA2B5A1 0.30	TRAPEZOIDAL	0.40	1.12	0.30	3.60	1
ChannelA2B5B1 1.34	C31	0.12	3.27	0.06	52.61	1
ChannelA2B5B2 5.95	C30	0.26	9.59	0.09	111.41	1
ChannelA2B5B3	C14	0.18	10.46	0.10	104.91	1

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					

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

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

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	

	Volume hectare-m	Volume 10^6 ltr
Flow Routing Continuity	-----	-----
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

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

Node Inflow Summary

Total Flow			Maximum	Maximum			Lateral
Inflow	Balance		Lateral	Total	Time of Max		Inflow
Volume	Error		Inflow	Inflow	Occurrence		Volume
Node		Type	CMS	CMS	days hr:min		10^6 ltr
ltr	Percent						10^6

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						

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						

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						

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

Max	Maximum	Average	Avg	Evap	Exfil	Maximum	Max	Time of
Occurrence	Outflow	Volume	Pcnt	Pcnt	Pcnt	Volume	Pcnt	
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

Outfall Node	Flow Freq Pcnt	Avg Flow CMS	Max Flow CMS	Total Volume 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
ChannelA1	CHANNEL	0.015	0 02:40	0.05	0.00	0.08
ChannelA2	CHANNEL	0.017	0 02:08	0.10	0.00	0.12
ChannelA2A1	CHANNEL	0.003	0 01:56	0.25	0.00	0.04
ChannelA2A2	CHANNEL	0.006	0 01:40	0.07	0.00	0.09
ChannelA2B1	CONDUIT	0.014	0 02:09	0.20	0.01	0.07
ChannelA2B2	CHANNEL	0.013	0 02:04	0.19	0.00	0.07
ChannelA2B3	CHANNEL	0.015	0 01:40	0.20	0.00	0.06
ChannelA2B4	CHANNEL	0.014	0 01:51	0.47	0.00	0.05
ChannelA2B5	CHANNEL	0.016	0 01:42	0.13	0.00	0.11
ChannelA2B5A1	CONDUIT	0.017	0 01:38	0.19	0.06	0.11
ChannelA2B5B1	CHANNEL	0.007	0 01:40	0.10	0.01	0.13
ChannelA2B5B2	CHANNEL	0.006	0 02:01	0.74	0.00	0.11
ChannelA2B5B3	CHANNEL	0.015	0 01:40	0.08	0.00	0.17
ChannelB1	CHANNEL	0.155	0 02:03	0.91	0.00	0.08
ChannelB2212_1	CHANNEL	0.003	0 01:40	0.12	0.00	0.04
ChannelB2212_3	CONDUIT	0.007	0 01:40	0.52	0.00	0.14
ChannelB2212_4	CHANNEL	0.175	0 01:44	1.20	0.00	0.06
ChannelB3	CHANNEL	0.155	0 02:03	0.86	0.00	0.08
ChannelB4	CHANNEL	0.154	0 02:01	0.37	0.00	0.08
ChannelB4A1	CHANNEL	0.140	0 01:56	0.39	0.00	0.06
ChannelB4A1A1	CONDUIT	0.141	0 01:53	0.87	0.02	0.11
ChannelB4A1A2	CHANNEL	0.161	0 01:49	0.27	0.00	0.09
ChannelB4A1A3	CHANNEL	0.166	0 01:47	0.37	0.00	0.07
ChannelB4A1A4	CHANNEL	0.175	0 01:45	0.60	0.00	0.03
ChannelB4A1B1	CHANNEL	0.021	0 01:40	0.36	0.00	0.05
ChannelB4A1B2	CHANNEL	0.013	0 01:40	0.39	0.00	0.05
ChannelB4A1B3	CHANNEL	0.011	0 01:40	0.17	0.00	0.06
ChannelB4B1	CHANNEL	0.033	0 01:50	0.48	0.00	0.08
ChannelB4B2	CHANNEL	0.032	0 01:50	0.49	0.00	0.04
ChannelB4B3	CHANNEL	0.031	0 01:48	0.20	0.00	0.04
ChannelB4B4	CHANNEL	0.031	0 01:46	0.24	0.00	0.04
ChannelB4B5	CHANNEL	0.030	0 01:44	0.29	0.00	0.05
ChannelB4B6	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

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

100mm_2 0.00	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.05	0.00
150mm_3 0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75mm_1 0.00	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.00
C1_1 0.00	1.00	0.42	0.58	0.00	0.00	0.00	0.00	0.00	0.00
C1_10 0.00	1.00	0.00	0.01	0.00	0.98	0.00	0.00	0.00	0.95
C1_2 0.00	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.00
C1_3 0.00	1.00	0.12	0.30	0.00	0.57	0.01	0.00	0.00	0.59
C1_4 0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
C1_5 0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98
C1_6 0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
C1_7 0.00	1.00	0.02	0.13	0.00	0.84	0.00	0.00	0.00	0.76
C1_8 0.00	1.00	0.00	0.05	0.00	0.95	0.00	0.00	0.00	0.88
C2 0.00	1.00	0.00	0.26	0.00	0.73	0.01	0.00	0.00	1.00
ChannelA1 0.00	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.03
ChannelA2 0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
ChannelA2A1 0.00	1.00	0.00	0.00	0.00	0.63	0.37	0.00	0.00	0.99
ChannelA2A2 0.00	1.00	0.00	0.50	0.00	0.50	0.00	0.00	0.00	1.00
ChannelA2B1 0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93
ChannelA2B2 0.00	1.00	0.00	0.00	0.00	0.12	0.88	0.00	0.00	0.04
ChannelA2B3 0.00	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.98

ChannelA2B4	1.00	0.00	0.00	0.00	0.10	0.90	0.00	0.00	0.01
0.00									
ChannelA2B5	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	1.00
0.00									
ChannelA2B5A1	1.00	0.02	0.80	0.00	0.19	0.00	0.00	0.00	0.88
0.00									
ChannelA2B5B1	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.00
0.00									
ChannelA2B5B2	1.00	0.00	0.00	0.00	0.95	0.05	0.00	0.00	0.78
0.00									
ChannelA2B5B3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
0.00									
ChannelB1	1.00	0.00	0.00	0.00	0.13	0.87	0.00	0.00	0.00
0.00									
ChannelB2212_1	1.00	0.00	0.90	0.00	0.09	0.01	0.00	0.00	1.00
0.00									
ChannelB2212_3	1.00	0.00	0.90	0.00	0.09	0.00	0.00	0.00	1.00
0.00									
ChannelB2212_4	1.00	0.00	0.00	0.00	0.12	0.88	0.00	0.00	0.00
0.00									
ChannelB3	1.00	0.00	0.00	0.00	0.19	0.81	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	0.99
0.00									
ChannelB4A1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98
0.00									
ChannelB4A1A1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95
0.00									
ChannelB4A1A2	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.98
0.00									
ChannelB4A1A3	1.00	0.00	0.00	0.00	0.06	0.94	0.00	0.00	0.06
0.00									
ChannelB4A1A4	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.94
0.00									
ChannelB4A1B1	1.00	0.00	0.00	0.00	0.52	0.48	0.00	0.00	0.44
0.00									
ChannelB4A1B2	1.00	0.00	0.00	0.00	0.64	0.36	0.00	0.00	0.00
0.00									
ChannelB4A1B3	1.00	0.00	0.89	0.00	0.10	0.00	0.00	0.00	0.99
0.00									
ChannelB4B1	1.00	0.00	0.00	0.00	0.98	0.02	0.00	0.00	0.98
0.00									
ChannelB4B2	1.00	0.00	0.00	0.00	0.05	0.95	0.00	0.00	0.02
0.00									
ChannelB4B3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99
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	1.00
0.00									
ChannelB4B6A1	1.00	0.00	0.00	0.00	0.14	0.86	0.00	0.00	0.00
0.00									
ChannelB4B6A2	1.00	0.00	0.00	0.00	0.44	0.56	0.00	0.00	1.00
0.00									
ChannelB4B6A3_1	1.00	0.00	0.00	0.00	0.40	0.60	0.00	0.00	0.28
0.00									
ChannelB4B6A3_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
ChannelB4B6A4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02
ChannelB4B6A5	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
ChannelB4B6A6	1.00	0.00	0.78	0.00	0.22	0.00	0.00	0.00	0.95
ChannelB4B6B1	1.00	0.00	0.73	0.00	0.27	0.00	0.00	0.00	0.98
Proposed1003LinkChannel	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.11
Proposed1004LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98
Proposed1005LinkChannel	1.00	0.00	0.00	0.00	1.00	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
Proposed1007LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.37
Proposed1008LinkChannel	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.99
Proposed1009LinkChannel	1.00	0.00	0.00	0.00	0.94	0.06	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
Proposed1011LinkChannel	1.00	0.00	0.85	0.00	0.15	0.00	0.00	0.00	0.98
Proposed1101LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01
Proposed1102LinkChannel	1.00	0.00	0.10	0.00	0.90	0.00	0.00	0.00	0.96
Proposed1103LinkChannel	1.00	0.04	0.12	0.00	0.82	0.01	0.00	0.00	0.70
Proposed1104LinkChannel	1.00	0.14	0.34	0.00	0.52	0.00	0.00	0.00	0.63
Proposed1201LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Proposed1202LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.10
Proposed1203LinkChannel	1.00	0.00	0.00	0.00	0.26	0.74	0.00	0.00	0.01
Proposed1204LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92
Proposed1205LinkChannel	1.00	0.00	0.00	0.00	0.79	0.21	0.00	0.00	0.04
Proposed1206LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96
Proposed1207LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96
Proposed1208LinkChannel	1.00	0.00	0.00	0.00	0.18	0.82	0.00	0.00	0.06
Proposed1209LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98
Proposed1301LinkChannel	1.00	0.00	0.82	0.00	0.18	0.00	0.00	0.00	0.98
Proposed1401LinkChannel	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.98
Proposed1501LinkChannel	1.00	0.00	0.87	0.00	0.13	0.00	0.00	0.00	0.95

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			Hours	Hours
	Both Ends	Upstream	Dnstream	Above Full Normal Flow	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					

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					

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 Conduit Flow	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels

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 2.02	TRAPEZOIDAL	0.90	2.52	0.50	4.60	1
ChannelA2B2 163.17	C55	0.98	69.20	0.55	124.59	1
ChannelA2B3 111.88	C51	0.76	52.75	0.43	123.20	1
ChannelA2B4 123.07	C46	0.71	47.71	0.35	137.79	1
ChannelA2B5 16.39	C40	0.28	13.90	0.12	114.65	1
ChannelA2B5A1 0.30	TRAPEZOIDAL	0.40	1.12	0.30	3.60	1
ChannelA2B5B1 1.34	C31	0.12	3.27	0.06	52.61	1
ChannelA2B5B2 5.95	C30	0.26	9.59	0.09	111.41	1
ChannelA2B5B3 5.41	C14	0.18	10.46	0.10	104.91	1
ChannelB1 565.87	C9	1.71	111.43	1.11	102.12	1
ChannelB2212_1 583.27	C8	1.69	78.75	0.76	101.08	1
ChannelB2212_3 2.67	CIRCULAR	0.60	0.28	0.15	0.60	1
ChannelB2212_4 195.06	C8	1.69	78.75	0.76	101.08	1
ChannelB3 570.88	C75	2.05	186.14	1.10	168.14	1
ChannelB4 476.73	C74	2.09	176.02	1.05	166.45	1
ChannelB4A1 320.94	C50	1.84	114.01	0.81	138.64	1
ChannelB4A1A1 9.02	TRAPEZOIDAL	1.20	4.08	0.64	5.80	1
ChannelB4A1A2 394.05	C45	1.22	79.07	0.72	109.30	1
ChannelB4A1A3 195.90	C37	0.74	56.51	0.53	106.86	1
ChannelB4A1A4 716.60	C33	1.50	131.89	1.17	111.99	1
ChannelB4A1B1 166.80	C28	1.06	40.72	0.35	116.54	1
ChannelB4A1B2 58.32	C20	0.73	29.73	0.28	103.85	1
ChannelB4A1B3 73.34	C16	0.53	25.20	0.24	105.86	1
ChannelB4B1 511.71	C71	1.11	80.50	0.64	144.51	1
ChannelB4B2 258.71	C70	1.11	78.30	0.55	142.07	1
ChannelB4B3 139.98	C69	1.05	65.56	0.48	134.75	1
ChannelB4B4 98.90	C68	0.84	47.63	0.36	131.76	1
ChannelB4B5 66.86	C66	0.75	40.17	0.34	130.13	1
ChannelB4B6 67.27	C64	0.56	37.90	0.30	131.20	1
ChannelB4B6A1 20.34	C60	0.38	21.93	0.14	150.78	1

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						

1	Proposed1301LinkChannel C17	0.19	12.72	0.10	122.92	
1	7.35					
1	Proposed1401LinkChannel C10	0.47	25.91	0.32	80.45	
1	35.54					
1	Proposed1501LinkChannel TRAPEZOIDAL	0.40	0.72	0.26	2.60	
1	0.21					
1	Proposed502LinkChannel C77	0.68	42.34	0.21	204.48	
1	69.87					
1	Proposed503LinkChannel C11	0.38	16.10	0.14	116.94	
1	34.01					
1	Proposed504LinkChannel C7	0.45	17.45	0.17	104.30	
1	22.47					
1	Proposed601LinkChannel C76	0.36	12.34	0.13	102.08	
1	15.24					
1	Proposed602LinkChannel C73	0.54	61.49	0.32	188.39	
1	134.18					
1	Proposed603LinkChannel TRAPEZOIDAL	0.54	1.12	0.33	3.16	
1	0.85					
1	Proposed604LinkChannel C67	0.61	53.72	0.37	142.92	
1	77.21					
1	Proposed605LinkChannel TRAPEZOIDAL	0.70	1.68	0.41	3.80	
1	1.25					
1	Proposed606LinkChannel_1 TRAPEZOIDAL	0.50	2.50	0.40	6.00	
1	0.67					
1	Proposed606LinkChannel_2 TRAPEZOIDAL	0.50	2.50	0.40	6.00	
1	0.69					
1	Proposed609LinkChannel_1 TRAPEZOIDAL	0.30	0.78	0.23	3.20	
1	0.17					
1	Proposed609LinkChannel_2 TRAPEZOIDAL	0.30	0.78	0.23	3.20	
1	0.32					
0.31	Proposed612Channel CIRCULAR	0.30	0.07	0.07	0.30	1
1	Proposed613LinkChannel CIRCULAR	0.60	0.28	0.15	0.60	
1	0.50					
1	Proposed614LinkChannel TRAPEZOIDAL	1.25	5.00	0.71	6.50	
1	8.91					
1	Proposed615LinkChannel TRAPEZOIDAL	1.13	4.25	0.65	6.02	
1	5.69					
1	Proposed616LinkChannel TRAPEZOIDAL	1.03	3.67	0.60	5.62	
1	4.70					
1	Proposed701LinkChannel TRAPEZOIDAL	0.40	0.72	0.26	2.60	
1	0.26					
1	Proposed702LinkChannel C41	0.39	14.90	0.14	105.39	
1	5.72					
1	Proposed703LinkChannel C26	0.23	11.88	0.10	114.51	
1	10.78					
1	Proposed704LinkChannel C6	0.68	54.09	0.54	100.34	
1	145.57					
1	Proposed801LinkChannel TRAPEZOIDAL	0.40	1.12	0.30	3.60	
1	0.43					
1	Proposed802LinkChannel TRAPEZOIDAL	0.70	1.68	0.41	3.80	
1	1.44					
1	Proposed803LinkChannel TRAPEZOIDAL	0.50	1.50	0.35	4.00	
1	0.53					
1	Proposed804LinkChannel TRAPEZOIDAL	0.50	1.00	0.31	3.00	
1	0.45					
1	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

	Volume	Depth
Runoff Quantity Continuity	hectare-m	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	

	Volume	Volume
Flow Routing Continuity	hectare-m	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

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

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

Node Inflow Summary

Total	Flow		Maximum	Maximum		Lateral	
Inflow	Balance		Lateral	Total	Time of Max	Inflow	
Volume	Error		Inflow	Inflow	Occurrence	Volume	
Node		Type	CMS	CMS	days hr:min	10^6 ltr	10^6
ltr	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						

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						

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						

Node Surcharge Summary

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

Node	Type	Hours Surcharged	Max. Height Above Crown Meters	Min. Depth Below Rim Meters
Proposed611Link	JUNCTION	5.91	0.047	0.403

Node Flooding Summary

No nodes were flooded.

Storage Volume Summary

Max		Average	Avg	Evap	Exfil	Maximum	Max	Time of
Maximum		Volume	Pcnt	Pcnt	Pcnt	Volume	Pcnt	
Occurrence	Outflow							days
Storage Unit		1000 m³	Full	Loss	Loss	1000 m³	Full	
hr:min	CMS							
Bassin		2.690	53.8	0.0	0.0	4.189	83.7	0
14:14	0.041							

Outfall Loading Summary

Outfall Node	Flow	Avg	Max	Total
	Freq	Flow	Flow	Volume
	Pcnt	CMS	CMS	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

Link Flow Summary

Link	Type	Maximum	Time of Max	Maximum	Max/	Max/
		Flow	Occurrence	Veloc	Full	Full
		CMS	days hr:min	m/sec	Flow	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

Flow Classification Summary

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

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									

Proposed1008LinkChannel	1.00	1.00	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
Proposed1010LinkChannel	1.00	1.00	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
Proposed1101LinkChannel	1.00	0.00	0.01	0.00	0.70	0.00	0.29	0.00	0.00
Proposed1102LinkChannel	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.38
Proposed1103LinkChannel	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.52
Proposed1104LinkChannel	1.00	0.01	0.16	0.00	0.83	0.00	0.00	0.00	0.57
Proposed1201LinkChannel	1.00	1.00	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
Proposed1203LinkChannel	1.00	1.00	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
Proposed1205LinkChannel	1.00	1.00	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
Proposed1207LinkChannel	1.00	1.00	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
Proposed1209LinkChannel	1.00	1.00	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
Proposed1401LinkChannel	1.00	1.00	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
Proposed502LinkChannel	1.00	0.09	0.00	0.00	0.91	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
Proposed504LinkChannel	1.00	1.00	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
Proposed602LinkChannel	1.00	0.07	0.00	0.00	0.92	0.01	0.00	0.00	0.01
Proposed603LinkChannel	1.00	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.12
Proposed604LinkChannel	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.91
Proposed605LinkChannel	1.00	0.04	0.00	0.00	0.96	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
Proposed606LinkChannel_2	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.36

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									

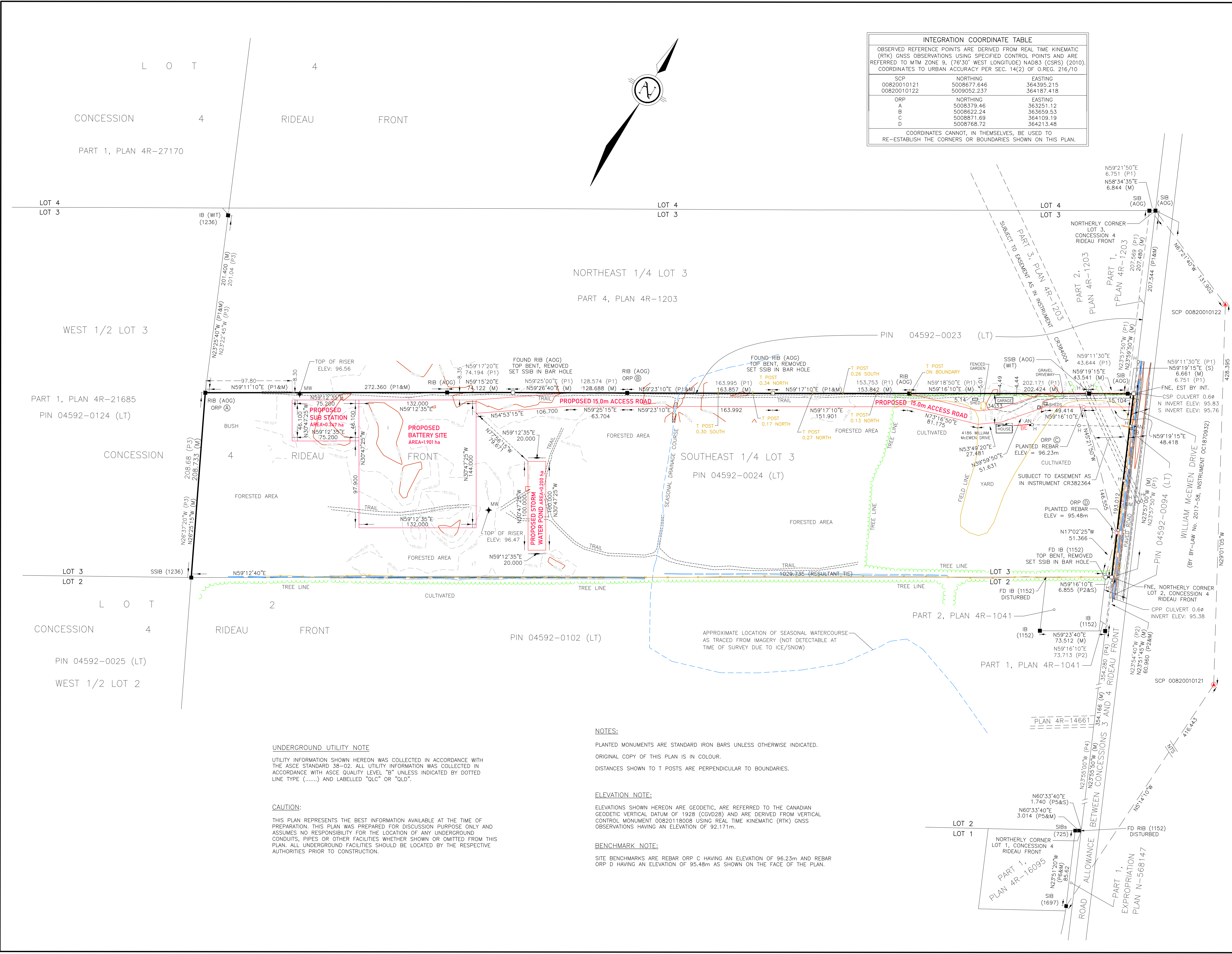
Conduit Surcharge Summary

Conduit	----- Both Ends	Hours Full Upstream	----- 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



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

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

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.

METRIC:

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

DISTANCE NOTE:

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

BEARING NOTE:

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

ROTATION NOTE:

A ROTATION OF 0°58'30" COUNTER CLOCKWISE HAS BEEN APPLIED TO THE ASTRONOMIC BEARINGS
OF UNDERLYING PLANS P1 AND P2 TO ACCOUNT FOR DIFFERENT REFERENCE MERIDIANS.

NO ROTATION HAS BEEN APPLIED TO THE MTM GRID BEARINGS OF UNDERLYING PLANS P3, P4, P5
OR P6.

LEGEND:

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

TOPOGRAPHIC LEGEND:

- PWF DENOTES POST AND WIRE FENCE
- CPP DENOTES CORRUGATED PLASTIC PIPE
- CSP DENOTES CORRUGATED STEEL PIPE
- UM DENOTES UNDERGROUND UTILITY MARKER
- TB DENOTES TERMINAL BOX
- HP DENOTES HYDRO POLE
- AN DENOTES HYDRO POLE
- MW DENOTES MONITORING WELL
- T DENOTES T POST
- Ø DENOTES DIAMETER
- TL DENOTES TREE LINE
- BD DENOTES BOTTOM OF DITCH
- PWF DENOTES POST AND WIRE FENCE LINE
- OW DENOTES OVERHEAD WIRES
- BT DENOTES BURIED TELECOMMUNICATIONS
- BE DENOTES BURIED ELECTRIC
- Q DENOTES QUALITY LEVEL "B"
- 1.00m DENOTES 1.00m MAJOR CONTOUR LINE
- 0.25m 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.

THE REPRODUCTION, ALTERATION, OR USE OF THIS REPORT IN WHOLE OR IN
PART WITHOUT THE EXPRESS PERMISSION OF TULLOCH GEOMATICS INC. IS
STRICTLY PROHIBITED. 2025

